

DUFF & PHELPS

2018 Valuation Handbook
International Industry Cost of
Capital

Market Results Through March 2018

Duff & Phelps

Company and GICS List

Cover design: Zach Rodheim, Design Manager, Duff & Phelps Publications Business

Copyright © 2018 Duff & Phelps, LLC. All Rights Reserved. The information presented in the online Duff & Phelps Cost of Capital Navigator platform ("Cost of Capital Navigator") and the *2018 Valuation Handbook – International Industry Cost of Capital* and its associated Semi-annual update (data through September 2018) has been obtained with the greatest of care from sources believed to be reliable, but is not guaranteed to be complete, accurate or timely. Duff & Phelps LLC expressly disclaims any liability, including incidental or consequential damages, arising from the use of the Cost of Capital Navigator and *2018 Valuation Handbook – International Industry Cost of Capital* or any errors or omissions that may be contained in them. No part of the Cost of Capital Navigator or the *2018 Valuation Handbook – International Industry Cost of Capital* may be reproduced or used in any form or by any other means – graphic, electronic, or mechanical, including photocopying, recording, taping, or information storage and retrieval systems – without Duff & Phelps LLC's prior, written permission. To obtain permission, please write to: Business Publishing, Duff & Phelps LLC, 311 S. Wacker Dr., Suite 4200, Chicago, IL 60606. Your request should specify the data or other information you wish to use and the manner in which you wish to use it. In addition, you will need to include copies of any charts, tables, and/or figures that you have created based on that information. There is a \$1,500 processing fee per request. There may be additional fees depending on your proposed usage. One of the sources of raw data used to produce the derived data and information in the Cost of Capital Navigator and *2018 Valuation Handbook – International Industry Cost of Capital* is Morningstar, Inc. Use of raw data from Morningstar to produce the derived data and information herein does not necessarily constitute agreement by Morningstar, Inc. of any investment philosophy or strategy presented in this publication.

The forgoing does not preclude End-users from using the Cost of Capital Navigator and *2018 Valuation Handbook – International Industry Cost of Capital* for End-User's own internal business purposes, which includes the ability to provide limited excerpts to End-User's direct clients solely for the purpose of performing services for such direct clients in the ordinary course of End-User's business activities.

Published by:

Duff & Phelps, LLC
311 South Wacker Drive
Suite 4200
Chicago, IL 60606
(312) 697-4600
www.duffandphelps.com

About Duff & Phelps

Duff & Phelps is the global advisor that protects, restores and maximizes value for clients in the areas of valuation, corporate finance, disputes and investigations, compliance and regulatory matters and other governance-related issues. Our clients include publicly traded and privately held companies, law firms, government entities and investment organizations such as private equity firms and hedge funds. We also advise the world's leading standard setting bodies on valuation and governance best practices. The firm's nearly 2,500 professionals are located in over 70 offices in 20 countries around the world. For more information, visit www.duffandphelps.com.

M&A advisory, capital raising and secondary market advisory services in the United States are provided by Duff & Phelps Securities, LLC. Member FINRA/SIPC. Pagemill Partners is a Division of Duff & Phelps Securities, LLC. M&A advisory, capital raising and secondary market advisory services in the United Kingdom are provided by Duff & Phelps Securities Ltd. (DPSL), which is authorized and regulated by the Financial Conduct Authority. M&A advisory and capital raising services in Germany are provided by Duff & Phelps GmbH, which is a Tied Agent of DPSL. Valuation Advisory Services in India are provided by Duff & Phelps India Private Limited under a category 1 merchant banker license issued by the Securities and Exchange Board of India.

Additional Resources

Duff & Phelps has authored *five* books that focus on U.S. and international valuation theory, data, and risk premia (e.g., equity risk premia, risk-free rates, size premia, industry risk premia, betas, industry multiples and other statistics, etc.) for use in valuation models. These five books are (i) the *Cost of Capital: Applications and Examples* (5th edition), and the four "Valuation Handbooks": (ii) the *Valuation Handbook – U.S. Guide to Cost of Capital*, (iii) the *Valuation Handbook – U.S. Industry Cost of Capital*, (iv) the *Valuation Handbook – International Guide to Cost of Capital*, and (v) the *Valuation Handbook – International Industry Cost of Capital* (this book).

Duff & Phelps produces *one* book that focuses on U.S. capital markets performance data (i.e., the history of returns of the capital markets in the U.S. from 1926 to the present). This resource, the *Stocks, Bonds, Bills, and Inflation® (SBBi®) Yearbook* "SBBi Yearbook", has been published for over 30 years.¹ The *SBBi Yearbook* does not provide extensive valuation data or methodology.²

The Four Valuation Handbooks are Transitioning from Print to Online Delivery in 2018 and 2019

In 2018 and 2019, the four Duff & Phelps *Valuation Handbooks* are transitioning from *print* to a new *online* delivery platform, the "Cost of Capital Navigator". The Cost of Capital Navigator guides the Analyst through the process of estimating the cost of capital, a key component of any valuation analysis.³

To learn more about the Cost of Capital Navigator, visit: dpcostofcapital.com.

The four *Valuation Handbooks* will be transitioned over to the online Cost of Capital Navigator platform in stages. In the first stage in February 2018, the *Valuation Handbook – U.S. Guide to Cost of Capital* was transitioned over. The three remaining *Valuation Handbooks* (the *Valuation Handbook – U.S. Industry Cost of Capital*, the *Valuation Handbook – International Guide to Cost of Capital*, and the *Valuation Handbook – International Industry Cost of Capital* (this book)) will be printed and distributed as books one final time in 2018, but the information and data from these books is scheduled to be available exclusively in the Cost of Capital Navigator starting in 2019. To learn more about and purchase the three other *Valuation Handbooks*, visit: duffandphelps.onfastspring.com/books.

¹ "Stocks, Bonds, Bills, and Inflation®" and "SBBi®" are registered trademarks of Morningstar, Inc. All rights reserved. Used with permission.

² Morningstar previously published two "Ibbotson SBBi" yearbooks: (i) The *SBBi® "Classic" Yearbook*, which is now produced by Duff & Phelps as the "*SBBi® Yearbook*" starting in 2016 (the word "Classic" was dropped from the title), and (ii) the *SBBi® "Valuation" Yearbook*, which was discontinued by Morningstar in 2013. The former Ibbotson/Morningstar *SBBi® Valuation Yearbook* was replaced by the Duff & Phelps *Valuation Handbook – U.S. Guide to Cost of Capital* in 2014, and published annually as a hardcover book through 2017. Starting in 2018, Duff & Phelps will not publish a commercially available physical version of the *Valuation Handbook – U.S. Guide to Cost of Capital* that includes the data exhibits; the essential valuation data from the data exhibits will be available only in the Cost of Capital Navigator online platform. To learn more about the Cost of Capital Navigator, visit: dpcostofcapital.com.

³ At launch in February 2018, the Cost of Capital Navigator includes cost of *equity* capital estimates. Later versions of the Cost of Capital Navigator are scheduled to include cost of debt and weighted average cost of capital (WACC) estimates.

A 2018 and 2019 schedule is provided below:⁴

<u>Valuation Handbook</u>	<u>2018</u>	<u>2019</u>
<i>Valuation Handbook – U.S. Guide to Cost of Capital</i>	Data available exclusively online in the Cost of Capital Navigator platform	Data available exclusively online in the Cost of Capital Navigator platform
<i>Valuation Handbook – U.S. Industry Cost of Capital</i>	Printed as book	Data available exclusively online in the Cost of Capital Navigator platform
<i>Valuation Handbook – International Guide to Cost of Capital</i>	Printed as book	Data available exclusively online in the Cost of Capital Navigator platform
<i>Valuation Handbook – International Industry Cost of Capital</i>	Printed as book	Data available exclusively online in the Cost of Capital Navigator platform

The Cost of Capital: Applications and Examples (5th Edition) and the SBBi Yearbook Will Continue to be Printed as Hardcover Books

There are presently no plans to transition the information and data from the *Cost of Capital: Applications and Examples* (5th edition) and the *SBBi Yearbook* over to the Cost of Capital Navigator platform. These two books will continue to be published as hardcover books.⁵

Each of the six books is summarized in the following sections.

⁴ Duff & Phelps reserves the right to amend this schedule as needed.

⁵ The *SBBi*[®] *Yearbook* is published annually (typically in March), with data through December 31 of the previous year. *The Cost of Capital: Applications and Examples* (5th edition) was published in 2014; the publication of an updated "6th edition" is scheduled for winter 2018/2019.

Cost of Capital: Applications and Examples 5th edition

Note: There are presently no plans to transition the information and data from the *Cost of Capital: Applications and Examples (5th edition)* over to the *Cost of Capital Navigator* platform. This book will continue to be published as a hardcover book.

To learn more about *Cost of Capital: Applications and Examples* 5th edition, visit:

www.wiley.com/buy/9781118555804.

The *Cost of Capital: Applications and Examples* 5th edition, by Shannon P. Pratt and Roger J. Grabowski (John Wiley & Sons, Inc., 2014) is the authoritative, comprehensive overview of valuation theory, best practices, and proper use of data.

This book puts an emphasis on practical application.

The *Cost of Capital: Applications and Examples* 5th edition is a one-stop shop for background and current thinking on the development and uses of rates of return on capital. This book contains expanded materials on estimating the basic building blocks of the cost of equity capital, the risk-free rate, and the equity risk premium, plus in-depth discussion of the volatility created by the 2008 financial crisis, the subsequent recession and uncertain recovery, and how those events have fundamentally changed how we need to interpret the inputs to the models we use to develop these estimates.

The *Cost of Capital: Applications and Examples* 5th edition includes case studies providing comprehensive discussion of cost of capital estimates for valuing a business and damages calculations for small and medium-sized businesses, cross-referenced to the chapters covering the theory and data. This book puts an emphasis on practical application. To that end, this updated edition provides readers with exclusive access to a companion website filled with supplementary materials, allowing you to continue to learn in a hands-on fashion long after closing the book.

The *Cost of Capital: Applications and Examples* has been published since 1998, and is updated every three to four years. The 6th edition of this book is scheduled to be available in winter 2018/2019.

"Shannon Pratt and Roger Grabowski have produced a remarkably comprehensive review of the subject...it is a work that valuation practitioners, CFOs, and others will find an invaluable reference".

– **Professor Richard Brealey**, Emeritus Professor of Finance, London Business School (from the Foreword)

"Estimating the cost of capital is critical in determining the valuation of assets, in evaluating the capital structure of corporations, and in estimating the long-run expected return of investments. Shannon Pratt and Roger Grabowski have the most thorough text on the subject, not only providing various estimation methods, but also numerous ways to use the cost of capital".

– **Professor Roger G. Ibbotson**, Professor Emeritus of Finance at the Yale School of Management, Chairman and Chief Investment Officer of Zebra Capital LLC, and former Chairman and founder of Ibbotson Associates, now part of Morningstar, Inc.

Cost of Capital Navigator (the information and data previously published in the *Valuation Handbook – U.S. Guide to Cost of Capital*)

Note: Starting in 2018, the information and valuation data from the *Valuation Handbook – U.S. Guide to Cost of Capital* is available exclusively in the online Cost of Capital Navigator platform. A physical book that includes the data exhibits is not commercially available.

To learn more about the online Cost of Capital Navigator, visit: dpcostofcapital.com.

The *Valuation Handbook – U.S. Guide to Cost of Capital* was published from 2014–2017, and included the U.S. cost of capital data inputs (equity risk premia, size premia, industry risk premia, risk premia over the risk-free rate, risk-free rates) that were previously published in the Morningstar/Ibbotson *Stocks, Bonds, Bills, and Inflation (SBBi) Valuation Yearbook* and the Duff & Phelps *Risk Premium Report*. This data can be used to develop cost of equity capital estimates (using both the build-up method and CAPM) for an individual business, business ownership interest, security, or intangible asset.

Starting in 2018, the essential valuation data previously published in the *Valuation Handbook – U.S. Guide to Cost of Capital* will be available exclusively in the new online Cost of Capital Navigator platform. The *2018 Cost of Capital: Annual U.S. Guidance and Examples* is a companion publication available to licensees of the Cost of Capital Navigator.

To be clear, the *2018 Cost of Capital: Annual U.S. Guidance and Examples*:

- Includes the content, examples, frequently asked questions (FAQs), and methodology previously published in the Duff & Phelps *Valuation Handbook – U.S. Guide to Cost of Capital*, updated through December 31, 2017.
- Does not include the data exhibits previously published in the *Valuation Handbook – U.S. Guide to Cost of Capital*, which are available exclusively in the online Cost of Capital Navigator platform starting in 2018.
- Is provided as a reference book and teaching aid only.

The two valuation data sets previously published in the *Valuation Handbook – U.S. Guide to Cost of Capital* from 2014–2017 and now (i.e., 2018 and subsequent years) available exclusively in the online Cost of Capital Navigator are: (i) the CRSP Deciles Size Study (the former Ibbotson/Morningstar *SBBi Valuation Yearbook* data), and (ii) the Risk Premium Report Study. The 2018 CRSP Deciles Size Study and the 2018 Risk Premium Report Study include data through December 31, 2017.

As of the initial launch of the online Cost of Capital Navigator platform in February 2018, both the CRSP Deciles Size Study and the Risk Premium Report Study are available online for all years from 1999–present.⁶

⁶ There are two Cost of Capital Navigator subscription levels: (i) the “Basic” annual subscription includes the two most recent years of valuation data; and (ii) the “Pro” annual subscription includes all years of data from 1999–present. As of the initial launch of the Cost of Capital Navigator in February 2018, the “two most recent years” are 2017 and 2018 data, with data through December 31, 2016 and December 31, 2017, respectively. As of the initial launch of the Cost of Capital Navigator in February 2018, “1999–present” is all years from 1999 through 2018. To learn more, please visit dpcostofcapital.com.

Valuation Handbook – U.S. Industry Cost of Capital

Note: The *Valuation Handbook – U.S. Industry Cost of Capital* will be printed and distributed as a physical book one final time in 2018, but the information and data from this book will be added to the *Cost of Capital Navigator* later in 2018 and 2019. Starting in 2019, information and valuation data from this book is scheduled to be available exclusively in the online *Cost of Capital Navigator*.

To learn more about the *Valuation Handbook – U.S. Industry Cost of Capital*, visit:
duffandphelps.onfastspring.com/books.

This annual book provides industry-level cost of capital estimates (cost of equity capital, cost of debt capital, and weighted average cost of capital, or WACC), plus detailed industry-level statistics for sales, market capitalization, capital structure, various levered and unlevered beta estimates (e.g., ordinary-least squares (OLS) beta, sum beta, peer group beta, downside beta, etc.), valuation (trading) multiples, financial and profitability ratios, equity returns, aggregate forward-looking earnings-per share (EPS) growth rates, and more. Over 300 critical industry-level data points are calculated for approximately 180 U.S. industries (depending on data availability). Industries are organized by standard industrial classification (SIC) code.

The *Valuation Handbook – U.S. Industry Cost of Capital* can be used to benchmark, augment, and support the analyst's own custom analysis of the industry in which a subject business, business ownership interest, security, or intangible asset resides.

The *Valuation Handbook – U.S. Industry Cost of Capital* has been published since 2014, and is updated annually with data through March 31 of the current year (e.g., the *2014 Valuation Handbook – U.S. Industry Cost of Capital* is "data through" March 31, 2014; the *2015 Valuation Handbook – U.S. Industry Cost of Capital* is "data through" March 31, 2015, etc.). This book includes three intra-year quarterly updates (June, September, and December).

Valuation Handbook – International Guide to Cost of Capital

Note: *The Valuation Handbook – International Guide to Cost of Capital will be printed and distributed as a physical book one final time in 2018, but the information and data from this book will be added to the Cost of Capital Navigator later in 2018 and 2019. Starting in 2019, information and valuation data from this book is scheduled to be available exclusively in the online Cost of Capital Navigator.*

To learn more about the *Valuation Handbook – International Guide to Cost of Capital*, visit:
duffandphelps.onfastspring.com/books.

This annual book provides country-level equity risk premia (ERPs), relative volatility (RV) factors, and country risk premia (CRPs).

This book can be used to estimate country-level cost of equity capital globally, for up to 188 countries, from the perspective of investors based in any one of up to 56 countries (depending on data availability).

The *Valuation Handbook – International Guide to Cost of Capital* has been published since 2014, and is updated annually with data through December of the previous year and March of the current year (e.g., the *2014 Valuation Handbook – International Guide to Cost of Capital* is "data through" December 31, 2013 and March 31, 2014; the *2015 Valuation Handbook – International Guide to Cost of Capital* is "data through" December 31, 2014 and March 31, 2015, etc.). This book includes one semi-annual update with data through June and September.

"Measuring the impact of country risk in determining the international cost of capital is one of the most vexing issues in finance. Any company doing international cost of capital estimation must, at minimum, consult the Valuation Handbook – International Guide to Cost of Capital".

– **Campbell R. Harvey**, Professor of International Business at the Fuqua School of Business, Duke University

Valuation Handbook – International Industry Cost of Capital

Note: The *Valuation Handbook – International Industry Cost of Capital* will be printed and distributed as a physical book one final time in 2018, but the information and data from this book will be added to the *Cost of Capital Navigator* later in 2018 and 2019. Starting in 2019, information and valuation data from this book is scheduled to be available exclusively in the online *Cost of Capital Navigator*.

To learn more about the *Valuation Handbook – International Industry Cost of Capital*, visit: duffandphelps.onfastspring.com/books.

This annual book provides the same type of rigorous industry-level analysis published in the U.S.-centric *Valuation Handbook – U.S. Industry Cost of Capital*, on a global scale.

This book includes industry-level analyses for four global economic areas: (i) the “World”, (ii) the European Union, (iii) the Eurozone, and (iv) the United Kingdom.⁷ Industries in the book are identified by their Global Industry Classification Standard (GICS) code. Each of the four global economic area's industry analyses are presented in three currencies: (i) the euro (€ or EUR), (ii) the British pound (£ or GBP), and (iii) the U.S. dollar (\$) or USD).

This annual book provides industry level cost of capital estimates (cost of equity capital, cost of debt capital, and weighted average cost of capital, or WACC), plus detailed industry-level statistics for sales, market capitalization, capital structure, various levered and unlevered beta estimates (e.g., ordinary-least squares (OLS) beta, sum beta, peer group beta, downside beta, etc.), valuation (trading) multiples, financial and profitability ratios, equity returns, aggregate forward-looking earnings-per share (EPS) growth rates, and more. Over 300 critical industry-level data points are calculated for each industry (depending on data availability). Industries are organized by global industry classification standard (GICS) code.

The *Valuation Handbook – International Industry Cost of Capital* can be used to benchmark, augment, and support the analyst's own custom analysis of the industry in which a subject business, business ownership interest, security, or intangible asset resides.

The *Valuation Handbook – International Industry Cost of Capital* has been published since 2015, and is updated annually with data through March 31 of the current year (e.g., the *2015 Valuation Handbook – International Industry Cost of Capital* is “data through” March 31, 2015; the *2016 Valuation Handbook – International Industry Cost of Capital* is “data through” March 31, 2016, etc.). This book includes one semi-annual update with data through September.

⁷ In the *Valuation Handbook – International Industry Cost of Capital*, “World” companies are defined as companies that (i) are components of the MSCI ACWI IMI, and (ii) satisfy the rigorous screening requirements that are employed to define the company sets used therein.

Stocks, Bonds, Bills, and Inflation® (SBBI®) Yearbook

Note: There are presently no plans to transition the information and data from the *Stocks, Bonds, Bills, and Inflation® (SBBI®) Yearbook* over to the *Cost of Capital Navigator* platform. This book will continue to be published as a hardcover book.

To learn more about the *Stocks, Bonds, Bills, and Inflation® (SBBI®) Yearbook*, visit:
duffandphelps.onfastspring.com/books.

This annual book has been the definitive annual resource for historical U.S. capital markets performance data for over 30 years.

Starting with the 2016 edition, the *Stocks, Bonds, Bills, and Inflation® (SBBI®) Yearbook* is now produced by Duff & Phelps. The *SBBI® Yearbook* was previously published by Morningstar, Inc. under the name "*Ibbotson Stocks, Bonds, Bills, and Inflation® (SBBI®) Classic Yearbook*".^{8,9,10}

This book includes returns, index values, and statistical analyses of U.S. large company stocks, small company stocks, long-term corporate bonds, long-term government bonds, intermediate-term government bonds, U.S. Treasury bills, and inflation from January 1926 to present (monthly).

Anyone serious about investments or investing needs an appreciation of capital market history. Such an appreciation, which can be gained from this book, is equally valuable to the individual and institutional investor, practitioners and scholars in finance, economics, and business; portfolio strategists, and security analysts seeking to benchmark their own investment performance. The *SBBI® Yearbook* is a thinking person's guide to using historical data to understand the financial markets and make decisions.

⁸ The *SBBI® Classic Yearbook* (as it was known at that time) was published by Morningstar, Inc. from 2007 through 2015, and by Ibbotson Associates in years prior to 2007.

⁹ The *SBBI® Yearbook* provides historical "performance" data of U.S. asset classes, while the other Duff & Phelps data resources provide "valuation" data. Specifically, the other Duff & Phelps data resources focus on U.S. and international valuation data and risk premia (e.g., equity risk premia, risk-free rates, size premia, industry risk premia, betas, industry multiples and other statistics, etc.) for use in valuation models, while the *SBBI® Yearbook* is (i) a history of the returns of the capital markets in the U.S. (thus the name, "*Stocks, Bonds, Bills, and Inflation®*," or "*SBBI®*") from 1926 to the present, and (ii) an analysis of the relative performance of U.S. asset classes. The *SBBI® Yearbook* has been published annually for over 30 years. The *SBBI® Yearbook* does not provide extensive valuation data or methodology.

¹⁰ Beginning with the 2018 edition, the *SBBI® Yearbook* is now self-published by Duff & Phelps. The 2016 and 2017 editions were published by John Wiley & Sons.

Table of Contents

Introduction

Appendix A: Industry by GICS Code	15
Appendix B: Industry List by Industry Name (alphabetical)	17

World: Companies included in the World Region

Appendix C: Companies (Main Set) in Each Industry, by GICS Code, in World	19
Appendix D: Companies (“High-Financial-Risk” Set) in Each Industry, by GICS Code, in World	86
Appendix E: GICS Codes in which Companies (Main Set) are Included, World	97
Appendix F: GICS Codes in which Companies (“High-Financial-Risk” Set) are Included, World	154

European Union: Companies included in the European Union Region

Appendix G: Companies (Main Set) in Each Industry, by GICS Code, in European Union	162
Appendix H: Companies (“High-Financial-Risk” Set) in Each industry, by GICS Code, in European Union	188
Appendix I: GICS Codes in which Companies (Main Set) are Included, European Union	196
Appendix J: GICS Codes in which Companies (“High-Financial-Risk” Set) are Included, European Union	218

Eurozone: Companies included in the Eurozone Region

Appendix K: Companies (Main Set) in Each Industry, by GICS Code, in Eurozone	224
Appendix L: Companies (“High-Financial-Risk” Set) in Each Industry, by GICS Code, in Eurozone	238
Appendix M: GICS Codes in which Companies (Main Set) are Included, Eurozone	243
Appendix N: GICS Codes in which Companies (“High-Financial-Risk” Set) are Included, Eurozone	255

United Kingdom: Companies included in the United Kingdom Region

Appendix O: Companies (Main Set) in Each Industry, by GICS Code, in United Kingdom	259
Appendix P: Companies (“High-Financial-Risk” Set) in Each Industry, by GICS Code, in United Kingdom	266
Appendix Q: GICS Codes in which Companies (Main Set) are Included, United Kingdom	269
Appendix R: GICS Codes in which Companies (“High-Financial-Risk” Set) are Included, United Kingdom	275

Introduction

The hardcover *2018 Valuation Handbook – International Industry Cost of Capital* is published with data through March 31, 2018, and includes one intra-year Semi-annual Update (data through September 30, 2018).¹¹

The *2018 Valuation Handbook – International Industry Cost of Capital* provides industry-level cost of capital estimates (cost of equity, cost of debt, and weighted average cost of capital, or WACC), plus detailed industry-level statistics for sales, market capitalization, capital structure, various levered and unlevered beta estimates (e.g., ordinary-least squares (OLS) beta, sum beta, peer group beta, downside beta, etc.), valuation (trading) multiples, financial and profitability ratios, equity returns, aggregate forward-looking earnings-per-share (EPS) growth rates, and more. The information and statistics in the *2018 International Valuation Handbook – Industry Cost of Capital* can be used by the analyst to (i) benchmark, (ii) augment, and (iii) support his or her own custom analysis of the industry in which a subject business, business ownership interest, security, or intangible asset resides.

The information in the *2018 International Valuation Handbook – Industry Cost of Capital, Semi-annual Update “Company and GICS List”* (this document) is a list of the companies used in the four global areas (the World, the European Union, the Eurozone, and the United Kingdom) presented in the *2018 Valuation Handbook – International Industry Cost of Capital, Semi-annual Update* (data through September 2018). The industry analyses included in each of the four global areas covered in this book are, in turn, separately calculated and presented in each of the following three currencies: (i) the euro (€ or EUR), (ii) the British pound Sterling (£ or GBP), and (iii) the U.S. dollar (\$) or USD). As such, the information herein is specific to the *2018 Valuation Handbook – International Industry Cost of Capital, Semi-annual Update* (data through September 2018), and is not applicable to any other book, update, or document.

¹¹ Semi-annual updates are included, and are not sold separately.

Company and GICS Lists

The company screening process used for identifying the main set of “healthy” companies used for the analyses presented in the *2018 Valuation Handbook – International Industry Cost of Capital* mimics the screening process employed in the Risk Premium Report Study Exhibits that are published in the *Valuation Handbook – U.S. Guide to Cost of Capital*.¹²

The set of companies remaining after this screening process (i) are “seasoned” companies in that they have been traded for several years, (ii) have been selling at least a minimal quantity of product or services, and (iii) have been able to achieve a degree of positive cash flow from operations. The last step in this screening process is identifying “pure play” companies. Pure play companies are defined here as those companies that derive at least 75% of their overall revenue from a single GICS code. The companies identified in this process (“Main Set”) are used in the analyses to calculate the “Median”, “GICS Composite”, “Large Composite”, and “Small Composite” metrics for each industry (data availability allowing). Please note that “high-financial-risk” companies (“High-Financial-Risk Set”) are identified and analyzed separately. A list of companies included in the High-Financial-Risk Set analyses is presented in Appendices D, F, H, J, L, N, P, and R.

For a detailed discussion of the company set selection process employed in the *2018 Valuation Handbook – International Industry Cost of Capital* and its Semi-annual Update, please refer to the section entitled “Company Screening Process” in that book.

¹² The *Valuation Handbook – U.S. Guide to Cost of Capital* includes the data previously published in the Morningstar/Ibbotson *Stocks, Bonds, Bills, and Inflation® (S&P®) Valuation Yearbook* and the Duff & Phelps *Risk Premium Report*. The *Valuation Handbook – U.S. Guide to Cost of Capital* can be used to develop cost of equity estimates for an individual business, business ownership interest, security, or intangible asset. To purchase copies of the *Valuation Handbook – U.S. Guide to Cost of Capital*, or other Duff & Phelps valuation data resources, please go to: duffandphelps.onfastspring.com/books.

Appendix A: Industry by GICS Code

The industries analyzed in the *2018 Valuation Handbook – International Industry Cost of Capital* are presented in Appendix A by GICS code.

10	Energy	3520	Pharmaceuticals, Biotechnology & Life Sciences
1010	Energy	352010	Biotechnology
101010	Energy Equipment & Services	352020	Pharmaceuticals
101020	Oil, Gas & Consumable Fuels	352030	Life Sciences Tools & Services
15	Materials	401010	Banks
1510	Materials	401020	Thrifts & Mortgage Finance
151010	Chemicals	402010	Diversified Financial Services
151020	Construction Materials	402020	Consumer Finance
151030	Containers & Packaging	402030	Capital Markets
151040	Metals & Mining	402040	Mortgage Real Estate Investment Trusts (REITs)
151050	Paper & Forest Products	403010	Insurance
20	Industrials	45	Information Technology
2010	Capital Goods	4510	Software & Services
201010	Aerospace & Defense	451010	Internet Software & Services
201020	Building Products	451020	IT Services
201030	Construction & Engineering	451030	Software
201040	Electrical Equipment	4520	Technology Hardware & Equipment
201050	Industrial Conglomerates	452010	Communications Equipment
201060	Machinery	452020	Technology Hardware, Storage & Peripherals
201070	Trading Companies & Distributors	452030	Electronic Equipment, Instruments & Components
2020	Commercial & Professional Services	4530	Semiconductors & Semiconductor Equipment
202010	Commercial Services & Supplies	50	Telecommunication Services
202020	Professional Services	501010	Diversified Telecommunication Services
2030	Transportation	501020	Wireless Telecommunication Services
203010	Air Freight & Logistics	55	Utilities
203020	Airlines	551010	Electric Utilities
203030	Marine	551020	Gas Utilities
203040	Road & Rail	551030	Multi-Utilities
203050	Transportation Infrastructure	551040	Water Utilities
25	Consumer Discretionary		Independent Power and Renewable Electricity Producers
2510	Automobiles & Components	551050	Producers
251010	Auto Components	601010	Equity Real Estate Investment Trusts (REITs)
251020	Automobiles	601020	Real Estate Management & Development
2520	Consumer Durables & Apparel		
252010	Household Durables		
252020	Leisure Products		
252030	Textiles, Apparel & Luxury Goods		
2530	Consumer Services		
253010	Hotels, Restaurants & Leisure		
253020	Diversified Consumer Services		
2540	Media		
2550	Retailing		
255010	Distributors		
255020	Internet & Direct Marketing Retail		
255030	Multiline Retail		
255040	Specialty Retail		
30	Consumer Staples		
3010	Food & Staples Retailing		
3020	Food, Beverage & Tobacco		
302010	Beverages		
302020	Food Products		
302030	Tobacco		
3030	Household & Personal Products		
303010	Household Products		
303020	Personal Products		
35	Health Care		
3510	Health Care Equipment & Services		
351010	Health Care Equipment & Supplies		
351020	Health Care Providers & Services		
351030	Health Care Technology		

Appendix B:

Industry List by Industry Name (alphabetical)

The industries analyzed in the *2018 Valuation Handbook – International Industry Cost of Capital* are presented in alphabetical order in Appendix B.

Aerospace & Defense	201010
Air Freight & Logistics	203010
Airlines	203020
Auto Components	251010
Automobiles	251020
Automobiles & Components	2510
Banks	401010
Beverages	302010
Biotechnology	352010
Building Products	201020
Capital Goods	2010
Capital Markets	402030
Chemicals	151010
Commercial & Professional Services	2020
Commercial Services & Supplies	202010
Communications Equipment	452010
Construction & Engineering	201030
Construction Materials	151020
Consumer Discretionary	25
Consumer Durables & Apparel	2520
Consumer Finance	402020
Consumer Services	2530
Consumer Staples	30
Containers & Packaging	151030
Distributors	255010
Diversified Consumer Services	253020
Diversified Financial Services	402010
Diversified Telecommunication Services	501010
Electric Utilities	551010
Electrical Equipment	201040
Electronic Equipment, Instruments & Components	452030
Energy	10
Energy	1010
Energy Equipment & Services	101010
Equity Real Estate Investment Trusts (REITs)	601010
Food & Staples Retailing	3010
Food Products	302020
Food, Beverage & Tobacco	3020
Gas Utilities	551020
Health Care	35
Health Care Equipment & Services	3510
Health Care Equipment & Supplies	351010
Health Care Providers & Services	351020
Health Care Technology	351030
Hotels, Restaurants & Leisure	253010
Household & Personal Products	3030
Household Durables	252010
Household Products	303010
Independent Power and Renewable Electricity Producers	551050
Industrial Conglomerates	201050
Industrials	20
Information Technology	45
Insurance	403010
Internet & Direct Marketing Retail	255020
Internet Software & Services	451010
IT Services	451020
Leisure Products	252020
Life Sciences Tools & Services	352030
Machinery	201060
Marine	203030

Materials	15
Materials	1510
Media	2540
Metals & Mining	151040
Mortgage Real Estate Investment Trusts (REITs)	402040
Multiline Retail	255030
Multi-Utilities	551030
Oil, Gas & Consumable Fuels	101020
Paper & Forest Products	151050
Personal Products	303020
Pharmaceuticals	352020
Pharmaceuticals, Biotechnology & Life Sciences	3520
Professional Services	202020
Real Estate Management & Development	601020
Retailing	2550
Road & Rail	203040
Semiconductors & Semiconductor Equipment	4530
Software	451030
Software & Services	4510
Specialty Retail	255040
Technology Hardware & Equipment	4520
Technology Hardware, Storage & Peripherals	452020
Telecommunication Services	50
Textiles, Apparel & Luxury Goods	252030
Thrifts & Mortgage Finance	401020
Tobacco	302030
Trading Companies & Distributors	201070
Transportation	2030
Transportation Infrastructure	203050
Utilities	55
Water Utilities	551040
Wireless Telecommunication Services	501020

Appendix C: Companies (Main Set) in Each Industry, by GICS Code, in World

In appendix C, a listing of companies in the main set of "healthy" companies for each GICS code in the World region is presented.

GICS 10

Advantage Oil & Gas Ltd.
Aegis Logistics Limited
AltaGas Ltd.
Amerisur Resources PLC
Anton Oilfield Services G
ARC Resources Ltd.
Banpu Public Company Limi
Bharat Petroleum Corporat
Birchcliff Energy Ltd.
Bonterra Energy Corp
BP p.l.c.
Cabot Oil & Gas Corporati
Caltex Australia Limited
Cameco Corporation
Canadian Natural Resource
Genovus Energy Inc.
CES Energy Solutions Corp
Chennai Petroleum Corpora
Chevron Corporation
China Aviation Oil (Singa
China Petroleum & Chemica
China Shenhua Energy Comp
CNOOC Limited
Coal India Limited
Computer Modelling Group
ConocoPhillips
Continental Resources, In
Cosan S.A. Indústria e Co
CVR Energy, Inc.
Delek US Holdings, Inc.
Dialog Group Berhad
Diamond Offshore Drilling
DNO ASA
Dril-Quip, Inc.
Ecopetrol S.A.
Empresas Copec S.A.
Enagás, S.A.
Enbridge Inc.
Enerflex Ltd.
Ensign Energy Services In
EOG Resources, Inc.
EQT Corporation
Esso (Thailand) Public Co
Euronav NV
Exxaro Resources Limited
Exxon Mobil Corporation
Formosa Petrochemical Cor
Freehold Royalties Ltd.
Gujarat Mineral Developme
Hankook Shell Oil Co.,Ltd
Helmerich & Payne, Inc.
Hilong Holding Limited
Hindustan Petroleum Corpo
HollyFrontier Corporation
Husky Energy Inc.
Idemitsu Kosan Co.,Ltd.
Imperial Oil Limited
Indian Oil Corporation Li
Inpex Corporation
Inter Pipeline Ltd.

Itochu Enex Co.,Ltd.
Japan Petroleum Explorati
John Wood Group PLC
Jutal Offshore Oil Servic
JXTG Holdings, Inc.
Keyera Corp.
Kinder Morgan, Inc.
Kunlun Energy Company Lim
Lubelski Wegiel Bogdanka
Marathon Petroleum Corpor
Matrix Service Company
MODEC, Inc.
Mullen Group Ltd.
Naphtha Israel Petroleum
National Refinery Limited
Natural Gas Services Grou
Newpark Resources, Inc.
Oasis Petroleum Inc.
Oil and Gas Development C
Oil and Natural Gas Corpo
Oil Refineries Ltd.
Oil Search Limited
OMV Aktiengesellschaft
ONEOK, Inc.
Pakistan Oilfields Limite
Pakistan State Oil Compan
PAO NOVATEK
PAO TMK
Parex Resources Inc.
Parkland Fuel Corporation
Pason Systems Inc.
PBF Energy Inc.
Pembina Pipeline Corporat
PetroChina Company Limite
Petron Corporation
Petron Malaysia Refining
PETRONAS Dagangan Berhad
Petronet LNG Limited
Peyto Exploration & Devel
Phillips 66
PJSC LUKOIL
PT Adaro Energy Tbk
PT Bukit Asam Tbk
PT Delta Dunia Makmur Tbk
PT Indo Tambangraya Megah
PT Medco Energi Internasi
PT United Tractors Tbk
PT. Harum Energy Tbk
PTT Exploration and Produ
Public Joint Stock Compan
Public Joint Stock Compan
Qatar Gas Transport Compa
QGEP Participações S.A.
Raging River Exploration
Repsol, S.A.
REX American Resources Co
Royal Dutch Shell plc
RPC, Inc.
San-Ai Oil Co., Ltd.
SBM Offshore N.V.
Schlumberger Limited

Shawcor Ltd.
Shinko Plantech Co., Ltd.
Showa Shell Sekiyu K.K.
Siamgas and Petrochemical
Sinanen Holdings Co Ltd
Sinopec Kantons Holdings
SK Gas Co., Ltd.
SK Innovation Co., Ltd.
Snam S.p.A.
SOCO International plc
S-Oil Corporation
Stobart Group Limited
Strong Petrochemical Hold
Subsea 7 S.A.
Suncor Energy Inc.
Surgutneftegas Public Joi
Técnicas Reunidas, S.A.
Tenaris S.A.
TGS-NOPEC Geophysical Com
Thai Oil Public Company L
The New Zealand Refining
The Williams Companies, I
Total Energy Services Inc
Tourmaline Oil Corp.
Toyo Kanetsu Kabushiki Ka
TransCanada Corporation
Türkiye Petrol Rafinerile
U.S. Silica Holdings, Inc
Ultrapar Participações S.
Valero Energy Corporation
Vermilion Energy Inc.
Washington H. Soul Pattin
Whitecap Resources Inc.
Woodside Petroleum Ltd
Yanzhou Coal Mining Compa
Yinson Holdings Berhad

GICS 1010

Advantage Oil & Gas Ltd.
Aegis Logistics Limited
AltaGas Ltd.
Amerisur Resources PLC
Anton Oilfield Services G
ARC Resources Ltd.
Banpu Public Company Limi
Bharat Petroleum Corporat
Birchcliff Energy Ltd.
Bonterra Energy Corp
BP p.l.c.
Cabot Oil & Gas Corporati
Caltex Australia Limited
Cameco Corporation
Canadian Natural Resource
Genovus Energy Inc.
CES Energy Solutions Corp
Chennai Petroleum Corpora
Chevron Corporation
China Aviation Oil (Singa
China Petroleum & Chemica
China Shenhua Energy Comp
CNOOC Limited

Coal India Limited
 Computer Modelling Group
 ConocoPhillips
 Continental Resources, In
 Cosan S.A. Indústria e Co
 CVR Energy, Inc.
 Delek US Holdings, Inc.
 Dialog Group Berhad
 Diamond Offshore Drilling
 DNO ASA
 Dril-Quip, Inc.
 Ecopetrol S.A.
 Empresas Copec S.A.
 Enagás, S.A.
 Enbridge Inc.
 Enerflex Ltd.
 Ensign Energy Services In
 EOG Resources, Inc.
 EQT Corporation
 Esso (Thailand) Public Co
 Euronav NV
 Exxaro Resources Limited
 Exxon Mobil Corporation
 Formosa Petrochemical Cor
 Freehold Royalties Ltd.
 Gujarat Mineral Developme
 Hankook Shell Oil Co.,Ltd
 Helmerich & Payne, Inc.
 Hilong Holding Limited
 Hindustan Petroleum Corpo
 HollyFrontier Corporation
 Husky Energy Inc.
 Idemitsu Kosan Co.,Ltd.
 Imperial Oil Limited
 Indian Oil Corporation Li
 Inpex Corporation
 Inter Pipeline Ltd.
 Itochu Enex Co.,Ltd.
 Japan Petroleum Explorati
 John Wood Group PLC
 Jutal Offshore Oil Servic
 JXTG Holdings, Inc.
 Keyera Corp.
 Kinder Morgan, Inc.
 Kunlun Energy Company Lim
 Lubelski Wegiel Bogdanka
 Marathon Petroleum Corpor
 Matrix Service Company
 MODEC, Inc.
 Mullen Group Ltd.
 Naphtha Israel Petroleum
 National Refinery Limited
 Natural Gas Services Grou
 Newport Resources, Inc.
 Oasis Petroleum Inc.
 Oil and Gas Development C
 Oil and Natural Gas Corpo
 Oil Refineries Ltd.
 Oil Search Limited
 OMV Aktiengesellschaft
 ONEOK, Inc.

Pakistan Oilfields Limite
 Pakistan State Oil Compan
 PAO NOVATEK
 PAO TMK
 Parex Resources Inc.
 Parkland Fuel Corporation
 Pason Systems Inc.
 PBF Energy Inc.
 Pembina Pipeline Corporat
 PetroChina Company Limite
 Petron Corporation
 Petron Malaysia Refining
 PETRONAS Dagangan Berhad
 Petronet LNG Limited
 Peyto Exploration & Devel
 Phillips 66
 PJSC LUKOIL
 PT Adaro Energy Tbk
 PT Bukit Asam Tbk
 PT Delta Dunia Makmur Tbk
 PT Indo Tambangraya Megah
 PT Medco Energi Internasi
 PT United Tractors Tbk
 PT. Harum Energy Tbk
 PTT Exploration and Produ
 Public Joint Stock Compan
 Public Joint Stock Compan
 Qatar Gas Transport Compa
 QGEP Participações S.A.
 Raging River Exploration
 Repsol, S.A.
 REX American Resources Co
 Royal Dutch Shell plc
 RPC, Inc.
 San-Ai Oil Co., Ltd.
 SBM Offshore N.V.
 Schlumberger Limited
 Shawcor Ltd.
 Shinko Plantech Co., Ltd.
 Showa Shell Sekiyu K.K.
 Siamgas and Petrochemical
 Sinanen Holdings Co Ltd
 Sinopec Kantons Holdings
 SK Gas Co., Ltd.
 SK Innovation Co., Ltd.
 Snam S.p.A.
 SOCO International plc
 S-Oil Corporation
 Strong Petrochemical Hold
 Subsea 7 S.A.
 Suncor Energy Inc.
 Surgutneftegas Public Joi
 Técnicas Reunidas, S.A.
 Tenaris S.A.
 TGS-NOPEC Geophysical Com
 Thai Oil Public Company L
 The New Zealand Refining
 The Williams Companies, I
 Total Energy Services Inc
 Tourmaline Oil Corp.
 Toyo Kanetsu Kabushiki Ka

TransCanada Corporation
 Türkiye Petrol Rafinerile
 U.S. Silica Holdings, Inc
 Ultrapar Participações S.
 Valero Energy Corporation
 Vermilion Energy Inc.
 Washington H. Soul Pattin
 Whitecap Resources Inc.
 Woodside Petroleum Ltd
 Yanzhou Coal Mining Compa
 Yinson Holdings Berhad

GICS 101010

Anton Oilfield Services G
 CES Energy Solutions Corp
 Computer Modelling Group
 Dialog Group Berhad
 Diamond Offshore Drilling
 Dril-Quip, Inc.
 Enerflex Ltd.
 Ensign Energy Services In
 Helmerich & Payne, Inc.
 Hilong Holding Limited
 John Wood Group PLC
 Jutal Offshore Oil Servic
 MODEC, Inc.
 Mullen Group Ltd.
 Natural Gas Services Grou
 Newport Resources, Inc.
 PAO TMK
 Pason Systems Inc.
 RPC, Inc.
 SBM Offshore N.V.
 Schlumberger Limited
 Shawcor Ltd.
 Shinko Plantech Co., Ltd.
 Subsea 7 S.A.
 Técnicas Reunidas, S.A.
 Tenaris S.A.
 TGS-NOPEC Geophysical Com
 Total Energy Services Inc
 Toyo Kanetsu Kabushiki Ka
 U.S. Silica Holdings, Inc
 Yinson Holdings Berhad

GICS 101020

Advantage Oil & Gas Ltd.
 Aegis Logistics Limited
 AltaGas Ltd.
 Amerisur Resources PLC
 ARC Resources Ltd.
 Banpu Public Company Limi
 Bharat Petroleum Corporat
 Birchcliff Energy Ltd.
 Bonterra Energy Corp
 BP p.l.c.
 Cabot Oil & Gas Corporati
 Caltex Australia Limited
 Cameco Corporation
 Canadian Natural Resource
 Cenovus Energy Inc.

Chennai Petroleum Corpora
 Chevron Corporation
 China Aviation Oil (Singa
 China Petroleum & Chemica
 China Shenhua Energy Comp
 CNOOC Limited
 Coal India Limited
 ConocoPhillips
 Continental Resources, In
 Cosan S.A. Indústria e Co
 CVR Energy, Inc.
 Delek US Holdings, Inc.
 DNO ASA
 Ecopetrol S.A.
 Empresas Copec S.A.
 Enagás, S.A.
 Enbridge Inc.
 EOG Resources, Inc.
 EQT Corporation
 Esso (Thailand) Public Co
 Euronav NV
 Exxaro Resources Limited
 Exxon Mobil Corporation
 Formosa Petrochemical Cor
 Freehold Royalties Ltd.
 Gujarat Mineral Developme
 Hankook Shell Oil Co.,Ltd
 Hindustan Petroleum Corpo
 HollyFrontier Corporation
 Husky Energy Inc.
 Idemitsu Kosan Co.,Ltd.
 Imperial Oil Limited
 Indian Oil Corporation Li
 Inpex Corporation
 Inter Pipeline Ltd.
 Itochu Enex Co.,Ltd.
 Japan Petroleum Explorati
 JXTG Holdings, Inc.
 Keyera Corp.
 Kinder Morgan, Inc.
 Kunlun Energy Company Lim
 Lubelski Wegiel Bogdanka
 Marathon Petroleum Corpor
 Naphtha Israel Petroleum
 National Refinery Limited
 Oasis Petroleum Inc.
 Oil and Gas Development C
 Oil and Natural Gas Corpo
 Oil Refineries Ltd.
 Oil Search Limited
 OMV Aktiengesellschaft
 ONEOK, Inc.
 Pakistan Oilfields Limite
 Pakistan State Oil Compan
 PAO NOVATEK
 Parex Resources Inc.
 Parkland Fuel Corporation
 PBF Energy Inc.
 Pembina Pipeline Corporat
 PetroChina Company Limite
 Petron Corporation

Petron Malaysia Refining
 PETRONAS Dagangan Berhad
 Petronet LNG Limited
 Peyto Exploration & Devel
 Phillips 66
 PJSC LUKOIL
 PT Adaro Energy Tbk
 PT Bukit Asam Tbk
 PT Delta Dunia Makmur Tbk
 PT Indo Tambangraya Megah
 PT Medco Energi Internasi
 PT United Tractors Tbk
 PT. Harum Energy Tbk
 PTT Exploration and Produ
 Public Joint Stock Compan
 Public Joint Stock Compan
 Qatar Gas Transport Compa
 QGEP Participações S.A.
 Raging River Exploration
 Repsol, S.A.
 REX American Resources Co
 Royal Dutch Shell plc
 San-Ai Oil Co., Ltd.
 Showa Shell Sekiyu K.K.
 Siamgas and Petrochemical
 Sinanen Holdings Co Ltd
 Sinopec Kantons Holdings
 SK Gas Co., Ltd.
 SK Innovation Co., Ltd.
 Snam S.p.A.
 SOCO International plc
 S-Oil Corporation
 Strong Petrochemical Hold
 Suncor Energy Inc.
 Surgutneftegas Public Joi
 Thai Oil Public Company L
 The New Zealand Refining
 The Williams Companies, I
 Tourmaline Oil Corp.
 TransCanada Corporation
 Türkiye Petrol Rafinerile
 Ultrapar Participações S.
 Valero Energy Corporation
 Vermilion Energy Inc.
 Washington H. Soul Pattin
 Whitecap Resources Inc.
 Woodside Petroleum Ltd
 Yanzhou Coal Mining Compa

GICS 15

Aarti Industries Limited
 ACC Limited
 Acerinox, S.A.
 Adelaide Brighton Limited
 African Rainbow Minerals
 Agnico Eagle Mines Limite
 Aichi Steel Corporation
 Air Products and Chemical
 AK Holdings, Inc.
 Akçansa Çimento Sanayi ve
 Akzo Nobel India Limited

Akzo Nobel N.V.
 Albemarle Corporation
 Alexandria Mineral Oils C
 Altri, S.G.P.S., S.A.
 Ambuja Cements Limited
 Amcor Limited
 American Vanguard Corpora
 AMG Advanced Metallurgica
 Anadolu Cam Sanayii A.S.
 Anhui Conch Cement Compan
 Antofagasta plc
 APL Apollo Tubes Limited
 Arkema S.A.
 Asahi Holdings, Inc.
 Ashland Global Holdings I
 Asia Cement (China) Holdi
 Asia Cement Corporation
 Asia Polymer Corporation
 Asian Paints Limited
 Assore Limited
 Aurubis AG
 Avery Dennison Corporatio
 Balchem Corporation
 Ball Corporation
 BASF India Limited
 BASF SE
 Bayer CropScience Limited
 Bemis Company, Inc.
 BHP Billiton Limited
 BillerudKorsnäs AB (publ)
 Birla Corporation Limited
 Boliden AB
 Boral Limited
 Borregaard ASA
 Boryszew S.A.
 Braskem S.A.
 Brickworks Limited
 Buzzi Unicem SpA
 C.I. Takiron Corporation
 Cabot Corporation
 Canfor Corporation
 Carpenter Technology Corp
 Cascades Inc.
 CCL Industries Inc.
 Celanese Corporation
 Cementir Holding S.p.A.
 Cementos Argos S.A.
 Centerra Gold Inc.
 Central Asia Metals Plc
 Century Plyboards (India)
 Century Textiles and Indu
 CF Industries Holdings, I
 Chambal Fertilisers and C
 Chase Corporation
 CHC Resources Corporation
 Cheng Loong Corporation
 China BlueChemical Ltd.
 China General Plastics Co
 China Gold International
 China Metal Products Co.,
 China Molybdenum Co., Ltd

China Steel Chemical Corp
 China Steel Corporation
 Chugoku Marine Paints, Lt
 Chung Hwa Pulp Corporatio
 Çimsa Çimento Sanayi ve T
 Clariant AG
 Commercial Metals Company
 Companhia Siderúrgica Nac
 Compass Minerals Internat
 Corbion N.V.
 Coromandel International
 CPMC Holdings Limited
 CRH plc
 Croda International plc
 Crown Holdings, Inc.
 D&L Industries, Inc.
 D.G. Khan Cement Company
 Da Ming International Hol
 Daicel Corporation
 Daido Steel Co., Ltd.
 Daiken Corporation
 Dainichiseika Color & Che
 Dalmia Bharat Limited
 Deepak Fertilisers And Pe
 Denka Company Limited
 Dhanuka Agritech Limited
 DIC Corporation
 Domtar Corporation
 Dongjin Semichem Co., Ltd
 Dongwha Enterprise Co., L
 DowDuPont Inc.
 DS Smith Plc
 E.I.D.- Parry (India) Lim
 Eagle Materials Inc.
 Eastman Chemical Company
 Elementis plc
 EMS-CHEMIE HOLDING AG
 ENCE Energia y Celulosa,
 Engro Corporation Limited
 Eregli Demir ve Çelik Fab
 Essel Propack Limited
 Eternal Materials Co., Lt
 Eugene Corporation
 Everlight Chemical Indust
 Fauji Cement Company Limi
 Fauji Fertilizer Company
 Feng Hsin Steel Co.,Ltd
 Ferrexpo Plc
 Fibria Celulose S.A.
 First Quantum Minerals Lt
 FMC Corporation
 Foosung Co., Ltd.
 Formosa Chemicals & Fibre
 Formosa Plastics Corporat
 Fortescue Metals Group Li
 FP Corporation
 Franco-Nevada Corporation
 Fresnillo PLC
 Frutarom Industries Ltd.
 Fufeng Group Limited
 Fuji Seal International,

Fujimori Kogyo Co., Ltd.
 Fuso Chemical Co.,Ltd.
 FutureFuel Corp.
 Gloria Material Technolog
 Grand Pacific Petrochemic
 Graphic Packaging Holding
 Grasim Industries Limited
 Great China Metal Ind. Co
 Greatview Aseptic Packagi
 Greenply Industries Limit
 Greif, Inc.
 Groupe Guillin S.A.
 Grupo México, S.A.B. de C
 Gübre Fabrikalari T.A.S.
 Gujarat Alkalies and Chem
 Gujarat Fluorochemicals L
 Gujarat Narmada Valley Fe
 H&R GmbH & Co. KGaA
 H.B. Fuller Company
 Hanil Holdings Co.,Ltd.
 Hansol Chemical Co., Ltd.
 Haynes International, Inc
 HeidelbergCement India Li
 HEXPOL AB (publ)
 Hill & Smith Holdings PLC
 Himadri Speciality Chemic
 Hindalco Industries Limit
 Hitachi Chemical Company,
 Hitachi Metals, Ltd.
 Ho Tung Chemical Corp.
 Hodogaya Chemical Co., Lt
 Hokuetsu Kishu Paper Co.,
 Huabao International Hold
 Huaxin Cement Co., Ltd.
 Huchems Fine Chemical Cor
 Huhtamäki Oyj
 Huntsman Corporation
 Hyundai Steel Company
 Iluka Resources Limited
 Imerys SA
 Incitec Pivot Limited
 Indorama Ventures Public
 Industrias Peñoles, S.A.B
 Innophos Holdings, Inc.
 Interfor Corporation
 International Paper Compa
 International Steels Limi
 Intertape Polymer Group I
 Ishihara Sangyo Kaisha, L
 Israel Chemicals Ltd.
 J.K. Cement Limited
 JCU Corporation
 Jiangxi Copper Company Li
 Jindal Saw Limited
 JK Lakshmi Cement Limited
 Johnson Matthey Plc
 JSP Corporation
 JSR Corporation
 JSW Steel Limited
 K+S Aktiengesellschaft
 Kaiser Aluminum Corporati

Kaneka Corporation
 Kansai Paint Co., Ltd.
 Kanto Denka Kogyo Co., Lt
 Kemira Oyj
 KGHM Polska Miedz Spółka
 Kirkland Lake Gold Ltd.
 KISCO Corp.
 KisWire Ltd.
 Klabin S.A.
 Koatsu Gas Kogyo Co., Ltd
 Kolon Industries, Inc.
 Konishi Co., Ltd.
 Korea Petrochemical Ind.
 Korea Zinc Co., Ltd.
 Koza Altin Isletmeleri A.
 Kraton Corporation
 Kukdo Chemical Co., Ltd.
 Kumba Iron Ore Limited
 Kumho Petrochemical Co.,
 Kumiai Chemical Industry
 Kyoei Steel Ltd.
 Labrador Iron Ore Royalty
 Lafarge Malaysia Berhad
 LafargeHolcim Ltd
 L'Air Liquide S.A.
 LCY Chemical Corp.
 Lee and Man Paper Manufac
 Lenzing Aktiengesellschaft
 Linde Aktiengesellschaft
 Lock&Lock Co., Ltd.
 Long Chen Paper Co., Ltd.
 Lotte Chemical Corporatio
 LOTTE Fine Chemical Co.,
 Louisiana-Pacific Corpora
 Lucara Diamond Corp.
 Lucky Cement Limited
 Lundin Mining Corporation
 Maple Leaf Cement Factory
 Marshalls plc
 Martin Marietta Materials
 Maruichi Steel Tube Ltd.
 Materion Corporation
 Mercer International Inc.
 Methanex Corporation
 Metsä Board Oyj
 Mineral Resources Limited
 Minerals Technologies Inc
 Miquel y Costas & Miquel,
 Mitsubishi Chemical Holdi
 Mitsubishi Gas Chemical C
 Mitsubishi Steel Mfg. Co.
 Mitsui Chemicals, Inc.
 MOIL Limited
 Mondi plc
 Monsanto Company
 Monsanto India Limited
 Mpact Limited
 Namhae Chemical Corporati
 National Aluminium Compan
 Neenah, Inc.
 Nevsun Resources Ltd.

Nickel Asia Corporation
 Nihon Nohyaku Co., Ltd.
 Nine Dragons Paper (Holdi
 Nippon Denko Co., Ltd.
 Nippon Light Metal Holdin
 Nippon Paint Holdings Co.
 Nippon Paper Industries C
 Nippon Shokubai Co., Ltd.
 NIPPON STEEL & SUMITOMO M
 Nittetsu Mining Co., Ltd.
 Norbord Inc.
 Northern Star Resources L
 Novolipetsk Steel
 Novozymes A/S
 Nucor Corporation
 Nufarm Limited
 Nutrien Ltd.
 NV Bekaert SA
 OceanaGold Corporation
 Oeneo SA
 Oji Holdings Corporation
 Olin Corporation
 Omnia Holdings Limited
 Orica Limited
 Oriental Union Chemical C
 Osaka Soda Co., Ltd.
 Osaka Steel Co., Ltd.
 Owens-Illinois, Inc.
 OZ Minerals Limited
 P. H. Glatfelter Company
 Packages Limited
 Packaging Corporation of
 PAO Severstal
 Papeles y Cartones de Eur
 Petkim Petrokimya Holding
 Petra Diamonds Limited
 PETRONAS Chemicals Group
 PI Industries Limited
 PJSC PhosAgro
 Plastiques du Val de Loir
 Polyplex (Thailand) Publi
 Poongsan Holdings Corpora
 Posco Chemtech Company Lt
 PPC Ltd
 PPG Industries, Inc.
 Praxair, Inc.
 Press Metal Aluminium Hol
 PT Aneka Tambang Tbk
 PT Indocement Tungal Pra
 PT Semen Indonesia (Perse
 PT Timah Tbk
 Public Joint Stock Compan
 Public Joint Stock Compan
 Public Joint Stock Compan
 Qatar National Cement Com
 Quaker Chemical Corporati
 Rain Industries Limited
 Rallis India Limited
 Randgold Resources Limite
 Regis Resources Limited
 Reliance Steel & Aluminum
 Rengo Co., Ltd.
 Resolute Mining Limited
 RHI Magnesita N.V.
 Rio Tinto plc
 RPC Group Plc
 RPM International Inc.
 Sakai Chemical Industry C
 Sakata INX Corporation
 San Fang Chemical Industr
 Sandfire Resources NL
 Sanyo Chemical Industries
 Sanyo Special Steel Co.,
 Sappi Limited
 Saracen Mineral Holdings
 Sasa Polyester Sanayi A.S
 Schweitzer-Mauduit Intern
 SeAH Besteel Corporation
 SeAH Steel Corporation
 Sekisui Plastics Co., Ltd
 SEMAFO Inc.
 Shandong Chenming Paper H
 Shikoku Chemicals Corpora
 Shin-Etsu Polymer Co.,Ltd
 Shinkong Synthetic Fibers
 Shougang Fushan Resources
 Showa Denko K.K.
 Shree Cement Limited
 Sibanye Gold Limited
 Sidi Kerir Petrochemicals
 Sika AG
 Silgan Holdings Inc.
 Sinopec Shanghai Petroche
 SK Materials Co., Ltd.
 SKC Co., Ltd.
 Smurfit Kappa Group plc
 Sociedad Química y Minera
 Soda Sanayii A.S.
 Solvay SA
 Songwon Industrial Co., L
 Sonoco Products Company
 Soulbrain Co.,Ltd.
 Southern Copper Corporati
 Ssangyong Cement Industri
 Stalprodukt S.A.
 Steel Dynamics, Inc.
 Stella Chemifa Corporatio
 Stella-Jones Inc.
 Stepan Company
 Sto SE & Co. KGaA
 Stora Enso Oyj
 Sumitomo Metal Mining Co.
 Sumitomo Osaka Cement Co.
 Sumitomo Seika Chemicals
 SunCoke Energy, Inc.
 Suzano Papel e Celulose S
 Svenska Cellulosa Aktiebo
 Synthomer plc
 T. Hasegawa Co., Ltd.
 Ta Chen Stainless Pipe Co
 Taekwang Industrial Co.,
 Taiwan Cement Corp.
 Taiwan Fertilizer Co., Lt
 Taiwan Hon Chuan Enterpri
 Taiwan Styrene Monomer Co
 Taiyo Holdings Co., Ltd.
 Taiyo Nippon Sanso Corpor
 Takasago International Co
 Tata Steel Limited
 Tayca Corporation
 Teck Resources Limited
 Tenma Corporation
 The India Cements Limited
 The Navigator Company, S.
 The Pack Corporation
 The Ramco Cements Limited
 The Scotts Miracle-Gro Co
 The Sherwin-Williams Comp
 The Siam Cement Public Co
 Tikkurila Oyj
 Titan Cement Company S.A.
 Toagosei Co., Ltd.
 Toho Zinc Co., Ltd.
 Tokai Carbon Co., Ltd.
 Tokushu Tokai Paper Co.,
 Tokyo Ohka Kogyo Co., Ltd
 Ton Yi Industrial Corp.
 Tosoh Corporation
 Toyo Ink SC Holdings Co.,
 Toyo Kohan Co., Ltd.
 Toyo Seikan Group Holding
 Tredegar Corporation
 TSRC Corporation
 Tubacex, S.A.
 Tung Ho Steel Enterprise
 U.S. Concrete, Inc.
 UACJ Corporation
 Ube Industries, Ltd.
 Uflex Limited
 UNID Company Ltd.
 Universal Cement Corporat
 UPC Technology Corporatio
 UPL Limited
 USI Corporation
 Vale S.A.
 Vicat SA
 Victrex plc
 Vinati Organics Limited
 Vinythai Public Company L
 Voestalpine AG
 Vulcan Materials Company
 W. R. Grace & Co.
 Wacker Chemie AG
 Welspun Corp Limited
 West Fraser Timber Co. Lt
 Western Forest Products I
 WestRock Company
 Wheaton Precious Metals C
 Wienerberger AG
 Wipac Ltd.
 Wonik Materials Co., Ltd.
 W-SCOPE Corporation
 Yamato Kogyo Co., Ltd.

YC Inox Co., Ltd.
 Yeong Guan Energy Technol
 YFY Inc.
 Yieh Phui Enterprise Co.,
 Yodogawa Steel Works, Ltd
 Youlchon Chemical Co.,Ltd
 Youyuan International Hol
 Yung Chi Paint & Varnish
 ZEON Corporation
 Zhaojin Mining Industry C
 Zignago Vetro S.p.A.
 Zijin Mining Group Compan

Brickworks Limited
 Buzzi Unicem SpA
 C.I. Takiron Corporation
 Cabot Corporation
 Canfor Corporation
 Carpenter Technology Corp
 Cascades Inc.
 CCL Industries Inc.
 Celanese Corporation
 Cementir Holding S.p.A.
 Cementos Argos S.A.
 Centerra Gold Inc.
 Central Asia Metals Plc
 Century Plyboards (India)
 Century Textiles and Indu
 CF Industries Holdings, I
 Chambal Fertilisers and C
 Chase Corporation
 CHC Resources Corporation
 Cheng Loong Corporation
 China BlueChemical Ltd.
 China General Plastics Co
 China Gold International
 China Metal Products Co.,
 China Molybdenum Co., Ltd
 China Steel Chemical Corp
 China Steel Corporation
 Chugoku Marine Paints, Lt
 Chung Hwa Pulp Corporatio
 Çimsa Çimento Sanayi ve T
 Clariant AG
 Commercial Metals Company
 Companhia Siderúrgica Nac
 Compass Minerals Internat
 Corbion N.V.
 Coromandel International
 CPMC Holdings Limited
 CRH plc
 Croda International plc
 Crown Holdings, Inc.
 D&L Industries, Inc.
 D.G. Khan Cement Company
 Da Ming International Hol
 Daicel Corporation
 Daido Steel Co., Ltd.
 Daiken Corporation
 Dainichiseika Color & Che
 Dalmia Bharat Limited
 Deepak Fertilisers And Pe
 Denka Company Limited
 Dhanuka Agritech Limited
 DIC Corporation
 Domtar Corporation
 Dongjin Semichem Co., Ltd
 Dongwha Enterprise Co., L
 DowDuPont Inc.
 DS Smith Plc
 Eagle Materials Inc.
 Eastman Chemical Company
 Elementis plc
 EMS-CHEMIE HOLDING AG

ENCE Energía y Celulosa,
 Engro Corporation Limited
 Eregli Demir ve Çelik Fab
 Essel Propack Limited
 Eternal Materials Co., Lt
 Eugene Corporation
 Everlight Chemical Indust
 Fauji Cement Company Limi
 Fauji Fertilizer Company
 Feng Hsin Steel Co.,Ltd
 Ferrexpo Plc
 Fibria Celulose S.A.
 First Quantum Minerals Lt
 FMC Corporation
 Foosung Co., Ltd.
 Formosa Chemicals & Fibre
 Formosa Plastics Corporat
 Fortescue Metals Group Li
 FP Corporation
 Franco-Nevada Corporation
 Fresnillo PLC
 Frutarom Industries Ltd.
 Fufeng Group Limited
 Fuji Seal International,
 Fujimori Kogyo Co., Ltd.
 Fuso Chemical Co.,Ltd.
 FutureFuel Corp.
 Gloria Material Technolog
 Grand Pacific Petrochemic
 Graphic Packaging Holding
 Gasim Industries Limited
 Great China Metal Ind. Co
 Greatview Aseptic Packagi
 Greenply Industries Limit
 Greif, Inc.
 Groupe Guillin S.A.
 Grupo México, S.A.B. de C
 Gübre Fabrikalari T.A.S.
 Gujarat Alkalies and Chem
 Gujarat Fluorochemicals L
 Gujarat Narmada Valley Fe
 H&R GmbH & Co. KGaA
 H.B. Fuller Company
 Hanil Holdings Co.,Ltd.
 Hansol Chemical Co., Ltd.
 Haynes International, Inc
 HeidelbergCement India Li
 HEXPOL AB (publ)
 Hill & Smith Holdings PLC
 Himadri Speciality Chemic
 Hindalco Industries Limit
 Hitachi Chemical Company,
 Hitachi Metals, Ltd.
 Ho Tung Chemical Corp.
 Hodogaya Chemical Co., Lt
 Hokuetsu Kishu Paper Co.,
 Huaxin Cement Co., Ltd.
 Huchems Fine Chemical Cor
 Huhtamäki Oyj
 Huntsman Corporation
 Hyundai Steel Company

GICS 1510

Aarti Industries Limited
 ACC Limited
 Acerinox, S.A.
 Adelaide Brighton Limited
 African Rainbow Minerals
 Agnico Eagle Mines Limite
 Aichi Steel Corporation
 Air Products and Chemical
 AK Holdings, Inc.
 Akçansa Çimento Sanayi ve
 Akzo Nobel India Limited
 Akzo Nobel N.V.
 Albemarle Corporation
 Alexandria Mineral Oils C
 Altri, S.G.P.S., S.A.
 Ambuja Cements Limited
 Amcor Limited
 American Vanguard Corpora
 AMG Advanced Metallurgica
 Anadolu Cam Sanayii A.S.
 Anhui Conch Cement Compan
 Antofagasta plc
 APL Apollo Tubes Limited
 Arkema S.A.
 Asahi Holdings, Inc.
 Ashland Global Holdings I
 Asia Cement (China) Holdi
 Asia Cement Corporation
 Asia Polymer Corporation
 Asian Paints Limited
 Assore Limited
 Aurubis AG
 Avery Dennison Corporatio
 Balchem Corporation
 Ball Corporation
 BASF India Limited
 BASF SE
 Bayer CropScience Limited
 Bemis Company, Inc.
 BHP Billiton Limited
 BillerudKorsnäs AB (publ)
 Birla Corporation Limited
 Boliden AB
 Boral Limited
 Borregaard ASA
 Boryszew S.A.
 Braskem S.A.

Iluka Resources Limited
 Imerys SA
 Incitec Pivot Limited
 Indorama Ventures Public
 Industrias Peñoles, S.A.B
 Innophos Holdings, Inc.
 Interfor Corporation
 International Paper Compa
 International Steels Limi
 Intertape Polymer Group I
 Ishihara Sangyo Kaisha, L
 Israel Chemicals Ltd.
 J.K. Cement Limited
 JCU Corporation
 Jiangxi Copper Company Li
 Jindal Saw Limited
 JK Lakshmi Cement Limited
 Johnson Matthey Plc
 JSP Corporation
 JSR Corporation
 JSW Steel Limited
 K+S Aktiengesellschaft
 Kaiser Aluminum Corporati
 Kaneka Corporation
 Kansai Paint Co., Ltd.
 Kanto Denka Kogyo Co., Lt
 Kemira Oyj
 KGHM Polska Miedz Spółka
 Kirkland Lake Gold Ltd.
 KISCO Corp.
 KisWire Ltd.
 Klabin S.A.
 Koatsu Gas Kogyo Co., Ltd
 Kolon Industries, Inc.
 Konishi Co., Ltd.
 Korea Petrochemical Ind.
 Korea Zinc Co., Ltd.
 Koza Altin Isletmeleri A.
 Kraton Corporation
 Kukdo Chemical Co., Ltd.
 Kumba Iron Ore Limited
 Kumho Petrochemical Co.,
 Kumiai Chemical Industry
 Kyoei Steel Ltd.
 Labrador Iron Ore Royalty
 Lafarge Malaysia Berhad
 LafargeHolcim Ltd
 L'Air Liquide S.A.
 LCY Chemical Corp.
 Lee and Man Paper Manufac
 Lenzing Aktiengesellschaft
 Linde Aktiengesellschaft
 Lock&Lock Co., Ltd.
 Long Chen Paper Co., Ltd.
 Lotte Chemical Corporatio
 LOTTE Fine Chemical Co.,
 Louisiana-Pacific Corpora
 Lucara Diamond Corp.
 Lucky Cement Limited
 Lundin Mining Corporation
 Maple Leaf Cement Factory

Marshalls plc
 Martin Marietta Materials
 Maruichi Steel Tube Ltd.
 Materion Corporation
 Mercer International Inc.
 Methanex Corporation
 Metsä Board Oyj
 Mineral Resources Limited
 Minerals Technologies Inc
 Miquel y Costas & Miquel,
 Mitsubishi Chemical Holdi
 Mitsubishi Gas Chemical C
 Mitsubishi Steel Mfg. Co.
 Mitsui Chemicals, Inc.
 MOIL Limited
 Mondi plc
 Monsanto Company
 Monsanto India Limited
 Mpact Limited
 Namhae Chemical Corporati
 National Aluminium Compan
 Neenah, Inc.
 Nevsun Resources Ltd.
 Nickel Asia Corporation
 Nihon Nohyaku Co., Ltd.
 Nine Dragons Paper (Holdi
 Nippon Denko Co., Ltd.
 Nippon Light Metal Holdin
 Nippon Paint Holdings Co.
 Nippon Paper Industries C
 Nippon Shokubai Co., Ltd.
 NIPPON STEEL & SUMITOMO M
 Nittetsu Mining Co., Ltd.
 Norbord Inc.
 Northern Star Resources L
 Novolipetsk Steel
 Novozymes A/S
 Nucor Corporation
 Nufarm Limited
 Nutrien Ltd.
 NV Bekaert SA
 OceanaGold Corporation
 Oeneo SA
 Oji Holdings Corporation
 Olin Corporation
 Omnia Holdings Limited
 Orica Limited
 Oriental Union Chemical C
 Osaka Soda Co., Ltd.
 Osaka Steel Co., Ltd.
 Owens-Illinois, Inc.
 OZ Minerals Limited
 P. H. Glatfelter Company
 Packages Limited
 Packaging Corporation of
 PAO Severstal
 Papeles y Cartones de Eur
 Petkim Petrokimya Holding
 Petra Diamonds Limited
 PETRONAS Chemicals Group
 PI Industries Limited

PJSC PhosAgro
 Plastiques du Val de Loir
 Polyplex (Thailand) Publi
 Poongsan Holdings Corpora
 Posco Chemtech Company Lt
 PPC Ltd
 PPG Industries, Inc.
 Praxair, Inc.
 Press Metal Aluminium Hol
 PT Aneka Tambang Tbk
 PT Indocement Tungal Pra
 PT Semen Indonesia (Perse
 PT Timah Tbk
 Public Joint Stock Compan
 Public Joint Stock Compan
 Public Joint Stock Compan
 Qatar National Cement Com
 Quaker Chemical Corporati
 Rain Industries Limited
 Rallis India Limited
 Randgold Resources Limite
 Regis Resources Limited
 Reliance Steel & Aluminum
 Rengo Co., Ltd.
 Resolute Mining Limited
 RHI Magnesita N.V.
 Rio Tinto plc
 RPC Group Plc
 RPM International Inc.
 Sakai Chemical Industry C
 Sakata INX Corporation
 San Fang Chemical Industr
 Sandfire Resources NL
 Sanyo Chemical Industries
 Sanyo Special Steel Co.,
 Sappi Limited
 Saracen Mineral Holdings
 Sasa Polyester Sanayi A.S
 Schweitzer-Mauduit Intern
 SeAH Besteel Corporation
 SeAH Steel Corporation
 Sekisui Plastics Co., Ltd
 SEMAFO Inc.
 Shandong Chenming Paper H
 Shikoku Chemicals Corpora
 Shin-Etsu Polymer Co.,Ltd
 Shinkong Synthetic Fibers
 Shougang Fushan Resources
 Showa Denko K.K.
 Shree Cement Limited
 Sibanye Gold Limited
 Sidi Kerir Petrochemicals
 Sika AG
 Silgan Holdings Inc.
 Sinopec Shanghai Petroche
 SK Materials Co., Ltd.
 SKC Co., Ltd.
 Smurfit Kappa Group plc
 Sociedad Química y Minera
 Soda Sanayii A.S.
 Solvay SA

Songwon Industrial Co., L
 Sonoco Products Company
 Soulbrain Co.,Ltd.
 Southern Copper Corporati
 Ssangyong Cement Industri
 Stalprodukt S.A.
 Steel Dynamics, Inc.
 Stella Chemifa Corporatio
 Stella-Jones Inc.
 Stepan Company
 Sto SE & Co. KGaA
 Stora Enso Oyj
 Sumitomo Metal Mining Co.
 Sumitomo Osaka Cement Co.
 Sumitomo Seika Chemicals
 SunCoke Energy, Inc.
 Suzano Papel e Celulose S
 Svenska Cellulosa Aktiebo
 Synthomer plc
 T. Hasegawa Co., Ltd.
 Ta Chen Stainless Pipe Co
 Taekwang Industrial Co.,
 Taiwan Cement Corp.
 Taiwan Fertilizer Co., Lt
 Taiwan Hon Chuan Enterpri
 Taiwan Styrene Monomer Co
 Taiyo Holdings Co., Ltd.
 Taiyo Nippon Sanso Corpor
 Takasago International Co
 Tata Steel Limited
 Tayca Corporation
 Teck Resources Limited
 Tenma Corporation
 The India Cements Limited
 The Navigator Company, S.
 The Pack Corporation
 The Ramco Cements Limited
 The Scotts Miracle-Gro Co
 The Sherwin-Williams Comp
 The Siam Cement Public Co
 Tikkurila Oyj
 Titan Cement Company S.A.
 Toagosei Co., Ltd.
 Toho Zinc Co., Ltd.
 Tokai Carbon Co., Ltd.
 Tokushu Tokai Paper Co.,
 Tokyo Ohka Kogyo Co., Ltd
 Ton Yi Industrial Corp.
 Tosoh Corporation
 Toyo Ink SC Holdings Co.,
 Toyo Kohan Co., Ltd.
 Toyo Seikan Group Holding
 Tredegar Corporation
 TSRC Corporation
 Tubacex, S.A.
 Tung Ho Steel Enterprise
 U.S. Concrete, Inc.
 UACJ Corporation
 Ube Industries, Ltd.
 Uflex Limited
 UNID Company Ltd.

Universal Cement Corporat
 UPC Technology Corporatio
 UPL Limited
 USI Corporation
 Vale S.A.
 Vicat SA
 Victrex plc
 Vinati Organics Limited
 Vinythai Public Company L
 Voestalpine AG
 Vulcan Materials Company
 W. R. Grace & Co.
 Wacker Chemie AG
 Welspun Corp Limited
 West Fraser Timber Co. Lt
 Western Forest Products I
 WestRock Company
 Wheaton Precious Metals C
 Wienerberger AG
 Winpak Ltd.
 Wonik Materials Co., Ltd.
 W-SCOPE Corporation
 Yamato Kogyo Co., Ltd.
 YC Inox Co., Ltd.
 Yeong Guan Energy Technol
 YFY Inc.
 Yieh Phui Enterprise Co.,
 Yodogawa Steel Works, Ltd
 Youlchon Chemical Co.,Ltd
 Youyuan International Hol
 Yung Chi Paint & Varnish
 ZEON Corporation
 Zhaojin Mining Industry C
 Zignago Vetro S.p.A.
 Zijin Mining Group Compan

China General Plastics Co
 China Steel Chemical Corp
 Chugoku Marine Paints, Lt
 Clariant AG
 Corbion N.V.
 Coromandel International
 Croda International plc
 D&L Industries, Inc.
 Daicel Corporation
 Dainichiseika Color & Che
 Deepak Fertilisers And Pe
 Denka Company Limited
 Dhanuka Agritech Limited
 DIC Corporation
 Dongjin Semichem Co., Ltd
 DowDuPont Inc.
 Eastman Chemical Company
 Elementis plc
 EMS-CHEMIE HOLDING AG
 Engro Corporation Limited
 Eternal Materials Co., Lt
 Everlight Chemical Indust
 Fauji Fertilizer Company
 FMC Corporation
 Foosung Co., Ltd.
 Formosa Chemicals & Fibre
 Frutarom Industries Ltd.
 Fufeng Group Limited
 Fujimori Kogyo Co., Ltd.
 Fuso Chemical Co.,Ltd.
 FutureFuel Corp.
 Grand Pacific Petrochemic
 Gübre Fabrikalari T.A.S.
 Gujarat Alkalies and Chem
 Gujarat Fluorochemicals L
 Gujarat Narmada Valley Fe
 H&R GmbH & Co. KGaA
 H.B. Fuller Company
 Hansol Chemical Co., Ltd.
 HEXPOL AB (publ)
 Himadri Speciality Chemic
 Hitachi Chemical Company,
 Hodogaya Chemical Co., Lt
 Huchems Fine Chemical Cor
 Huntsman Corporation
 Incitec Pivot Limited
 Indorama Ventures Public
 Innophos Holdings, Inc.
 Ishihara Sangyo Kaisha, L
 Israel Chemicals Ltd.
 JCU Corporation
 Johnson Matthey Plc
 JSP Corporation
 JSR Corporation
 Kaneka Corporation
 Kansai Paint Co., Ltd.
 Kanto Denka Kogyo Co., Lt
 Kemira Oyj
 Koatsu Gas Kogyo Co., Ltd
 Kolon Industries, Inc.
 Konishi Co., Ltd.

GICS 151010

Aarti Industries Limited
 Air Products and Chemical
 AK Holdings, Inc.
 Akzo Nobel India Limited
 Akzo Nobel N.V.
 Albemarle Corporation
 Alexandria Mineral Oils C
 American Vanguard Corpora
 Ashland Global Holdings I
 Asia Polymer Corporation
 Asian Paints Limited
 Balchem Corporation
 BASF India Limited
 BASF SE
 Bayer CropScience Limited
 Borregaard ASA
 Braskem S.A.
 C.I. Takiron Corporation
 Cabot Corporation
 Celanese Corporation
 CF Industries Holdings, I
 Chambal Fertilisers and C
 Chase Corporation
 China BlueChemical Ltd.

Korea Petrochemical Ind.
Kraton Corporation
Kukdo Chemical Co., Ltd.
Kumho Petrochemical Co.,
Kumiai Chemical Industry
L'Air Liquide S.A.
LCY Chemical Corp.
Lenzing Aktiengesellschaft
Linde Aktiengesellschaft
Lotte Chemical Corporatio
LOTTE Fine Chemical Co.,
Methanex Corporation
Mitsubishi Chemical Holdi
Mitsubishi Gas Chemical C
Mitsui Chemicals, Inc.
Monsanto Company
Monsanto India Limited
Namhae Chemical Corporati
Nihon Nohyaku Co., Ltd.
Nippon Paint Holdings Co.
Nippon Shokubai Co., Ltd.
Novozymes A/S
Nufarm Limited
Nutrien Ltd.
Olin Corporation
Orica Limited
Oriental Union Chemical C
Osaka Soda Co., Ltd.
Petkim Petrokimya Holding
PETRONAS Chemicals Group
PI Industries Limited
PJSC PhosAgro
Plastiques du Val de Loir
PPG Industries, Inc.
Praxair, Inc.
Quaker Chemical Corporati
Rain Industries Limited
Rallis India Limited
RPM International Inc.
Sakai Chemical Industry C
Sakata INX Corporation
San Fang Chemical Industr
Sanyo Chemical Industries
Sasa Polyester Sanayi A.S
Sekisui Plastics Co., Ltd
Shikoku Chemicals Corpora
Shin-Etsu Polymer Co.,Ltd
Shinkong Synthetic Fibers
Showa Denko K.K.
Sidi Kerir Petrochemicals
Sika AG
Sinopec Shanghai Petroche
SK Materials Co., Ltd.
Soda Sanayii A.S.
Solvay SA
Songwon Industrial Co., L
Soulbrain Co.,Ltd.
Stella Chemifa Corporatio
Stepan Company
Sumitomo Seika Chemicals
Synthomer plc

T. Hasegawa Co., Ltd.
Taekwang Industrial Co.,
Taiwan Fertilizer Co., Lt
Taiwan Styrene Monomer Co
Taiyo Holdings Co., Ltd.
Taiyo Nippon Sanso Corpor
Takasago International Co
Tayca Corporation
Tenma Corporation
The Scotts Miracle-Gro Co
The Sherwin-Williams Comp
Tikkurila Oyj
Toagosei Co., Ltd.
Tokai Carbon Co., Ltd.
Tokyo Ohka Kogyo Co., Ltd
Tosoh Corporation
Toyo Ink SC Holdings Co.,
TSRC Corporation
Ube Industries, Ltd.
UNID Company Ltd.
UPC Technology Corporatio
UPL Limited
USI Corporation
Victrex plc
Vinati Organics Limited
Vinythai Public Company L
W. R. Grace & Co.
Wacker Chemie AG
Wonik Materials Co., Ltd.
W-SCOPE Corporation
Yung Chi Paint & Varnish
ZEON Corporation

GICS 151020

ACC Limited
Adelaide Brighton Limited
Akçansa Çimento Sanayi ve
Ambuja Cements Limited
Anhui Conch Cement Compan
Asia Cement (China) Holdi
Asia Cement Corporation
Birla Corporation Limited
Boral Limited
Brickworks Limited
Buzzi Unicem SpA
Cementir Holding S.p.A.
Cementos Argos S.A.
CHC Resources Corporation
Çimsa Çimento Sanayi ve T
CRH plc
D.G. Khan Cement Company
Dalmia Bharat Limited
Eagle Materials Inc.
Eugene Corporation
Fauji Cement Company Limi
Hanil Holdings Co.,Ltd.
HeidelbergCement India Li
Huaxin Cement Co., Ltd.
Imerys SA
J.K. Cement Limited
JK Lakshmi Cement Limited

Lafarge Malaysia Berhad
LafargeHolcim Ltd
Maple Leaf Cement Factory
Marshall's plc
Martin Marietta Materials
Posco Chemtech Company Lt
PPC Ltd
PT Indocement Tunggul Pra
PT Semen Indonesia (Perse
Qatar National Cement Com
RHI Magnesita N.V.
Shree Cement Limited
Ssangyong Cement Industri
Sto SE & Co. KGaA
Sumitomo Osaka Cement Co.
Taiwan Cement Corp.
The India Cements Limited
The Ramco Cements Limited
Titan Cement Company S.A.
U.S. Concrete, Inc.
Universal Cement Corporat
Vicat SA
Vulcan Materials Company
Wienerberger AG

GICS 151030

Amcort Limited
Anadolu Cam Sanayii A.S.
Ball Corporation
Bemis Company, Inc.
BillerdKorsnäs AB (publ)
Cascades Inc.
CCL Industries Inc.
Cheng Loong Corporation
CPMC Holdings Limited
Crown Holdings, Inc.
DS Smith Plc
Essel Propack Limited
FP Corporation
Fuji Seal International,
Graphic Packaging Holding
Great China Metal Ind. Co
Greatview Aseptic Packagi
Greif, Inc.
Groupe Guillin S.A.
Huhtamäki Oyj
Intertape Polymer Group I
Klabin S.A.
Lock&Lock Co., Ltd.
Mpact Limited
Oeneo SA
Owens-Illinois, Inc.
Packaging Corporation of
Polypex (Thailand) Publi
Rengo Co., Ltd.
RPC Group Plc
Silgan Holdings Inc.
Sonoco Products Company
Taiwan Hon Chuan Enterpri
The Pack Corporation
Toyo Seikan Group Holding

Uflex Limited
Winpak Ltd.
Youlchon Chemical Co.,Ltd
Youyuan International Hol
Zignago Vetro S.p.A.

Labrador Iron Ore Royalty
Lucara Diamond Corp.
Lundin Mining Corporation
Maruichi Steel Tube Ltd.
Materion Corporation
Mineral Resources Limited
Mitsubishi Steel Mfg. Co.
MOIL Limited
Nevsun Resources Ltd.
Nickel Asia Corporation
Nippon Denko Co., Ltd.
Nippon Light Metal Holdin
NIPPON STEEL & SUMITOMO M
Nittetsu Mining Co., Ltd.
Northern Star Resources L
Novolipetsk Steel
Nucor Corporation
NV Bekaert SA
OceanaGold Corporation
Osaka Steel Co., Ltd.
OZ Minerals Limited
PAO Severstal
Petra Diamonds Limited
Poongsan Holdings Corpora
Press Metal Aluminium Hol
PT Aneka Tambang Tbk
PT Timah Tbk
Public Joint Stock Compan
Public Joint Stock Compan
Public Joint Stock Compan
Randgold Resources Limite
Regis Resources Limited
Reliance Steel & Aluminum
Resolute Mining Limited
Rio Tinto plc
Sandfire Resources NL
Sanyo Special Steel Co.,
Saracen Mineral Holdings
SeAH Besteel Corporation
SeAH Steel Corporation
SEMAFO Inc.
Shougang Fushan Resources
Sibanye Gold Limited
Southern Copper Corporati
Stalprodukt S.A.
Steel Dynamics, Inc.
Sumitomo Metal Mining Co.
SunCoke Energy, Inc.
Ta Chen Stainless Pipe Co
Tata Steel Limited
Teck Resources Limited
Toho Zinc Co., Ltd.
Ton Yi Industrial Corp.
Toyo Kohan Co., Ltd.
Tubacex, S.A.
Tung Ho Steel Enterprise
UACJ Corporation
Vale S.A.
Voestalpine AG
Welspun Corp Limited
Wheaton Precious Metals C

Yamato Kogyo Co., Ltd.
YC Inox Co., Ltd.
Yeong Guan Energy Technol
Yieh Phui Enterprise Co.,
Yodogawa Steel Works, Ltd
Zhaojin Mining Industry C
Zijin Mining Group Compan

GICS 151040

Acerinox, S.A.
African Rainbow Minerals
Agnico Eagle Mines Limite
Aichi Steel Corporation
AMG Advanced Metallurgica
Antofagasta plc
APL Apollo Tubes Limited
Asahi Holdings, Inc.
Assore Limited
Aurubis AG
BHP Billiton Limited
Boliden AB
Boryszew S.A.
Carpenter Technology Corp
Centerra Gold Inc.
Central Asia Metals Plc
China Gold International
China Metal Products Co.,
China Molybdenum Co., Ltd
China Steel Corporation
Commercial Metals Company
Companhia Siderúrgica Nac
Compass Minerals Internat
Da Ming International Hol
Daido Steel Co., Ltd.
Eregli Demir ve Çelik Fab
Feng Hsin Steel Co.,Ltd
Ferrexpo Plc
First Quantum Minerals Lt
Fortescue Metals Group Li
Franco-Nevada Corporation
Fresnillo PLC
Gloria Material Technolog
Grupo México, S.A.B. de C
Haynes International, Inc
Hill & Smith Holdings PLC
Hindalco Industries Limit
Hitachi Metals, Ltd.
Hyundai Steel Company
Iluka Resources Limited
Industrias Peñoles, S.A.B
International Steels Limi
Jiangxi Copper Company Li
Jindal Saw Limited
JSW Steel Limited
Kaiser Aluminum Corporati
KGHM Polska Miedz Spółka
Kirkland Lake Gold Ltd.
KISCO Corp.
KisWire Ltd.
Korea Zinc Co., Ltd.
Koza Altin Isletmeleri A.
Kumba Iron Ore Limited
Kyohei Steel Ltd.

GICS 151050

Altri, S.G.P.S., S.A.
Canfor Corporation
Century Plyboards (India)
Chung Hwa Pulp Corporatio
Daikem Corporation
Domtar Corporation
Dongwha Enterprise Co., L
ENCE Energía y Celulosa,
Fibria Celulose S.A.
Greenply Industries Limit
Hokuetsu Kishu Paper Co.,
Interfor Corporation
Lee and Man Paper Manufac
Long Chen Paper Co., Ltd.
Louisiana-Pacific Corpora
Mercer International Inc.
Metsä Board Oyj
Miquel y Costas & Miquel,
Mondi plc
Neenah, Inc.
Nine Dragons Paper (Holdi
Nippon Paper Industries C
Norbord Inc.
Oji Holdings Corporation
P. H. Glatfelter Company
Sappi Limited
Schweitzer-Mauduit Intern
Shandong Chenming Paper H
Stella-Jones Inc.
Suzano Papel e Celulose S
Svenska Cellulosa Aktiebo
The Navigator Company, S.
Tokushu Tokai Paper Co.,
West Fraser Timber Co. Lt
Western Forest Products I
YFY Inc.

GICS 20

A. O. Smith Corporation
A.P. Møller - Mærsk A/S
Aalberts Industries N.V.
AAON, Inc.
AAR Corp.
AB Volvo (publ)
Abertis Infraestructuras,
ABM Industries Incorporat
Aboitiz Equity Ventures,
AcBel Polytech Inc.
ACCO Brands Corporation
ACS, Actividades de Const
Acuity Brands, Inc.
Adani Enterprises Limited

Adani Ports and Special E
Adecco Group AG
Advan Co., Ltd.
AECOM
Aecon Group Inc.
Aegean Airlines S.A.
Aegion Corporation
Aeon Delight Co., Ltd.
Aéroports de Paris SA
AeroVironment, Inc.
ÅF AB (publ)
AGC Inc.
AGCO Corporation
Aggreko Plc
AIA Engineering Limited
Aica Kogyo Company, Limit
Aichi Corporation
Aida Engineering, Ltd.
Air Arabia PJSC
Air China Limited
Air New Zealand Limited
Air Transport Services Gr
AirAsia Group Berhad
Airbus SE
Aircastle Limited
Airports of Thailand Publ
AirTAC International Grou
Alamo Group Inc.
Alfa Laval AB (publ)
Allcargo Logistics Limite
Allegiant Travel Company
ALS Limited
Alstom SA
Amada Holdings Co., Ltd.
Amadeus FiRe AG
Amara Raja Batteries Limi
AMERCO
American Railcar Industri
ANA Holdings Inc.
Andritz AG
ANEST IWATA Corporation
Anhui Expressway Company
Apogee Enterprises, Inc.
Applied Industrial Techno
Arcadis NV
ArcBest Corporation
Armstrong World Industrie
Asahi Diamond Industrial
Aselsan Elektronik Sanayi
ASGN Incorporated
Ashok Leyland Limited
Ashoka Buildcon Limited
Ashtead Group plc
ASSA ABLOY AB (publ)
Assystem S.A.
Astec Industries, Inc.
ASTM S.p.A.
Astronics Corporation
Atlantia S.p.A.
Atlas Air Worldwide Holdi
Atlas Copco AB

ATS Automation Tooling Sy
Auckland International Ai
Aurizon Holdings Limited
Austal Limited
AviChina Industry & Techn
Avis Budget Group, Inc.
Axon Enterprise, Inc.
Babcock International Gro
Badger Daylighting Ltd.
BAE Systems plc
Bangkok Aviation Fuel Ser
Baoye Group Company Limit
Barnes Group Inc.
BAUER Aktiengesellschaft
BBA Aviation plc
Beacon Roofing Supply, In
Beijing Capital Internati
BEML Limited
Benefit One Inc.
Bertrandt Aktiengesellsch
BES Engineering Corporati
Besalco S.A.
Bharat Heavy Electricals
Biesse S.p.A.
Bird Construction Inc.
Bizlink Holding Inc.
Blue Dart Express Limited
Blue Label Telecoms Limit
Bobst Group SA
Bodycote plc
Bollere
Bossard Holding AG
Brambles Limited
Brenntag AG
Brunel International N.V.
Bucher Industries AG
Budimex SA
Builders FirstSource, Inc
Bunka Shutter Co., Ltd.
Bunzl plc
Burckhardt Compression Ho
Bureau Veritas SA
Burkhalter Holding AG
C.H. Robinson Worldwide,
CAE Inc.
Canadian National Railway
Canadian Pacific Railway
Cargotec Corporation
Caterpillar Inc.
CCR S.A.
Cebu Air, Inc.
Central Japan Railway Com
CENTROTEC Sustainable AG
Cera Sanitaryware Limited
CEWE Stiftung & Co. KGaA
CH. Karnchang Public Comp
Chart Industries, Inc.
Chicony Power Technology
China Airlines, Ltd.
China Communications Cons
China Everbright Internat

China High Speed Transmis
China Lesso Group Holding
China Merchants Port Hold
China Railway Constructio
China Railway Group Limit
China Singyes Solar Techn
China State Construction
China Yuchai Internationa
Chiyoda Corporation
Chorus Aviation Inc.
Chu Kong Shipping Enterpr
Chudenko Corporation
CIMC Enric Holdings Limit
CIMIC Group Limited
Cintas Corporation
CIRCOR International, Inc
CJ Logistics Corporation
CKD Corporation
Clean Harbors, Inc.
Cleanaway Company Limited
Colfax Corporation
Columbus McKinnon Corpora
Comfort Systems USA, Inc.
ComfortDelGro Corporation
Compagnie de Saint-Gobain
Compagnie d'Entreprises C
COMSYS Holdings Corporati
Construcciones y Auxiliar
Container Corporation of
Continental Holdings Corp
Copart, Inc.
Cosel Co., Ltd.
Costain Group plc
CoStar Group, Inc.
Covanta Holding Corporati
Covenant Transportation G
Cramo Oyj
Crane Co.
CSX Corporation
CTCI Corporation
Daelim Industrial Co., Lt
Dai Nippon Printing Co.,
DAI-DAN Co., Ltd.
Daifuku Co., Ltd.
Daiho Corporation
Daikin Industries,Ltd.
Daiseki Co.,Ltd.
Daiwa Industries Ltd.
Danieli & C. Officine Mec
Dart Group plc
Dassault Aviation SA
Dätwyler Holding Inc.
Deere & Company
Delta Air Lines, Inc.
Deluxe Corporation
Denyo Co., Ltd.
Derichebourg
Deutsche Lufthansa Aktien
Deutsche Post AG
DEUTZ Aktiengesellschaft
DFDS A/S

Dialight plc
 DMCI Holdings, Inc.
 DMG MORI AKTIENGESELLSCHA
 DMG Mori Co., Ltd.
 Donaldson Company, Inc.
 Dongkuk Structures & Cons
 dormakaba Holding AG
 Dover Corporation
 Downer EDI Limited
 DP World Limited
 DSV A/S
 DXP Enterprises, Inc.
 Dycom Industries, Inc.
 Dynasty Ceramic Public Co
 East Japan Railway Compan
 easyJet plc
 Ebara Corporation
 Echo Global Logistics, In
 EcoRodovias Infraestrutur
 ECOVE Environment Corpora
 Eicher Motors Limited
 Eiffage SA
 Ekovest Berhad
 El Al Israel Airlines Ltd
 Elanders AB (publ)
 Elbit Systems Ltd.
 Electra Limited
 Embraer S.A.
 EMCOR Group, Inc.
 Encore Wire Corporation
 EnerSys
 Engineers India Limited
 en-japan inc.
 Ennis, Inc.
 EnPro Industries, Inc.
 Equifax Inc.
 Essendant Inc.
 eTEC E&C Limited
 EVA Airways Corp.
 Evergreen Intl. Storage &
 Exchange Income Corporati
 Exco Technologies Limited
 Expeditors International
 Experian plc
 Exponent, Inc.
 Fanuc Corporation
 Fastenal Company
 Federal Signal Corporatio
 FedEx Corporation
 Feintool International Ho
 Fenner PLC
 Ferguson plc
 Ferrovial, S.A.
 Finnair Oyj
 Finning International Inc
 Firstgroup plc
 Flowserve Corporation
 FLSmith & Co. A/S
 Flughafen Zürich AG
 Fluor Corporation
 Force Motors Limited

Forrester Research, Inc.
 Forward Air Corporation
 Foshan Electrical and Lig
 Franklin Electric Co., In
 Fudo Tetra Corporation
 Fuji Corporation
 Fujitec Co.,Ltd.
 Fukuda Corporation
 Fukushima Industries Corp
 Fukuyama Transporting Co.
 Fullcast Holdings Co., Lt
 Funai Soken Holdings Inco
 Furukawa Electric Co., Lt
 G4S plc
 Gateway Distriparks Limit
 GATX Corporation
 GD Express Carrier Bhd
 GE Power India Limited
 GE T&D India Limited
 GEA Group Aktiengesellsch
 Geberit AG
 Gecoss Corporation
 Genesee & Wyoming Inc.
 George Kent (Malaysia) Be
 Getlink S.E.
 Giken Ltd.
 GL Events
 Glory Ltd.
 Godrej Industries Limited
 GP Strategies Corporation
 Graco Inc.
 Granite Construction Inco
 Greaves Cotton Limited
 Griffon Corporation
 Groupe CRIT SA
 Grupo Aeroméxico, S.A.B.
 Grupo Aeroportuario del C
 Grupo Aeroportuario del P
 Grupo Aeroportuario del S
 Guangdong Yueyun Transpor
 Gujarat Pipavav Port Limi
 Gulf Warehousing Company
 Gunnebo AB
 GWA Group Limited
 H&E Equipment Services, I
 Haitian International Hol
 Haldex AB (publ)
 Hamakyorex Co., Ltd.
 Hamburger Hafen und Logis
 Hanjin Transportation Co.
 Hanwa Co., Ltd.
 Hanwha Aerospace Co., Ltd
 Hap Seng Consolidated Ber
 Harmonic Drive Systems In
 Harris Corporation
 Haulotte Group SA
 Hawaiian Holdings, Inc.
 Hays plc
 Hazama Ando Corporation
 Healthcare Services Group
 Heartland Express, Inc.

Herman Miller, Inc.
 Hexagon Composites ASA
 Hexcel Corporation
 Hibiya Engineering, Ltd.
 Hino Motors, Ltd.
 Hirata Corporation
 Hisaka Works, Ltd.
 Hitachi Construction Mach
 Hitachi Transport System,
 Hitachi Zosen Corporation
 Hiwin Technologies Corp.
 HNA Infrastructure Compan
 HNI Corporation
 HOCHTIEF Aktiengesellscha
 HomeServe plc
 Hong Leong Industries Ber
 Hoshizaki Corporation
 Howden Joinery Group Plc
 Huangshi Dongbei Electric
 Hub Group, Inc.
 Hubbell Incorporated
 Huber+Suhner AG
 Huntington Ingalls Indust
 Hy-Lok Corporation ,Ltd.
 Hyundai Engineering & Con
 I.M.A. Industria Macchine
 ID Logistics Group SA
 IDEC Corporation
 IHI Corporation
 Iino Kaiun Kaisha, Ltd.
 iMarketKorea Inc.
 IMI plc
 Implen AG
 Inaba Denki Sangyo Co.,Lt
 INDUS Holding AG
 Industries Qatar Q.S.C.
 Indutrade AB (publ)
 InnerWorkings, Inc.
 Insperty, Inc.
 Insteel Industries, Inc.
 Interface, Inc.
 International Container T
 Interpump Group S.p.A.
 Intertek Group plc
 Int'l Consolidated Airlin
 Invicta Holdings Limited
 Iochpe-Maxion S.A.
 IRB Infrastructure Develo
 IS DongSeo Co., Ltd.
 Iseki & Co., Ltd.
 Isgec Heavy Engineering L
 ITAB Shop Concept AB (pub
 Italian-Thai Development
 Itoki Corporation
 J.B. Hunt Transport Servi
 JAC Recruitment Co., Ltd.
 Jacobs Engineering Group
 Jacquet Metal Service SA
 JAMCO Corporation
 Japan Airlines Co., Ltd.
 Japan Airport Terminal Co

Japan Pulp and Paper Comp
 Jardine Matheson Holdings
 Jardine Strategic Holding
 JGC Corporation
 John Bean Technologies Co
 Johnson Electric Holdings
 JTEKT Corporation
 Jungheinrich Aktiengesell
 Jvm Co., Ltd.
 K.S. Terminals Inc.
 Kadant Inc.
 Kajaria Ceramics Limited
 Kajima Corporation
 Kalpataru Power Transmiss
 Kaman Corporation
 Kamei Corporation
 Kamigumi Co., Ltd.
 Kanamoto Co.,Ltd.
 Kandenko Co., Ltd.
 Kanematsu Corporation
 Kansas City Southern
 Kardex AG
 Kato Works Co., Ltd.
 KC Co., Ltd.
 KEC International Limited
 Keikyu Corporation
 Keio Corporation
 Keisei Electric Railway C
 Keller Group plc
 Kelly Services, Inc.
 Kennametal Inc.
 KEPCO Engineering & Const
 KEPCO Plant Service & Eng
 Kerry TJ Logistics Compan
 Kier Group plc
 Kimball International, In
 Kinden Corporation
 King Slide Works Co., Ltd
 Kingspan Group plc
 Kinik Company
 Kintetsu World Express, I
 Kirby Corporation
 KITZ Corporation
 Knight-Swift Transportati
 Knoll, Inc.
 Koenig & Bauer AG
 Kolon Corporation
 Komatsu Ltd.
 Komax Holding AG
 Komori Corporation
 KONE Oyj
 Konecranes Plc
 Konoike Transport Co., Lt
 Korea Aerospace Industrie
 Korea Electric Terminal C
 Korn/Ferry International
 Krones AG
 Kubota Corporation
 Kuehne + Nagel Internatio
 Kumagai Gumi Co., Ltd.
 Kung Long Batteries Indus

Kurita Water Industries L
 Kyodo Printing Co., Ltd.
 Kyokuto Kaihatsu Kogyo Co
 Kyowa Exeo Corporation
 Kyudenko Corporation
 Kyung Dong Navien Co., Lt
 L3 Technologies, Inc.
 Lakshmi Machine Works Lim
 Landstar System, Inc.
 Legrand SA
 LG Corp.
 LG International Corp.
 Lincoln Electric Holdings
 Lindab International AB
 Lindsay Corporation
 Link and Motivation Inc.
 Lisi S.A.
 LIXIL Group Corporation
 Localiza Rent a Car S.A.
 Lonking Holdings Limited
 Loomis AB (publ)
 LS Corp.
 LSIS Co., Ltd.
 Mabuchi Motor Co., Ltd.
 Maeda Corporation
 Maeda Kosen Co., Ltd.
 MAEDA ROAD CONSTRUCTION C
 Magellan Aerospace Corpor
 Maire Tecnimont S.p.A.
 Makino Milling Machine Co
 Makita Corporation
 Malaysian Resources Corpo
 MAN SE
 Manitou BF SA
 ManpowerGroup Inc.
 Marcopolo S.A.
 Marten Transport, Ltd.
 Marubeni Corporation
 Maruzen Showa Unyu Co., L
 MasTec, Inc.
 Matson, Inc.
 Max Co., Ltd.
 Maxar Technologies Ltd.
 Megawide Construction Cor
 Meggitt PLC
 Meier Tobler Group AG
 Meitec Corporation
 Melrose Industries PLC
 Mercury Systems, Inc.
 Metso Corporation
 Millat Tractors Limited
 MinebeaMitsumi Inc.
 MIRAIT Holdings Corporati
 MISC Berhad
 Mitsubishi Heavy Industri
 Mitsubishi Logisnext Co.,
 Mitsubishi Logistics Corp
 Mitsubishi Pencil Co., Lt
 Mitsuboshi Belting Ltd.
 Mitsui & Co., Ltd.
 Mitsui E&S Holdings Co.,

Miura Co., Ltd.
 Mobile Mini, Inc.
 Monadelphous Group Limite
 MonotaRO Co., Ltd.
 Moog Inc.
 Morita Holdings Corporati
 Morneau Shepell Inc.
 Mota-Engil, SGPS, S.A.
 MSA Safety Incorporated
 MSC Industrial Direct Co.
 MTU Aero Engines AG
 Mueller Water Products, I
 Muhibbah Engineering (M)
 Multi-Color Corporation
 Murray & Roberts Holdings
 MYR Group Inc.
 Nagase & Co., Ltd.
 Nagoya Railroad Co., Ltd.
 Namura Shipbuilding Co.,
 National Central Cooling
 National Express Group PL
 NCC Limited
 NCI Building Systems, Inc
 NFI Group Inc.
 NGK Insulators, Ltd.
 NICE Information Service
 NICHIDEN Corporation
 Nichiha Corporation
 Nihon Trim Co., Ltd.
 Nikkon Holdings Co., Ltd.
 Nippo Corporation
 Nippon Densetsu Kogyo Co.
 Nippon Express Co., Ltd.
 Nippon Kanzai Co., Ltd.
 NIPPON PARKING DEVELOPMEN
 Nippon Steel & Sumikin Bu
 Nippon Thompson Co., Ltd.
 Nishimatsu Construction C
 Nishio Rent All Co., Ltd.
 Nissei Asb Machine Co., L
 Nissin Electric Co.,Ltd.
 Nitta Corporation
 Nitto Kohki Co., Ltd.
 Nittoku Engineering Co.,
 NKT A/S
 NOMURA Co., Ltd.
 Nordex SE
 Norfolk Southern Corporat
 Noritz Corporation
 NORMA Group SE
 Northgate plc
 Northrop Grumman Corporat
 Northrop Grumman Innovati
 NS United Kaiun Kaisha, L
 NTN Corporation
 NWS Holdings Limited
 Obara Group Incorporated
 Obayashi Corporation
 Odakyu Electric Railway C
 OHB SE
 Oiles Corporation

Okabe Co., Ltd.
Okamura Corporation
Okuma Corporation
Old Dominion Freight Line
Organo Corporation
OSG Corporation
Oshkosh Corporation
OSJB Holdings Corporation
Österreichische Post AG
Otokar Otomotiv ve Savunm
OUTSOURCING Inc.
Owens Corning
OYO Corporation
PACCAR Inc
PageGroup plc
Panalpina Welttransport (PARK24 Co., Ltd.
Parker-Hannifin Corporati
Park-Ohio Holdings Corp.
Pasona Group Inc.
Patrick Industries, Inc.
Penta-Ocean Construction
Per Aarsleff Holding A/S
Persol Holdings Co., Ltd.
Pfeiffer Vacuum Technolog
PGT Innovations, Inc.
Pilot Corporation
Piraeus Port Authority S.
Pitney Bowes Inc.
Ponsse Oyj
Posco Daewoo Corporation
Powell Industries, Inc.
Prestige International In
Prima Industrie S.p.A.
Promotora y Operadora de
Prosegur Compañía de Segu
Proto Labs, Inc.
Prysmian S.p.A.
PT Adhi Karya (Persero) T
PT AKR Corporindo Tbk
Pt Jasa Marga (Persero) T
PT Pembangunan Perumahan
PT Waskita Karya (Persero
PT Wijaya Karya (Persero)
QinetiQ Group Plc
QST International Corp.
Quanex Building Products
Quanta Services, Inc.
Qube Holdings Limited
Raito Kogyo Co., Ltd.
Ramirent Oyj
Randstad NV
RATIONAL Aktiengesellscha
Raubex Group Limited
Raytheon Company
RBC Bearings Incorporated
RCR Tomlinson Limited
Rechi Precision Co., Ltd.
Redde plc
Regal Beloit Corporation
Relia, Inc.

RELX PLC
Republic Services, Inc.
Resources Connection, Inc
Rexel S.A.
Rieter Holding AG
Ritchie Bros. Auctioneers
Riverstone Holdings Limit
Robert Half International
Rockwell Collins, Inc.
Rollins, Inc.
Rolls-Royce Holdings plc
Roper Technologies, Inc.
Royal Boskalis Westminste
RPS Group plc
Run Long Construction Co.
Rush Enterprises, Inc.
Russel Metals Inc.
Ryanair Holdings plc
Ryder System, Inc.
Ryobi Limited
S-1 Corporation
Saab AB (publ)
Safran SA
Saia, Inc.
Sakai Moving Service Co.,
SalfaCorp S.A.
Salini Impregilo S.p.A.
San Shing Fastech Corp.
Sandvik AB
Sanki Engineering Co., Lt
Sankyu Inc.
Sanwa Holdings Corporatio
Sanyo Denki Co., Ltd.
SAS AB (publ)
Sato Holdings Corporation
Schindler Holding AG
Schneider Electric S.E.
Schweiter Technologies AG
Seino Holdings Co., Ltd.
Sekisui Jushi Corporation
Semcorp Marine Ltd
Seven Group Holdings Limi
SGS SA
Shanghai Jin Jiang Intl I
Shanghai Prime Machinery
Shenzhen Expressway Compa
Shenzhen International Ho
Shima Seiki Mfg., Ltd.
Shimizu Corporation
Shin Zu Shing Co., Ltd.
ShinMaywa Industries, Ltd
SHO-BOND Holdings Co.,Ltd
Siemens Gamesa Renewable
Siemens Limited
Simpson Manufacturing Co.
Sinfonia Technology Co.,
Singamas Container Holdin
Singapore Airlines Limite
Singapore Post Limited
Singapore Technologies En
Sinko Industries Ltd.

Sino-Thai Engineering and
Sinotrans Limited
Sinotruk (Hong Kong) Limi
Sintokogio,Ltd.
SITC Int'l Holdings Co. L
SK Holdings Co., Ltd.
Skanska AB (publ)
SKP Resources Bhd
SkyWest, Inc.
SMC Corporation
SNC-Lavalin Group Inc.
Società Iniziative Autost
Sodick Co., Ltd.
Sohgo Security Services C
Sojitz Corporation
Solar A/S
Somany Ceramics Limited
Sotetsu Holdings, Inc.
Southwest Airlines Co.
SP Plus Corporation
Spartan Motors, Inc.
Spirax-Sarco Engineering
Spirit AeroSystems Holdin
Sporton International Inc
SPX Corporation
Staffline Group plc
Stagecoach Group plc
Stanley Black & Decker, I
Stantec Inc.
Steelcase Inc.
Stericycle, Inc.
Stolt-Nielsen Limited
Sulzer Ltd
Sumitomo Densetsu Co., Lt
Sumitomo Heavy Industries
Sunonwealth Electric Mach
Sweco AB (publ)
Sydney Airport Limited
Syncmold Enterprise Corp.
Synergie SE
Tadano Ltd.
Taewoong Co.,Ltd
Taeyoung Engineering & Co
Taihei Dengyo Kaisha, Ltd
Taikisha Ltd.
Taisei Corporation
Taiwan High Speed Rail Co
Taiwan Secom Co., Ltd.
Taiwan Shin Kong Security
Takara Standard Co.,Ltd.
Takasago Thermal Engineer
Takeuchi Mfg. Co., Ltd.
Takuma Co., Ltd.
Tanseisha Co., Ltd.
Techno Electric & Enginee
TECO Electric & Machinery
Teikoku Sen-i Co., Ltd.
Tekken Corporation
Teleperformance SE
Tennant Company
Terex Corporation

Tetra Tech, Inc.
 TFI International Inc.
 Thales S.A.
 The Boeing Company
 The Brink's Company
 The Go-Ahead Group plc
 The Gorman-Rupp Company
 The Greenbrier Companies,
 The Manitowoc Company, In
 The Middleby Corporation
 THE NIPPON ROAD Co., Ltd.
 The Shipping Corporation
 The Sumitomo Warehouse Co
 Thermax Limited
 THK Co., Ltd.
 Tianjin Capital Environme
 Tianjin Port Development
 Timken India Limited
 TKH Group N.V.
 TOA Corporation
 TOCALO Co., Ltd.
 Toda Corporation
 Toenec Corporation
 Tokyu Construction Co., L
 Tokyu Corporation
 Toppan Forms Co., Ltd.
 Toromont Industries Ltd.
 Toshiba Machine Co., Ltd.
 Toshiba Plant Systems & S
 Tosho Printing Company, L
 Totetsu Kogyo Co., Ltd.
 Toto Ltd.
 Tox Free Solutions Limite
 Toyo Construction Co., Lt
 Trakya Cam Sanayii A.S.
 Trancom Co., Ltd.
 Transcontinental Inc.
 Transurban Group
 Travis Perkins plc
 Trex Company, Inc.
 Trinity Industries, Inc.
 TrueBlue, Inc.
 Trusco Nakayama Corporati
 Trust Tech Inc.
 Tsubakimoto Chain Co.
 Tsugami Corporation
 Tsukishima Kikai Co., Ltd
 Tsurumi Manufacturing Co.
 Türk Hava Yollari Anonim
 Türk Traktör ve Ziraat Ma
 Türkiye Sise Ve Cam Fabri
 Tutor Perini Corporation
 UEM Edgenta Berhad
 Ultra Electronics Holding
 U-Ming Marine Transport C
 UniFirst Corporation
 Union Pacific Corporation
 Union Tool Co.
 Unique Engineering And Co
 United Continental Holdin
 United Integrated Service

United Parcel Service, In
 United Rentals, Inc.
 Universal Forest Products
 Universal Logistics Holdi
 US Ecology, Inc.
 UT Group Co., Ltd.
 Vanachai Group Public Com
 Vestas Wind Systems A/S
 Viad Corp
 Voltronic Power Technolog
 VTG Aktiengesellschaft
 W.W. Grainger, Inc.
 Wabash National Corporati
 WABCO Holdings Inc.
 Wacker Neuson SE
 WageWorks, Inc.
 Wajax Corporation
 Wallenius Wilhelmsen Logi
 Wan Hai Lines Ltd.
 Wärtsilä Oyj Abp
 Washtec AG
 Waste Management, Inc.
 Watsco, Inc.
 Watts Water Technologies,
 WCT Holdings Berhad
 WEG S.A.
 Werner Enterprises, Inc.
 WESCO International, Inc.
 Westinghouse Air Brake Te
 WestJet Airlines Ltd.
 Wilson Bayly Holmes-Ovcon
 Wisdom Marine Lines Co.,
 WSP Global Inc.
 Xxentria Technology Mater
 Yahagi Construction Co.,L
 Yamabiko Corporation
 Yamato Holdings Co., Ltd.
 Yamazen Corporation
 Yangzijiang Shipbuilding
 Yokogawa Bridge Holdings
 Yuexiu Transport Infrastr
 Yumeshin Holdings Co.,Ltd
 Yungtay Engineering Co.,
 Yurtec Corporation
 Yushin Precision Equipmen
 Zardoya Otis, S.A.
 Zhejiang Expressway Co.,

GICS 2010

A. O. Smith Corporation
 Aalberts Industries N.V.
 AAON, Inc.
 AAR Corp.
 AB Volvo (publ)
 Aboitiz Equity Ventures,
 AcBel Polytech Inc.
 ACS, Actividades de Const
 Acuity Brands, Inc.
 Adani Enterprises Limited
 Advan Co., Ltd.
 AECOM

Aecon Group Inc.
 Aegion Corporation
 AeroVironment, Inc.
 AGC Inc.
 AGCO Corporation
 AIA Engineering Limited
 Aica Kogyo Company, Limit
 Aichi Corporation
 Aida Engineering, Ltd.
 Airbus SE
 Aircastle Limited
 AirTAC International Grou
 Alamo Group Inc.
 Alfa Laval AB (publ)
 Alstom SA
 Amada Holdings Co., Ltd.
 Amara Raja Batteries Limi
 American Railcar Industri
 Andritz AG
 ANEST IWATA Corporation
 Apogee Enterprises, Inc.
 Applied Industrial Techno
 Arcadis NV
 Armstrong World Industrie
 Asahi Diamond Industrial
 Aselsan Elektronik Sanayi
 Ashok Leyland Limited
 Ashoka Buildcon Limited
 Ashtead Group plc
 ASSA ABLOY AB (publ)
 Astec Industries, Inc.
 Astronics Corporation
 Atlas Copco AB
 ATS Automation Tooling Sy
 Austal Limited
 AviChina Industry & Techn
 Axon Enterprise, Inc.
 Badger Daylighting Ltd.
 BAE Systems plc
 Baoye Group Company Limit
 Barnes Group Inc.
 BAUER Aktiengesellschaft
 Beacon Roofing Supply, In
 BEML Limited
 BES Engineering Corporati
 Besalco S.A.
 Bharat Heavy Electricals
 Biesse S.p.A.
 Bird Construction Inc.
 Bizlink Holding Inc.
 Bobst Group SA
 Bodycote plc
 Bossard Holding AG
 Brenntag AG
 Bucher Industries AG
 Budimex SA
 Builders FirstSource, Inc
 Bunka Shutter Co., Ltd.
 Bunzl plc
 Burckhardt Compression Ho
 Burkhalter Holding AG

CAE Inc.
 Cargotec Corporation
 Caterpillar Inc.
 CENTROTEC Sustainable AG
 Cera Sanitaryware Limited
 CH. Karnchang Public Comp
 Chart Industries, Inc.
 Chicony Power Technology
 China Communications Cons
 China High Speed Transmis
 China Lesso Group Holding
 China Railway Constructio
 China Railway Group Limit
 China Singyes Solar Techn
 China State Construction
 China Yuchai Internationa
 Chiyoda Corporation
 Chudenko Corporation
 CIMC Enric Holdings Limit
 CIMIC Group Limited
 CIRCOR International, Inc
 CKD Corporation
 Colfax Corporation
 Columbus McKinnon Corpora
 Comfort Systems USA, Inc.
 Compagnie de Saint-Gobain
 Compagnie d'Entreprises C
 COMSYS Holdings Corporati
 Construcciones y Auxiliar
 Continental Holdings Corp
 Cosel Co., Ltd.
 Costain Group plc
 Cramo Oyj
 Crane Co.
 CTCI Corporation
 Daelim Industrial Co., Lt
 DAI-DAN Co., Ltd.
 Daifuku Co., Ltd.
 Daiho Corporation
 Daikin Industries,Ltd.
 Daiwa Industries Ltd.
 Danieli & C. Officine Mec
 Dassault Aviation SA
 Dätwyler Holding Inc.
 Deere & Company
 Denyo Co., Ltd.
 DEUTZ Aktiengesellschaft
 Dialight plc
 DMCI Holdings, Inc.
 DMG MORI AKTIENGESELLSCHA
 DMG Mori Co., Ltd.
 Donaldson Company, Inc.
 Dongkuk Structures & Cons
 dormakaba Holding AG
 Dover Corporation
 Dycom Industries, Inc.
 Dynasty Ceramic Public Co
 Ebara Corporation
 Eicher Motors Limited
 Eiffage SA
 Ekovest Berhad
 Elbit Systems Ltd.
 Electra Limited
 Embraer S.A.
 Encore Wire Corporation
 EnerSys
 Engineers India Limited
 EnPro Industries, Inc.
 eTEC E&C Limited
 Exco Technologies Limited
 Fanuc Corporation
 Fastenal Company
 Federal Signal Corporatio
 Feintool International Ho
 Fenner PLC
 Ferguson plc
 Finning International Inc
 Flowserve Corporation
 Fluor Corporation
 Force Motors Limited
 Foshan Electrical and Lig
 Franklin Electric Co., In
 Fudo Tetra Corporation
 Fuji Corporation
 Fujitec Co.,Ltd.
 Fukuda Corporation
 Fukushima Industries Corp
 Furukawa Electric Co., Lt
 GATX Corporation
 GE Power India Limited
 GE T&D India Limited
 GEA Group Aktiengesellsch
 Geberit AG
 Gecoss Corporation
 George Kent (Malaysia) Be
 Giken Ltd.
 Glory Ltd.
 Godrej Industries Limited
 Graco Inc.
 Granite Construction Inco
 Greaves Cotton Limited
 Griffon Corporation
 GWA Group Limited
 H&E Equipment Services, I
 Haitian International Hol
 Haldex AB (publ)
 Hanwa Co., Ltd.
 Hanwha Aerospace Co., Ltd
 Hap Seng Consolidated Ber
 Harmonic Drive Systems In
 Harris Corporation
 Haulotte Group SA
 Hazama Ando Corporation
 Hexagon Composites ASA
 Hexcel Corporation
 Hibiya Engineering, Ltd.
 Hino Motors, Ltd.
 Hirata Corporation
 Hisaka Works, Ltd.
 Hitachi Construction Mach
 Hitachi Zosen Corporation
 Hiwin Technologies Corp.
 HOCHTIEF Aktiengesellscha
 Hong Leong Industries Ber
 Hoshizaki Corporation
 Howden Joinery Group Plc
 Huangshi Dongbei Electric
 Hubbell Incorporated
 Huber+Suhner AG
 Huntington Ingalls Indust
 Hy-Lok Corporation ,Ltd.
 Hyundai Engineering & Con
 I.M.A. Industria Macchine
 IDEC Corporation
 IHI Corporation
 iMarketKorea Inc.
 IMI plc
 Implenia AG
 Inaba Denki Sangyo Co.,Lt
 INDUS Holding AG
 Industries Qatar Q.S.C.
 Indutrade AB (publ)
 Insteel Industries, Inc.
 Interpump Group S.p.A.
 Invicta Holdings Limited
 Iochpe-Maxion S.A.
 IRB Infrastructure Develo
 IS DongSeo Co., Ltd.
 Iseki & Co., Ltd.
 Isgec Heavy Engineering L
 Italian-Thai Development
 Jacobs Engineering Group
 Jacquet Metal Service SA
 JAMCO Corporation
 Japan Pulp and Paper Comp
 Jardine Matheson Holdings
 Jardine Strategic Holding
 JGC Corporation
 John Bean Technologies Co
 Johnson Electric Holdings
 JTEKT Corporation
 Jungheinrich Aktiengesell
 Jvm Co., Ltd.
 K.S. Terminals Inc.
 Kadant Inc.
 Kajaria Ceramics Limited
 Kajima Corporation
 Kalpataru Power Transmiss
 Kaman Corporation
 Kamei Corporation
 Kanamoto Co.,Ltd.
 Kandenko Co., Ltd.
 Kanematsu Corporation
 Kardex AG
 Kato Works Co., Ltd.
 KC Co., Ltd.
 KEC International Limited
 Keller Group plc
 Kennametal Inc.
 KEPSCO Engineering & Const
 Kinden Corporation
 King Slide Works Co., Ltd
 Kingspan Group plc

Kinik Company
 KITZ Corporation
 Koenig & Bauer AG
 Kolon Corporation
 Komatsu Ltd.
 Komax Holding AG
 Komori Corporation
 KONE Oyj
 Korea Aerospace Industrie
 Korea Electric Terminal C
 Kronas AG
 Kubota Corporation
 Kumagai Gumi Co., Ltd.
 Kung Long Batteries Indus
 Kurita Water Industries L
 Kyokuto Kaihatsu Kogyo Co
 Kyowa Exeo Corporation
 Kyudenko Corporation
 Kyung Dong Navien Co., Lt
 L3 Technologies, Inc.
 Lakshmi Machine Works Lim
 Legrand SA
 LG Corp.
 Lincoln Electric Holdings
 Lindab International AB
 Lindsay Corporation
 Lisi S.A.
 LIXIL Group Corporation
 Lonking Holdings Limited
 LS Corp.
 LSIS Co., Ltd.
 Mabuchi Motor Co., Ltd.
 Maeda Corporation
 Maeda Kosen Co., Ltd.
 MAEDA ROAD CONSTRUCTION C
 Magellan Aerospace Corpor
 Maire Tecnimont S.p.A.
 Makino Milling Machine Co
 Makita Corporation
 MAN SE
 Manitou BF SA
 Marcopolo S.A.
 Marubeni Corporation
 MasTec, Inc.
 Max Co., Ltd.
 Maxar Technologies Ltd.
 Megawide Construction Cor
 Meggitt PLC
 Meier Tobler Group AG
 Mercury Systems, Inc.
 Metso Corporation
 Millat Tractors Limited
 MIRAIT Holdings Corporati
 Mitsubishi Heavy Industri
 Mitsubishi Logisnext Co.,
 Mitsuboshi Belting Ltd.
 Mitsui & Co., Ltd.
 Mitsui E&S Holdings Co.,
 Miura Co., Ltd.
 Monadelphous Group Limite
 MonotaRO Co., Ltd.

Moog Inc.
 Morita Holdings Corporati
 Mota-Engil, SGPS, S.A.
 MSC Industrial Direct Co.
 Mueller Water Products, I
 Muhibbah Engineering (M)
 Murray & Roberts Holdings
 MYR Group Inc.
 Nagase & Co., Ltd.
 Namura Shipbuilding Co.,
 National Central Cooling
 NCC Limited
 NCI Building Systems, Inc
 NFI Group Inc.
 NGK Insulators, Ltd.
 NICHIDEN Corporation
 Nichiha Corporation
 Nihon Trim Co., Ltd.
 Nippo Corporation
 Nippon Densetsu Kogyo Co.
 Nippon Steel & Sumikin Bu
 Nippon Thompson Co., Ltd.
 Nishimatsu Construction C
 Nishio Rent All Co., Ltd.
 Nissei Asb Machine Co., L
 Nissin Electric Co.,Ltd.
 Nitta Corporation
 Nitto Kohki Co., Ltd.
 Nittoku Engineering Co.,
 NKT A/S
 Nordex SE
 Noritx Corporation
 NORMA Group SE
 Northrop Grumman Corporat
 Northrop Grumman Innovati
 NTN Corporation
 NWS Holdings Limited
 Obara Group Incorporated
 Obayashi Corporation
 OHB SE
 Oiles Corporation
 Okabe Co., Ltd.
 Okuma Corporation
 Organo Corporation
 OSG Corporation
 Oshkosh Corporation
 OSJB Holdings Corporation
 Otokar Otomotiv ve Savunm
 Owens Corning
 PACCAR Inc
 Parker-Hannifin Corporati
 Park-Ohio Holdings Corp.
 Patrick Industries, Inc.
 Penta-Ocean Construction
 Per Aarsleff Holding A/S
 Pfeiffer Vacuum Technolog
 PGT Innovations, Inc.
 Ponsse Oyj
 Posco Daewoo Corporation
 Powell Industries, Inc.
 Prima Industrie S.p.A.

Proto Labs, Inc.
 Prysmian S.p.A.
 PT Adhi Karya (Persero) T
 PT AKR Corporindo Tbk
 PT Pembangunan Perumahan
 PT Waskita Karya (Persero
 PT Wijaya Karya (Persero)
 QinetiQ Group Plc
 QST International Corp.
 Quanex Building Products
 Quanta Services, Inc.
 Raito Kogyo Co., Ltd.
 Ramirent Oyj
 RATIONAL Aktiengesellscha
 Raubex Group Limited
 Raytheon Company
 RBC Bearings Incorporated
 RCR Tomlinson Limited
 Rechi Precision Co., Ltd.
 Regal Beloit Corporation
 Rexel S.A.
 Rieter Holding AG
 Rockwell Collins, Inc.
 Rolls-Royce Holdings plc
 Roper Technologies, Inc.
 Royal Boskalis Westminste
 Run Long Construction Co.
 Rush Enterprises, Inc.
 Russel Metals Inc.
 Ryobi Limited
 Saab AB (publ)
 Safran SA
 SalfaCorp S.A.
 Salini Impregilo S.p.A.
 San Shing Fastech Corp.
 Sandvik AB
 Sanki Engineering Co., Lt
 Sanwa Holdings Corporatio
 Sanyo Denki Co., Ltd.
 Schindler Holding AG
 Schweiter Technologies AG
 Sekisui Jushi Corporation
 Sembcorp Marine Ltd
 Seven Group Holdings Limi
 Shanghai Prime Machinery
 Shima Seiki Mfg., Ltd.
 Shimizu Corporation
 Shin Zu Shing Co., Ltd.
 ShinMaywa Industries, Ltd
 SHO-BOND Holdings Co.,Ltd
 Siemens Gamesa Renewable
 Siemens Limited
 Simpson Manufacturing Co.
 Sinfonia Technology Co.,
 Singamas Container Holdin
 Singapore Technologies En
 Sinko Industries Ltd.
 Sino-Thai Engineering and
 Sinotruk (Hong Kong) Limi
 Sintokogio,Ltd.
 SK Holdings Co., Ltd.

Skanska AB (publ)
 SKP Resources Bhd
 SMC Corporation
 SNC-Lavalin Group Inc.
 Sodick Co., Ltd.
 Sojitz Corporation
 Solar A/S
 Somany Ceramics Limited
 Spartan Motors, Inc.
 Spirax-Sarco Engineering
 Spirit AeroSystems Holdin
 SPX Corporation
 Stanley Black & Decker, I
 Sumitomo Densetsu Co., Lt
 Sumitomo Heavy Industries
 Sunonwealth Electric Mach
 Sweco AB (publ)
 Syncmold Enterprise Corp.
 Tadano Ltd.
 Taewoong Co.,Ltd
 Taeyoung Engineering & Co
 Taihei Dengyo Kaisha, Ltd
 Taikisha Ltd.
 Taisei Corporation
 Takara Standard Co.,Ltd.
 Takasago Thermal Engineer
 Takeuchi Mfg. Co., Ltd.
 Takuma Co., Ltd.
 Techno Electric & Enginee
 TECO Electric & Machinery
 Teikoku Sen-i Co., Ltd.
 Tekken Corporation
 Tennant Company
 Terex Corporation
 Thales S.A.
 The Boeing Company
 The Gorman-Rupp Company
 The Greenbrier Companies,
 The Manitowoc Company, In
 The Middleby Corporation
 THE NIPPON ROAD Co., Ltd.
 Thermax Limited
 THK Co., Ltd.
 Timken India Limited
 TKH Group N.V.
 TOA Corporation
 TOCALO Co., Ltd.
 Toda Corporation
 Toenec Corporation
 Tokyu Construction Co., L
 Toromont Industries Ltd.
 Toshiba Machine Co., Ltd.
 Toshiba Plant Systems & S
 Totetsu Kogyo Co., Ltd.
 Toto Ltd.
 Toyo Construction Co., Lt
 Trakya Cam Sanayii A.S.
 Travis Perkins plc
 Trex Company, Inc.
 Trinity Industries, Inc.
 Trusco Nakayama Corporati

Tsubakimoto Chain Co.
 Tsumami Corporation
 Tsurumi Manufacturing Co.
 Türk Traktör ve Ziraat Ma
 Türkiye Sise Ve Cam Fabri
 Tutor Perini Corporation
 UEM Edgenta Berhad
 Ultra Electronics Holding
 Union Tool Co.
 Unique Engineering And Co
 United Integrated Service
 United Rentals, Inc.
 Universal Forest Products
 Vanachai Group Public Com
 Vestas Wind Systems A/S
 Voltronic Power Technolog
 W.W. Grainger, Inc.
 Wabash National Corporati
 WABCO Holdings Inc.
 Wacker Neuson SE
 Wajax Corporation
 Wärtsilä Oyj Abp
 Washtec AG
 Watsco, Inc.
 Watts Water Technologies,
 WCT Holdings Berhad
 WEG S.A.
 WESCO International, Inc.
 Westinghouse Air Brake Te
 Wilson Bayly Holmes-Ovcon
 WSP Global Inc.
 Xxentria Technology Mater
 Yahagi Construction Co.,L
 Yamabiko Corporation
 Yamazen Corporation
 Yangzijiang Shipbuilding
 Yokogawa Bridge Holdings
 Yungtay Engineering Co.,
 Yurtec Corporation
 Yushin Precision Equipmen
 Zardoya Otis, S.A.

GICS 201010

AAR Corp.
 AeroVironment, Inc.
 Airbus SE
 Aselsan Elektronik Sanayi
 Astronics Corporation
 Austal Limited
 AviChina Industry & Techn
 Axon Enterprise, Inc.
 BAE Systems plc
 CAE Inc.
 Dassault Aviation SA
 Elbit Systems Ltd.
 Embraer S.A.
 Hanwha Aerospace Co., Ltd
 Hexcel Corporation
 Huntington Ingalls Indust
 JAMCO Corporation
 Korea Aerospace Industrie

L3 Technologies, Inc.
 Lisi S.A.
 Magellan Aerospace Corpor
 Maxar Technologies Ltd.
 Meggitt PLC
 Mercury Systems, Inc.
 Northrop Grumman Corporat
 Northrop Grumman Innovati
 OHB SE
 QinetiQ Group Plc
 Raytheon Company
 Rockwell Collins, Inc.
 Saab AB (publ)
 Safran SA
 Singapore Technologies En
 Spirit AeroSystems Holdin
 Thales S.A.
 The Boeing Company
 Ultra Electronics Holding

GICS 201020

A. O. Smith Corporation
 AAON, Inc.
 AGC Inc.
 Aica Kogyo Company, Limit
 Apogee Enterprises, Inc.
 Armstrong World Industrie
 ASSA ABLOY AB (publ)
 Builders FirstSource, Inc
 Bunka Shutter Co., Ltd.
 CENTROTEC Sustainable AG
 Cera Sanitaryware Limited
 China Lesso Group Holding
 Daikin Industries,Ltd.
 dormakaba Holding AG
 Dynasty Ceramic Public Co
 Geberit AG
 GWA Group Limited
 Insteel Industries, Inc.
 IS DongSeo Co., Ltd.
 Kajaria Ceramics Limited
 Kingspan Group plc
 Kyung Dong Navien Co., Lt
 Lindab International AB
 LIXIL Group Corporation
 Maeda Kosen Co., Ltd.
 National Central Cooling
 NCI Building Systems, Inc
 Nichiha Corporation
 Noritz Corporation
 Okabe Co., Ltd.
 Owens Corning
 Patrick Industries, Inc.
 PGT Innovations, Inc.
 Quanex Building Products
 Sanwa Holdings Corporatio
 Schweiter Technologies AG
 Sekisui Jushi Corporation
 Simpson Manufacturing Co.
 Sinko Industries Ltd.
 Somany Ceramics Limited

Takara Standard Co.,Ltd.
Takasago Thermal Engineer
Toto Ltd.
Trakya Cam Sanayii A.S.
Trex Company, Inc.
Universal Forest Products
Vanachai Group Public Com
Xxentria Technology Mater

Kalpataru Power Transmiss
Kandenko Co., Ltd.
KEC International Limited
Keller Group plc
KEPCO Engineering & Const
Kinden Corporation
Kumagai Gumi Co., Ltd.
Kyowa Exeo Corporation
Kyudenko Corporation

United Integrated Service
WCT Holdings Berhad
Wilson Bayly Holmes-Ovcon
WSP Global Inc.
Yahagi Construction Co.,L
Yokogawa Bridge Holdings
Yurtec Corporation

GICS 201030

ACS, Actividades de Const
AECOM
Aecon Group Inc.
Aegion Corporation
Arcadis NV
Ashoka Buildcon Limited
Badger Daylighting Ltd.
BES Engineering Corporati
Bird Construction Inc.
Budimex SA
Burkhalter Holding AG
CH. Karnchang Public Comp
China Communications Cons
China Railway Constructio
China Railway Group Limit
China Singyes Solar Techn
China State Construction
Chiyoda Corporation
Chudenko Corporation
CIMIC Group Limited
Comfort Systems USA, Inc.
Compagnie d'Entreprises C
COMSYS Holdings Corporati
Continental Holdings Corp
Costain Group plc
CTCI Corporation
Daelim Industrial Co., Lt
DAI-DAN Co., Ltd.
Daiho Corporation
Dongkuk Structures & Cons
Dycom Industries, Inc.
Eiffage SA
Ekovest Berhad
Electra Limited
Engineers India Limited
eTEC E&C Limited
Fluor Corporation
Fudo Tetra Corporation
Fukuda Corporation
GE Power India Limited
Granite Construction Inco
Hazama Ando Corporation
Hibiya Engineering, Ltd.
HOCHTIEF Aktiengesellscha
Hyundai Engineering & Con
Implenia AG
IRB Infrastructure Develo
Italian-Thai Development
Jacobs Engineering Group
JGC Corporation
Kajima Corporation

Maeda Corporation
Maire Tecnimont S.p.A.
MasTec, Inc.
Megawide Construction Cor
MIRAIT Holdings Corporati
Monadelphous Group Limite
Mota-Engil, SGPS, S.A.
Murray & Roberts Holdings
MYR Group Inc.
NCC Limited
Nippo Corporation
Nippon Densetsu Kogyo Co.
Nishimatsu Construction C
Obayashi Corporation
OSJB Holdings Corporation
Penta-Ocean Construction
Per Aarsleff Holding A/S
PT Adhi Karya (Persero) T
PT Pembangunan Perumahan
PT Waskita Karya (Persero)
PT Wijaya Karya (Persero)
Quanta Services, Inc.
Raito Kogyo Co., Ltd.
Raubex Group Limited
Royal Boskalis Westminste
Run Long Construction Co.
SalfaCorp S.A.
Salini Impregilo S.p.A.
Sanki Engineering Co., Lt
Shimizu Corporation
SHO-BOND Holdings Co.,Ltd
Sino-Thai Engineering and
Skanska AB (publ)
SNC-Lavalin Group Inc.
Sumitomo Densetsu Co., Lt
Sweco AB (publ)
Taeyoung Engineering & Co
Taihei Dengyo Kaisha, Ltd
Taikisha Ltd.
Taisei Corporation
Techno Electric & Enginee
Tekken Corporation
TOA Corporation
Toda Corporation
Toenec Corporation
Tokyu Construction Co., L
Toshiba Plant Systems & S
Totetsu Kogyo Co., Ltd.
Toyo Construction Co., Lt
Tutor Perini Corporation
UEM Edgenta Berhad
Unique Engineering And Co

GICS 201040

AcBel Polytech Inc.
Acuity Brands, Inc.
Amara Raja Batteries Limi
Bharat Heavy Electricals
Bizlink Holding Inc.
Chicony Power Technology
China High Speed Transmis
Cosel Co., Ltd.
Denyo Co., Ltd.
Dialight plc
Encore Wire Corporation
EnerSys
Foshan Electrical and Lig
Furukawa Electric Co., Lt
GE T&D India Limited
Hubbell Incorporated
Huber+Suhner AG
IDEC Corporation
Johnson Electric Holdings
K.S. Terminals Inc.
Korea Electric Terminal C
Kung Long Batteries Indus
Legrand SA
LS Corp.
Mabuchi Motor Co., Ltd.
Nissin Electric Co.,Ltd.
NKT A/S
Nordex SE
Powell Industries, Inc.
Sanyo Denki Co., Ltd.
Siemens Gamesa Renewable
TECO Electric & Machinery
Vestas Wind Systems A/S
Voltronic Power Technolog

GICS 201050

Aboitiz Equity Ventures,
DMCI Holdings, Inc.
Godrej Industries Limited
Hap Seng Consolidated Ber
Hong Leong Industries Ber
INDUS Holding AG
Industries Qatar Q.S.C.
Jardine Matheson Holdings
Jardine Strategic Holding
Kolon Corporation
LG Corp.
NWS Holdings Limited
Siemens Limited
SK Holdings Co., Ltd.

GICS 201060

Aalberts Industries N.V.
AB Volvo (publ)
AGCO Corporation
AIA Engineering Limited
Aichi Corporation
Aida Engineering, Ltd.
AirTAC International Grou
Alamo Group Inc.
Alfa Laval AB (publ)
Alstom SA
Amada Holdings Co., Ltd.
ANEST IWATA Corporation
Asahi Diamond Industrial
Ashok Leyland Limited
Astec Industries, Inc.
Atlas Copco AB
ATS Automation Tooling Sy
Barnes Group Inc.
BEML Limited
Biesse S.p.A.
Bobst Group SA
Bucher Industries AG
Burckhardt Compression Ho
Cargotec Corporation
Caterpillar Inc.
Chart Industries, Inc.
China Yuchai Internationa
CIMC Enric Holdings Limit
CKD Corporation
Colfax Corporation
Columbus McKinnon Corpora
Construcciones y Auxiliar
Daifuku Co., Ltd.
Daiwa Industries Ltd.
Danieli & C. Officine Mec
Dätwyler Holding Inc.
Deere & Company
DEUTZ Aktiengesellschaft
DMG MORI AKTIENGESELLSCHA
DMG Mori Co., Ltd.
Donaldson Company, Inc.
Dover Corporation
Ebara Corporation
Eicher Motors Limited
EnPro Industries, Inc.
Exco Technologies Limited
Fanuc Corporation
Federal Signal Corporatio
Feintool International Ho
Fenner PLC
Flowserve Corporation
Force Motors Limited
Franklin Electric Co., In
Fuji Corporation
Fujitec Co.,Ltd.
Fukushima Industries Corp
GEA Group Aktiengesellsch
George Kent (Malaysia) Be
Giken Ltd.
Graco Inc.

Greaves Cotton Limited
Haitian International Hol
Haldex AB (publ)
Harmonic Drive Systems In
Haulotte Group SA
Hexagon Composites ASA
Hino Motors, Ltd.
Hirata Corporation
Hisaka Works, Ltd.
Hitachi Construction Mach
Hitachi Zosen Corporation
Hoshizaki Corporation
Huangshi Dongbei Electric
Hy-Lok Corporation ,Ltd.
I.M.A. Industria Macchine
IHI Corporation
IMI plc
Interpump Group S.p.A.
Iochpe-Maxion S.A.
Iseki & Co., Ltd.
Isgec Heavy Engineering L
John Bean Technologies Co
JTEKT Corporation
Jungheinrich Aktiengesell
Jvm Co., Ltd.
Kadant Inc.
Kardex AG
Kato Works Co., Ltd.
KC Co., Ltd.
Kennametal Inc.
King Slide Works Co., Ltd
KITZ Corporation
Koenig & Bauer AG
Komatsu Ltd.
Komax Holding AG
Komori Corporation
KONE Oyj
Krones AG
Kubota Corporation
Kurita Water Industries L
Kyokuto Kaihatsu Kogyo Co
Lakshmi Machine Works Lim
Lincoln Electric Holdings
Lindsay Corporation
Lonking Holdings Limited
Makino Milling Machine Co
Makita Corporation
MAN SE
Manitou BF SA
Marcopolo S.A.
Max Co., Ltd.
Meier Tobler Group AG
Metso Corporation
Millat Tractors Limited
Mitsubishi Heavy Industri
Mitsubishi Logisnext Co.,
Mitsuboshi Belting Ltd.
Mitsui E&S Holdings Co.,
Miura Co., Ltd.
Morita Holdings Corporati
Mueller Water Products, I

Namura Shipbuilding Co.,
NFI Group Inc.
NGK Insulators, Ltd.
Nihon Trim Co., Ltd.
Nippon Thompson Co., Ltd.
Nissei Asb Machine Co., L
Nitta Corporation
Nittoku Engineering Co.,
NORMA Group SE
NTN Corporation
Obara Group Incorporated
Oiles Corporation
Okuma Corporation
Organo Corporation
OSG Corporation
Otokar Otomotiv ve Savunm
PACCAR Inc
Parker-Hannifin Corporati
Park-Ohio Holdings Corp.
Pfeiffer Vacuum Technolog
Ponsse Oyj
Prima Industrie S.p.A.
Proto Labs, Inc.
QST International Corp.
RATIONAL Aktiengesellscha
RBC Bearings Incorporated
Rechi Precision Co., Ltd.
Rieter Holding AG
Ryobi Limited
San Shing Fastech Corp.
Sandvik AB
Schindler Holding AG
Sembcorp Marine Ltd
Shanghai Prime Machinery
Shima Seiki Mfg., Ltd.
Shin Zu Shing Co., Ltd.
Singamas Container Holdin
Sinotruk (Hong Kong) Limi
Sintokogio,Ltd.
SKP Resources Bhd
SMC Corporation
Sodick Co., Ltd.
Spartan Motors, Inc.
Spirax-Sarco Engineering
SPX Corporation
Sunonwealth Electric Mach
Syncmold Enterprise Corp.
Tadano Ltd.
Taewoong Co.,Ltd
Takeuchi Mfg. Co., Ltd.
Takuma Co., Ltd.
Teikoku Sen-i Co., Ltd.
Tennant Company
Terex Corporation
The Gorman-Rupp Company
The Greenbrier Companies,
The Manitowoc Company, In
The Middleby Corporation
Thermax Limited
THK Co., Ltd.
Timken India Limited

TOCALO Co., Ltd.
 Toshiba Machine Co., Ltd.
 Trinity Industries, Inc.
 Tsubakimoto Chain Co.
 Tsugami Corporation
 Tsurumi Manufacturing Co.
 Türk Traktör ve Ziraat Ma
 Union Tool Co.
 Wabash National Corporati
 WABCO Holdings Inc.
 Wacker Neuson SE
 Wärtsilä Oyj Abp
 Washtec AG
 Watts Water Technologies,
 WEG S.A.
 Westinghouse Air Brake Te
 Yamabiko Corporation
 Yungtay Engineering Co.,
 Yushin Precision Equipmen
 Zardoya Otis, S.A.

Rush Enterprises, Inc.
 Russel Metals Inc.
 Seven Group Holdings Limi
 Sojitz Corporation
 Toromont Industries Ltd.
 Travis Perkins plc
 Trusco Nakayama Corporati
 United Rentals, Inc.
 W.W. Grainger, Inc.
 Wajax Corporation
 Watsco, Inc.
 WESCO International, Inc.
 Yamazen Corporation

HomeServe plc
 InnerWorkings, Inc.
 Insperty, Inc.
 Interface, Inc.
 Intertek Group plc
 ITAB Shop Concept AB (publ
 Itoiki Corporation
 JAC Recruitment Co., Ltd.
 Kelly Services, Inc.
 KEPCO Plant Service & Eng
 Kimball International, In
 Knoll, Inc.
 Korn/Ferry International
 Kyodo Printing Co., Ltd.
 Link and Motivation Inc.
 Loomis AB (publ)
 ManpowerGroup Inc.
 Meitec Corporation
 Mitsubishi Pencil Co., Lt
 Mobile Mini, Inc.
 Morneau Shepell Inc.
 MSA Safety Incorporated
 Multi-Color Corporation
 NICE Information Service
 Nippon Kanzai Co., Ltd.
 NIPPON PARKING DEVELOPMEN
 NOMURA Co., Ltd.
 Okamura Corporation
 OUTSOURCING Inc.
 OYO Corporation
 PageGroup plc
 Pasona Group Inc.
 Persol Holdings Co., Ltd.
 Pilot Corporation
 Prestige International In
 Prosegur Compañía de Segu
 Randstad NV
 Relia, Inc.
 RELX PLC
 Republic Services, Inc.
 Resources Connection, Inc
 Ritchie Bros. Auctioneers
 Riverstone Holdings Limit
 Robert Half International
 Rollins, Inc.
 RPS Group plc
 S-1 Corporation
 Sato Holdings Corporation
 SGS SA
 Sohgo Security Services C
 SP Plus Corporation
 Sporton International Inc
 Staffline Group plc
 Stantec Inc.
 Steelcase Inc.
 Stericycle, Inc.
 Synergie SE
 Taiwan Secom Co., Ltd.
 Taiwan Shin Kong Security
 Teleperformance SE
 Tetra Tech, Inc.

GICS 2020

ACCO Brands Corporation
 Adecco Group AG
 Aeon Delight Co., Ltd.
 ÅF AB (publ)
 ALS Limited
 Amadeus FiRe AG
 ASGN Incorporated
 Assystem S.A.
 Benefit One Inc.
 Bertrandt Aktiengesellsch
 Blue Label Telecoms Limit
 Brambles Limited
 Brunel International N.V.
 Bureau Veritas SA
 CEWE Stiftung & Co. KGaA
 China Everbright Internat
 Cintas Corporation
 Clean Harbors, Inc.
 Cleanaway Company Limited
 Copart, Inc.
 CoStar Group, Inc.
 Covanta Holding Corporati
 Dai Nippon Printing Co.,
 Daiseki Co.,Ltd.
 Deluxe Corporation
 Derichebourg
 ECOVE Environment Corpora
 Elanders AB (publ)
 en-japan inc.
 Ennis, Inc.
 Equifax Inc.
 Essendant Inc.
 Experian plc
 Exponent, Inc.
 Forrester Research, Inc.
 Fullcast Holdings Co., Lt
 Funai Soken Holdings Inco
 G4S plc
 GL Events
 GP Strategies Corporation
 Groupe CRIT SA
 Gunnebo AB
 Hays plc
 Healthcare Services Group
 Herman Miller, Inc.
 HNI Corporation

GICS 201070

Adani Enterprises Limited
 Advan Co., Ltd.
 Aircastle Limited
 Applied Industrial Techno
 Ashtead Group plc
 Beacon Roofing Supply, In
 Bossard Holding AG
 Brenntag AG
 Bunzl plc
 Cramo Oyj
 Fastenal Company
 Ferguson plc
 Finning International Inc
 GATX Corporation
 Gecoss Corporation
 H&E Equipment Services, I
 Hanwa Co., Ltd.
 Howden Joinery Group Plc
 iMarketKorea Inc.
 Inaba Denki Sangyo Co.,Lt
 Indutrade AB (publ)
 Invicta Holdings Limited
 Jacquet Metal Service SA
 Japan Pulp and Paper Comp
 Kamei Corporation
 Kanamoto Co.,Ltd.
 Kanematsu Corporation
 Marubeni Corporation
 Mitsui & Co., Ltd.
 MonotaRO Co., Ltd.
 MSC Industrial Direct Co.
 Nagase & Co., Ltd.
 NICHIDEN Corporation
 Nippon Steel & Sumikin Bu
 Nishio Rent All Co., Ltd.
 Posco Daewoo Corporation
 PT AKR Corporindo Tbk
 Ramirent Oyj
 Rexel S.A.

The Brink's Company
Tianjin Capital Environme
Toppan Forms Co., Ltd.
Tocho Printing Company, L
Tox Free Solutions Limite
Transcontinental Inc.
TrueBlue, Inc.
Trust Tech Inc.
UniFirst Corporation
US Ecology, Inc.
UT Group Co., Ltd.
Viad Corp
WageWorks, Inc.
Waste Management, Inc.
Yumeshin Holdings Co.,Ltd

Relia, Inc.
Republic Services, Inc.
Ritchie Bros. Auctioneers
Riverstone Holdings Limit
Rollins, Inc.
RPS Group plc
S-1 Corporation
Sato Holdings Corporation
Sohgo Security Services C
SP Plus Corporation
Steelcase Inc.
Stericycle, Inc.
Taiwan Secom Co., Ltd.
Taiwan Shin Kong Security
Tetra Tech, Inc.
The Brink's Company
Tianjin Capital Environme
Toppan Forms Co., Ltd.
Tocho Printing Company, L
Tox Free Solutions Limite
Transcontinental Inc.
UniFirst Corporation
US Ecology, Inc.
Viad Corp
Waste Management, Inc.

Pasona Group Inc.
Persol Holdings Co., Ltd.
Randstad NV
RELX PLC
Resources Connection, Inc
Robert Half International
SGS SA
Sporton International Inc
Staffline Group plc
Stantec Inc.
Synergie SE
Teleperformance SE
TrueBlue, Inc.
Trust Tech Inc.
UT Group Co., Ltd.
WageWorks, Inc.
Yumeshin Holdings Co.,Ltd

GICS 202010

ACCO Brands Corporation
Aeon Delight Co., Ltd.
Blue Label Telecoms Limit
Brambles Limited
CEWE Stiftung & Co. KGaA
Cintas Corporation
Clean Harbors, Inc.
Cleanaway Company Limited
Copart, Inc.
Covanta Holding Corporati
Dai Nippon Printing Co.,
Daiseki Co.,Ltd.
Deluxe Corporation
Derichebourg
ECOVE Environment Corpora
Elanders AB (publ)
Ennis, Inc.
Essendant Inc.
G4S plc
GL Events
Gunnebo AB
Healthcare Services Group
Herman Miller, Inc.
HNI Corporation
HomeServe plc
Interface, Inc.
ITAB Shop Concept AB (pub
Itoki Corporation
KEPCO Plant Service & Eng
Kimball International, In
Knoll, Inc.
Kyodo Printing Co., Ltd.
Loomis AB (publ)
Mitsubishi Pencil Co., Lt
Mobile Mini, Inc.
MSA Safety Incorporated
Multi-Color Corporation
Nippon Kanzai Co., Ltd.
NIPPON PARKING DEVELOPMEN
Okamura Corporation
OYO Corporation
Pilot Corporation
Prestige International In
Prosegur Compañía de Segu

GICS 202020

Adecco Group AG
ÅF AB (publ)
ALS Limited
Amadeus FiRe AG
ASGN Incorporated
Assystem S.A.
Benefit One Inc.
Bertrandt Aktiengesellsch
Brunel International N.V.
Bureau Veritas SA
CoStar Group, Inc.
en-japan inc.
Equifax Inc.
Experian plc
Exponent, Inc.
Forrester Research, Inc.
Fullcast Holdings Co., Lt
Funai Soken Holdings Inco
GP Strategies Corporation
Groupe CRIT SA
Hays plc
InnerWorkings, Inc.
Insperty, Inc.
Intertek Group plc
JAC Recruitment Co., Ltd.
Kelly Services, Inc.
Korn/Ferry International
Link and Motivation Inc.
ManpowerGroup Inc.
Meitec Corporation
Morneau Shepell Inc.
NICE Information Service
NOMURA Co., Ltd.
PageGroup plc

GICS 2030

A.P. Møller - Mærsk A/S
Abertis Infraestructuras,
Adani Ports and Special E
Aegean Airlines S.A.
Aéroports de Paris SA
Air Arabia PJSC
Air China Limited
Air New Zealand Limited
Air Transport Services Gr
AirAsia Group Berhad
Airports of Thailand Publ
Allcargo Logistics Limite
Allegiant Travel Company
AMERCO
ANA Holdings Inc.
Anhui Expressway Company
ArcBest Corporation
ASTM S.p.A.
Atlantia S.p.A.
Auckland International Ai
Aurizon Holdings Limited
Avis Budget Group, Inc.
Bangkok Aviation Fuel Ser
BBA Aviation plc
Beijing Capital Internati
Blue Dart Express Limited
Bollore
C.H. Robinson Worldwide,
Canadian National Railway
Canadian Pacific Railway
CCR S.A.
Cebu Air, Inc.
Central Japan Railway Com
China Airlines, Ltd.
China Merchants Port Hold
Chorus Aviation Inc.
Chu Kong Shipping Enterpr
CJ Logistics Corporation
ComfortDelGro Corporation
Container Corporation of
Covenant Transportation G
CSX Corporation

Dart Group plc
 Delta Air Lines, Inc.
 Deutsche Lufthansa Aktien
 Deutsche Post AG
 DFDS A/S
 DP World Limited
 DSV A/S
 East Japan Railway Compan
 easyJet plc
 Echo Global Logistics, In
 EcoRodovias Infraestrutur
 El Al Israel Airlines Ltd
 Evergreen Intl. Storage &
 Exchange Income Corporati
 Expeditors International
 FedEx Corporation
 Finnair Oyj
 Firstgroup plc
 Flughafen Zürich AG
 Forward Air Corporation
 Fukuyama Transporting Co.
 Gateway Distriparks Limit
 GD Express Carrier Bhd
 Genesee & Wyoming Inc.
 Getlink S.E.
 Grupo Aeroméxico, S.A.B.
 Grupo Aeroportuario del P
 Grupo Aeroportuario del S
 Guangdong Yueyun Transpor
 Gujarat Pipavav Port Limi
 Gulf Warehousing Company
 Hamakyorex Co., Ltd.
 Hamburger Hafen und Logis
 Hanjin Transportation Co.
 Hawaiian Holdings, Inc.
 Heartland Express, Inc.
 Hitachi Transport System,
 HNA Infrastructure Compan
 Hub Group, Inc.
 ID Logistics Group SA
 Iino Kaiun Kaisha, Ltd.
 International Container T
 Int'l Consolidated Airlin
 J.B. Hunt Transport Servi
 Japan Airlines Co., Ltd.
 Japan Airport Terminal Co
 Kamigumi Co., Ltd.
 Kansas City Southern
 Keio Corporation
 Keisei Electric Railway C
 Kerry T.J. Logistics Compan
 Kintetsu World Express, I
 Knight-Swift Transportati
 Kuehne + Nagel Internatio
 Landstar System, Inc.
 Localiza Rent a Car S.A.
 Marten Transport, Ltd.
 Maruzen Showa Unyu Co., L
 Matson, Inc.
 MISC Berhad
 Mitsubishi Logistics Corp

Nagoya Railroad Co., Ltd.
 National Express Group PL
 Nippon Express Co., Ltd.
 Norfolk Southern Corporat
 Northgate plc
 NS United Kaiun Kaisha, L
 Odakyu Electric Railway C
 Old Dominion Freight Line
 Österreichische Post AG
 Panalpina Welttransport (P
 Piraeus Port Authority S.
 Promotora y Operadora de
 Pt Jasa Marga (Persero) T
 Qube Holdings Limited
 Redde plc
 Ryanair Holdings plc
 Ryder System, Inc.
 Saia, Inc.
 Sakai Moving Service Co.,
 SAS AB (publ)
 Shanghai Jin Jiang Intl I
 Shenzhen Expressway Compa
 Singapore Airlines Limite
 Singapore Post Limited
 Sinotrans Limited
 SITC Int'l Holdings Co. L
 SkyWest, Inc.
 Società Iniziative Autost
 Sotetsu Holdings, Inc.
 Southwest Airlines Co.
 Stagecoach Group plc
 Stolt-Nielsen Limited
 Sydney Airport Limited
 Taiwan High Speed Rail Co
 TFI International Inc.
 The Go-Ahead Group plc
 The Shipping Corporation
 The Sumitomo Warehouse Co
 Tianjin Port Development
 Trancom Co., Ltd.
 Transurban Group
 Türk Hava Yollari Anonim
 U-Ming Marine Transport C
 Union Pacific Corporation
 United Continental Holdin
 United Parcel Service, In
 Universal Logistics Holdi
 VTG Aktiengesellschaft
 Wallenius Wilhelmsen Logi
 Wan Hai Lines Ltd.
 Werner Enterprises, Inc.
 WestJet Airlines Ltd.
 Wisdom Marine Lines Co.,
 Yamato Holdings Co., Ltd.
 Yuexiu Transport Infrastr
 Zhejiang Expressway Co.,

GICS 203010

Allcargo Logistics Limite
 Blue Dart Express Limited
 Bollore

Deutsche Post AG
 Echo Global Logistics, In
 Expeditors International
 FedEx Corporation
 Forward Air Corporation
 GD Express Carrier Bhd
 Guangdong Yueyun Transpor
 Gulf Warehousing Company
 Hub Group, Inc.
 ID Logistics Group SA
 Kerry T.J. Logistics Compan
 Kintetsu World Express, I
 Österreichische Post AG
 Singapore Post Limited
 Yamato Holdings Co., Ltd.

GICS 203020

Aegean Airlines S.A.
 Air Arabia PJSC
 Air China Limited
 Air New Zealand Limited
 AirAsia Group Berhad
 Allegiant Travel Company
 Cebu Air, Inc.
 China Airlines, Ltd.
 Chorus Aviation Inc.
 Dart Group plc
 Delta Air Lines, Inc.
 easyJet plc
 El Al Israel Airlines Ltd
 Exchange Income Corporati
 Finnair Oyj
 Grupo Aeroméxico, S.A.B.
 Hawaiian Holdings, Inc.
 Int'l Consolidated Airlin
 Japan Airlines Co., Ltd.
 Ryanair Holdings plc
 SAS AB (publ)
 Singapore Airlines Limite
 SkyWest, Inc.
 Southwest Airlines Co.
 Türk Hava Yollari Anonim
 United Continental Holdin
 WestJet Airlines Ltd.

GICS 203030

A.P. Møller - Mærsk A/S
 Chu Kong Shipping Enterpr
 Iino Kaiun Kaisha, Ltd.
 Kuehne + Nagel Internatio
 Matson, Inc.
 MISC Berhad
 NS United Kaiun Kaisha, L
 SITC Int'l Holdings Co. L
 Stolt-Nielsen Limited
 The Shipping Corporation
 U-Ming Marine Transport C
 Wallenius Wilhelmsen Logi
 Wan Hai Lines Ltd.
 Wisdom Marine Lines Co.,

GICS 203040

AMERCO
Aurizon Holdings Limited
Avis Budget Group, Inc.
Canadian National Railway
Canadian Pacific Railway
Central Japan Railway Com
CJ Logistics Corporation
ComfortDelGro Corporation
Container Corporation of
Covenant Transportation G
CSX Corporation
East Japan Railway Compan
Evergreen Intl. Storage &
Firstgroup plc
Fukuyama Transporting Co.
Genesee & Wyoming Inc.
Heartland Express, Inc.
Hitachi Transport System,
J.B. Hunt Transport Servi
Kansas City Southern
Keio Corporation
Keisei Electric Railway C
Knight-Swift Transportati
Landstar System, Inc.
Localiza Rent a Car S.A.
Marten Transport, Ltd.
Maruzen Showa Unyu Co., L
National Express Group PL
Nippon Express Co., Ltd.
Norfolk Southern Corporat
Northgate plc
Odakyu Electric Railway C
Old Dominion Freight Line
Redde plc
Ryder System, Inc.
Saia, Inc.
Sakai Moving Service Co.,
Shanghai Jin Jiang Intl I
Sotetsu Holdings, Inc.
Stagecoach Group plc
TFI International Inc.
The Go-Ahead Group plc
Union Pacific Corporation
Universal Logistics Holdi
VTG Aktiengesellschaft
Werner Enterprises, Inc.

GICS 203050

Abertis Infraestructuras,
Adani Ports and Special E
Aéroports de Paris SA
Airports of Thailand Publ
Anhui Expressway Company
ASTM S.p.A.
Atlantia S.p.A.
Auckland International Ai
Bangkok Aviation Fuel Ser
BBA Aviation plc
Beijing Capital Internati
CCR S.A.

China Merchants Port Hold
DP World Limited
EcoRodovias Infraestrutur
Flughafen Zürich AG
Gateway Distriparks Limit
Getlink S.E.
Grupo Aeroportuario del P
Grupo Aeroportuario del S
Gujarat Pipavav Port Limi
Hamburger Hafen und Logis
HNA Infrastructure Compan
International Container T
Japan Airport Terminal Co
Kamigumi Co., Ltd.
Mitsubishi Logistics Corp
Piraeus Port Authority S.
Promotora y Operadora de
Pt Jasa Marga (Persero) T
Shenzhen Expressway Compa
Società Iniziative Autost
Sydney Airport Limited
Taiwan High Speed Rail Co
The Sumitomo Warehouse Co
Tianjin Port Development
Transurban Group
Yuexiu Transport Infrastr
Zhejiang Expressway Co.,

GICS 25

361 Degrees International
888 Holdings plc
Aaron's, Inc.
AB Electrolux (publ)
ABC-Mart, Inc.
Abercrombie & Fitch Co.
Accell Group N.V.
Accent Group Limited
Accor SA
Actron Technology Corpora
Adastria Co., Ltd.
Adidas AG
Adtalem Global Education
Advance Auto Parts, Inc.
ADvTECH Limited
Aeon Fantasy Co., Ltd.
Ainsworth Game Technology
Aisan Industry Co., Ltd.
Aisin Seiki Co., Ltd.
Aksa Akrilik Kimya Sanayi
AKWEL
Alpargatas S.A.
Alpen Co., Ltd.
Alpine Electronics, Inc.
Alsea, S.A.B. De C.V.
Amazon.com, Inc.
Amer Sports Corporation
American Axle & Manufactu
American Eagle Outfitters
American Outdoor Brands C
American Public Education
AMUSE Inc.

ANTA Sports Products Limi
AOKI Holdings Inc.
Aoyama Trading Co., Ltd.
APGJSGA SA
Apollo Tyres Limited
Aptiv PLC
Arata Corporation
ARB Corporation Limited
Arçelik Anonim Sirketi
Arcland Sakamoto Co.,Ltd.
Arcland Service Holdings
Arezzo Indústria e Comércio
Aristocrat Leisure Limite
Arvind Limited
Asahi Co., Ltd.
Asbury Automotive Group,
ASICS Corporation
ASKUL Corporation
Astro Malaysia Holdings B
ATOM Corporation
Atresmedia Corporación de
Autobacs Seven Co., Ltd.
AutoCanada Inc.
Autogrill S.p.A.
Autoliv, Inc.
Automotive Holdings Group
AutoNation, Inc.
Autoneum Holding AG
Avev Inc.
Axel Springer SE
Bajaj Auto Limited
Balkrishna Industries Lim
BANDAI NAMCO Holdings Inc
Barratt Developments plc
Basso Industry Corp.
Bata India Limited
Bayerische Motoren Werke
Beauty Community Public C
Beazer Homes USA, Inc.
BEC World Public Company
Bed Bath & Beyond Inc.
Belluna Co., Ltd.
Bellway p.l.c.
Benesse Holdings, Inc.
Bénéteau S.A.
Berjaya Sports Toto Berha
Best Buy Co., Inc.
Bet-At-Home.com AG
Betsson AB
Bharat Forge Limited
Bic Camera Inc.
Big Lots, Inc.
Biglari Holdings Inc.
Bilia AB
BJ's Restaurants, Inc.
Bloomerry Resorts Corpor
Booking Holdings Inc.
BorgWarner Inc.
Borussia Dortmund GmbH &
Bosch Limited
Bovis Homes Group PLC

Brembo S.p.A.
 Breville Group Limited
 Bridgestone Corporation
 Bronco Billy Co., Ltd.
 Brunello Cucinelli S.p.A.
 Brunswick Corporation
 Burberry Group plc
 Byggmax Group AB (publ)
 C.BANNER INTERNATIONAL Ho
 Cairo Communication S.p.A
 Caleres, Inc.
 Callaway Golf Company
 Canadian Tire Corporation
 Canon Marketing Japan Inc
 Capella Education Company
 CarMax, Inc.
 Carnival Corporation
 Carriage Services, Inc.
 Carter's, Inc.
 Cashbuild Limited
 Casio Computer Co., Ltd.
 Cavco Industries, Inc.
 CBS Corporation
 CCC S.A.
 CEAT Limited
 Ceconomy AG
 Chaowei Power Holdings Li
 Charter Communications, I
 Cheil Worldwide Inc.
 Cheng Shin Rubber Ind. Co
 Cherry AB (publ)
 Chico's FAS, Inc.
 China Dongxiang (Group) C
 China Lilang Limited
 China Motor Corporation
 China Travel Internationa
 China Trustful Group Limi
 China ZhengTong Auto Serv
 Chipotle Mexican Grill, I
 Chiyoda Co., Ltd.
 Chofu Seisakusho Co., Ltd
 Chori Co., Ltd.
 Chow Sang Sang Holdings I
 Chuy's Holdings, Inc.
 Cia. Hering
 CIE Automotive, S.A.
 Cinemark Holdings, Inc.
 Cineplex Inc.
 Cineworld Group plc
 Citi Trends, Inc.
 City Lodge Hotels Limited
 Citychamp Watch & Jewelle
 CJ CGV Co., Ltd.
 CJ E&M Corporation
 CJ ENM CO., Ltd.
 CJ Hello Co., Ltd.
 Clarion Co., Ltd.
 Clas Ohlson AB (publ)
 Cleanup Corporation
 Cogeco Communications Inc
 Cogeco Inc.
 Collins Foods Limited
 Colowide Co.,Ltd.
 Columbia Sportswear Compa
 Compagnie des Alpes SA
 Compagnie Financière Rich
 Compagnie Générale des Ét
 Compagnie Plastic Omnium
 Compass Group PLC
 Conn's, Inc.
 Consorcio ARA, S. A. B. d
 Continental Aktiengesells
 Cooper Tire & Rubber Comp
 Cooper-Standard Holdings
 Core-Mark Holding Company
 Corona Corporation
 Corporate Travel Manageme
 Corus Entertainment Inc.
 Coway Co., Ltd.
 Cox & Kings Limited
 Cracker Barrel Old Countr
 create restaurants holdin
 Crest Nicholson Holdings
 CTS Eventim AG & Co. KGaA
 Cub Elecparts Inc.
 Curro Holdings Limited
 Cyfrowy Polsat S.A.
 D.R. Horton, Inc.
 Daekyo Co., Ltd.
 Dah Chong Hong Holdings L
 Daimler AG
 Dana Incorporated
 Darden Restaurants, Inc.
 DCM Holdings Co., Ltd.
 Debenhams plc
 Deckers Outdoor Corporati
 Delek Automotive Systems
 De'Longhi S.p.A.
 Delta Corp Limited
 Delta Galil Industries Lt
 DENSO Corporation
 Dentsu Inc.
 Depo Auto Parts Industria
 Descente Ltd.
 Dick's Sporting Goods, In
 D'leteren SA
 Dillard's, Inc.
 Discovery, Inc.
 DISH Network Corporation
 DO & CO Aktiengesellschaft
 Dollar General Corporatio
 Dollar Tree, Inc.
 Domino's Pizza Enterprise
 Domino's Pizza Group plc
 Don Quijote Holdings Co.,
 Donaco International Limi
 Dongfeng Motor Group Comp
 Dorel Industries Inc.
 Dorman Products, Inc.
 Doshisha Co.,Ltd.
 DOUTOR NICHIREES Holdings
 DRB-HICOM Berhad
 DSW Inc.
 DTR Automotive Corporatio
 Dufry AG
 Dunelm Group plc
 Dunkin' Brands Group, Inc
 Eclat Textile Corporation
 EDION Corporation
 EIH Limited
 El Puerto de Liverpool, S
 ElringKlinger AG
 Emerson Pacific Inc.
 EnerCare Inc.
 Entecom Communications C
 Entertainment One Ltd.
 Entravision Communication
 Estácio Participações S.A
 Ethan Allen Interiors Inc
 Eutelsat Communications S
 EXEDY Corporation
 Expedia Group, Inc.
 Express, Inc.
 F&F Co., Ltd.
 F.C.C. Co., Ltd.
 Famous Brands Limited
 Far Eastern Department St
 Fast Retailing Co., Ltd.
 Faurecia S.A.
 Feng Tay Enterprises Co.,
 Fiat Chrysler Automobiles
 Fiesta Restaurant Group,
 Fila Korea Ltd.
 Five Below, Inc.
 Flight Centre Travel Grou
 Folli-Follie Commercial M
 Foot Locker, Inc.
 Ford Motor Company
 Formosa International Hot
 Formosa Taffeta Co., Ltd.
 Forus S.A.
 Fossil Group, Inc.
 Foster Electric Company,
 France Bed Holdings Co. L
 Fuji Co., Ltd.
 Fuji Kyuko Co., Ltd.
 Fujita Kanko Inc.
 Fujitsu General Limited
 Futaba Industrial Co., Lt
 G8 Education Limited
 Galaxy Entertainment Grou
 GameStop Corp.
 Garmin Ltd.
 Geely Automobile Holdings
 General Motors Company
 Genesco Inc.
 Gentex Corporation
 Gentherm Incorporated
 Genting Berhad
 Genting Malaysia Berhad
 Genting Singapore Limited
 Geo Holdings Corporation
 Geox S.p.A.

Gerry Weber International
 G-III Apparel Group, Ltd.
 Gildan Activewear Inc.
 Giordano International Li
 Golden Eagle Retail Group
 Golden Entertainment, Inc
 Goldwin Inc.
 Goodbaby International Ho
 Goodyear Lastikleri T.A.S
 Gourmet Master Co. Ltd.
 Graham Holdings Company
 Grammer AG
 Grand Korea Leisure Co.,
 Gray Television, Inc.
 Great Canadian Gaming Cor
 Great Wall Motor Company
 Greek Organization of Foo
 Greene King plc
 Greggs plc
 Group 1 Automotive, Inc.
 Grupo Televisa, S.A.B.
 GS Home Shopping Inc.
 G-Tekt Corporation
 Guangzhou Automobile Grou
 Guararapes Confeccões S.A
 GUD Holdings Limited
 Guess?, Inc.
 Gwangju Shinsegae Co., Lt
 H & M Hennes & Mauritz AB
 H.I.S. Co., Ltd.
 Haier Electronics Group C
 Hakuholdo DY Holdings Inc
 Halfords Group plc
 Halla Holdings Corp.
 Hanatour Service Inc.
 HANDSOME Corp.
 Hanesbrands Inc.
 Hanon Systems
 Hansae Co., Ltd.
 Hanssem Co., Ltd.
 Harley-Davidson, Inc.
 Harvey Norman Holdings Li
 Hasbro, Inc.
 Haverty Furniture Compani
 Heiwa Corporation
 Hermès International Soci
 Hero MotoCorp Limited
 Hibbett Sports, Inc.
 Hiday Hidaka Corp.
 Himatsingka Seide Limited
 Hiramatsu Inc.
 Hiroca Holdings Ltd.
 Hisense Kelon Electrical
 Home Product Center Publi
 Honda Atlas Cars (Pakista
 Honda Motor Co., Ltd.
 Hornbach Baumarkt AG
 Hosa International Limite
 Hota Industrial Mfg. Co.,
 Hotai Motor Co., Ltd.
 Hotel Shilla Co.,Ltd

Hu Lane Associate Inc.
 Hugo Boss AG
 Husqvarna AB (publ)
 Hwaseung Industries Co.,
 Hyundai Department Store
 Hyundai HCN Co., Ltd.
 Hyundai Home Shopping Net
 Hyundai Livart Furniture
 Hyundai Mobis Co.,Ltd
 Hyundai Motor Company
 HYUNDAI WIA Corporation
 IC Group A/S
 Ichibanya Co., Ltd.
 Ichikoh Industries, Ltd.
 IDOM Inc.
 ILG, Inc.
 Imperial Holdings Limited
 Inchcape plc
 Indus Motor Company Limit
 Industria de Diseño Texti
 Informa plc
 INOX Leisure Limited
 International Speedway Co
 InvoCare Limited
 Ipsos SA
 iRobot Corporation
 Isetan Mitsukoshi Holding
 Isuzu Motors Limited
 ITE Group plc
 ITV plc
 Izumi Co., Ltd.
 J D Wetherspoon plc
 J. Front Retailing Co., L
 Jagran Prakashan Limited
 Jardine Cycle & Carriage
 JB Hi-Fi Limited
 Jcontentree corp.
 JD Sports Fashion plc
 Jiangling Motors Corporat
 JINS Inc.
 JK Tyre & Industries Limi
 JM AB (publ)
 Johnson Controls - Hitach
 Johnson Health Tech. Co.,
 Jollibee Foods Corporatio
 Joshin Denki Co., Ltd.
 Jubilant FoodWorks Limite
 Jumbo S.A.
 K.P.R. Mill Limited
 K12 Inc.
 Kakao M Corp.
 Kangwon Land, Inc.
 KappAhl AB (publ)
 Kasai Kogyo Co., Ltd.
 Kaufman & Broad S.A.
 KB Home
 Keihin Corporation
 Keiyo Co., Ltd.
 Kenda Rubber Industrial C
 Kering SA
 Kia Motors Corporation

Kingfisher plc
 Kinpo Electronics, Inc.
 Kintetsu Department Store
 Kisoji Co., Ltd.
 KMC (Kuei Meng) Internati
 KNT-CT Holdings Co., Ltd.
 Kohl's Corporation
 Kohnan Shoji Co., Ltd.
 Koito Manufacturing Co.,
 Komeri Co.,Ltd.
 Kongsberg Automotive ASA
 Kordsa Teknik Tekstil A.S
 Koshidaka Holdings Co., L
 Kroton Educacional S.A.
 K's Holdings Corporation
 KT Skylife Co., Ltd.
 Kumho Tire Co., Inc.
 Kura Corporation
 Kyungbang Co.,Ltd
 La Opala RG Limited
 Lagardère SCA
 Laox CO., LTD.
 Las Vegas Sands Corp.
 La-Z-Boy Incorporated
 LCI Industries
 Lealea Enterprise Co., Lt
 Lennar Corporation
 LF Corp.
 Li & Fung Limited
 Li Cheng Enterprise Co.,
 Li Peng Enterprise Co., L
 Linamar Corporation
 Lithia Motors, Inc.
 LKQ Corporation
 Lojas Americanas S.A.
 Lojas Renner S.A.
 Lookers plc
 LOTTE Himart Co.,Ltd.
 Lowe's Companies, Inc.
 LPP SA Capital Group
 Lu Thai Textile Co., Ltd.
 Lungyen Life Service Corp
 Luxottica Group S.p.A.
 M.D.C. Holdings, Inc.
 M/I Homes, Inc.
 Macauto Industrial Co., L
 Macy's, Inc.
 Magazine Luiza S.A.
 Magna International Inc.
 Magnum Berhad
 Mahindra CIE Automotive L
 Mahindra Holidays & Resor
 Mahle Metal Leve S.A.
 Makalot Industrial Co., L
 Man Wah Holdings Limited
 MarineMax, Inc.
 Marisa Lojas S.A.
 Marriott Vacations Worldw
 Martinrea International I
 Maruti Suzuki India Limit
 Matsuya Co., Ltd.

Matsuya Foods Co., Ltd.
 Mattel, Inc.
 Mazda Motor Corporation
 Mediaset España Comunicac
 Meiko Network Japan Co.,
 Mekonomen AB (publ)
 Melco International Devel
 Meliá Hotels Internationa
 Meredith Corporation
 Merida Industry Co.,Ltd.
 Meritage Homes Corporatio
 Métropole Télévision S.A.
 MGM China Holdings Limite
 MGM Resorts International
 Michael Hill Internationa
 Michael Kors Holdings Lim
 Minda Industries Limited
 Minor International Publi
 Minth Group Limited
 Misawa Homes Co., Ltd.
 Mitchells & Butlers plc
 Mitsuba Corporation
 Mitsubishi Motors Corpora
 Mitsui Home Co., Ltd.
 Mizuno Corporation
 Modern Times Group Mtg AB
 MODETOUR NETWORK Inc.
 Mohawk Industries, Inc.
 Monarch Casino & Resort,
 Monro, Inc.
 MOS Food Services, Inc.
 Motherson Sumi Systems Li
 Movado Group, Inc.
 Multiplus S.A.
 Musashi Seimitsu Industry
 Myer Holdings Limited
 N Brown Group plc
 Nan Liu Enterprise Co., L
 NanKang Rubber Tire Corp.
 Nautilus, Inc.
 Navitas Limited
 Netflix, Inc.
 New Wave Group AB (publ)
 Nexen Corporation
 Nexen Tire Corporation
 Next Plc
 NGK Spark Plug Co., Ltd.
 NHK Spring Co., Ltd.
 Nifco Inc.
 Nishat Mills Limited
 Nishimatsuya Chain Co., L
 Nissan Motor Co., Ltd.
 Nissan Shatai Co., Ltd.
 Nissin Kogyo Co., Ltd.
 Nitori Holdings Co., Ltd.
 Nobia AB (publ)
 Nojima Corporation
 NOK Corporation
 Nokian Renkaat Oyj
 Nordstrom, Inc.
 Norwegian Cruise Line Hol

NOS, S.G.P.S., S.A.
 Nutrisystem, Inc.
 NVR, Inc.
 Ocado Group plc
 Office Depot, Inc.
 Ohsho Food Service Corp.
 Omnicom Group Inc.
 Onward Holdings Co., Ltd.
 O'Reilly Automotive, Inc.
 Oriental Land Co., Ltd.
 Oriental Weavers Company
 Oxford Industries, Inc.
 Pacific Industrial Co., L
 Paddy Power Betfair plc
 Padini Holdings Berhad
 Page Industries Limited
 Paiho Shih Holdings Corpo
 PAL GROUP Holdings CO., L
 Paltac Corporation
 Pandora A/S
 Paradise Co., Ltd.
 Parco Co. Ltd.
 Parkson Retail Group Limi
 PC Depot Corporation
 PC Jeweller Limited
 Pendragon PLC
 Penske Automotive Group,
 Pepper Food Service Co.,
 Persimmon plc
 PetMed Express, Inc.
 Photo-Me International pl
 PIA Corporation
 Piaggio & C. SpA
 Pier 1 Imports, Inc.
 PIOLAX, Inc.
 Playtech plc
 Plenus Company Limited
 Polaris Industries Inc.
 Polytec Holding AG
 Pool Corporation
 Pou Chen Corporation
 Pou Sheng International (
 POYA International Co., L
 Premier Investments Limit
 Press Kogyo Co., Ltd.
 Proto Corporation
 PT Ace Hardware Indonesia
 PT Astra International Tb
 PT Ramayana Lestari Sento
 PT Surya Citra Media Tbk
 PT Visi Media Asia Tbk
 PT. Global Mediacom Tbk
 PT. Media Nusantara Citra
 PT. Mitra Adiperkasa Tbk
 Public Joint Stock Compan
 Publicis Groupe S.A.
 PulteGroup, Inc.
 PVH Corp.
 PVR Limited
 Qingling Motors Co., Ltd.
 Quebecor Inc.

Radisson Hospitality AB (
 Rajesh Exports Limited
 Ralph Lauren Corporation
 Rassini, S.A.B. de C.V.
 Raymond Limited
 Red Robin Gourmet Burgers
 Redrow plc
 Renault SA
 Resorttrust, Inc.
 Riken Corporation
 Ringer Hut Co.,Ltd.
 Rinnai Corporation
 Robinson Public Company L
 Ross Stores, Inc.
 Royal Caribbean Cruises L
 Royal Holdings Co., Ltd.
 RTL Group SA
 Ruentex Industries Limite
 Ruth's Hospitality Group,
 Ryohin Keikaku Co., Ltd.
 Sac's Bar Holdings Inc.
 SAF-Holland S.A.
 Saint Marc Holdings Co.,
 Saizeriya Co., Ltd.
 Salvatore Ferragamo S.p.A
 Sands China Ltd.
 Sangetsu Corporation
 Sankyo Co., Ltd.
 Sanrio Company, Ltd.
 SBS Media Holdings Co., L
 Scholastic Corporation
 SEB SA
 Sebang Global Battery Co.
 Sega Sammy Holdings Inc.
 Seiko Holdings Corporatio
 Seiren Co.,Ltd.
 Sekisui House, Ltd.
 Senao International Co.,
 Septeni Holdings Co., Ltd
 Seria Co., Ltd.
 SES S.A.
 Shangri-La Asia Limited
 Shaw Communications Inc.
 Shenzhen International Gr
 Shimachu Co., Ltd.
 SHIMAMURA Co., Ltd.
 Shimano Inc.
 SHINSEGAE FOOD Inc.
 Shinsegae Inc.
 Shinsegae International C
 Shochiku Co., Ltd.
 Shoe Carnival, Inc.
 Shoppers Stop Limited
 SHOWA Corporation
 Showbox Corp.
 Shutterfly, Inc.
 Signet Jewelers Limited
 Sinclair Broadcast Group,
 Sioen Industries NV
 Skechers U.S.A., Inc.
 SkiStar AB (publ)

SKY Network Television Li
 Sky plc
 SKYCITY Entertainment Gro
 SL Corporation
 Sleep Number Corporation
 SM Entertainment Co., Ltd
 Sogefi S.p.A.
 Sotheby's
 Speedway Motorsports, Inc
 Sports Direct Internation
 SRF Limited
 Sri Trang Agro-Industry P
 Standard Motor Products,
 Stanley Electric Co., Ltd
 Starbucks Corporation
 Start Today Co., Ltd.
 Steven Madden, Ltd.
 Strayer Education, Inc.
 Ströer SE & Co. KGaA
 STUDIO ALICE Co.,Ltd.
 Sturm, Ruger & Company, I
 Subaru Corporation
 Sumitomo Riko Company Lim
 Sumitomo Rubber Industrie
 Sundram Fasteners Limited
 Super Retail Group Limite
 Superdry Plc
 Superior Industries Inter
 Suprajit Engineering Limi
 Suzuki Motor Corporation
 Symphony Limited
 Tabcorp Holdings Limited
 TACHI-S Co., Ltd.
 Taiho Kogyo Co., Ltd.
 Tainan Spinning Co., Ltd.
 Taiwan Paiho Limited
 Takashimaya Company, Limi
 TAKKT AG
 Tapestry, Inc.
 Target Corporation
 Tata Motors Limited
 Taylor Wimpey plc
 TCL Electronics Holdings
 Techtronic Industries Com
 Ted Baker Plc
 TEGNA Inc.
 Television Broadcasts Lim
 Télévision Française 1 SA
 Tempur Sealy Internationa
 Tenneco Inc.
 Test-Rite International C
 Texas Roadhouse, Inc.
 Texhong Textile Group Lim
 T-Gaia Corporation
 The Berkeley Group Holdin
 The Buckle, Inc.
 The Cato Corporation
 The Cheesecake Factory In
 The Children's Place, Inc
 The E.W. Scripps Company
 The Erawan Group Public C

The Finish Line, Inc.
 The Foschini Group Limite
 The Gap, Inc.
 The Goodyear Tire & Rubbe
 The Home Depot, Inc.
 The Interpublic Group of
 The Japan Wool Textile Co
 The Marcus Corporation
 The New York Times Compan
 The Restaurant Group plc
 The Star Entertainment Gr
 The Stars Group Inc.
 The Swatch Group AG
 The TJX Companies, Inc.
 The Walt Disney Company
 The Wendy's Company
 The Yokohama Rubber Co.,
 Thomas Cook (India) Limit
 Thor Industries, Inc.
 Tianneng Power Internatio
 Tiffany & Co.
 Titan Company Limited
 TOD'S S.p.A.
 Toei Animation Co., Ltd.
 Toei Company, Ltd.
 Tokai Rika Co., Ltd.
 Tokyo Broadcasting System
 Tokyo Dome Corporation
 Tokyookeiba Co., Ltd.
 Toll Brothers, Inc.
 Tong Yang Industry Co.,Lt
 TORIDOLL Holdings Corpora
 Tosho Co., Ltd.
 Toung Loong Textile MFG.
 Toyo Tire & Rubber Co., L
 Toyoda Gosei Co., Ltd.
 Toyota Boshoku Corporatio
 Toyota Motor Corporation
 TPR Co., Ltd.
 Tractor Supply Company
 Trade Me Group Limited
 Trigano S.A.
 TripAdvisor, Inc.
 Truworths International L
 TS TECH Co., Ltd.
 TSI Holdings Co.,Ltd.
 Tsogo Sun Holdings Limite
 Tsutsumi Jewelry Co., Ltd
 TTK Prestige Limited
 TUI AG
 Tung Thih Electronic Co.,
 Tupy S.A.
 TV Asahi Holdings Corpora
 TV18 Broadcast Limited
 Twenty-First Century Fox,
 TYC Brother Industrial Co
 UBM plc
 Ulta Beauty, Inc.
 UMW Holdings Berhad
 Under Armour, Inc.
 Unifi, Inc.

Unipres Corporation
 Uni-Select Inc.
 United Arrows Ltd.
 Universal Electronics Inc
 Universal Entertainment C
 Urban Outfitters, Inc.
 USS Co., Ltd.
 V.F. Corporation
 Vail Resorts, Inc.
 Valeo SA
 Valora Holding AG
 Van de Velde NV
 Vardhman Textiles Limited
 Vector Inc.
 Vera Bradley, Inc.
 Vestel Elektronik Sanayi
 VGI Global Media Public C
 Viacom, Inc.
 Victoria plc
 Village Roadshow Limited
 VIP Industries Limited
 Vivendi SA
 VT Holdings Co., Ltd.
 WABCO India Limited
 Wacoal Holdings Corp.
 Warner Media, LLC
 Webjet Limited
 Welspun India Limited
 WH Smith PLC
 Whirlpool Corporation
 Whirlpool of India Limite
 Whitbread PLC
 William Hill plc
 William Lyon Homes
 Williams-Sonoma, Inc.
 Winnebago Industries, Inc
 Wolverine World Wide, Inc
 Workpoint Entertainment P
 World Wrestling Entertain
 WOWOW INC.
 Wowprime Corp.
 WPP AUNZ Limited
 WPP plc
 Wuxi Little Swan Company
 Wynn Macau, Limited
 Xebio Holdings Co., Ltd.
 Xingda International Hold
 Xinhua Winshare Publishin
 Xinyi Glass Holdings Limi
 Xtep International Holdin
 Yamada Denki Co., Ltd.
 Yamaha Corporation
 Yamaha Motor Co., Ltd.
 Yellow Hat Ltd.
 YG Entertainment Inc.
 Yomiuri Land Co., Ltd.
 Yondoshi Holdings Inc.
 YONEX Co., Ltd.
 YOOX Net-A-Porter Group S
 Yorozu Corporation
 Yoshinoya Holdings Co., L

Youngone Corporation
 Youngone Holdings Co., Lt
 Yue Yuen Industrial (Hold
 Yulon Motor Company Ltd.
 Yume no Machi Souzou link
 Zee Entertainment Enterpr
 Zeng Hsing Industrial Co.
 Zenrin Co., Ltd.
 Zensho Holdings Co., Ltd.
 Zhongsheng Group Holdings
 Zojirushi Corporation
 zooplus AG
 Zumiez Inc.

Gentex Corporation
 Gentherm Incorporated
 Goodyear Lastikleri T.A.S
 Grammer AG
 Great Wall Motor Company
 G-Tekt Corporation
 Guangzhou Automobile Grou
 Halla Holdings Corp.
 Hanon Systems
 Harley-Davidson, Inc.
 Hero MotoCorp Limited
 Hiroca Holdings Ltd.
 Honda Atlas Cars (Pakista
 Honda Motor Co., Ltd.
 Hota Industrial Mfg. Co.,
 Hu Lane Associate Inc.
 Hyundai Mobis Co.,Ltd
 Hyundai Motor Company
 HYUNDAI WIA Corporation
 Ichikoh Industries, Ltd.
 Indus Motor Company Limit
 Isuzu Motors Limited
 Jiangling Motors Corporat
 JK Tyre & Industries Limi
 Kasai Kogyo Co., Ltd.
 Keihin Corporation
 Kenda Rubber Industrial C
 Kia Motors Corporation
 Koito Manufacturing Co.,
 Kongsberg Automotive ASA
 Kordsa Teknik Tekstil A.S
 Kumho Tire Co., Inc.
 LCI Industries
 Linamar Corporation
 Macauto Industrial Co., L
 Magna International Inc.
 Mahindra CIE Automotive L
 Mahle Metal Leve S.A.
 Martinrea International I
 Maruti Suzuki India Limit
 Mazda Motor Corporation
 Minda Industries Limited
 Minth Group Limited
 Mitsuba Corporation
 Mitsubishi Motors Corpora
 Motherson Sumi Systems Li
 Musashi Seimitsu Industry
 NanKang Rubber Tire Corp.
 Nexen Corporation
 Nexen Tire Corporation
 NGK Spark Plug Co., Ltd.
 NHK Spring Co., Ltd.
 Nifco Inc.
 Nissan Motor Co., Ltd.
 Nissan Shatai Co., Ltd.
 Nissin Kogyo Co., Ltd.
 NOK Corporation
 Nokian Renkaat Oyj
 Pacific Industrial Co., L
 Piaggio & C. SpA
 PIOLAX, Inc.

Polytec Holding AG
 Press Kogyo Co., Ltd.
 PT Astra International Tb
 Qingling Motors Co., Ltd.
 Rassini, S.A.B. de C.V.
 Renault SA
 Riken Corporation
 SAF-Holland S.A.
 Sebang Global Battery Co.
 SHOWA Corporation
 SL Corporation
 Sogefi S.p.A.
 Sri Trang Agro-Industry P
 Standard Motor Products,
 Stanley Electric Co., Ltd
 Subaru Corporation
 Sumitomo Riko Company Lim
 Sumitomo Rubber Industrie
 Sundram Fasteners Limited
 Superior Industries Inter
 Suprajit Engineering Limi
 Suzuki Motor Corporation
 TACHI-S Co., Ltd.
 Taiho Kogyo Co., Ltd.
 Tata Motors Limited
 Tenneco Inc.
 The Goodyear Tire & Rubbe
 The Yokohama Rubber Co.,
 Thor Industries, Inc.
 Tianneng Power Internatio
 Tokai Rika Co., Ltd.
 Tong Yang Industry Co.,Lt
 Toyo Tire & Rubber Co., L
 Toyoda Gosei Co., Ltd.
 Toyota Boshoku Corporatio
 Toyota Motor Corporation
 TPR Co., Ltd.
 TS TECH Co., Ltd.
 Tung Thih Electronic Co.,
 Tupy S.A.
 TYC Brother Industrial Co
 UMW Holdings Berhad
 Unipres Corporation
 Valeo SA
 WABCO India Limited
 Winnebago Industries, Inc
 Xingda International Hold
 Yorozu Corporation
 Yulon Motor Company Ltd.

GICS 2510

Actron Technology Corpora
 Aisan Industry Co., Ltd.
 Aisin Seiki Co., Ltd.
 AKWEL
 American Axle & Manufactu
 Apollo Tyres Limited
 Aptiv PLC
 ARB Corporation Limited
 Autoliv, Inc.
 Autoneum Holding AG
 Bajaj Auto Limited
 Balkrishna Industries Lim
 Bayerische Motoren Werke
 Bharat Forge Limited
 BorgWarner Inc.
 Bosch Limited
 Brembo S.p.A.
 Bridgestone Corporation
 CEAT Limited
 Chaowei Power Holdings Li
 Cheng Shin Rubber Ind. Co
 China Motor Corporation
 CIE Automotive, S.A.
 Compagnie Générale des Ét
 Compagnie Plastic Omnium
 Continental Aktiengesells
 Cooper Tire & Rubber Comp
 Cooper-Standard Holdings
 Cub Elecparts Inc.
 Daimler AG
 Dana Incorporated
 DENSO Corporation
 Depo Auto Parts Industria
 Dongfeng Motor Group Comp
 Dorman Products, Inc.
 DRB-HICOM Berhad
 DTR Automotive Corporatio
 ElringKlinger AG
 EXEDY Corporation
 F.C.C. Co., Ltd.
 Faurecia S.A.
 Fiat Chrysler Automobiles
 Ford Motor Company
 Futaba Industrial Co., Lt
 Geely Automobile Holdings
 General Motors Company

GICS 251010

Actron Technology Corpora
 Aisan Industry Co., Ltd.
 Aisin Seiki Co., Ltd.
 AKWEL
 American Axle & Manufactu
 Apollo Tyres Limited
 Aptiv PLC
 ARB Corporation Limited
 Autoliv, Inc.
 Autoneum Holding AG

Balkrishna Industries Lim
 Bharat Forge Limited
 BorgWarner Inc.
 Bosch Limited
 Brembo S.p.A.
 Bridgestone Corporation
 CEAT Limited
 Chaowei Power Holdings Li
 Cheng Shin Rubber Ind. Co
 CIE Automotive, S.A.
 Compagnie Générale des Ét
 Compagnie Plastic Omnium
 Continental Aktiengesells
 Cooper Tire & Rubber Comp
 Cooper-Standard Holdings
 Cub Elecparts Inc.
 Dana Incorporated
 DENSO Corporation
 Depo Auto Parts Industria
 Dorman Products, Inc.
 DTR Automotive Corporatio
 ElringKlinger AG
 EXEDY Corporation
 F.C.C. Co., Ltd.
 Faurecia S.A.
 Futaba Industrial Co., Lt
 Gentex Corporation
 Gentherm Incorporated
 Goodyear Lastikleri T.A.S
 Grammer AG
 G-Tekt Corporation
 Halla Holdings Corp.
 Hanon Systems
 Hiroca Holdings Ltd.
 Hota Industrial Mfg. Co.,
 Hu Lane Associate Inc.
 Hyundai Mobis Co.,Ltd
 HYUNDAI WIA Corporation
 Ichikoh Industries, Ltd.
 JK Tyre & Industries Limi
 Kasai Kogyo Co., Ltd.
 Keihin Corporation
 Kenda Rubber Industrial C
 Koito Manufacturing Co.,
 Kongsberg Automotive ASA
 Kordsa Teknik Tekstil A.S
 Kumho Tire Co., Inc.
 LCI Industries
 Linamar Corporation
 Macauto Industrial Co., L
 Magna International Inc.
 Mahindra CIE Automotive L
 Mahle Metal Leve S.A.
 Martinrea International I
 Minda Industries Limited
 Minth Group Limited
 Mitsuba Corporation
 Motherson Sumi Systems Li
 Musashi Seimitsu Industry
 NanKang Rubber Tire Corp.
 Nexen Corporation

Nexen Tire Corporation
 NGK Spark Plug Co., Ltd.
 NHK Spring Co., Ltd.
 Nifco Inc.
 Nissin Kogyo Co., Ltd.
 NOK Corporation
 Nokian Renkaat Oyj
 Pacific Industrial Co., L
 PIOLAX, Inc.
 Polytec Holding AG
 Press Kogyo Co., Ltd.
 Rassini, S.A.B. de C.V.
 Riken Corporation
 SAF-Holland S.A.
 Sebang Global Battery Co.
 SHOWA Corporation
 SL Corporation
 Sogefi S.p.A.
 Sri Trang Agro-Industry P
 Standard Motor Products,
 Stanley Electric Co., Ltd
 Sumitomo Riko Company Lim
 Sumitomo Rubber Industrie
 Sundram Fasteners Limited
 Superior Industries Inter
 Suprajit Engineering Limi
 TACHI-S Co., Ltd.
 Taiho Kogyo Co., Ltd.
 Tenneco Inc.
 The Goodyear Tire & Rubbe
 The Yokohama Rubber Co.,
 Tianneng Power Internatio
 Tokai Rika Co., Ltd.
 Tong Yang Industry Co.,Lt
 Toyo Tire & Rubber Co., L
 Toyoda Gosei Co., Ltd.
 Toyota Boshoku Corporatio
 TPR Co., Ltd.
 TS TECH Co., Ltd.
 Tung Thih Electronic Co.,
 Tupy S.A.
 TYC Brother Industrial Co
 Unipres Corporation
 Valeo SA
 WABCO India Limited
 Xingda International Hold
 Yorozu Corporation

GICS 251020

Bajaj Auto Limited
 Bayerische Motoren Werke
 China Motor Corporation
 Daimler AG
 Dongfeng Motor Group Comp
 DRB-HICOM Berhad
 Fiat Chrysler Automobiles
 Ford Motor Company
 Geely Automobile Holdings
 General Motors Company
 Great Wall Motor Company
 Guangzhou Automobile Grou

Harley-Davidson, Inc.
 Hero MotoCorp Limited
 Honda Atlas Cars (Pakista
 Honda Motor Co., Ltd.
 Hyundai Motor Company
 Indus Motor Company Limit
 Isuzu Motors Limited
 Jiangling Motors Corporat
 Kia Motors Corporation
 Maruti Suzuki India Limit
 Mazda Motor Corporation
 Mitsubishi Motors Corpora
 Nissan Motor Co., Ltd.
 Nissan Shatai Co., Ltd.
 Piaggio & C. SpA
 PT Astra International Tb
 Qingling Motors Co., Ltd.
 Renault SA
 Subaru Corporation
 Suzuki Motor Corporation
 Tata Motors Limited
 Thor Industries, Inc.
 Toyota Motor Corporation
 UMW Holdings Berhad
 Yulon Motor Company Ltd.

GICS 2520

361 Degrees International
 AB Electrolux (publ)
 Accell Group N.V.
 Adidas AG
 Aksa Akrilik Kimya Sanayi
 Alpargatas S.A.
 Alpine Electronics, Inc.
 Amer Sports Corporation
 American Outdoor Brands C
 ANTA Sports Products Limi
 Arçelik Anonim Sirketi
 Arezzo Indústria e Comércio
 Arvind Limited
 ASICS Corporation
 BANDAI NAMCO Holdings Inc
 Barratt Developments plc
 Basso Industry Corp.
 Bata India Limited
 Beazer Homes USA, Inc.
 Bellway p.l.c.
 Bénéteau S.A.
 Bovis Homes Group PLC
 Breville Group Limited
 Brunello Cucinelli S.p.A.
 Burberry Group plc
 C.BANNER INTERNATIONAL Ho
 Callaway Golf Company
 Casio Computer Co., Ltd.
 Cavco Industries, Inc.
 CCC S.A.
 China Dongxiang (Group) C
 China Lilang Limited
 Chofu Seisakusho Co., Ltd
 Citychamp Watch & Jewelle

Clarion Co., Ltd.
 Cleanup Corporation
 Columbia Sportswear Compa
 Compagnie Financière Rich
 Consorcio ARA, S. A. B. d
 Corona Corporation
 Coway Co., Ltd.
 Crest Nicholson Holdings
 D.R. Horton, Inc.
 Deckers Outdoor Corporati
 De'Longhi S.p.A.
 Delta Galil Industries Lt
 Descente Ltd.
 Dorel Industries Inc.
 Eclat Textile Corporation
 F&F Co., Ltd.
 Feng Tay Enterprises Co.,
 Fila Korea Ltd.
 Forus S.A.
 Fossil Group, Inc.
 Foster Electric Company,
 France Bed Holdings Co. L
 Fujitsu General Limited
 Garmin Ltd.
 Geox S.p.A.
 G-III Apparel Group, Ltd.
 Gildan Activewear Inc.
 Goldwin Inc.
 Goodbaby International Ho
 Guararapes Confecções S.A
 HANDSOME Corp.
 Hanesbrands Inc.
 Hansae Co., Ltd.
 Hanssem Co., Ltd.
 Hasbro, Inc.
 Heiwa Corporation
 Hermès International Soci
 Himatsingka Seide Limited
 Hisense Kelon Electrical
 Hosa International Limite
 Hugo Boss AG
 Husqvarna AB (publ)
 Hwaseung Industries Co.,
 Hyundai Livart Furniture
 IC Group A/S
 iRobot Corporation
 JM AB (publ)
 Johnson Controls - Hitach
 Johnson Health Tech. Co.,
 K.P.R. Mill Limited
 Kaufman & Broad S.A.
 KB Home
 Kinpo Electronics, Inc.
 KMC (Kuei Meng) Internati
 Kyungbang Co.,Ltd
 La Opala RG Limited
 Lealea Enterprise Co., Lt
 Lennar Corporation
 LF Corp.
 Li & Fung Limited
 Li Cheng Enterprise Co.,

Li Peng Enterprise Co., L
 LPP SA Capital Group
 Lu Thai Textile Co., Ltd.
 Luxottica Group S.p.A.
 M.D.C. Holdings, Inc.
 M/I Homes, Inc.
 Makalot Industrial Co., L
 Mattel, Inc.
 Merida Industry Co.,Ltd.
 Meritage Homes Corporatio
 Michael Kors Holdings Lim
 Misawa Homes Co., Ltd.
 Mitsui Home Co., Ltd.
 Mizuno Corporation
 Mohawk Industries, Inc.
 Movado Group, Inc.
 Nan Liu Enterprise Co., L
 Nishat Mills Limited
 Nobia AB (publ)
 NVR, Inc.
 Onward Holdings Co., Ltd.
 Oriental Weavers Company
 Oxford Industries, Inc.
 Page Industries Limited
 Paiho Shih Holdings Corpo
 Pandora A/S
 Persimmon plc
 Photo-Me International pl
 PulteGroup, Inc.
 Rajesh Exports Limited
 Ralph Lauren Corporation
 Raymond Limited
 Redrow plc
 Rinnai Corporation
 Ruentex Industries Limite
 Salvatore Ferragamo S.p.A
 Sangetsu Corporation
 Sankyo Co., Ltd.
 SEB SA
 Sega Sammy Holdings Inc.
 Seiko Holdings Corporatio
 Sekisui House, Ltd.
 Shenzhou International Gr
 Shimano Inc.
 Sioen Industries NV
 Skechers U.S.A., Inc.
 SRF Limited
 Steven Madden, Ltd.
 Sturm, Ruger & Company, I
 Symphony Limited
 Tainan Spinning Co., Ltd.
 Taiwan Paiho Limited
 Tapestry, Inc.
 Taylor Wimpey plc
 TCL Electronics Holdings
 Techtronic Industries Com
 Ted Baker Plc
 Tempur Sealy Internationa
 Texhong Textile Group Lim
 The Berkeley Group Holdin
 The Japan Wool Textile Co

The Swatch Group AG
 Titan Company Limited
 TOD'S S.p.A.
 Toll Brothers, Inc.
 Toung Loong Textile MFG.
 Trigano S.A.
 TSI Holdings Co.,Ltd.
 Tsutsumi Jewelry Co., Ltd
 TTK Prestige Limited
 Under Armour, Inc.
 Universal Electronics Inc
 Universal Entertainment C
 Van de Velde NV
 Vardhman Textiles Limited
 Vera Bradley, Inc.
 Vestel Elektronik Sanayi
 Victoria plc
 VIP Industries Limited
 Wacoal Holdings Corp.
 Welspun India Limited
 Whirlpool Corporation
 Whirlpool of India Limite
 William Lyon Homes
 Wolverine World Wide, Inc
 Wuxi Little Swan Company
 Xtep International Holdin
 Yamaha Corporation
 Yondoshi Holdings Inc.
 YONEX Co., Ltd.
 Youngone Corporation
 Youngone Holdings Co., Lt
 Yue Yuen Industrial (Hold
 Zeng Hsing Industrial Co.
 Zojirushi Corporation

GICS 252010

AB Electrolux (publ)
 Alpine Electronics, Inc.
 Arçelik Anonim Sirketi
 Barratt Developments plc
 Basso Industry Corp.
 Beazer Homes USA, Inc.
 Bellway p.l.c.
 Bovis Homes Group PLC
 Breville Group Limited
 Casio Computer Co., Ltd.
 Cavco Industries, Inc.
 Chofu Seisakusho Co., Ltd
 Clarion Co., Ltd.
 Cleanup Corporation
 Consorcio ARA, S. A. B. d
 Corona Corporation
 Coway Co., Ltd.
 Crest Nicholson Holdings
 D.R. Horton, Inc.
 De'Longhi S.p.A.
 Foster Electric Company,
 France Bed Holdings Co. L
 Fujitsu General Limited
 Hanssem Co., Ltd.
 Hisense Kelon Electrical

Husqvarna AB (publ)
 Hyundai Livart Furniture
 iRobot Corporation
 JM AB (publ)
 Johnson Controls - Hitach
 Kaufman & Broad S.A.
 KB Home
 Kinpo Electronics, Inc.
 La Opala RG Limited
 Lennar Corporation
 M.D.C. Holdings, Inc.
 M/I Homes, Inc.
 Meritage Homes Corporatio
 Misawa Homes Co., Ltd.
 Mitsui Home Co., Ltd.
 Mohawk Industries, Inc.
 Nobia AB (publ)
 NVR, Inc.
 Oriental Weavers Company
 Persimmon plc
 PulteGroup, Inc.
 Redrow plc
 Rinnai Corporation
 Sangetsu Corporation
 SEB SA
 Sekisui House, Ltd.
 Symphony Limited
 Taylor Wimpey plc
 TCL Electronics Holdings
 Techtronic Industries Com
 Tempur Sealy Internationa
 The Berkeley Group Holdin
 Toll Brothers, Inc.
 TTK Prestige Limited
 Universal Electronics Inc
 Vestel Elektronik Sanayi
 Victoria plc
 Whirlpool Corporation
 Whirlpool of India Limite
 William Lyon Homes
 Wuxi Little Swan Company
 Zeng Hsing Industrial Co.
 Zojirushi Corporation

GICS 252020

Accell Group N.V.
 American Outdoor Brands C
 BANDAI NAMCO Holdings Inc
 Bénéteau S.A.
 Callaway Golf Company
 Goodbaby International Ho
 Hasbro, Inc.
 Heiwa Corporation
 Johnson Health Tech. Co.,
 KMC (Kuei Meng) Internati
 Mattel, Inc.
 Merida Industry Co.,Ltd.
 Mizuno Corporation
 Photo-Me International pl
 Sankyo Co., Ltd.
 Sega Sammy Holdings Inc.

Shimano Inc.
 Sturm, Ruger & Company, I
 Trigano S.A.
 Universal Entertainment C
 YONEX Co., Ltd.

GICS 252030

361 Degrees International
 Adidas AG
 Aksa Akrilik Kimya Sanayi
 Alpargatas S.A.
 ANTA Sports Products Limi
 Arezzo Indústria e Comércio
 Arvind Limited
 ASICS Corporation
 Bata India Limited
 Brunello Cucinelli S.p.A.
 Burberry Group plc
 C.BANNER INTERNATIONAL Ho
 China Dongxiang (Group) C
 China Lilang Limited
 Citychamp Watch & Jewelle
 Columbia Sportswear Compa
 Compagnie Financière Rich
 Deckers Outdoor Corporati
 Delta Galil Industries Lt
 Descente Ltd.
 Eclat Textile Corporation
 F&F Co., Ltd.
 Feng Tay Enterprises Co.,
 Fila Korea Ltd.
 Forus S.A.
 Fossil Group, Inc.
 Geox S.p.A.
 G-III Apparel Group, Ltd.
 Gildan Activewear Inc.
 Goldwin Inc.
 Guararapes Confecções S.A
 HANDSOME Corp.
 Hanesbrands Inc.
 Hansae Co., Ltd.
 Hermès International Soci
 Himatsingka Seide Limited
 Hosa International Limite
 Hugo Boss AG
 Hwaseung Industries Co.,
 IC Group A/S
 K.P.R. Mill Limited
 Kyungbang Co.,Ltd
 Lealea Enterprise Co., Lt
 LF Corp.
 Li & Fung Limited
 Li Cheng Enterprise Co.,
 Li Peng Enterprise Co., L
 LPP SA Capital Group
 Lu Thai Textile Co., Ltd.
 Luxottica Group S.p.A.
 Makalot Industrial Co., L
 Movado Group, Inc.
 Nan Liu Enterprise Co., L
 Nishat Mills Limited

Onward Holdings Co., Ltd.
 Oxford Industries, Inc.
 Page Industries Limited
 Paiho Shih Holdings Corpo
 Pandora A/S
 Rajesh Exports Limited
 Ralph Lauren Corporation
 Raymond Limited
 Ruentex Industries Limite
 Salvatore Ferragamo S.p.A
 Seiko Holdings Corporatio
 Shenzhou International Gr
 Sioen Industries NV
 SRF Limited
 Steven Madden, Ltd.
 Tainan Spinning Co., Ltd.
 Taiwan Paiho Limited
 Tapestry, Inc.
 Texhong Textile Group Lim
 The Japan Wool Textile Co
 The Swatch Group AG
 Titan Company Limited
 TOD'S S.p.A.
 Toung Loong Textile MFG.
 TSI Holdings Co.,Ltd.
 Tsutsumi Jewelry Co., Ltd
 Under Armour, Inc.
 Van de Velde NV
 Vardhman Textiles Limited
 Vera Bradley, Inc.
 VIP Industries Limited
 Wacoal Holdings Corp.
 Welspun India Limited
 Wolverine World Wide, Inc
 Xtep International Holdin
 Yondoshi Holdings Inc.
 Youngone Corporation
 Youngone Holdings Co., Lt
 Yue Yuen Industrial (Hold

GICS 2530

888 Holdings plc
 Accor SA
 Adtalem Global Education
 ADvTECH Limited
 Aeon Fantasy Co., Ltd.
 Ainsworth Game Technology
 Alsea, S.A.B. De C.V.
 American Public Education
 Arcland Service Holdings
 Aristocrat Leisure Limite
 ATOM Corporation
 Autogrill S.p.A.
 Bet-At-Home.com AG
 Betsson AB
 Biglari Holdings Inc.
 BJ's Restaurants, Inc.
 Bloomberry Resorts Corpor
 Bronco Billy Co., Ltd.
 Capella Education Company
 Carnival Corporation

Carriage Services, Inc.
 Cherry AB (publ)
 China Travel Internationa
 Chipotle Mexican Grill, I
 Chuy's Holdings, Inc.
 City Lodge Hotels Limited
 Collins Foods Limited
 Colowide Co.,Ltd.
 Compagnie des Alpes SA
 Compass Group PLC
 Corporate Travel Managemen
 Cox & Kings Limited
 Cracker Barrel Old Countr
 create restaurants holdin
 Curro Holdings Limited
 Daekyo Co., Ltd.
 Darden Restaurants, Inc.
 Delta Corp Limited
 DO & CO Aktiengesellschaf
 Domino's Pizza Enterprise
 Domino's Pizza Group plc
 Donaco International Limi
 DOUTOR NICHIRE Holdings
 Dunkin' Brands Group, Inc
 EIH Limited
 Emerson Pacific Inc.
 EnerCare Inc.
 Estácio Participações S.A
 Famous Brands Limited
 Fiesta Restaurant Group,
 Flight Centre Travel Grou
 Formosa International Hot
 Fuji Kyuko Co., Ltd.
 Fujita Kanko Inc.
 G8 Education Limited
 Galaxy Entertainment Grou
 Genting Berhad
 Genting Malaysia Berhad
 Genting Singapore Limited
 Golden Entertainment, Inc
 Gourmet Master Co. Ltd.
 Grand Korea Leisure Co.,
 Great Canadian Gaming Cor
 Greek Organization of Foo
 Greene King plc
 Greggs plc
 H.I.S. Co., Ltd.
 Hanatour Service Inc.
 Hiday Hidaka Corp.
 Hiramatsu Inc.
 Ichibanya Co., Ltd.
 ILG, Inc.
 International Speedway Co
 InvoCare Limited
 J D Wetherspoon plc
 Jollibee Foods Corporatio
 Jubilant FoodWorks Limite
 K12 Inc.
 Kangwon Land, Inc.
 Kisoji Co., Ltd.
 KNT-CT Holdings Co., Ltd.

Koshidaka Holdings Co., L
 Kroton Educacional S.A.
 Kura Corporation
 Las Vegas Sands Corp.
 Lungyen Life Service Corp
 Magnum Berhad
 Mahindra Holidays & Resor
 Marriott Vacations Worldw
 Matsuya Foods Co., Ltd.
 Meiko Network Japan Co.,
 Melco International Devel
 Meliá Hotels Internationa
 MGM China Holdings Limite
 MGM Resorts International
 Minor International Publi
 Mitchells & Butlers plc
 MODETOUR NETWORK Inc.
 Monarch Casino & Resort,
 MOS Food Services, Inc.
 Navitas Limited
 Norwegian Cruise Line Hol
 Ohsho Food Service Corp.
 Oriental Land Co., Ltd.
 Paddy Power Betfair plc
 Paradise Co., Ltd.
 Pepper Food Service Co.,
 PIA Corporation
 Playtech plc
 Plenus Company Limited
 Radisson Hospitality AB (
 Red Robin Gourmet Burgers
 Resorttrust, Inc.
 Ringer Hut Co.,Ltd.
 Royal Caribbean Cruises L
 Royal Holdings Co., Ltd.
 Ruth's Hospitality Group,
 Saint Marc Holdings Co.,
 Saizeriya Co., Ltd.
 Sands China Ltd.
 Shangri-La Asia Limited
 SHINSEGAE FOOD Inc.
 SkiStar AB (publ)
 SKYCITY Entertainment Gro
 Sotheby's
 Speedway Motorsports, Inc
 Starbucks Corporation
 Strayer Education, Inc.
 STUDIO ALICE Co.,Ltd.
 Tabcorp Holdings Limited
 Texas Roadhouse, Inc.
 The Cheesecake Factory In
 The Erawan Group Public C
 The Restaurant Group plc
 The Star Entertainment Gr
 The Stars Group Inc.
 The Wendy's Company
 Thomas Cook (India) Limit
 Tokyo Dome Corporation
 Tokyotokeiba Co., Ltd.
 TORIDOLL Holdings Corpora
 Tosho Co., Ltd.

Tsogo Sun Holdings Limite
 TUI AG
 Vail Resorts, Inc.
 Whitbread PLC
 William Hill plc
 Wowprime Corp.
 Wynn Macau, Limited
 Yomiuri Land Co., Ltd.
 Yoshinoya Holdings Co., L
 Zensho Holdings Co., Ltd.

GICS 253010

888 Holdings plc
 Accor SA
 Aeon Fantasy Co., Ltd.
 Ainsworth Game Technology
 Alsea, S.A.B. De C.V.
 Arcland Service Holdings
 Aristocrat Leisure Limite
 ATOM Corporation
 Autogrill S.p.A.
 Bet-At-Home.com AG
 Betsson AB
 Biglari Holdings Inc.
 BJ's Restaurants, Inc.
 Bloomberry Resorts Corpor
 Bronco Billy Co., Ltd.
 Carnival Corporation
 Cherry AB (publ)
 China Travel Internationa
 Chipotle Mexican Grill, I
 Chuy's Holdings, Inc.
 City Lodge Hotels Limited
 Collins Foods Limited
 Colowide Co.,Ltd.
 Compagnie des Alpes SA
 Compass Group PLC
 Corporate Travel Managemen
 Cox & Kings Limited
 Cracker Barrel Old Countr
 create restaurants holdin
 Darden Restaurants, Inc.
 Delta Corp Limited
 DO & CO Aktiengesellschaf
 Domino's Pizza Enterprise
 Domino's Pizza Group plc
 Donaco International Limi
 DOUTOR NICHIRE Holdings
 Dunkin' Brands Group, Inc
 EIH Limited
 Emerson Pacific Inc.
 Famous Brands Limited
 Fiesta Restaurant Group,
 Flight Centre Travel Grou
 Formosa International Hot
 Fuji Kyuko Co., Ltd.
 Fujita Kanko Inc.
 Galaxy Entertainment Grou
 Genting Berhad
 Genting Malaysia Berhad
 Genting Singapore Limited

Golden Entertainment, Inc
 Gourmet Master Co. Ltd.
 Grand Korea Leisure Co.,
 Great Canadian Gaming Cor
 Greek Organization of Foo
 Greene King plc
 Greggs plc
 H.I.S. Co., Ltd.
 Hanatour Service Inc.
 Hiday Hidaka Corp.
 Hiramatsu Inc.
 Ichibanya Co., Ltd.
 ILG, Inc.
 International Speedway Co
 J D Wetherspoon plc
 Jollibee Foods Corporatio
 Jubilant FoodWorks Limite
 Kangwon Land, Inc.
 Kisoji Co., Ltd.
 KNT-CT Holdings Co., Ltd.
 Koshidaka Holdings Co., L
 Kura Corporation
 Las Vegas Sands Corp.
 Magnum Berhad
 Mahindra Holidays & Resor
 Marriott Vacations Worldw
 Matsuya Foods Co., Ltd.
 Melco International Devel
 Meliá Hotels Internationa
 MGM China Holdings Limite
 MGM Resorts International
 Minor International Publi
 Mitchells & Butlers plc
 MODETOUR NETWORK Inc.
 Monarch Casino & Resort,
 MOS Food Services, Inc.
 Norwegian Cruise Line Hol
 Ohsho Food Service Corp.
 Oriental Land Co., Ltd.
 Paddy Power Betfair plc
 Paradise Co., Ltd.
 Pepper Food Service Co.,
 Playtech plc
 Plenus Company Limited
 Radisson Hospitality AB (
 Red Robin Gourmet Burgers
 Resorttrust, Inc.
 Ringer Hut Co.,Ltd.
 Royal Caribbean Cruises L
 Royal Holdings Co., Ltd.
 Ruth's Hospitality Group,
 Saint Marc Holdings Co.,
 Saizeriya Co., Ltd.
 Sands China Ltd.
 Shangri-La Asia Limited
 SHINSEGAE FOOD Inc.
 SkiStar AB (publ)
 SKYCITY Entertainment Gro
 Speedway Motorsports, Inc
 Starbucks Corporation
 Tabcorp Holdings Limited

Texas Roadhouse, Inc.
 The Cheesecake Factory In
 The Erawan Group Public C
 The Restaurant Group plc
 The Star Entertainment Gr
 The Stars Group Inc.
 The Wendy's Company
 Thomas Cook (India) Limit
 Tokyo Dome Corporation
 Tokyotokeiba Co., Ltd.
 TORIDOLL Holdings Corpora
 Tosho Co., Ltd.
 Tsogo Sun Holdings Limite
 TUI AG
 Vail Resorts, Inc.
 Whitbread PLC
 William Hill plc
 Wowprime Corp.
 Wynn Macau, Limited
 Yomiuri Land Co., Ltd.
 Yoshinoya Holdings Co., L
 Zensho Holdings Co., Ltd.

GICS 253020

Adtalem Global Education
 ADvTECH Limited
 American Public Education
 Capella Education Company
 Carriage Services, Inc.
 Curro Holdings Limited
 Daekyo Co., Ltd.
 EnerCare Inc.
 Estácio Participações S.A
 G8 Education Limited
 InvoCare Limited
 K12 Inc.
 Kroton Educacional S.A.
 Lungyen Life Service Corp
 Meiko Network Japan Co.,
 Navitas Limited
 PIA Corporation
 Sotheby's
 Strayer Education, Inc.
 STUDIO ALICE Co.,Ltd.

GICS 2540

AMUSE Inc.
 APG|SGA SA
 Astro Malaysia Holdings B
 Atresmedia Corporación de
 Avex Inc.
 Axel Springer SE
 BEC World Public Company
 Borussia Dortmund GmbH &
 Cairo Communication S.p.A
 CBS Corporation
 Charter Communications, I
 Cheil Worldwide Inc.
 Cinemark Holdings, Inc.
 Cineplex Inc.
 Cineworld Group plc

CJ CGV Co., Ltd.
 CJ E&M Corporation
 CJ Hello Co., Ltd.
 Cogeco Communications Inc
 Cogeco Inc.
 Corus Entertainment Inc.
 Cyfrowy Polsat S.A.
 Dentsu Inc.
 Discovery, Inc.
 DISH Network Corporation
 Entercom Communications C
 Entertainment One Ltd.
 Entravision Communication
 Eutelsat Communications S
 Gray Television, Inc.
 Grupo Televisa, S.A.B.
 Hakuodo DY Holdings Inc
 Hyundai HCN Co., Ltd.
 Informa plc
 INOX Leisure Limited
 Ipsos SA
 ITE Group plc
 ITV plc
 Jagran Prakashan Limited
 Jcontentree corp.
 Kakao M Corp.
 KT Skylife Co., Ltd.
 Mediaset España Comunicac
 Meredith Corporation
 Métropole Télévision S.A.
 Modern Times Group Mtg AB
 Multiplus S.A.
 NOS, S.G.P.S., S.A.
 Omnicom Group Inc.
 Proto Corporation
 PT Surya Citra Media Tbk
 PT Visi Media Asia Tbk
 PT. Global Mediacom Tbk
 PT. Media Nusantara Citra
 Publicis Groupe S.A.
 PVR Limited
 Quebecor Inc.
 RTL Group SA
 SBS Media Holdings Co., L
 Scholastic Corporation
 Septeni Holdings Co., Ltd
 SES S.A.
 Shaw Communications Inc.
 Shochiku Co., Ltd.
 Showbox Corp.
 Sinclair Broadcast Group,
 SKY Network Television Li
 Sky plc
 SM Entertainment Co., Ltd
 Ströer SE & Co. KGaA
 TEGNA Inc.
 Television Broadcasts Lim
 Télévision Française 1 SA
 The E.W. Scripps Company
 The Interpublic Group of
 The New York Times Compan

Toei Animation Co., Ltd.
 Toei Company, Ltd.
 Tokyo Broadcasting System
 TV Asahi Holdings Corpora
 TV18 Broadcast Limited
 Twenty-First Century Fox,
 UBM plc
 Vector Inc.
 VGI Global Media Public C
 Viacom, Inc.
 Vivendi SA
 Warner Media, LLC
 Workpoint Entertainment P
 World Wrestling Entertain
 WOWOW INC.
 WPP AUNZ Limited
 WPP plc
 YG Entertainment Inc.
 Zee Entertainment Enterpr
 Zenrin Co., Ltd.

Chow Sang Sang Holdings I
 Cia. Hering
 Citi Trends, Inc.
 Clas Ohlson AB (publ)
 Conn's, Inc.
 Core-Mark Holding Company
 Dah Chong Hong Holdings L
 DCM Holdings Co., Ltd.
 Debenhams plc
 Delek Automotive Systems
 Dick's Sporting Goods, In
 Dillard's, Inc.
 Dollar General Corporatio
 Dollar Tree, Inc.
 Don Quijote Holdings Co.,
 Doshisha Co.,Ltd.
 DSW Inc.
 Dufry AG
 Dunelm Group plc
 EDION Corporation
 El Puerto de Liverpool, S
 Expedia Group, Inc.
 Express, Inc.
 Far Eastern Department St
 Fast Retailing Co., Ltd.
 Five Below, Inc.
 Foot Locker, Inc.
 Fuji Co., Ltd.
 GameStop Corp.
 Genesco Inc.
 Geo Holdings Corporation
 Giordano International Li
 Golden Eagle Retail Group
 Group 1 Automotive, Inc.
 GS Home Shopping Inc.
 Guess?, Inc.
 Gwangju Shinsegae Co., Lt
 H & M Hennes & Mauritz AB
 Halfords Group plc
 Harvey Norman Holdings Li
 Haverly Furniture Compani
 Hibbett Sports, Inc.
 Home Product Center Publi
 Hornbach Baumarkt AG
 Hotai Motor Co., Ltd.
 Hotel Shilla Co.,Ltd
 Hyundai Department Store
 Hyundai Home Shopping Net
 IDOM Inc.
 Imperial Holdings Limited
 Inchcape plc
 Industria de Diseño Texti
 Isetan Mitsukoshi Holding
 Izumi Co., Ltd.
 Jardine Cycle & Carriage
 JB Hi-Fi Limited
 JD Sports Fashion plc
 JINS Inc.
 Joshin Denki Co., Ltd.
 Jumbo S.A.
 KappAhl AB (publ)

Keiyo Co., Ltd.
 Kingfisher plc
 Kintetsu Department Store
 Kohl's Corporation
 Kohnan Shoji Co., Ltd.
 Komeri Co.,Ltd.
 K's Holdings Corporation
 Laox CO., LTD.
 Lithia Motors, Inc.
 LKQ Corporation
 Lojas Americanas S.A.
 Lojas Renner S.A.
 Lookers plc
 LOTTE Himart Co.,Ltd.
 Lowe's Companies, Inc.
 Macy's, Inc.
 Magazine Luiza S.A.
 MarineMax, Inc.
 Marisa Lojas S.A.
 Matsuya Co., Ltd.
 Mekonomen AB (publ)
 Michael Hill Internationa
 Monro, Inc.
 Myer Holdings Limited
 N Brown Group plc
 Netflix, Inc.
 Next Plc
 Nishimatsuya Chain Co., L
 Nitori Holdings Co., Ltd.
 Nojima Corporation
 Nordstrom, Inc.
 Nutrisystem, Inc.
 Ocado Group plc
 Office Depot, Inc.
 O'Reilly Automotive, Inc.
 Padini Holdings Berhad
 PAL GROUP Holdings CO., L
 Paltac Corporation
 Parco Co. Ltd.
 Parkson Retail Group Limi
 PC Depot Corporation
 PC Jeweller Limited
 Pendragon PLC
 Penske Automotive Group,
 PetMed Express, Inc.
 Pier 1 Imports, Inc.
 Pool Corporation
 Pou Sheng International (POYA International Co., L
 Premier Investments Limit
 PT Ace Hardware Indonesia
 PT Ramayana Lestari Sento
 PT. Mitra Adiperkasa Tbk
 Public Joint Stock Compan
 Robinson Public Company L
 Ross Stores, Inc.
 Ryohin Keikaku Co., Ltd.
 Sac's Bar Holdings Inc.
 Sanrio Company, Ltd.
 Senao International Co.,
 Seria Co., Ltd.

GICS 2550

Aaron's, Inc.
 ABC-Mart, Inc.
 Abercrombie & Fitch Co.
 Accent Group Limited
 Adastria Co., Ltd.
 Advance Auto Parts, Inc.
 Alpen Co., Ltd.
 Amazon.com, Inc.
 American Eagle Outfitters
 Aoyama Trading Co., Ltd.
 Arata Corporation
 Arcland Sakamoto Co.,Ltd.
 Asahi Co., Ltd.
 Asbury Automotive Group,
 ASKUL Corporation
 Autobacs Seven Co., Ltd.
 AutoCanada Inc.
 Automotive Holdings Group
 AutoNation, Inc.
 Beauty Community Public C
 Bed Bath & Beyond Inc.
 Belluna Co., Ltd.
 Best Buy Co., Inc.
 Bic Camera Inc.
 Big Lots, Inc.
 Bilia AB
 Booking Holdings Inc.
 Bygghmax Group AB (publ)
 Caleres, Inc.
 Canadian Tire Corporation
 Canon Marketing Japan Inc
 CarMax, Inc.
 Cashbuild Limited
 Ceconomy AG
 Chico's FAS, Inc.
 China Trustful Group Limi
 China ZhengTong Auto Serv
 Chiyoda Co., Ltd.
 Chori Co., Ltd.

Shimachu Co., Ltd.
 SHIMAMURA Co., Ltd.
 Shinsegae International C
 Shoe Carnival, Inc.
 Shoppers Stop Limited
 Shutterfly, Inc.
 Signet Jewelers Limited
 Sleep Number Corporation
 Sports Direct Internation
 Start Today Co., Ltd.
 Super Retail Group Limite
 Superdry Plc
 Takashimaya Company, Limi
 TAKKT AG
 Target Corporation
 Test-Rite International C
 T-Gaia Corporation
 The Buckle, Inc.
 The Cato Corporation
 The Children's Place, Inc
 The Finish Line, Inc.
 The Foschini Group Limite
 The Gap, Inc.
 The Home Depot, Inc.
 The TJX Companies, Inc.
 Tiffany & Co.
 Tractor Supply Company
 Trade Me Group Limited
 TripAdvisor, Inc.
 Truworths International L
 Ulta Beauty, Inc.
 Uni-Select Inc.
 United Arrows Ltd.
 Urban Outfitters, Inc.
 USS Co., Ltd.
 Valora Holding AG
 VT Holdings Co., Ltd.
 Webjet Limited
 WH Smith PLC
 Williams-Sonoma, Inc.
 Xebio Holdings Co., Ltd.
 Xinhua Winshare Publishin
 Yamada Denki Co., Ltd.
 Yellow Hat Ltd.
 YOOX Net-A-Porter Group S
 Yume no Machi Souzou link
 Zhongsheng Group Holdings
 zooplus AG
 Zumiez Inc.

Pool Corporation
 Uni-Select Inc.
 Xinhua Winshare Publishin

Shoppers Stop Limited
 Takashimaya Company, Limi
 Target Corporation

GICS 255020

Amazon.com, Inc.
 ASKUL Corporation
 Belluna Co., Ltd.
 Booking Holdings Inc.
 Expedia Group, Inc.
 GS Home Shopping Inc.
 Hyundai Home Shopping Net
 N Brown Group plc
 Netflix, Inc.
 Nutrisystem, Inc.
 Ocado Group plc
 PetMed Express, Inc.
 Shutterfly, Inc.
 Start Today Co., Ltd.
 TAKKT AG
 Trade Me Group Limited
 TripAdvisor, Inc.
 Webjet Limited
 YOOX Net-A-Porter Group S
 Yume no Machi Souzou link
 zooplus AG

GICS 255030

Big Lots, Inc.
 Canadian Tire Corporation
 Debenhams plc
 Dillard's, Inc.
 Dollar General Corporatio
 Dollar Tree, Inc.
 Don Quijote Holdings Co.,
 El Puerto de Liverpool, S
 Far Eastern Department St
 Fuji Co., Ltd.
 Golden Eagle Retail Group
 Gwangju Shinsegae Co., Lt
 Harvey Norman Holdings Li
 Hyundai Department Store
 Isetan Mitsukoshi Holding
 Izumi Co., Ltd.
 Kintetsu Department Store
 Kohl's Corporation
 Lojas Renner S.A.
 Macy's, Inc.
 Magazine Luiza S.A.
 Marisa Lojas S.A.
 Matsuya Co., Ltd.
 Myer Holdings Limited
 Nordstrom, Inc.
 Parco Co. Ltd.
 Parkson Retail Group Limi
 POYA International Co., L
 PT Ramayana Lestari Sento
 PT. Mitra Adiperkasa Tbk
 Robinson Public Company L
 Ryohin Keikaku Co., Ltd.
 Seria Co., Ltd.

GICS 255040

Aaron's, Inc.
 ABC-Mart, Inc.
 Abercrombie & Fitch Co.
 Accent Group Limited
 Adastria Co., Ltd.
 Advance Auto Parts, Inc.
 Alpen Co., Ltd.
 American Eagle Outfitters
 Aoyama Trading Co., Ltd.
 Arcland Sakamoto Co., Ltd.
 Asahi Co., Ltd.
 Asbury Automotive Group,
 Autobacs Seven Co., Ltd.
 AutoCanada Inc.
 Automotive Holdings Group
 AutoNation, Inc.
 Beauty Community Public C
 Bed Bath & Beyond Inc.
 Best Buy Co., Inc.
 Bic Camera Inc.
 Bilia AB
 Byggmax Group AB (publ)
 Caleres, Inc.
 CarMax, Inc.
 Cashbuild Limited
 Ceconomy AG
 Chico's FAS, Inc.
 China ZhengTong Auto Serv
 Chiyoda Co., Ltd.
 Chow Sang Sang Holdings I
 Cia. Hering
 Citi Trends, Inc.
 Clas Ohlson AB (publ)
 Conn's, Inc.
 DCM Holdings Co., Ltd.
 Delek Automotive Systems
 Dick's Sporting Goods, In
 DSW Inc.
 Dufry AG
 Dunelm Group plc
 EDION Corporation
 Express, Inc.
 Fast Retailing Co., Ltd.
 Five Below, Inc.
 Foot Locker, Inc.
 GameStop Corp.
 Genesco Inc.
 Geo Holdings Corporation
 Giordano International Li
 Group 1 Automotive, Inc.
 Guess?, Inc.
 H & M Hennes & Mauritz AB
 Halfords Group plc
 Haverly Furniture Compani
 Hibbett Sports, Inc.
 Home Product Center Publi

GICS 255010

Arata Corporation
 Canon Marketing Japan Inc
 China Trustful Group Limi
 Chori Co., Ltd.
 Core-Mark Holding Company
 Dah Chong Hong Holdings L
 Doshisha Co., Ltd.
 Jardine Cycle & Carriage
 LKQ Corporation
 Paltac Corporation

Hornbach Baumarkt AG
Hotai Motor Co., Ltd.
Hotel Shilla Co.,Ltd
IDOM Inc.
Industria de Diseño Texti
JB Hi-Fi Limited
JD Sports Fashion plc
JINS Inc.
Joshin Denki Co., Ltd.
Jumbo S.A.
KappAhl AB (publ)
Keiyo Co., Ltd.
Kingfisher plc
Kohnan Shoji Co., Ltd.
Komeri Co.,Ltd.
K's Holdings Corporation
Laos CO., LTD.
Lithia Motors, Inc.
Lookers plc
LOTTE Himart Co.,Ltd.
Lowe's Companies, Inc.
MarineMax, Inc.
Mekonomen AB (publ)
Michael Hill Internationa
Monro, Inc.
Nishimatsuya Chain Co., L
Nitori Holdings Co., Ltd.
Nojima Corporation
Office Depot, Inc.
O'Reilly Automotive, Inc.
Padini Holdings Berhad
PC Depot Corporation
PC Jeweller Limited
Pendragon PLC
Penske Automotive Group,
Pier 1 Imports, Inc.
Pou Sheng International (
Premier Investments Limit
PT Ace Hardware Indonesia
Public Joint Stock Compan
Ross Stores, Inc.
Sac's Bar Holdings Inc.
Sanrio Company, Ltd.
Senao International Co.,
Shimachu Co., Ltd.
SHIMAMURA Co., Ltd.
Shinsegae International C
Shoe Carnival, Inc.
Signet Jewelers Limited
Sleep Number Corporation
Sports Direct Internation
Super Retail Group Limite
T-Gaia Corporation
The Buckle, Inc.
The Cato Corporation
The Children's Place, Inc
The Finish Line, Inc.
The Foschini Group Limite
The Gap, Inc.
The Home Depot, Inc.
The TJX Companies, Inc.

Tiffany & Co.
Tractor Supply Company
Truworths International L
Ultra Beauty, Inc.
United Arrows Ltd.
Urban Outfitters, Inc.
USS Co., Ltd.
Valora Holding AG
VT Holdings Co., Ltd.
WH Smith PLC
Xebio Holdings Co., Ltd.
Yamada Denki Co., Ltd.
Yellow Hat Ltd.
Zhongsheng Group Holdings
Zumiez Inc.

GICS 30

AAK AB (publ.)
Able C&C Co., Ltd.
Aeon Co., Ltd.
Agthia Group PJSC
Ain Holdings Inc.
Ajinomoto Co., Inc.
Al Meera Consumer Goods C
Alimentation Couche-Tard
Almacenes Éxito S.A.
Altria Group, Inc.
Ambev S.A.
Amorepacific Corporation
AMOREPACIFIC Group
Anadolu Efes Biracilik ve
Anheuser-Busch InBev SA/N
Anhui Gujing Distillery C
Arca Continental, S. A. B
Archer-Daniels-Midland Co
ARCS Company Limited
ARIAKE JAPAN Co., Ltd.
Asahi Group Holdings, Ltd
Associated British Foods
Astral Foods Limited
Atria Oyj
Austevoll Seafood ASA
Avanti Feeds Limited
AVI Limited
Axfood AB (publ)
Axial Retailing Inc.
B&G Foods, Inc.
Bajaj Corp Limited
Balrampur Chini Mills Lim
Barry Callebaut AG
Bega Cheese Limited
Beiersdorf Aktiengesellsc
Belc CO., LTD.
Bell Food Group AG
Berli Jucker Public Compa
BIM Birlesik Magazalar A.
Binggrae Co., Ltd.
Blackmores Limited
Bonduelle SA
BRF S.A.
Britannia Industries Limi

British American Tobacco
British American Tobacco
Britvic Plc
Brown-Forman Corporation
Bumitama Agri Ltd.
Bunge Limited
C&C Group plc
Calavo Growers, Inc.
Calbee, Inc.
Cal-Maine Foods, Inc.
Campbell Soup Company
Carlsberg A/S
Carlsberg Brewery Malaysi
Carrefour SA
Casino, Guichard-Perracho
Cawachi Limited
Cencosud S.A.
Charoen Pokphand Enterpri
Charoen Pokphand Foods Pu
China Agri-Industries Hol
China Foods Limited
China Mengniu Dairy Compa
China Resources Beer (Hol
Chocoladefabriken Lindt &
Chubu Shiryō Co., Ltd.
Church & Dwight Co., Inc.
Ciz Holdings Co.,Ltd.
CJ Freshway Corporation
Cloetta AB (publ)
Coca-Cola Amatil Limited
Coca-Cola Bottlers Japan
Coca-Cola Bottling Co. Co
Coca-Cola FEMSA, S.A.B. d
Coca-Cola İçecek Anonim S
cocokara fine Inc.
Companhia Brasileira de D
Compañía Cervecerías Unid
Constellation Brands, Inc
Corby Spirit and Wine Lim
Cosco Capital, Inc
COSMOS Pharmaceutical Cor
Costco Wholesale Corporat
CP ALL Public Company Lim
Create SD Holdings Co., L
Dabur India Limited
Daesang Corporation
Daesang Holdings Co., Ltd
Daikokutenbussan Co.,Ltd.
Dairy Crest Group plc
Danone SA
Davide Campari-Milano S.p
Dean Foods Company
Diageo plc
Distribuidora Internacion
Dong Suh Companies Inc.
Dongwon F&B Co., Ltd.
Dongwon Industries Co., L
Dr Pepper Snapple Group,
DyDo Group Holdings, Inc.
Earth Corporation
EASY BIO, Inc.

Ebro Foods, S.A.
 Edgewell Personal Care Co
 EIS Eczacıbası İlaç, Sina
 E-MART Inc.
 Embotelladora Andina S.A.
 Emmi AG
 Etn. Fr. Colruyt NV
 Euglena Co., Ltd.
 Eveready Industries India
 Ezaki Glico Co.,Ltd.
 FamilyMart UNY Holdings C
 FancI Corporation
 Farmer Bros. Co.
 Farmsco
 FGV Holdings Berhad
 First Resources Limited
 Flowers Foods, Inc.
 Fomento Económico Mexican
 Freedom Foods Group Limit
 Fresh Del Monte Produce I
 Fuji Oil Holdings Inc.
 Fujicco Co., Ltd.
 Fujjya Co., Ltd.
 General Mills, Inc.
 Genky Drugstores Co.,Ltd.
 Genting Plantations Berha
 George Weston Limited
 GFPT Public Company Limit
 Gillette India Limited
 Glanbia plc
 Godfrey Phillips India Li
 Godrej Consumer Products
 Gr. Sarantis S.A.
 GrainCorp Limited
 Grape King Bio Ltd
 Great Wall Enterprise Co.
 Greencore Group plc
 Greenyard NV
 Grieg Seafood ASA
 Gruma, S.A.B. de C.V.
 Grupo Bimbo, S.A.B. de C.
 Grupo Comercial Chedraui,
 Grupo Herdez, S.A.B. de C
 GSRetail Co., Ltd.
 Halows Co.,Ltd.
 Health and Happiness (H&H
 Heineken N.V.
 Heiwado Co., Ltd.
 Hengan International Grou
 High Liner Foods Incorpor
 Hindustan Unilever Limite
 HITEJINRO Co., Ltd.
 Hokuto Corporation
 Hormel Foods Corporation
 House Foods Group Inc.
 Indofood Agri Resources L
 Industrias Bachoco, S.A.B
 Ingles Markets, Incorpora
 Ingredion Incorporated
 Inter Parfums, Inc.
 InterParfums SA
 IOI Corporation Berhad
 ITC Limited
 Ito En, Ltd.
 ITOCHU-SHOKUHIN Co., Ltd.
 J Sainsbury plc
 J&J Snack Foods Corp.
 Japan Tobacco Inc.
 JBS S.A.
 Jerónimo Martins, SGPS, S
 John B. Sanfilippo & Son,
 J-Oil Mills, Inc.
 Juhayna Food Industries S
 Jyothy Laboratories Limit
 Kagome Co., Ltd.
 Kameda Seika CO., Ltd.
 Kansai Super Market Ltd.
 Kao Corporation
 Kato Sangyo Co., Ltd.
 Kaveri Seed Company Limit
 Kellogg Company
 KENKO Mayonnaise Co.,Ltd.
 Kerry Group plc
 Key Coffee Inc.
 Khon Kaen Sugar Industry
 Kikkoman Corporation
 Kimberly-Clark Corporatio
 Kimberly-Clark de México,
 Kirin Holdings Company, L
 Kobayashi Pharmaceutical
 Kobe Bussan Co., Ltd.
 Koninklijke Ahold Delhaiz
 Koninklijke Wessanen N.V.
 Korea Kolmar Holdings Co.
 KOSÉ Corporation
 Kotobuki Spirits Co., Ltd
 KRBL Limited
 Kuala Lumpur Kepong Berha
 KWS Saat SE
 La Doria SpA
 Lancaster Colony Corporat
 Lawson, Inc.
 Lerøy Seafood Group ASA
 LG Household & Health Car
 Lien Hwa Industrial Corpo
 Life Corporation
 Lion Corporation
 Loblaw Companies Limited
 L'Oréal S.A.
 Lotte Chilsung Beverage C
 Lotte Food Co.,Ltd.
 M. Dias Branco S.A. Indús
 Malee Group Public Compan
 Mandom Corporation
 Maple Leaf Foods Inc.
 Marico Limited
 Marine Harvest ASA
 MARR S.p.A.
 Marudai Food Co., Ltd.
 Maruha Nichiro Corporatio
 Massmart Holdings Limited
 Matsumotokiyoishi Holdings
 McCormick & Company, Inco
 McLeod Russel India Limit
 Medifast, Inc.
 Megmilk Snow Brand Co., L
 Meiji Holdings Co., Ltd.
 Metro Inc.
 MGP Ingredients, Inc.
 Milbon Co., Ltd.
 MINISTOP Co., Ltd.
 Mitsubishi Shokuhin Co.,
 Mitsui Sugar Co., Ltd.
 Mondelez International, I
 Monster Beverage Corporat
 Morinaga & Co., Ltd.
 Morinaga Milk Industry Co
 Muhak Co., Ltd.
 Nagatanien Holdings Co.,L
 Namchow Holdings Co., Ltd
 Namyang Dairy Products Co
 National Beverage Corp.
 Natura Cosméticos S.A.
 Nestlé (Malaysia) Berhad
 Nestlé India Limited
 Nestlé S.A.
 NH Foods Ltd.
 Nihon Chouzai Co.,Ltd.
 Nippon Beet Sugar Manufac
 Nippon Flour Mills Co., L
 Nippon Suisan Kaisha, Ltd
 Nissin Seifun Group Inc.
 Nissin Foods Holdings Co.
 Noevir Holdings Co., Ltd.
 Nongshim Co., Ltd.
 Norway Royal Salmon AS
 Nu Skin Enterprises, Inc.
 Oceana Group Limited
 Okuwa Co., Ltd.
 Origin Enterprises plc
 ORION Holdings Corp.
 ORIOR AG
 Orkla ASA
 Ottogi Corporation
 P/F Bakkafrost
 Pepsico, Inc.
 Pernod Ricard SA
 Philip Morris CR a.s.
 Pick n Pay Stores Limited
 Pigeon Corporation
 Pioneer Food Group Ltd
 POLA Orbis Holdings Inc.
 PPB Group Berhad
 Premium Brands Holdings C
 PriceSmart, Inc.
 Prima Meat Packers, Ltd.
 PT Charoen Pokphand Indon
 PT Gudang Garam Tbk
 PT Hanjaya Mandala Sampoe
 PT Indofood CBP Sukses Ma
 PT Nippon Indosari Corpin
 PT Perusahaan Perkebunan
 PT Tunas Baru Lampung Tbk

PT Unilever Indonesia Tbk
 Public Joint Stock Compan
 Public Joint-Stock Compan
 Pulmuone Co., Ltd.
 PZ Cussons Plc
 QAF Limited
 QL Resources Berhad
 Qol Co., Ltd.
 Radico Khaitan Limited
 Raia Drogasil S.A.
 Rami Levi Chain Stores Ha
 Reckitt Benckiser Group p
 Rémy Cointreau SA
 Riken Vitamin Co., Ltd.
 Rock Field Co., Ltd.
 Rokko Butter Co., Ltd.
 Royal Unibrew A/S
 S Foods Inc.
 S.T. Corporation
 Sajo Industries Company L
 Sakata Seed Corporation
 SalMar ASA
 Samyang Corporation
 Samyang Foods Co., Ltd.
 SAN-A CO.,LTD.
 Sanderson Farms, Inc.
 São Martinho S.A.
 Sapporo Holdings Limited
 Saputo Inc.
 Seaboard Corporation
 Select Harvests Limited
 Seneca Foods Corporation
 Seven & i Holdings Co., L
 Sheng Siong Group Ltd
 Shiseido Company, Limited
 Shoei Foods Corporation
 Shoprite Holdings Limited
 Showa Sangyo Co., Ltd.
 Shufersal Ltd.
 SLC Agrícola S.A.
 Sogo Medical Co., Ltd.
 SpartanNash Company
 SPC Samlip Co., Ltd.
 Springland International
 Standard Foods Corporatio
 Starzen Company Limited
 Strauss Group Ltd.
 Südzucker AG
 Sugi Holdings Co.,Ltd.
 Sun Art Retail Group Limi
 Sundrug Co.,Ltd.
 Sysco Corporation
 Taiwan Tea Corporation
 Takara Holdings Inc.
 Tassal Group Limited
 Tata Global Beverages Lim
 Tate & Lyle plc
 TCI Co., Ltd.
 Thai Union Group Public C
 Thai Vegetable Oil Public
 The a2 Milk Company Limit

The Boston Beer Company,
 The Coca-Cola Company
 The Estée Lauder Companie
 The Hain Celestial Group,
 The Hershey Company
 The J. M. Smucker Company
 The Jean Coutu Group (PJC
 The Kroger Co.
 The Nisshin OilliO Group,
 The North West Company In
 The Procter & Gamble Comp
 The SPAR Group Ltd
 Tibet Water Resources Ltd
 Tiger Brands Limited
 Tingyi (Cayman Islands) H
 Tootsie Roll Industries,
 Toyo Suisan Kaisha, Ltd.
 Treasury Wine Estates Lim
 Tsingtao Brewery Company
 Tsuruha Holdings Inc.
 TTET Union Corporation
 Tyson Foods, Inc.
 Ülker Bisküvi Sanayi A.S.
 Unicharm Corporation
 Unilever PLC
 Uni-President Enterprises
 United Natural Foods, Inc
 Universal Corporation
 Universal Robina Corporat
 USANA Health Sciences, In
 Valor Holdings Co., Ltd.
 Village Super Market, Inc
 Viña Concha y Toro S.A.
 Vinda International Holdi
 Viscofan, S.A.
 Walgreens Boots Alliance,
 Wal-Mart de México, S.A.B
 Walmart Inc.
 Want Want China Holdings
 Warabeya Nichiyo Holdings
 WD-40 Company
 Weis Markets, Inc.
 Welcia Holdings Co., Ltd.
 Wilmar International Limi
 Wm Morrison Supermarkets
 Woolworths Group Limited
 Yakult Honsha Co.,Ltd.
 Yakuodo Co., Ltd.
 Ya-Man Ltd.
 Yamazaki Baking Co., Ltd.
 Yaoko Co.,Ltd.
 Yokohama Reito Co.,Ltd.
 Zydus Wellness Limited

GICS 3010

Aeon Co., Ltd.
 Ain Holdings Inc.
 Al Meera Consumer Goods C
 Alimentation Couche-Tard
 Almacenes Éxito S.A.
 ARCS Company Limited

Axfood AB (publ)
 Axial Retailing Inc.
 Belc CO., LTD.
 Berli Jucker Public Compa
 BIM Birllesik Magazalar A.
 Carrefour SA
 Casino, Guichard-Perracho
 Cawachi Limited
 Cencosud S.A.
 CJ Freshway Corporation
 cocokara fine Inc.
 Companhia Brasileira de D
 Cosco Capital, Inc
 COSMOS Pharmaceutical Cor
 Costco Wholesale Corporat
 CP ALL Public Company Lim
 Create SD Holdings Co., L
 Daikokutenbussan Co.,Ltd.
 Distribuidora Internacion
 Dong Suh Companies Inc.
 E-MART Inc.
 Etn. Fr. Colruyt NV
 FamilyMart UNY Holdings C
 Genky Drugstores Co.,Ltd.
 George Weston Limited
 Grupo Comercial Chedraui,
 GSRetail Co., Ltd.
 Halows Co.,Ltd.
 Heiwado Co., Ltd.
 Ingles Markets, Incorpora
 ITOCHU-SHOKUHIN Co., Ltd.
 J Sainsbury plc
 Jerónimo Martins, SGPS, S
 Kansai Super Market Ltd.
 Kato Sangyo Co., Ltd.
 Kobe Bussan Co., Ltd.
 Koninklijke Ahold Delhaiz
 Lawson, Inc.
 Life Corporation
 Loblaw Companies Limited
 MARR S.p.A.
 Massmart Holdings Limited
 Matsumotokiyoshi Holdings
 Metro Inc.
 MINISTOP Co., Ltd.
 Mitsubishi Shokuhin Co.,
 Nihon Chouzai Co.,Ltd.
 Okuwa Co., Ltd.
 Pick n Pay Stores Limited
 PriceSmart, Inc.
 Public Joint Stock Compan
 Public Joint-Stock Compan
 Qol Co., Ltd.
 Raia Drogasil S.A.
 Rami Levi Chain Stores Ha
 SAN-A CO.,LTD.
 Seven & i Holdings Co., L
 Sheng Siong Group Ltd
 Shoei Foods Corporation
 Shoprite Holdings Limited
 Shufersal Ltd.

Sogo Medical Co., Ltd.
 SpartanNash Company
 Springland International
 Sugi Holdings Co.,Ltd.
 Sun Art Retail Group Limi
 Sundrug Co.,Ltd.
 Sysco Corporation
 Taiwan Tea Corporation
 The Jean Coutu Group (PJC
 The Kroger Co.
 The North West Company In
 The SPAR Group Ltd
 Tsuruha Holdings Inc.
 United Natural Foods, Inc
 Valor Holdings Co., Ltd.
 Village Super Market, Inc
 Walgreens Boots Alliance,
 Wal-Mart de México, S.A.B
 Walmart Inc.
 Weis Markets, Inc.
 Welcia Holdings Co., Ltd.
 Wm Morrison Supermarkets
 Woolworths Group Limited
 Yakuodo Co., Ltd.
 Yaoko Co.,Ltd.
 Yokohama Reito Co.,Ltd.

C&C Group plc
 Calavo Growers, Inc.
 Calbee, Inc.
 Cal-Maine Foods, Inc.
 Campbell Soup Company
 Carlsberg A/S
 Carlsberg Brewery Malaysi
 Charoen Pokphand Enterpri
 Charoen Pokphand Foods Pu
 China Agri-Industries Hol
 China Foods Limited
 China Mengniu Dairy Compa
 China Resources Beer (Hol
 Chocoladefabriken Lindt &
 Chubu Shiryō Co., Ltd.
 Cloetta AB (publ)
 Coca-Cola Amatil Limited
 Coca-Cola Bottlers Japan
 Coca-Cola Bottling Co. Co
 Coca-Cola FEMSA, S.A.B. d
 Coca-Cola İçecek Anonim S
 Compañía Cervecerías Unid
 Constellation Brands, Inc
 Corby Spirit and Wine Lim
 Daesang Corporation
 Daesang Holdings Co., Ltd
 Dairy Crest Group plc
 Davide Campari-Milano S.p
 Dean Foods Company
 Diageo plc
 Dongwon F&B Co., Ltd.
 Dongwon Industries Co., L
 Dr Pepper Snapple Group,
 DyDo Group Holdings, Inc.
 EASY BIO, Inc.
 Ebro Foods, S.A.
 Embotelladora Andina S.A.
 Emmi AG
 Ezaki Glico Co.,Ltd.
 Farmer Bros. Co.
 Farmsco
 FGV Holdings Berhad
 First Resources Limited
 Flowers Foods, Inc.
 Freedom Foods Group Limit
 Fresh Del Monte Produce I
 Fuji Oil Holdings Inc.
 Fujicco Co., Ltd.
 Fujjiya Co., Ltd.
 Genting Plantations Berha
 GFPT Public Company Limit
 Godfrey Phillips India Li
 GrainCorp Limited
 Great Wall Enterprise Co.
 Greencore Group plc
 Greenyard NV
 Grieg Seafood ASA
 Gruma, S.A.B. de C.V.
 Grupo Bimbo, S.A.B. de C.
 Grupo Herdez, S.A.B. de C
 Health and Happiness (H&H

Heineken N.V.
 High Liner Foods Incorpor
 HITEJINRO Co., Ltd.
 Hokuto Corporation
 Hormel Foods Corporation
 Indofood Agri Resources L
 Industrias Bachoco, S.A.B
 Ingredion Incorporated
 IOI Corporation Berhad
 ITC Limited
 Ito En, Ltd.
 J&J Snack Foods Corp.
 Japan Tobacco Inc.
 JBS S.A.
 John B. Sanfilippo & Son,
 J-Oil Mills, Inc.
 Juhayna Food Industries S
 Kameda Seika CO., Ltd.
 Kaveri Seed Company Limit
 Kellogg Company
 KENKO Mayonnaise Co.,Ltd.
 Kerry Group plc
 Key Coffee Inc.
 Khon Kaen Sugar Industry
 Kikkoman Corporation
 Kirin Holdings Company, L
 Koninklijke Wessanen N.V.
 Kotobuki Spirits Co., Ltd
 KRBL Limited
 KWS Saat SE
 La Doria SpA
 Lancaster Colony Corporat
 Lerøy Seafood Group ASA
 Lien Hwa Industrial Corpo
 Lotte Chilsung Beverage C
 Lotte Food Co.,Ltd.
 M. Dias Branco S.A. Indús
 Malee Group Public Compan
 Maple Leaf Foods Inc.
 Marine Harvest ASA
 Marudai Food Co., Ltd.
 Maruha Nichiro Corporatio
 McCormick & Company, Inco
 McLeod Russel India Limit
 Megmilk Snow Brand Co., L
 Meiji Holdings Co., Ltd.
 MGP Ingredients, Inc.
 Mitsui Sugar Co., Ltd.
 Mondelez International, I
 Monster Beverage Corporat
 Morinaga & Co., Ltd.
 Morinaga Milk Industry Co
 Muhak Co., Ltd.
 Nagatanien Holdings Co.,L
 Namchow Holdings Co., Ltd
 Namyang Dairy Products Co
 National Beverage Corp.
 Nestlé (Malaysia) Berhad
 Nestlé India Limited
 Nestlé S.A.
 NH Foods Ltd.

GICS 3020

AAK AB (publ.)
 Agthia Group PJSC
 Ajinomoto Co., Inc.
 Altria Group, Inc.
 Ambev S.A.
 Anadolu Efes Biracilik ve
 Anheuser-Busch InBev SA/N
 Anhui Gujing Distillery C
 Arca Continental, S. A. B
 Archer-Daniels-Midland Co
 ARIAKE JAPAN Co., Ltd.
 Asahi Group Holdings, Ltd
 Associated British Foods
 Astral Foods Limited
 Atria Oyj
 Austevoll Seafood ASA
 Avanti Feeds Limited
 AVI Limited
 B&G Foods, Inc.
 Balrampur Chini Mills Lim
 Barry Callebaut AG
 Bega Cheese Limited
 Bell Food Group AG
 Binggrae Co., Ltd.
 Bonduelle SA
 BRF S.A.
 Britannia Industries Limi
 British American Tobacco
 British American Tobacco
 Britvic Plc
 Brown-Forman Corporation
 Bumitama Agri Ltd.
 Bunge Limited

Nippon Beet Sugar Manufac
 Nippon Flour Mills Co., L
 Nippon Suisan Kaisha, Ltd
 Nissin Foods Holdings Co.
 Nongshim Co., Ltd.
 Norway Royal Salmon AS
 Oceana Group Limited
 Origin Enterprises plc
 ORION Holdings Corp.
 ORIOR AG
 Orkla ASA
 Ottogi Corporation
 P/F Bakkafrøst
 Pepsico, Inc.
 Pernod Ricard SA
 Philip Morris CR a.s.
 Pioneer Food Group Ltd
 PPB Group Berhad
 Premium Brands Holdings C
 Prima Meat Packers, Ltd.
 PT Charoen Pokphand Indon
 PT Gudang Garam Tbk
 PT Hanjaya Mandala Sampoe
 PT Indofood CBP Sukses Ma
 PT Nippon Indosari Corpin
 PT Perusahaan Perkebunan
 PT Tunas Baru Lampung Tbk
 Pulmuone Co., Ltd.
 QAF Limited
 QL Resources Berhad
 Radico Khaitan Limited
 Rémy Cointreau SA
 Riken Vitamin Co., Ltd.
 Rock Field Co., Ltd.
 Rokko Butter Co., Ltd.
 Royal Unibrew A/S
 S Foods Inc.
 Sajo Industries Company L
 Sakata Seed Corporation
 SalMar ASA
 Samyang Corporation
 Samyang Foods Co., Ltd.
 Sanderson Farms, Inc.
 São Martinho S.A.
 Sapporo Holdings Limited
 Saputo Inc.
 Select Harvests Limited
 Seneca Foods Corporation
 Showa Sangyo Co., Ltd.
 SLC Agrícola S.A.
 SPC Samlip Co., Ltd.
 Standard Foods Corporatio
 Starzen Company Limited
 Strauss Group Ltd.
 Südzucker AG
 Tassal Group Limited
 Tata Global Beverages Lim
 Tate & Lyle plc
 Thai Union Group Public C
 Thai Vegetable Oil Public
 The a2 Milk Company Limit

The Boston Beer Company,
 The Coca-Cola Company
 The Hain Celestial Group,
 The Hershey Company
 The J. M. Smucker Company
 The Nisshin OilliO Group,
 Tibet Water Resources Ltd
 Tingyi (Cayman Islands) H
 Tootsie Roll Industries,
 Toyo Suisan Kaisha, Ltd.
 Treasury Wine Estates Lim
 Tsingtao Brewery Company
 TTET Union Corporation
 Tyson Foods, Inc.
 Ülker Bisküvi Sanayi A.S.
 Universal Corporation
 Universal Robina Corporat
 Viña Concha y Toro S.A.
 Viscofan, S.A.
 Want Want China Holdings
 Warabeya Nichiyo Holdings
 Wilmar International Limi
 Yakult Honsha Co.,Ltd.
 Yamazaki Baking Co., Ltd.
 Zydus Wellness Limited

GICS 302010

Ambev S.A.
 Anadolu Efes Biracilik ve
 Anheuser-Busch InBev SA/N
 Anhui Gujing Distillery C
 Arca Continental, S. A. B
 Asahi Group Holdings, Ltd
 Britvic Plc
 Brown-Forman Corporation
 C&C Group plc
 Carlsberg A/S
 Carlsberg Brewery Malaysi
 China Resources Beer (Hol
 Coca-Cola Amatil Limited
 Coca-Cola Bottlers Japan
 Coca-Cola Bottling Co. Co
 Coca-Cola FEMSA, S.A.B. d
 Coca-Cola İçecek Anonim S
 Compañía Cervecerías Unid
 Constellation Brands, Inc
 Corby Spirit and Wine Lim
 Davide Campari-Milano S.p
 Diageo plc
 Dr Pepper Snapple Group,
 Embotelladora Andina S.A.
 Heineken N.V.
 HITEJINRO Co., Ltd.
 Ito En, Ltd.
 Kirin Holdings Company, L
 Lotte Chilsung Beverage C
 MGP Ingredients, Inc.
 Monster Beverage Corporat
 Muhak Co., Ltd.
 National Beverage Corp.
 Pernod Ricard SA

Radico Khaitan Limited
 Rémy Cointreau SA
 Royal Unibrew A/S
 The Boston Beer Company,
 The Coca-Cola Company
 Tibet Water Resources Ltd
 Treasury Wine Estates Lim
 Tsingtao Brewery Company
 Viña Concha y Toro S.A.

GICS 302020

AAK AB (publ.)
 Agthia Group PJSC
 Ajinomoto Co., Inc.
 Archer-Daniels-Midland Co
 ARIAKE JAPAN Co., Ltd.
 Associated British Foods
 Astral Foods Limited
 Atria Oyj
 Austevoll Seafood ASA
 Avanti Feeds Limited
 AVI Limited
 B&G Foods, Inc.
 Balrampur Chini Mills Lim
 Barry Callebaut AG
 Bega Cheese Limited
 Bell Food Group AG
 Binggrae Co., Ltd.
 Bonduelle SA
 BRF S.A.
 Britannia Industries Limi
 Bumitama Agri Ltd.
 Bunge Limited
 Calavo Growers, Inc.
 Calbee, Inc.
 Cal-Maine Foods, Inc.
 Campbell Soup Company
 Charoen Pokphand Enterpri
 Charoen Pokphand Foods Pu
 China Agri-Industries Hol
 China Foods Limited
 China Mengniu Dairy Compa
 Chocoladefabriken Lindt &
 Chubu Shiryō Co., Ltd.
 Cloetta AB (publ)
 Daesang Corporation
 Daesang Holdings Co., Ltd
 Dairy Crest Group plc
 Dean Foods Company
 Dongwon F&B Co., Ltd.
 Dongwon Industries Co., L
 DyDo Group Holdings, Inc.
 EASY BIO, Inc.
 Ebro Foods, S.A.
 Emmi AG
 Ezaki Glico Co.,Ltd.
 Farmer Bros. Co.
 Farmsco
 FGV Holdings Berhad
 First Resources Limited
 Flowers Foods, Inc.

Freedom Foods Group Limit
 Fresh Del Monte Produce I
 Fuji Oil Holdings Inc.
 Fujicco Co., Ltd.
 Fujiya Co., Ltd.
 Genting Plantations Berha
 GFPT Public Company Limit
 Great Wall Enterprise Co.
 Greencore Group plc
 Greenyard NV
 Grieg Seafood ASA
 Gruma, S.A.B. de C.V.
 Grupo Bimbo, S.A.B. de C.
 Grupo Herdez, S.A.B. de C
 Health and Happiness (H&H)
 High Liner Foods Incorpor
 Hokuto Corporation
 Hormel Foods Corporation
 Indofood Agri Resources L
 Industrias Bachoco, S.A.B
 Ingredion Incorporated
 IOI Corporation Berhad
 J&J Snack Foods Corp.
 JBS S.A.
 John B. Sanfilippo & Son,
 J-Oil Mills, Inc.
 Kameda Seika CO., Ltd.
 Kaveri Seed Company Limit
 Kellogg Company
 KENKO Mayonnaise Co.,Ltd.
 Kerry Group plc
 Key Coffee Inc.
 Kikkoman Corporation
 Koninklijke Wessanen N.V.
 Kotobuki Spirits Co., Ltd
 KRBL Limited
 KWS Saat SE
 La Doria SpA
 Lancaster Colony Corporat
 Lerøy Seafood Group ASA
 Lien Hwa Industrial Corpo
 Lotte Food Co.,Ltd.
 M. Dias Branco S.A. Indús
 Malee Group Public Compan
 Maple Leaf Foods Inc.
 Marine Harvest ASA
 Marudai Food Co., Ltd.
 Maruha Nichiro Corporatio
 McCormick & Company, Inco
 McLeod Russel India Limit
 Megmilk Snow Brand Co., L
 Meiji Holdings Co., Ltd.
 Mitsui Sugar Co., Ltd.
 Mondelez International, I
 Morinaga & Co., Ltd.
 Morinaga Milk Industry Co
 Nagatanien Holdings Co.,L
 Namchow Holdings Co., Ltd
 Namyang Dairy Products Co
 Nestlé (Malaysia) Berhad
 Nestlé India Limited

NH Foods Ltd.
 Nippon Beet Sugar Manufac
 Nippon Flour Mills Co., L
 Nippon Suisan Kaisha, Ltd
 Nissin Foods Holdings Co.
 Nongshim Co., Ltd.
 Norway Royal Salmon AS
 Oceana Group Limited
 Origin Enterprises plc
 ORION Holdings Corp.
 ORIOR AG
 Orkla ASA
 Ottogi Corporation
 P/F Bakkafrøst
 PPB Group Berhad
 Premium Brands Holdings C
 Prima Meat Packers, Ltd.
 PT Charoen Pokphand Indon
 PT Indofood CBP Sukses Ma
 PT Nippon Indosari Corpin
 PT Perusahaan Perkebunan
 PT Tunas Baru Lampung Tbk
 Pulmuone Co., Ltd.
 QAF Limited
 QL Resources Berhad
 Riken Vitamin Co., Ltd.
 Rock Field Co., Ltd.
 Rokko Butter Co., Ltd.
 S Foods Inc.
 Sajo Industries Company L
 Sakata Seed Corporation
 SalMar ASA
 Samyang Corporation
 Samyang Foods Co., Ltd.
 Sanderson Farms, Inc.
 São Martinho S.A.
 Saputo Inc.
 Select Harvests Limited
 Seneca Foods Corporation
 Showa Sangyo Co., Ltd.
 SLC Agrícola S.A.
 SPC Samlip Co., Ltd.
 Standard Foods Corporatio
 Starzen Company Limited
 Strauss Group Ltd.
 Südzucker AG
 Tassal Group Limited
 Tata Global Beverages Lim
 Tate & Lyle plc
 Thai Union Group Public C
 Thai Vegetable Oil Public
 The a2 Milk Company Limit
 The Hain Celestial Group,
 The Hershey Company
 The J. M. Smucker Company
 The Nisshin OilliO Group,
 Tingyi (Cayman Islands) H
 Tootsie Roll Industries,
 Toyo Suisan Kaisha, Ltd.
 TTET Union Corporation
 Tyson Foods, Inc.

Ülker Bisküvi Sanayi A.S.
 Universal Robina Corporat
 Viscofan, S.A.
 Want Want China Holdings
 Warabeya Nichiyo Holdings
 Wilmar International Limi
 Yakult Honsha Co.,Ltd.
 Yamazaki Baking Co., Ltd.
 Zydus Wellness Limited

GICS 302030

Altria Group, Inc.
 British American Tobacco
 British American Tobacco
 Godfrey Phillips India Li
 Japan Tobacco Inc.
 Philip Morris CR a.s.
 PT Gudang Garam Tbk
 PT Hanjaya Mandala Sampoe
 Universal Corporation

GICS 3030

Able C&C Co., Ltd.
 Amorepacific Corporation
 AMOREPACIFIC Group
 Bajaj Corp Limited
 Beiersdorf Aktiengesellsc
 Blackmores Limited
 Church & Dwight Co., Inc.
 Ciz Holdings Co.,Ltd.
 Dabur India Limited
 Earth Corporation
 Edgewell Personal Care Co
 EIS Eczacıbasi İlaç, Sina
 Euglena Co., Ltd.
 Eveready Industries India
 Fancl Corporation
 Gillette India Limited
 Godrej Consumer Products
 Gr. Sarantis S.A.
 Grape King Bio Ltd
 Hengan International Grou
 Hindustan Unilever Limite
 Inter Parfums, Inc.
 InterParfums SA
 Jyothy Laboratories Limit
 Kao Corporation
 Kimberly-Clark Corporatio
 Kimberly-Clark de México,
 Kobayashi Pharmaceutical
 Korea Kolmar Holdings Co.
 KOSÉ Corporation
 LG Household & Health Car
 Lion Corporation
 L'Oréal S.A.
 Mandom Corporation
 Marico Limited
 Medifast, Inc.
 Millbon Co., Ltd.
 Natura Cosméticos S.A.
 Noveir Holdings Co., Ltd.

Nu Skin Enterprises, Inc.
Pigeon Corporation
POLA Orbis Holdings Inc.
PT Unilever Indonesia Tbk
PZ Cussons Plc
Reckitt Benckiser Group p
S.T. Corporation
Shiseido Company, Limited
TCI Co., Ltd.
The Estée Lauder Companie
The Procter & Gamble Comp
Unicharm Corporation
Unilever PLC
USANA Health Sciences, In
Vinda International Holdi
WD-40 Company
Ya-Man Ltd.

Natura Cosméticos S.A.
Noevir Holdings Co., Ltd.
Nu Skin Enterprises, Inc.
POLA Orbis Holdings Inc.
Shiseido Company, Limited
TCI Co., Ltd.
The Estée Lauder Companie
Unilever PLC
USANA Health Sciences, In
Ya-Man Ltd.

Bristol-Myers Squibb Comp
Bruker Corporation
BTG plc
Bukwang Pharmaceutical Co
Bumrungrad Hospital Publi
Cadila Healthcare Limited
Cambrex Corporation
Caplin Point Laboratories
Cardinal Health, Inc.
Carl Zeiss Meditec AG
Celgene Corporation
Cell Biotech Co., Ltd.
Celltrion Pharm Inc.
Celltrion, Inc.
Centene Corporation
Center Laboratories, Inc.
Cerner Corporation
Charles River Laboratorie
China Medical System Hold
China Shineway Pharmaceut
China Traditional Chinese
Chugai Pharmaceutical Co.
Cipla Limited
Clinigen Group Plc
CMIC HOLDINGS Co., Ltd.
Cochlear Limited
Coloplast A/S
CompuGroup Medical Societ
CONMED Corporation
CorVel Corporation
Cosmo Pharmaceuticals N.V
CryoLife, Inc.
CSL Limited
CSPC Pharmaceutical Group
CVS Group plc
DAE HWA Pharmaceutical Co
Daewon Pharmaceutical Co.
Daewoong Co., Ltd.
Daewoong Pharmaceutical C
Daiichi Sankyo Company, L
Danaher Corporation
DaVita Inc.
Dawnrays Pharmaceutical (
Dechra Pharmaceuticals pl
DiaSorin S.p.A.
DIO Corporation
Divi's Laboratories Limit
Dong-A Socio Holdings Co.
DongKook Pharmaceutical C
Dr. Reddy's Laboratories
Edwards Lifesciences Corp
Eiken Chemical Co., Ltd.
Eisai Co., Ltd.
Elekta AB (publ)
Eli Lilly and Company
Emergent BioSolutions Inc
EMIS Group plc
Enanta Pharmaceuticals, I
Encompass Health Corporat
Envision Healthcare Corpo
EPS Holdings, Inc.

GICS 35

Abaxis, Inc.
AbbVie Inc.
Abcam Plc
ABIOMED, Inc.
Acadia Healthcare Company
Adcock Ingram Holdings Li
Advanced Medical Solution
Agilent Technologies, Inc
Ajanta Pharma Limited
Akorn, Inc.
Alembic Pharmaceuticals L
Alexion Pharmaceuticals,
Alfresa Holdings Corporat
Align Technology, Inc.
ALK-Abelló A/S
Almirall, S.A.
Almost Family, Inc.
Ambu A/S
AmerisourceBergen Corpora
Amgen Inc.
AMN Healthcare Services,
Amplifon SpA
Anika Therapeutics, Inc.
As One Corp.
Asahi Intecc Co., Ltd.
ASKA Pharmaceutical Co.,
Aspen Pharmacare Holdings
Astellas Pharma Inc.
AstraZeneca PLC
athenahealth, Inc.
Aurobindo Pharma Limited
Australian Pharmaceutical
Bachem Holding AG
Bangkok Chain Hospital Pu
Bangkok Dusit Medical Ser
Baxter International Inc.
Becton, Dickinson and Com
Biocon Limited
BioGaia AB
Biogen Inc.
bioMérieux S.A.
Bio-Rad Laboratories, Inc
Biotage AB
Bio-Techne Corporation
BioTelemetry, Inc.
Biotest Aktiengesellschaf
BML, Inc.
Boiron SA
Boryung Pharmaceutical Co

GICS 303010

Church & Dwight Co., Inc.
Earth Corporation
Eveready Industries India
Hindustan Unilever Limite
Jyothy Laboratories Limit
Kimberly-Clark de México,
Lion Corporation
Pigeon Corporation
PT Unilever Indonesia Tbk
Reckitt Benckiser Group p
S.T. Corporation
Unicharm Corporation
Vinda International Holdi
WD-40 Company

GICS 303020

Able C&C Co., Ltd.
Amorepacific Corporation
AMOREPACIFIC Group
Bajaj Corp Limited
Beiersdorf Aktiengesellsc
Blackmores Limited
Ci:z Holdings Co.,Ltd.
Dabur India Limited
Edgewell Personal Care Co
EIS Eczacıbasi İlaç, Sina
Euglena Co., Ltd.
Fancl Corporation
Gillette India Limited
Godrej Consumer Products
Grape King Bio Ltd
Inter Parfums, Inc.
InterParfums SA
Kobayashi Pharmaceutical
Korea Kolmar Holdings Co.
KOSÉ Corporation
LG Household & Health Car
L'Oréal S.A.
Mandom Corporation
Marico Limited
Medifast, Inc.
Milbon Co., Ltd.

Essilor Int'l Société Ano
Eurofins Scientific SE
Evotec AG
Express Scripts Holding C
Extencare Inc.
Faes Farma, S.A.
FDC Limited
Fisher & Paykel Healthcar
Fleury S.A.
Fresenius Medical Care AG
Fresenius SE & Co. KGaA
Fuji Pharma Co., Ltd.
Fukuda Denshi Co., Ltd.
Getinge AB
Gilead Sciences, Inc.
Ginko International Co. L
GlaxoSmithKline plc
Glenmark Pharmaceuticals
Globus Medical, Inc.
Granules India Limited
Green Cross Corporation
Green Cross Holdings Corp
Grifols, S.A.
Guerbet SA
Haemonetics Corporation
Handok Inc.
Hanmi Pharm. Co., Ltd.
Hanmi Science Co., Ltd.
Hartalega Holdings Berhad
HealthStream, Inc.
Henry Schein, Inc.
Hill-Rom Holdings, Inc.
Hisamitsu Pharmaceutical
HMS Holdings Corp.
Hogy Medical Co.,Ltd.
Humana Inc.
Hypera S.A.
ICU Medical, Inc.
IHH Healthcare Berhad
Illumina, Inc.
Ilyang Pharmaceutical Co.
InBody Co., Ltd.
Integer Holdings Corporat
Integra LifeSciences Hold
Interjo Inc.
Intuitive Surgical, Inc.
Ion Beam Applications SA
Ipsca Laboratories Limited
Ipsen S.A.
i-SENS, Inc.
Japan Lifeline Co., Ltd.
JCR Pharmaceuticals Co.,
JEOL Ltd.
Johnson & Johnson
Jubilant Life Sciences Li
JW Holdings Corporation
Kaken Pharmaceutical Co.,
Kissei Pharmaceutical Co.
Kolon Life Science Inc.
Koninklijke Philips N.V.
Korea United Pharm Inc.

Korian
Kossan Rubber Industries
Kwang Dong Pharmaceutical
KYORIN Holdings, Inc.
Kyowa Hakko Kirin Co., Lt
Laboratory Corporation of
Lannett Company, Inc.
Lee's Pharmaceutical Hold
LeMaitre Vascular, Inc.
LHC Group, Inc.
Life Healthcare Group Hol
LifePoint Health, Inc.
Ligand Pharmaceuticals In
Linical Co., Ltd.
LNA Santé SA
Luminex Corporation
Lupin Limited
M3, Inc.
Magellan Health, Inc.
Mani, Inc.
Marksans Pharma Limited
Masimo Corporation
Mayne Pharma Group Limite
McKesson Corporation
Medicare Group Q.S.C.
Medidata Solutions, Inc.
MEDNAX, Inc.
Medy-Tox Inc.
Merck & Co., Inc.
Merck Kommanditgesellschaft
Meridian Bioscience, Inc.
Merit Medical Systems, In
Metlifecare Limited
Mettler-Toledo Internatio
Microlife Corporation
MicroPort Scientific Corp
MiMedx Group, Inc.
Miraca Holdings Inc.
Mitsubishi Tanabe Pharma
Mochida Pharmaceutical Co
Myriad Genetics, Inc.
Nagaileben Co., Ltd.
Nakanishi Inc.
NATCO Pharma Limited
National HealthCare Corpo
Natus Medical Incorporate
Neogen Corporation
Netcare Limited
NEUCA SA
Nichi-Iko Pharmaceutical
Nihon Kohden Corporation
Nippon Shinyaku Co., Ltd.
Nipro Corporation
NMC Health Plc
Novartis AG
Novo Nordisk A/S
NuVasive, Inc.
Odontoprev S.A.
Olympus Corporation
Omniceil, Inc.
Ono Pharmaceutical Co., L

OraSure Technologies, Inc
Oriola Oyj
Orion Oyj
ORPEA Société Anonyme
Orthofix International N.
Osstem Implant Co., Ltd.
Owens & Minor, Inc.
Paramount Bed Holdings Co
PerkinElmer, Inc.
Pfizer Inc.
Pfizer Limited
Prestige Brands Holdings,
Primary Health Care Limit
Pro Medicus Limited
Probi AB (publ)
PT Kalbe Farma Tbk.
Qualicorp Consultoria e C
Quality Systems, Inc.
Quest Diagnostics Incorpo
Raffles Medical Group Ltd
Ramsay Health Care Limite
Recordati Industria Chimi
Regeneron Pharmaceuticals
Repligen Corporation
ResMed Inc.
REYON Pharmaceutical Co.,
RHÖN-KLINIKUM Aktiengesel
Richter Gedeon Vegyészeti
Roche Holding AG
Rohto Pharmaceutical Co.,
Ryman Healthcare Limited
Samjin Pharmaceuticals Co
Sanofi
Sanofi India Limited
Santen Pharmaceutical Co.
Sartorius Stedim Biotech
Sawai Pharmaceutical Co.,
ScinoPharm Taiwan, Ltd.
Seegene, Inc.
Seikagaku Corporation
Selçuk Ecza Deposu Ticare
Select Medical Holdings C
Shandong Weigao Group Med
Shanghai Pharmaceuticals
Shilpa Medicare Limited
Shionogi & Co., Ltd.
Ship Healthcare Holdings,
Shire plc
Siegfried Holding AG
Sigma Healthcare Limited
Sino Biopharmaceutical Li
Sirtex Medical Limited
Smith & Nephew plc
Sonic Healthcare Limited
Sonova Holding AG
SSY Group Limited
St.Shine Optical Co.,Ltd.
STADA Arzneimittel Aktien
Stallergenes Greer Plc
STRATEC Biomedical AG
Straumann Holding AG

Strides Pharma Science Li
 Stryker Corporation
 Suheung Co., Ltd.
 Sumitomo Dainippon Pharma
 Summerset Group Holdings
 Sun Pharmaceutical Indust
 Supernus Pharmaceuticals,
 Surmodics, Inc.
 Suven Life Sciences Limit
 Suzuken Co., Ltd.
 Swedish Orphan Biovitrum
 Sysmex Corporation
 Taisho Pharmaceutical Hol
 Takara Bio Inc.
 Takeda Pharmaceutical Com
 Tecan Group Ltd.
 Teleflex Incorporated
 Terumo Corporation
 The Cooper Companies, Inc
 The Ensign Group, Inc.
 The Providence Service Co
 The Searle Company Limite
 The United Laboratories I
 Tianjin Zhong Xin Pharmac
 Tivity Health, Inc.
 Toho Holdings Co., Ltd.
 Tong Ren Tang Technologie
 Top Glove Corporation Bhd
 Torii Pharmaceutical Co.,
 Towa Pharmaceutical Co.,
 Triple-S Management Corpo
 Tsukui Corporation
 Tsumura & Co.
 TTY Biopharm Company Limi
 U.S. Physical Therapy, In
 UCB SA
 UDG Healthcare plc
 Unichem Laboratories Limi
 United Therapeutics Corpo
 Universal Health Services
 Value Added Technology Co
 Varian Medical Systems, I
 Vibhavadi Medical Center
 Vieworks Co. Ltd.
 Vifor Pharma AG
 Virbac SA
 Vital KSK Holdings, Inc.
 Vitrolife AB (publ)
 Waters Corporation
 West Pharmaceutical Servi
 Whan In Pharm Co.,Ltd.
 William Demant Holding A/
 Wockhardt Limited
 Ypsomed Holding AG
 Yuhan Corporation
 Yungjin Pharm. Co., Ltd.
 YungShin Global Holding C
 Zeria Pharmaceutical Co.,
 Zimmer Biomet Holdings, I
 Zoetis Inc.

GICS 3510

Abaxis, Inc.
 ABIOMED, Inc.
 Acadia Healthcare Company
 Advanced Medical Solution
 Alfresa Holdings Corporat
 Align Technology, Inc.
 Almost Family, Inc.
 Ambu A/S
 AmerisourceBergen Corpora
 AMN Healthcare Services,
 Amplifon SpA
 Anika Therapeutics, Inc.
 As One Corp.
 Asahi Intecc Co., Ltd.
 athenahealth, Inc.
 Australian Pharmaceutical
 Bangkok Chain Hospital Pu
 Bangkok Dusit Medical Ser
 Baxter International Inc.
 bioMérieux S.A.
 BioTelemetry, Inc.
 BML, Inc.
 Bumrungrad Hospital Publi
 Cardinal Health, Inc.
 Carl Zeiss Meditec AG
 Centene Corporation
 Cerner Corporation
 Cochlear Limited
 Coloplast A/S
 CompuGroup Medical Societ
 CONMED Corporation
 CorVel Corporation
 CVS Group plc
 DaVita Inc.
 DiaSorin S.p.A.
 DIO Corporation
 Edwards Lifesciences Corp
 Eiken Chemical Co., Ltd.
 Elekta AB (publ)
 EMIS Group plc
 Encompass Health Corporat
 Envision Healthcare Corpo
 Essilor Int'l Société Ano
 Express Scripts Holding C
 Extencicare Inc.
 Fisher & Paykel Healthcar
 Fleury S.A.
 Fresenius Medical Care AG
 Fresenius SE & Co. KGaA
 Fukuda Denshi Co., Ltd.
 Getinge AB
 Ginko International Co. L
 Globus Medical, Inc.
 Guerbet SA
 Haemonetics Corporation
 Hartalega Holdings Berhad
 HealthStream, Inc.
 Henry Schein, Inc.
 Hill-Rom Holdings, Inc.
 HMS Holdings Corp.

Hogy Medical Co.,Ltd.
 Humana Inc.
 ICU Medical, Inc.
 IHH Healthcare Berhad
 InBody Co., Ltd.
 Integer Holdings Corporat
 Interojo Inc.
 Intuitive Surgical, Inc.
 Ion Beam Applications SA
 i-SENS, Inc.
 Japan Lifeline Co., Ltd.
 Koninklijke Philips N.V.
 Korian
 Kossan Rubber Industries
 LeMaitre Vascular, Inc.
 LHC Group, Inc.
 Life Healthcare Group Hol
 LifePoint Health, Inc.
 LNA Santé SA
 M3, Inc.
 Magellan Health, Inc.
 Mani, Inc.
 Masimo Corporation
 McKesson Corporation
 Medicare Group Q.S.C.
 Medidata Solutions, Inc.
 MEDNAX, Inc.
 Merit Medical Systems, In
 Metlifecare Limited
 MicroLife Corporation
 MicroPort Scientific Corp
 Miraca Holdings Inc.
 Nagaibeben Co., Ltd.
 Nakanishi Inc.
 National HealthCare Corpo
 Natus Medical Incorporate
 Netcare Limited
 NEUCA SA
 Nihon Kohden Corporation
 NMC Health Plc
 NuVasive, Inc.
 Odontoprev S.A.
 Olympus Corporation
 Omnicell, Inc.
 OraSure Technologies, Inc
 Oriola Oyj
 ORPEA Société Anonyme
 Orthofix International N.
 Osstem Implant Co., Ltd.
 Owens & Minor, Inc.
 Paramount Bed Holdings Co
 Primary Health Care Limit
 Pro Medicus Limited
 Qualicorp Consultoria e C
 Quality Systems, Inc.
 Quest Diagnostics Incorpo
 Raffles Medical Group Ltd
 Ramsay Health Care Limite
 ResMed Inc.
 RHÖN-KLINIKUM Aktiengesel
 Ryman Healthcare Limited

Selçuk Ecza Deposu Ticare
 Select Medical Holdings C
 Shandong Weigao Group Med
 Shanghai Pharmaceuticals
 Ship Healthcare Holdings,
 Sigma Healthcare Limited
 Smith & Nephew plc
 Sonic Healthcare Limited
 Sonova Holding AG
 St.Shine Optical Co.,Ltd.
 STRATEC Biomedical AG
 Straumann Holding AG
 Stryker Corporation
 Suheung Co., Ltd.
 Summerset Group Holdings
 Surmodics, Inc.
 Suzuken Co., Ltd.
 Sysmex Corporation
 Teleflex Incorporated
 Terumo Corporation
 The Cooper Companies, Inc
 The Ensign Group, Inc.
 The Providence Service Co
 Tivity Health, Inc.
 Toho Holdings Co., Ltd.
 Top Glove Corporation Bhd
 Triple-S Management Corpo
 Tsukui Corporation
 U.S. Physical Therapy, In
 UDG Healthcare plc
 Universal Health Services
 Value Added Technology Co
 Varian Medical Systems, I
 Vibhavadi Medical Center
 Vieworks Co. Ltd.
 Vital KSK Holdings, Inc.
 West Pharmaceutical Servi
 William Demant Holding A/
 Ypsomed Holding AG
 Zimmer Biomet Holdings, I

Fisher & Paykel Healthcar
 Fukuda Denshi Co., Ltd.
 Ginko International Co. L
 Globus Medical, Inc.
 Guerbet SA
 Hartalega Holdings Berhad
 Hill-Rom Holdings, Inc.
 Hogy Medical Co.,Ltd.
 ICU Medical, Inc.
 InBody Co., Ltd.
 Integer Holdings Corporat
 Interojo Inc.
 Intuitive Surgical, Inc.
 Ion Beam Applications SA
 i-SENS, Inc.
 Koninklijke Philips N.V.
 Kossan Rubber Industries
 LeMaitre Vascular, Inc.
 Mani, Inc.
 Masimo Corporation
 Merit Medical Systems, In
 Microlife Corporation
 MicroPort Scientific Corp
 Nagaileben Co., Ltd.
 Nakanishi Inc.
 Natus Medical Incorporate
 Nihon Kohden Corporation
 NuVasive, Inc.
 Olympus Corporation
 OraSure Technologies, Inc
 Orthofix International N.
 Osstem Implant Co., Ltd.
 Paramount Bed Holdings Co
 ResMed Inc.
 Shandong Weigao Group Med
 Smith & Nephew plc
 Sonova Holding AG
 St.Shine Optical Co.,Ltd.
 STRATEC Biomedical AG
 Stryker Corporation
 Suheung Co., Ltd.
 Surmodics, Inc.
 Sysmex Corporation
 Teleflex Incorporated
 Terumo Corporation
 The Cooper Companies, Inc
 Top Glove Corporation Bhd
 Value Added Technology Co
 Varian Medical Systems, I
 Vieworks Co. Ltd.
 West Pharmaceutical Servi
 William Demant Holding A/
 Zimmer Biomet Holdings, I

As One Corp.
 Australian Pharmaceutical
 Bangkok Chain Hospital Pu
 Bangkok Dusit Medical Ser
 BioTelemetry, Inc.
 BML, Inc.
 Bumrungrad Hospital Publi
 Cardinal Health, Inc.
 Centene Corporation
 CorVel Corporation
 CVS Group plc
 DaVita Inc.
 Encompass Health Corporat
 Envision Healthcare Corpo
 Express Scripts Holding C
 Extencare Inc.
 Fleury S.A.
 Fresenius Medical Care AG
 Fresenius SE & Co. KGaA
 Henry Schein, Inc.
 Humana Inc.
 IHH Healthcare Berhad
 Japan Lifeline Co., Ltd.
 Korian
 LHC Group, Inc.
 Life Healthcare Group Hol
 LifePoint Health, Inc.
 LNA Santé SA
 Magellan Health, Inc.
 McKesson Corporation
 Medicare Group Q.S.C.
 MEDNAX, Inc.
 Metlifecare Limited
 Miraca Holdings Inc.
 National HealthCare Corpo
 Netcare Limited
 NEUCA SA
 NMC Health Plc
 Odontoprev S.A.
 Oriola Oyj
 ORPEA Société Anonyme
 Owens & Minor, Inc.
 Primary Health Care Limit
 Qualicorp Consultoria e C
 Quest Diagnostics Incorpo
 Raffles Medical Group Ltd
 Ramsay Health Care Limite
 RHÖN-KLINIKUM Aktiengesel
 Ryman Healthcare Limited
 Selçuk Ecza Deposu Ticare
 Select Medical Holdings C
 Shanghai Pharmaceuticals
 Ship Healthcare Holdings,
 Sigma Healthcare Limited
 Sonic Healthcare Limited
 Summerset Group Holdings
 Suzuken Co., Ltd.
 The Ensign Group, Inc.
 The Providence Service Co
 Tivity Health, Inc.
 Toho Holdings Co., Ltd.

GICS 351010

Abaxis, Inc.
 ABIOMED, Inc.
 Advanced Medical Solution
 Align Technology, Inc.
 Ambu A/S
 Anika Therapeutics, Inc.
 Asahi Intecc Co., Ltd.
 Baxter International Inc.
 bioMérieux S.A.
 Carl Zeiss Meditec AG
 Cochlear Limited
 Coloplast A/S
 CONMED Corporation
 DiaSorin S.p.A.
 DIO Corporation
 Edwards Lifesciences Corp
 Eiken Chemical Co., Ltd.
 Elekta AB (publ)
 Essilor Int'l Société Ano

GICS 351020

Acadia Healthcare Company
 Alfresa Holdings Corporat
 Almost Family, Inc.
 AmerisourceBergen Corpora
 AMN Healthcare Services,
 Amplifon SpA

Triple-S Management Corpo
Tsukui Corporation
U.S. Physical Therapy, In
Universal Health Services
Vibhavadi Medical Center
Vital KSK Holdings, Inc.

GICS 351030

athenahealth, Inc.
Cerner Corporation
CompuGroup Medical Societ
EMIS Group plc
HealthStream, Inc.
HMS Holdings Corp.
M3, Inc.
Medidata Solutions, Inc.
Omniceil, Inc.
Pro Medicus Limited
Quality Systems, Inc.

GICS 3520

AbbVie Inc.
Abcam Plc
Adcock Ingram Holdings Li
Agilent Technologies, Inc
Ajanta Pharma Limited
Akorn, Inc.
Alembic Pharmaceuticals L
Alexion Pharmaceuticals,
ALK-Abelló A/S
Almirall, S.A.
Amgen Inc.
ASKA Pharmaceutical Co.,
Aspen Pharmacare Holdings
Astellas Pharma Inc.
AstraZeneca PLC
Aurobindo Pharma Limited
Bachem Holding AG
Biocon Limited
BioGaia AB
Biogen Inc.
Biotage AB
Bio-Techne Corporation
Biotest Aktiengesellschaft
Boiron SA
Boryung Pharmaceutical Co
Bristol-Myers Squibb Comp
Bruker Corporation
BTG plc
Bukwang Pharmaceutical Co
Cadila Healthcare Limited
Cambrex Corporation
Caplin Point Laboratories
Celgene Corporation
Cell Biotech Co., Ltd.
Celltrion Pharm Inc.
Celltrion, Inc.
Center Laboratories, Inc.
Charles River Laboratorie
China Medical System Hold
China Shineway Pharmaceut

China Traditional Chinese
Chugai Pharmaceutical Co.
Cipla Limited
CMIC HOLDINGS Co., Ltd.
Cosmo Pharmaceuticals N.V
CSL Limited
CSPC Pharmaceutical Group
DAE HWA Pharmaceutical Co
Daewon Pharmaceutical Co.
Daewoong Co., Ltd.
Daewoong Pharmaceutical C
Daiichi Sankyo Company, L
Dawnrays Pharmaceutical (
Dechra Pharmaceuticals pl
Divi's Laboratories Limit
Dongkook Pharmaceutical C
Dr. Reddy's Laboratories
Eisai Co., Ltd.
Eli Lilly and Company
Emergent BioSolutions Inc
Enanta Pharmaceuticals, I
EPS Holdings, Inc.
Eurofins Scientific SE
Evotec AG
Faes Farma, S.A.
FDC Limited
Fuji Pharma Co., Ltd.
Gilead Sciences, Inc.
GlaxoSmithKline plc
Glenmark Pharmaceuticals
Granules India Limited
Green Cross Corporation
Green Cross Holdings Corp
Grifols, S.A.
Handok Inc.
Hanmi Pharm. Co., Ltd.
Hanmi Science Co., Ltd.
Hisamitsu Pharmaceutical
Hypera S.A.
Illumina, Inc.
Ilyang Pharmaceutical Co.
Ipca Laboratories Limited
Ipsen S.A.
JCR Pharmaceuticals Co.,
Jubilant Life Sciences Li
JW Holdings Corporation
Kaken Pharmaceutical Co.,
Kissei Pharmaceutical Co.
Kolon Life Science Inc.
Korea United Pharm Inc.
Kwang Dong Pharmaceutical
KYORIN Holdings, Inc.
Kyowa HAKKO Kirin Co., Lt
Lannett Company, Inc.
Ligand Pharmaceuticals In
Linical Co., Ltd.
Luminex Corporation
Lupin Limited
Marksans Pharma Limited
Mayne Pharma Group Limite
Medy-Tox Inc.

Merck & Co., Inc.
Merck Kommanditgesellschaft
Mettler-Toledo Internatio
MiMedx Group, Inc.
Mitsubishi Tanabe Pharma
Mochida Pharmaceutical Co
Myriad Genetics, Inc.
NATCO Pharma Limited
Nichi-Iko Pharmaceutical
Nippon Shinyaku Co., Ltd.
Novartis AG
Novo Nordisk A/S
Ono Pharmaceutical Co., L
Orion Oyj
Pfizer Inc.
Pfizer Limited
Prestige Brands Holdings,
Probi AB (publ)
PT Kalbe Farma Tbk.
Recordati Industria Chimi
Regeneron Pharmaceuticals
Repligen Corporation
REYON Pharmaceutical Co.,
Richter Gedeon Vegyészeti
Roche Holding AG
Rohto Pharmaceutical Co.,
Samjin Pharmaceuticals Co
Sanofi
Sanofi India Limited
Santen Pharmaceutical Co.
Sartorius Stedim Biotech
Sawai Pharmaceutical Co.,
ScinoPharm Taiwan, Ltd.
Seegene, Inc.
Seikagaku Corporation
Shilpa Medicare Limited
Shionogi & Co., Ltd.
Shire plc
Siegfried Holding AG
Sino Biopharmaceutical Li
Sirtex Medical Limited
SSY Group Limited
STADA Arzneimittel Aktien
Stallergenes Greer Plc
Strides Pharma Science Li
Sumitomo Dainippon Pharma
Sun Pharmaceutical Indust
Supernus Pharmaceuticals,
Suven Life Sciences Limit
Swedish Orphan Biovitrum
Taisho Pharmaceutical Hol
Takara Bio Inc.
Takeda Pharmaceutical Com
Tecan Group Ltd.
The Searle Company Limite
The United Laboratories I
Tianjin Zhong Xin Pharmac
Tong Ren Tang Technologie
Torii Pharmaceutical Co.,
Towa Pharmaceutical Co.,
Tsumura & Co.

TTY Biopharm Company Limi
UCB SA
Unichem Laboratories Limi
United Therapeutics Corpo
Vifor Pharma AG
Virbac SA
Vitrolife AB (publ)
Waters Corporation
Whan In Pharm Co.,Ltd.
Wockhardt Limited
Yuhan Corporation
Yungjin Pharm. Co., Ltd.
YungShin Global Holding C
Zeria Pharmaceutical Co.,
Zoetis Inc.

GICS 352010

AbbVie Inc.
Abcam Plc
Alexion Pharmaceuticals,
Amgen Inc.
BioGaia AB
Biogen Inc.
Biotest Aktiengesellschaft
Celgene Corporation
Cell Biotech Co., Ltd.
Celltrion, Inc.
CSL Limited
Emergent BioSolutions Inc
Enanta Pharmaceuticals, I
Gilead Sciences, Inc.
Green Cross Corporation
Green Cross Holdings Corp
Grifols, S.A.
Ligand Pharmaceuticals In
Medy-Tox Inc.
MiMedx Group, Inc.
Myriad Genetics, Inc.
Probi AB (publ)
Regeneron Pharmaceuticals
Repligen Corporation
Seegene, Inc.
Shire plc
Sirtex Medical Limited
Swedish Orphan Biovitrum
Takara Bio Inc.
United Therapeutics Corpo
Vitrolife AB (publ)

GICS 352020

Adcock Ingram Holdings Li
Ajanta Pharma Limited
Akorn, Inc.
Alembic Pharmaceuticals L
ALK-Abelló A/S
Almirall, S.A.
ASKA Pharmaceutical Co.,
Aspen Pharmacare Holdings
Astellas Pharma Inc.
AstraZeneca PLC
Aurobindo Pharma Limited

Boiron SA
Boryung Pharmaceutical Co
Bristol-Myers Squibb Comp
BTG plc
Bukwang Pharmaceutical Co
Cadila Healthcare Limited
Caplin Point Laboratories
Celltrion Pharm Inc.
Center Laboratories, Inc.
China Medical System Hold
China Shineway Pharmaceut
China Traditional Chinese
Chugai Pharmaceutical Co.
Cipla Limited
Cosmo Pharmaceuticals N.V
CSPC Pharmaceutical Group
DAE HWA Pharmaceutical Co
Daewon Pharmaceutical Co.
Daewoong Co., Ltd.
Daewoong Pharmaceutical C
Daiichi Sankyo Company, L
Dawnrays Pharmaceutical (
Dechra Pharmaceuticals pl
Dongkook Pharmaceutical C
Dr. Reddy's Laboratories
Eisai Co., Ltd.
Eli Lilly and Company
Faes Farma, S.A.
FDC Limited
Fuji Pharma Co., Ltd.
GlaxoSmithKline plc
Glenmark Pharmaceuticals
Granules India Limited
Handok Inc.
Hanmi Pharm. Co., Ltd.
Hanmi Science Co., Ltd.
Hisamitsu Pharmaceutical
Hypera S.A.
Ilyang Pharmaceutical Co.
Ipca Laboratories Limited
Ipsen S.A.
JCR Pharmaceuticals Co.,
Jubilant Life Sciences Li
JW Holdings Corporation
Kaken Pharmaceutical Co.,
Kissei Pharmaceutical Co.
Kolon Life Science Inc.
Korea United Pharm Inc.
Kwang Dong Pharmaceutical
KYORIN Holdings, Inc.
Kyowa Hakko Kirin Co., Lt
Lannett Company, Inc.
Lupin Limited
Marksans Pharma Limited
Mayne Pharma Group Limite
Merck & Co., Inc.
Merck Kommanditgesellscha
Mitsubishi Tanabe Pharma
Mochida Pharmaceutical Co
NATCO Pharma Limited
Nichi-Iko Pharmaceutical

Nippon Shinyaku Co., Ltd.
Novartis AG
Novo Nordisk A/S
Ono Pharmaceutical Co., L
Orion Oyj
Pfizer Inc.
Pfizer Limited
Prestige Brands Holdings,
PT Kalbe Farma Tbk.
Recordati Industria Chimi
REYON Pharmaceutical Co.,
Richter Gedeon Vegyészeti
Roche Holding AG
Rohto Pharmaceutical Co.,
Samjin Pharmaceuticals Co
Sanofi
Sanofi India Limited
Santen Pharmaceutical Co.
Sawai Pharmaceutical Co.,
ScinoPharm Taiwan, Ltd.
Seikagaku Corporation
Shilpa Medicare Limited
Shionogi & Co., Ltd.
Sino Biopharmaceutical Li
SSY Group Limited
STADA Arzneimittel Aktien
Stallergenes Greer Plc
Strides Pharma Science Li
Sumitomo Dainippon Pharma
Sun Pharmaceutical Indust
Supernus Pharmaceuticals,
Suven Life Sciences Limit
Taisho Pharmaceutical Hol
Takeda Pharmaceutical Com
The Searle Company Limite
The United Laboratories I
Tianjin Zhong Xin Pharmac
Tong Ren Tang Technologie
Torii Pharmaceutical Co.,
Towa Pharmaceutical Co.,
Tsumura & Co.
TTY Biopharm Company Limi
UCB SA
Unichem Laboratories Limi
Vifor Pharma AG
Virbac SA
Whan In Pharm Co.,Ltd.
Wockhardt Limited
Yuhan Corporation
Yungjin Pharm. Co., Ltd.
YungShin Global Holding C
Zeria Pharmaceutical Co.,
Zoetis Inc.

GICS 352030

Agilent Technologies, Inc
Bachem Holding AG
Biotage AB
Bio-Techne Corporation
Bruker Corporation
Cambrex Corporation

Charles River Laboratorie
Divi's Laboratories Limit
EPS Holdings, Inc.
Eurofins Scientific SE
Evotec AG
Illumina, Inc.
Linal Co., Ltd.
Luminex Corporation
Mettler-Toledo Internatio
Sartorius Stedim Biotech
Siegfried Holding AG
Tecan Group Ltd.
Waters Corporation

Cathay General Bancorp
Central Pacific Financial
Chang Hwa Commercial Bank
China CITIC Bank Corporat
China Construction Bank C
China Merchants Bank Co.,
City Holding Company
Columbia Banking System,
comdirect bank Aktiengese
Commercial International
Commonwealth Bank of Aust
Credicorp Ltd.
Crédit Agricole S.A.
Credito Emiliano S.p.A.
CTBC Financial Holding Co
Cullen/Frost Bankers, Inc
CVB Financial Corp.
Dah Sing Banking Group Li
Dah Sing Financial Holdin
DCB Bank Limited
Doha Bank Q.P.S.C.
East West Banking Corpora
F.N.B. Corporation
Far Eastern International
First Abu Dhabi Bank P.J.
First Commonwealth Financ
First Financial Bancorp.
First Financial Bankshare
First Horizon National Co
First International Bank
First Midwest Bancorp, In
Fukuoka Financial Group,
Fulton Financial Corporat
Getin Noble Bank S.A.
Glacier Bancorp, Inc.
Grupo Aval Acciones Y Val
Grupo Financiero Banorte,
Grupo Financiero Interacc
Hana Financial Group Inc.
Hancock Whitney Corporati
Hang Seng Bank Limited
Hanmi Financial Corporati
Hokuhoku Financial Group,
Home Bancshares, Inc. (Co
Hong Leong Bank Berhad
Hong Leong Financial Grou
Hope Bancorp, Inc.
Hua Nan Financial Holding
Huntington Bancshares Inc
Independent Bank Corp.
Independent Bank Corporat
Industrial & Commercial B
Industrial Bank of Korea
ING Groep N.V.
International Bancshares
Israel Discount Bank Limi
Itaú CorpBanca
Itaúsa - Investimentos It
Jimoto Holdings, Inc.
Jyske Bank A/S
Kansai Urban Banking Corp

Kasikornbank Public Compa
KBC Group NV
Kiatnakin Bank Public Com
Komerční banka, a.s.
Krung Thai Bank Public Co
Kyushu Financial Group, I
Lakeland Bancorp, Inc.
Laurentian Bank of Canada
LegacyTexas Financial Gro
Lloyds Banking Group plc
Malayan Banking Berhad
mBank S.A.
Mizrahi Tefahot Bank Ltd.
Mizuho Filialno Group, I
National Australia Bank L
National Bank of Canada
National Bank of Pakistan
NBT Bancorp Inc.
North Pacific Bank, Ltd.
OFG Bancorp
Old National Bancorp
OTP Bank Plc.
PacWest Bancorp
Park National Corporation
People's United Financial
Pinnacle Financial Partne
Powszechna Kasa Oszczedno
Prosperity Bancshares, In
PT Bank Bukopin Tbk
PT Bank Central Asia Tbk
PT Bank Mandiri (Persero)
PT Bank Negara Indonesia
PT Bank Pembangunan Daera
PT Bank Pembangunan Daera
PT Bank Tabungan Negara (Public Bank Berhad
Qatar Islamic Bank (Q.P.S
Qatar National Bank (Q.P.
Raiffeisen Bank Internati
Regional S.A.B. de C.V.
Regions Financial Corpora
Resona Holdings, Inc.
RHB Bank Berhad
Royal Bank of Canada
S&T Bancorp, Inc.
Sberbank of Russia
Senshu Ikeda Holdings, In
Seven Bank, Ltd.
Signature Bank
Simmons First National Co
Spar Nord Bank A/S
SpareBank 1 Nord-Norge
St. Galler Kantonalbank A
Standard Chartered PLC
Sterling Bancorp
Sumitomo Mitsui Financial
Sumitomo Mitsui Trust Hol
SunTrust Banks, Inc.
Suruga Bank Ltd.
SVB Financial Group
Svenska Handelsbanken AB

GICS 401010

Abu Dhabi Commercial Bank
Agricultural Bank of Chin
Akbank T.A.S.
Albaraka Türk Katılım Ban
Alior Bank S.A.
Alliance Bank Malaysia Be
Aozora Bank, Ltd.
Associated Banc-Corp
Banco ABC Brasil S.A.
Banco Bilbao Vizcaya Arge
Banco Bradesco S.A.
Banco de Chile
Banco de Crédito e Invers
Banco de Sabadell, S.A.
Banco do Brasil S.A.
Banco do Estado do Rio Gr
Banco Santander (Brasil)
Banco Santander, S.A.
Banco Santander-Chile
Bancolumbia S.A.
BancorpSouth Bank
Bangkok Bank Public Compa
Bank Handlowy w Warszawie
Bank Hapoalim B.M.
Bank Leumi le- Israel B.M
Bank Millennium S.A.
Bank of Communications Co
Bank of Georgia Group PLC
Bank of Hawaii Corporatio
Bank of Kaohsiung Co., Lt
Bank of Montreal
Bank of Queensland Limite
Bank of The Ryukyus, Limi
Bank OZK
Bank Zachodni WBK S.A.
Banner Corporation
BB&T Corporation
BDO Unibank, Inc.
BNK Financial Group Inc.
BOC Hong Kong (Holdings)
BPER Banca S.p.A.
Brookline Bancorp, Inc.
CaixaBank, S.A.
Canadian Imperial Bank of
Canadian Western Bank
Capitec Bank Holdings Lim

Swedbank AB (publ)
 Sydbank A/S
 Synovus Financial Corp.
 Taichung Commercial Bank
 Taiwan Business Bank, Ltd
 Taiwan Cooperative Financ
 TCF Financial Corporation
 Texas Capital Bancshares,
 Thanachart Capital Public
 The 77 Bank, Ltd.
 The Aichi Bank, Ltd.
 The Akita Bank, Ltd.
 The Aomori Bank, Ltd.
 The Awa Bank, Limited
 The Bank of Iwate, Ltd.
 The Bank of Kyoto, Ltd.
 The Bank of Nova Scotia
 The Bank of Saga Ltd.
 The Chiba Bank, Ltd.
 The Chiba Kogyo Bank, Ltd
 The Chugoku Bank, Limited
 The Chukyo Bank, Limited
 The Commercial Bank (P.S.
 The Ehime Bank, Ltd.
 The Eighteenth Bank, Limi
 The Federal Bank Limited
 The Gunma Bank, Ltd.
 The Hachijuni Bank, Ltd.
 The Hiroshima Bank, Ltd.
 The Hokkoku Bank, Ltd.
 The Hokuetsu Bank,Ltd.
 The Hyakugo Bank, Ltd.
 The Hyakujushi Bank, Ltd.
 The Iyo Bank, Ltd.
 The Karur Vysya Bank Limi
 The Keiyo Bank, Ltd.
 The Kiyo Bank, Ltd.
 The Mie Bank, Ltd.
 The Miyazaki Bank, Ltd.
 The Musashino Bank, Ltd.
 The Nanto Bank, Ltd.
 The Oita Bank, Ltd.
 The PNC Financial Service
 The San-in Godo Bank,Ltd.
 The Shiga Bank, Ltd.
 The Shikoku Bank, Ltd.
 The Shizuoka Bank, Ltd.
 The Siam Commercial Bank
 The Tochigi Bank, Ltd.
 The Toho Bank, Ltd.
 The Toronto-Dominion Bank
 The Towa Bank, Ltd.
 The Tsukuba Bank, Limited
 The Yamagata Bank, Ltd.
 The Yamanashi Chuo Bank,
 TISCO Financial Group Pub
 Tokyo Kiraboshi Financial
 TOMONY Holdings, Inc.
 Trustmark Corporation
 Türkiye Garanti Bankasi A
 Türkiye Halk Bankasi A.S.

Türkiye Is Bankasi Anonim
 Türkiye Sinai Kalkinma Ba
 Türkiye Vakiflar Bankasi
 UMB Financial Corporation
 Umpqua Holdings Corporati
 United Bank Limited
 United Bankshares, Inc.
 United Community Banks, I
 Valiant Holding AG
 Vijaya Bank
 Webster Financial Corpora
 Westamerica Bancorporatio
 Westpac Banking Corporati
 Wintrust Financial Corpor
 Yamaguchi Financial Group
 Yapi ve Kredi Bankasi A.S
 Zions Bancorporation

GICS 401020

Aareal Bank AG
 Bofl Holding, Inc.
 Can Fin Homes Limited
 Dewan Housing Finance Cor
 Dime Community Bancshares
 Flagstar Bancorp, Inc.
 Genworth MI Canada Inc.
 GRUH Finance Limited
 Home Capital Group Inc.
 LendingTree, Inc.
 LIC Housing Finance Limit
 Malaysia Building Society
 MGIC Investment Corporati
 New York Community Bancor
 Northwest Bancshares, Inc
 Oritani Financial Corp.
 Provident Financial Servi
 Radian Group Inc.
 TrustCo Bank Corp NY
 Washington Federal, Inc.

GICS 402010

ABC Arbitrage SA
 Ackermans & Van Haaren NV
 Aktiebolaget Industrivärd
 Al Waha Capital PJSC
 AMP Limited
 Banca IFIS S.p.A.
 Chailease Holding Company
 Challenger Limited
 Corporación Financiera Co
 Element Fleet Management
 Eurazeo SE
 Exor N.V.
 Far East Horizon Limited
 Financial Products Group
 First Pacific Company Lim
 Fubon Financial Holding C
 Fuyo General Lease Co., L
 Grenke AG
 Groupe Bruxelles Lambert
 Grupo de Inversiones Sura

GT Capital Holdings, Inc.
 Haci Ömer Sabancı Holding
 Hankook Tire Worldwide Co
 Hypoport AG
 IBJ Leasing Company, Limi
 IDFC Limited
 IFCI Limited
 Inversiones La Construcci
 Investment AB Öresund (pu
 Investor AB
 Japan Securities Finance
 Meritz Financial Group In
 Metro Pacific Investments
 NEC Capital Solutions Lim
 NICE Holdings Co., Ltd.
 Pargesa Holding SA
 Power Finance Corporation
 PSG Group Limited
 Remgro Limited
 Ricoh Leasing Company, Lt
 RMB Holdings Limited
 Rural Electrification Cor
 Sofina Société Anonyme
 Srei Infrastructure Finan
 Standard Life Aberdeen pl
 TI Financial Holdings Lim
 Tokyo Century Corporation
 ZENKOKU HOSHO Co.,Ltd.

GICS 402020

Acom Co., Ltd.
 AEON Credit Service (M) B
 AEON Financial Service Co
 Aiful Corporation
 American Express Company
 Bajaj Finance Limited
 Capital One Financial Cor
 Chong Sing Holdings FinTe
 Credit Acceptance Corpora
 Credit Corp Group Limited
 Credit Saison Co.,Ltd.
 Discover Financial Servic
 Encore Capital Group, Inc
 EZCORP, Inc.
 FirstCash, Inc.
 FlexiGroup Limited
 Green Dot Corporation
 Group Lease Public Compan
 International Personal Fi
 JACCS Co., Ltd.
 KRUK Spółka Akcyjna
 Krungthai Card Public Com
 Mahindra & Mahindra Finan
 Manappuram Finance Limite
 Muthoot Finance Limited
 Orient Corporation
 PRA Group, Inc.
 Provident Financial plc
 Ratchthani Leasing Public
 Samsung Card Co., Ltd.
 Shriram Transport Finance

Sun Hung Kai & Co. Limite
World Acceptance Corporat

GICS 402030

3i Group plc
Affiliated Managers Group
AGF Management Limited
Alaris Royalty Corp.
Altamir SCA
Ashmore Group PLC
ASX Limited
Avanza Bank Holding AB (p
Azimut Holding S.p.A.
B3 S.A. - Brasil, Bolsa,
Banca Generali S.p.A.
BinckBank N.V.
BlackRock, Inc.
Blue Sky Alternative Inve
Bolsa Mexicana de Valores
Bolsas y Mercados Españ.,
Brewin Dolphin Holdings P
Bright Smart Securities &
Brookfield Asset Managem
Bure Equity AB
Burford Capital Limited
Bursa Malaysia Berhad
Capital Securities Corpor
CARE Ratings Limited
Cboe Global Markets, Inc.
China Everbright Limited
China LNG Group Limited
China Tonghai Internation
CI Financial Corp
CME Group Inc.
Coronation Fund Managers
CRISIL Limited
Daou Data Corp.
Daou Tech, Inc.
Deutsche Beteiligungs AG
Deutsche Börse Aktiengese
E*TRADE Financial Corpora
Eaton Vance Corp.
Edelweiss Financial Servi
EFG Hermes Holding S.A.E.
Evercore Inc.
FactSet Research Systems
Federated Investors, Inc.
Financial Engines, Inc.
Franklin Resources, Inc.
GAM Holding AG
GF Securities Co., Ltd.
GIMV NV
Greenhill & Co., Inc.
Guotai Junan Internationa
Haitong International Sec
Haitong Securities Co., L
Hargreaves Lansdown plc
Hellenic Exchanges
Hong Kong Exchanges and C
Huatai Securities Co., Lt
Ichiyoshi Securities Co.,

IG Group Holdings plc
IGM Financial Inc.
IIFL Holdings Limited
Interactive Brokers Group
Intercontinental Exchange
Intermediate Capital Grou
INTL FCStone Inc.
Invesco Ltd.
Investec Limited
IOOF Holdings Ltd
JAFCO Co., Ltd.
Japan Exchange Group, Inc
JM Financial Limited
JSE Limited
Julius Baer Group Ltd.
Jupiter Fund Management P
kabu.com Securities Co.,
Kingston Financial Group
Kiwoom Securities Co., Lt
Korea Investment Holdings
Kyobo Securities Co., Lt
Kyokuto Securities Co., L
Legg Mason, Inc.
Leonteq AG
Macquarie Group Limited
Magellan Financial Group
MarketAxess Holdings Inc.
Marusan Securities Co., L
MasterLink Securities Cor
Matsui Securities Co., Lt
Meritz Securities Co., Lt
Monex Group, Inc.
Morgan Stanley
Morningstar, Inc.
Motilal Oswal Financial S
MSCI Inc.
Multi Commodity Exchange
Nasdaq, Inc.
Natixis S.A.
NEX Group plc
NH Investment & Securitie
Nomura Holdings, Inc.
Northern Trust Corporatio
Okasan Securities Group I
OP Financial Limited
Partners Group Holding AG
Pental Group Limited
Peregrine Holdings Limite
Perpetual Limited
Pioneers Holding Co.
Piper Jaffray Companies
Platinum Investment Manag
President Securities Corp
PTC India Financial Servi
Rathbone Brothers Plc
Raymond James Financial,
S&P Global Inc.
Samsung Securities Co.,Lt
SBI Holdings, Inc.
Schroders plc
Shinyoung Securities Co.,

Singapore Exchange Limite
Sociedad de Inversiones O
SPARX Group Co., Ltd
St. James's Place plc
State Street Corporation
Stifel Financial Corp.
Swissquote Group Holding
T. Rowe Price Group, Inc.
Tamburi Investment Partne
Tata Investment Corporati
TD Ameritrade Holding Cor
The Bank of New York Mell
The Charles Schwab Corpor
The Goldman Sachs Group,
Thomson Reuters Corporati
TMX Group Limited
Tokai Tokyo Financial Hol
Value Partners Group Limi
Virtus Investment Partner
Vontobel Holding AG
VZ Holding AG
Waddell & Reed Financial,
WisdomTree Investments, I
Zeder Investments Ltd.

GICS 402040

AGNC Investment Corp.
Apollo Comm. Real Estate
Capstead Mortgage Corpora
Exantas Capital Corp.
Invesco Mortgage Capital
New York Mortgage Trust,
PennyMac Mortgage Investm

GICS 403010

Admiral Group plc
Aegon N.V.
Aflac Incorporated
ageas SA/NV
AIA Group Limited
Alleghany Corporation
Allianz SE
Alm. Brand A/S
American Equity Investmen
American Financial Group,
American International Gr
American National Insuran
Amisafe, Inc.
Anadolu Anonim Türk Sigor
Anadolu Hayat Emeklilik A
Anicom Holdings, Inc.
Arthur J. Gallagher & Co.
Aspen Insurance Holdings
Assicurazioni Generali S.
Assurant, Inc.
Aviva plc
AXA SA
Bâloise Holding AG
Beazley plc
Brown & Brown, Inc.
Cathay Financial Holding

China Life Insurance Co.,
 China Life Insurance Comp
 China Pacific Insurance (C
 China Taiping Insurance H
 Chubb Limited
 Cincinnati Financial Corp
 Clal Insurance Enterprise
 CNO Financial Group, Inc.
 CNP Assurances SA
 Crawford & Company
 Dai-ichi Life Holdings, I
 Direct Line Insurance Gro
 Employers Holdings, Inc.
 Erie Indemnity Company
 esure Group plc
 Everest Re Group, Ltd.
 Fairfax Financial Holding
 Fidelity National Financi
 First American Financial
 Genworth Financial, Inc.
 Gjensidige Forsikring ASA
 Great-West Lifeco Inc.
 Grupo Catalana Occidente,
 Hannover Rück SE
 Hanwha General Insurance
 Hanwha Life Insurance Co.
 Harel Insurance Investmen
 HCI Group, Inc.
 Helvetia Holding AG
 Hiscox Ltd
 Horace Mann Educators Cor
 Industrial Alliance Insur
 Infinity Property and Cas
 Insurance Australia Group
 Intact Financial Corporat
 Kemper Corporation
 Lancashire Holdings Limit
 Legal & General Group Plc
 Liberty Holdings Limited
 Lincoln National Corporat
 Lotte Non - Life Insuranc
 Maiden Holdings, Ltd.
 Manulife Financial Corpor
 Mapfre, S.A.
 Max Financial Services Li
 Menora Mivtachim Holdings
 Mercuries & Associates Ho
 Mercuries Life Insurance
 Mercury General Corporati
 Meritz Fire & Marine Insu
 MetLife, Inc.
 Migdal Insurance and Fina
 MMI Holdings Limited
 MS&AD Insurance Group Hol
 Münchener Rückversicherun
 Old Republic Internationa
 Phoenix Group Holdings
 PICC Property and Casuall
 Porto Seguro S.A.
 Power Corporation of Cana
 Power Financial Corporati

Powszechny Zakład Ubezpie
 Principal Financial Group
 ProAssurance Corporation
 Protector Forsikring ASA
 Prudential Financial, Inc
 Prudential plc
 PT Panin Financial Tbk
 Qatar Insurance Company S
 QBE Insurance Group Limit
 Rand Merchant Investment
 Reinsurance Group of Amer
 RenaissanceRe Holdings Lt
 RLI Corp.
 RSA Insurance Group plc
 Safety Insurance Group, I
 Sampo Oyj
 Samsung Fire & Marine Ins
 Samsung Life Insurance Co
 Sanlam Limited
 SCOR SE
 Selective Insurance Group
 Shin Kong Financial Holdi
 Shinkong Insurance Co., L
 Società Cattolica di Assi
 Sompco Holdings, Inc.
 Sony Financial Holdings I
 Stewart Information Servi
 Storebrand ASA
 Sun Life Financial Inc.
 Suncorp Group Limited
 Swiss Life Holding AG
 Swiss Re Ltd
 Syarikat Takaful Malaysia
 T&D Holdings, Inc.
 The Allstate Corporation
 The Hanover Insurance Gro
 The Hartford Financial Se
 The Navigators Group, Inc
 The People's Insurance Co
 The Progressive Corporati
 The Travelers Companies,
 Tokio Marine Holdings, In
 Tong Yang Life Insurance
 Topdanmark A/S
 Torchmark Corporation
 Tryg A/S
 Unipol Gruppo S.p.A.
 UnipolSai Assicurazioni S
 UNIQA Insurance Group AG
 United Fire Group, Inc.
 United Insurance Holdings
 Universal Insurance Holdi
 Unum Group
 Vienna Insurance Group AG
 Vittoria Assicurazioni S.
 W. R. Berkley Corporation
 Wüstenrot & Württembergis
 XL Group Ltd
 Zurich Insurance Group AG

GICS 45

Accton Technology Corpora
 ACI Worldwide, Inc.
 Activision Blizzard, Inc.
 Axiom Corporation
 ADATA Technology Co., Ltd
 ADDCN Technology Co., Ltd
 ADLINK Technology, Inc.
 Adobe Systems Incorporate
 ADTRAN, Inc.
 ADVA Optical Networking S
 Advanced Ceramic X Corpor
 Advanced Energy Industrie
 Advanced Wireless Semicon
 Advantech Co., Ltd.
 Advantest Corporation
 AhnLab, Inc.
 Ai Holdings Corporation
 Akamai Technologies, Inc.
 Alpha Networks Inc.
 Alphabet Inc.
 Alps Electric Co., Ltd.
 ALSO Holding AG
 Alten SA
 Altium Limited
 Altran Technologies S.A.
 Amadeus IT Group, S.A.
 Amano Corporation
 Amkor Technology, Inc.
 Amphenol Corporation
 ams AG
 Analog Devices, Inc.
 Anritsu Corporation
 ANSYS, Inc.
 AOI Electronics Co., Ltd.
 Apple Inc.
 Applied Materials, Inc.
 Arcadyan Technology Corpo
 Ardentec Corporation
 Arrow Electronics, Inc.
 ASE Technology Holding Co
 Asia Vital Components Co.
 ASM International NV
 ASM Pacific Technology Li
 ASMedia Technology Inc.
 ASML Holding N.V.
 ASPEED Technology Inc.
 Asseco Poland S.A.
 AT & S Aktiengesellschaft
 Atea ASA
 Ateam Inc.
 Aten International CO., L
 AU Optronics Corp.
 Aubay Société Anonyme
 Automatic Data Processing
 AVEVA Group plc
 Avigilon Corporation
 Avnet, Inc.
 AVX Corporation
 Axcelis Technologies, Inc
 Axway Software SA

Azbil Corporation
 Badger Meter, Inc.
 Barco NV
 Basler Aktiengesellschaft
 BE Semiconductor Industri
 Beijing Beida Jade Bird U
 Belden Inc.
 Benchmark Electronics, In
 BH Co., Ltd.
 Blackbaud, Inc.
 Blucora, Inc.
 BOE Varitronix Limited
 Broadcom Inc.
 Broadleaf Co., Ltd.
 Broadridge Financial Solu
 Brogent Technologies Inc.
 Brooks Automation, Inc.
 BYD Electronic (Internati
 CA, Inc.
 Cabot Microelectronics Co
 CACI International Inc
 Cadence Design Systems, I
 CalAmp Corp.
 Cal-Comp Electronics (Tha
 Cancom SE
 Canon Electronics Inc.
 Capcom Co., Ltd.
 Capgemini SE
 carsales.com Ltd
 Casetek Holdings Limited
 Cass Information Systems,
 Catcher Technology Co., L
 CD Projekt S.A.
 Celestica Inc.
 CEVA, Inc.
 CGI Group Inc.
 Chaun-Choung Technology C
 Check Point Software Tech
 Cheng Uei Precision Indus
 Chicony Electronics Co.,
 Chilisin Electronics Corp
 Chimei Materials Technolo
 Chin Poon Industrial Co.,
 China All Access (Holding
 China Electronics Huada T
 Chinasoft International L
 Chipbond Technology Corpo
 Chroma ATE Inc.
 Cielo S.A.
 Cirrus Logic, Inc.
 Cisco Systems, Inc.
 Citrix Systems, Inc.
 Clevo Co.
 Cognex Corporation
 Cognizant Technology Solu
 Coherent, Inc.
 Cohu, Inc.
 COLOPL, Inc.
 Com2uS Corporation
 Comba Telecom Systems Hol
 Comet Holding AG

Commvault Systems, Inc.
 Compal Electronics, Inc.
 Compeq Manufacturing Co.,
 Comtech Telecommunication
 Concraft Holding Co., Ltd
 Conexio Corporation
 Constellation Software In
 Convergys Corporation
 Coretronic Corp.
 Corning Incorporated
 Co-Tech Development Corpo
 Cray Inc.
 Cree, Inc.
 CROOZ, Inc.
 CSG Systems International
 CTS Corporation
 Daeduck Electronics Co.,
 Daeduck GDS Co.,Ltd.
 Daiwabo Holdings Co., Ltd
 Daktronics, Inc.
 Dassault Systèmes SE
 Datalogic S.p.A.
 Datasonic Group Berhad
 Datatec Limited
 DB HiTek Co.,Ltd.
 Delta Electronics (Thaila
 Delta Electronics, Inc.
 DeNA Co., Ltd.
 Denki Kogyo Co.,Ltd.
 Devoteam SA
 Dialog Semiconductor Plc
 Diebold Nixdorf Aktienges
 Digital Arts, Inc.
 Digital China Holdings Li
 Digital Hearts Holdings C
 Diodes Incorporated
 DIP Corporation
 Disco Corporation
 Dolby Laboratories, Inc.
 Douzone Bizon Co., Ltd.
 DST Systems, Inc.
 DTS Corporation
 DXC Technology Company
 eBay Inc.
 Ebix, Inc.
 EchoStar Corporation
 eClerx Services Limited
 Econocom Group SE
 EIZO Corporation
 ELAN Microelectronics Cor
 Elecom Co., Ltd.
 Electrocomponents plc
 Electronic Arts Inc.
 Electronics for Imaging,
 Elematec Corporation
 Elite Advanced Laser Corp
 Elite Material Co., Ltd.
 Elite Semiconductor Memor
 Elitegroup Computer Syste
 ELMOS Semiconductor AG
 Enghouse Systems Limited

Ennoconn Corporation
 EO Technics Co., Ltd.
 EOH Holdings Limited
 ePlus inc.
 Eugene Technology Co.,Ltd
 Everlight Electronics Co.
 EVS Broadcast Equipment S
 F@N Communications, Inc.
 F5 Networks, Inc.
 Fabrinet
 Facebook, Inc.
 Fair Isaac Corporation
 Faraday Technology Corpor
 FARO Technologies, Inc.
 Fidelity National Informa
 Fingerprint Cards AB (pub
 Finisar Corporation
 Firich Enterprises Co., L
 First Solar, Inc.
 Fiserv, Inc.
 Flex Ltd.
 Flexium Interconnect, Inc
 FLIR Systems, Inc.
 Flytech Technology Co., L
 FocalTech Systems Co., Lt
 Formosa Advanced Technolo
 Formula Systems (1985) Lt
 Fortinet, Inc.
 Foxconn Technology Co., L
 Foxsemicon Integrated Tec
 Fuji Soft Incorporated
 Fujitsu Limited
 Fukui Computer Holdings,I
 Future Corporation
 GAMEVIL Inc.
 GB Group plc
 Getac Technology Corporat
 GFT Technologies SE
 Giga Solar Materials Corp
 Gigabyte Technology Co.,L
 Global Payments Inc.
 Global UniChip Corp.
 Globetronics Technology B
 GMO Internet, Inc.
 Greatek Electronics Inc.
 Gree, Inc.
 GungHo Online Entertainme
 Gurunavi, Inc.
 Halma plc
 Hamamatsu Photonics K.K.
 Hana Microelectronics Pub
 Hancom Inc.
 HANMI Semiconductor Co.,
 HannStar Display Corporat
 Hansen Technologies Ltd
 HC Group Inc.
 Hexagon AB (publ)
 Hexaware Technologies Lim
 Hirose Electric Co.,Ltd.
 Hitachi High-Technologies
 Hitachi, Ltd.

Hochiki Corporation
 Holtek Semiconductor Inc.
 Holy Stone Enterprise Com
 Hon Hai Precision Industr
 HORIBA, Ltd.
 Hosiden Corporation
 IAC/InterActiveCorp
 Icom Incorporated
 IEI Integration Corp.
 II-VI Incorporated
 Inari Amertron Berhad
 INES Corporation
 INFICON Holding AG
 Infineon Technologies AG
 Info Edge (India) Limited
 Infocom Corporation
 Infomart Corporation
 Information Services Inte
 Infosys Limited
 Ingenico Group - GCS
 Innolux Corporation
 Insight Enterprises, Inc.
 Integrated Device Technol
 Intel Corporation
 InterDigital, Inc.
 International Business Ma
 Internet Initiative Japan
 Intuit Inc.
 Inventec Corporation
 iomart Group plc
 IPG Photonics Corporation
 IRESS Limited
 Iriso Electronics Co., Lt
 Isra Vision AG
 istyle Inc.
 ITEQ Corporation
 ITOCHU Techno-Solutions C
 Itron, Inc.
 j2 Global, Inc.
 Jabil Inc.
 Jack Henry & Associates,
 Japan Aviation Electronic
 Japan Cash Machine Co., L
 JAPAN MATERIAL Co., Ltd.
 Jenoptik AG
 Ju Teng International Hol
 Juniper Networks, Inc.
 JustSystems Corporation
 Kaga Electronics Co.,Ltd.
 Kakaku.com, Inc.
 Kakao Corp.
 Kanematsu Electronics Ltd
 Kapsch TrafficCom AG
 KCE Electronics Public Co
 KEMET Corporation
 Keyence Corporation
 Kginicis Co.,Ltd
 King Yuan ELECTRONICS CO.
 Kingboard Laminates Holdi
 Kingdee International Sof
 Kingpak Technology Inc.

Kingsoft Corporation Limi
 Kinsus Interconnect Techn
 KLA-Tencor Corporation
 KOA Corporation
 Koei Tecmo Holdings Co.,
 Koh Young Technology Inc.
 Korea Information & Commu
 KPIT Technologies Limited
 KPS AG
 Kudelski SA
 Kulicke and Soffa Industr
 Kyocera Corporation
 L&F Co., Ltd.
 Laird PLC
 Lam Research Corporation
 Largan Precision Co., Ltd
 Lasertec Corporation
 LEENO Industrial Inc.
 Leidos Holdings, Inc.
 LEM Holding SA
 Lenovo Group Limited
 Lextar Electronics Corpor
 LG Display Co., Ltd.
 LG Innotek Co., Ltd.
 Linx S.A.
 Lite-On Semiconductor Cor
 Lite-On Technology Corpor
 Littelfuse, Inc.
 Logitech International S.
 LogMeln, Inc.
 LOTES Co., Ltd.
 Macnica Fuji Electronics
 Malaysian Pacific Industr
 Manhattan Associates, Inc
 ManTech International Cor
 Maruwa Co., Ltd.
 Marvell Technology Group
 Marvelous Inc.
 Matrix IT Ltd.
 Maxim Integrated Products
 MAXIMUS, Inc.
 MCJ Co., Ltd.
 MediaTek Inc.
 MegaChips Corporation
 Melco Holdings Inc.
 Melexis NV
 MercadoLibre, Inc.
 Merry Electronics Co., Lt
 Methode Electronics, Inc.
 Microchip Technology Inco
 Micron Technology, Inc.
 Micronics Japan Co.,Ltd.
 Microsemi Corporation
 Microsoft Corporation
 Micro-Star International
 MicroStrategy Incorporate
 Mimasu Semiconductor Indu
 Mindtree Limited
 Miroku Jyoho Service Co.,
 Mitsui High-tec, Inc.
 mixi, Inc.

MKS Instruments, Inc.
 Moneysupermarket.com Grou
 Monolithic Power Systems,
 Monotype Imaging Holdings
 Mphasis Limited
 MTI Ltd.
 MTS Systems Corporation
 Murata Manufacturing Co.,
 My E.G. Services Berhad
 Mycronic AB (publ)
 Nanometrics Incorporated
 Nanya Technology Corporat
 National Instruments Corp
 NCC Group plc
 NCR Corporation
 NCSOFT Corporation
 NEC Corporation
 NEC Networks & System Int
 Nemetschek SE
 Neopost S.A.
 Net 1 UEPS Technologies,
 Net One Systems Co., Ltd.
 NetApp, Inc.
 NetEnt AB (publ)
 NETGEAR, Inc.
 NetScout Systems, Inc.
 NEXON Co., Ltd.
 Nexon GT Co., Ltd.
 NHN KCP Corp.
 NIC Inc.
 NICE Ltd.
 Nihon Unisys, Ltd.
 NIIT Technologies Limited
 Nintendo Co., Ltd.
 Nippon Ceramic Co., Ltd.
 Nippon Electric Glass Co.
 Nohmi Bosai Ltd.
 Nomura Research Institute
 Nordic Semiconductor ASA
 Nova Measuring Instrument
 Novatek Microelectronics
 NS Solutions Corporation
 NSD Co., Ltd.
 NTT Data Corporation
 NuFlare Technology, Inc.
 Nuvoton Technology Corpor
 NVIDIA Corporation
 OBIC Business Consultants
 OBIC Co., Ltd.
 Oki Electric Industry Co.
 ON Semiconductor Corporat
 On-Bright Electronics Inc
 OneSpan Inc.
 O-Net Technologies (Group
 Open Text Corporation
 OPTEX Group Co., Ltd.
 Oracle Corporation
 Oracle Corporation Japan
 Orbotech Ltd.
 Osaki Electric Co., Ltd.
 OSI Systems, Inc.

Otsuka Corporation
Pan-International Industr
Parade Technologies, Ltd.
Partron Co., Ltd.
PAX Global Technology Lim
Paychex, Inc.
PC Connection, Inc.
PChome Online Inc.
PDF Solutions, Inc.
Pegasystems Inc.
Pegatron Corporation
Perficient, Inc.
Persistent Systems Limite
Phison Electronics Corp.
Photronics, Inc.
PixArt Imaging Inc.
Plantronics, Inc.
Plexus Corp.
Posco ICT Company Ltd.
Posiflex Technology, Inc.
Power Integrations, Inc.
Powertech Technology Inc.
Progress Software Corpora
PSK Inc.
PTC Inc.
Qisda Corporation
Qorvo, Inc.
QUALCOMM Incorporated
Qualys, Inc.
Quanta Computer Inc.
Radiant Opto-Electronics
Rambus Inc.
REA Group Limited
Realtek Semiconductor Cor
Red Hat, Inc.
Redington (India) Limited
Renesas Electronics Corpo
Renishaw plc
Reply S.p.A.
RIB Software SE
Ricoh Company, Ltd.
Riken Keiki Co., Ltd.
Riso Kagaku Corporation
ROHM Co., Ltd.
Roland DG Corporation
Rudolph Technologies, Inc
Ryosan Company, Limited
Ryoyo Electro Corporation
S&T AG
Samsung Electro-Mechanics
Samsung Electronics Co.,
Sangsan Co., Ltd.
Sanken Electric Co., Ltd.
Sanmina Corporation
SAP SE
Sapiens International Cor
ScanSource, Inc.
SCREEN Holdings Co., Ltd.
SCSK Corporation
SDI Corporation
Seiko Epson Corporation

Semiconductor Manufacturi
Semtech Corporation
Seoul Semiconductor Co.,
Sercomm Corporation
Shanghai Baosight Softwar
Shanghai Fudan Microelect
Shindengen Electric Manuf
Shinko Electric Industrie
Shutterstock, Inc.
Sigurd Microelectronics C
SIIX Corporation
Silicon Laboratories Inc.
Silicon Works Co., Ltd.
Siliconware Precision Ind
Silverlake Axis Ltd
SimCorp A/S
Simplo Technology Co.Ltd.
SINA Corporation
SINBON Electronics Co., L
Sindoh Co.,Ltd.
Sitronix Technology Corpo
SK hynix, Inc.
Skyworks Solutions, Inc.
Smart Metering Systems Pl
SMS Co., Ltd.
Software Aktiengesellscha
Soft-World International
Sonda S.A.
Sopra Steria Group
Spectris plc
SPS Commerce, Inc.
Square Enix Holdings Co.,
Stamps.com Inc.
Starbreeze AB (publ)
Sterlite Technologies Lim
Sumco Corporation
SUNeVision Holdings Ltd.
Sunny Optical Technology
Supreme Electronics Co.,
SVI Public Company Limite
Sykes Enterprises, Incorp
Synaptics Incorporated
Synchronoss Technologies,
SYNNEX Corporation
Synnex Technology Interna
Synopsys, Inc.
Systema Corporation
Systex Corporation
Taiwan Pcb Techvest Co.,
Taiwan Semiconductor Co.,
Taiwan Surface Mounting T
Taiwan Union Technology C
Taiyo Yuden Co., Ltd.
Take-Two Interactive Soft
Tata Consultancy Services
Tata Elxsi Limited
TE Connectivity Ltd.
Tech Data Corporation
Tech Mahindra Limited
Technology One Limited
Telefonaktiebolaget LM Er

Temenos AG
Tencent Holdings Limited
Teradata Corporation
Teradyne, Inc.
TES Co., Ltd
Test Research, Inc.
Texas Instruments Incorpo
The Descartes Systems Gro
The Hackett Group, Inc.
The Sage Group plc
The Ultimate Software Gro
Thinking Electronic Indus
Tieto Oyj
TIS Inc.
TiVo Corporation
TKC Corporation
TOKAI CARBON KOREA Co., L
Tokyo Electron Limited
Tokyo Seimitsu Co., Ltd.
Tong Hsing Electronic Ind
Tongda Group Holdings Lim
TOPCO Scientific Co., Ltd
Topcon Corporation
Toptec Co., Ltd.
Total System Services, In
TOTVS S.A.
Tower Semiconductor Ltd.
TPK Holding Co., Ltd.
Transcend Information, In
TravelSky Technology Limi
Trend Micro Incorporated
Trimble Inc.
Tripod Technology Corpora
Truly International Holdi
TSC Auto ID Technology Co
TTEC Holdings, Inc.
TXC Corporation
Tyler Technologies, Inc.
u-blox Holding AG
Ultra Clean Holdings, Inc
Unimicron Technology Corp
Unisem (M) Berhad
United Internet AG
United Microelectronics C
UNITED, Inc.
Universal Display Corpora
V Technology Co., Ltd.
V.S. Industry Berhad
Vakrangee Limited
Vanguard International Se
Venture Corporation Limit
Verint Systems Inc.
Viavi Solutions Inc.
Virtusa Corporation
Vishay Intertechnology, I
Visual Photonics Epitaxy
VMware, Inc.
VSTECS Holdings Limited
Vtech Holdings Limited
Wacom Co., Ltd.
Walsin Technology Corpora

Wasion Holdings Limited
Webzen Inc.
Western Digital Corporati
WIN Semiconductors Corp.
Winbond Electronics Corpo
Wipro Limited
Wistron Corporation
Wistron NeWeb Corporation
Wonik IPS Co., Ltd.
WPG Holdings Limited
WT Microelectronics Co.,
Xcerra Corporation
Xerox Corporation
Xilinx, Inc.
Xing SE
XO Group Inc.
Xperi Corporation
Yageo Corporation
Yahoo Japan Corporation
YASKAWA Electric Corporat
Yokogawa Electric Corpora
Zensar Technologies Limit
Zhen Ding Technology Hold
Zinwell Corporation
ZTE Corporation

CD Projekt S.A.
CGI Group Inc.
Check Point Software Tech
Chinasoft International L
Cielo S.A.
Citrix Systems, Inc.
Cognizant Technology Solu
COLOPL, Inc.
Com2uS Corporation
Commvault Systems, Inc.
Constellation Software In
Convergys Corporation
CROOZ, Inc.
CSG Systems International
Dassault Systèmes SE
Datasonic Group Berhad
DeNA Co., Ltd.
Devoteam SA
Digital Arts, Inc.
Digital China Holdings Li
Digital Hearts Holdings C
DIP Corporation
Douzone Bizon Co., Ltd.
DST Systems, Inc.
DTS Corporation
DXC Technology Company
eBay Inc.
Ebiz, Inc.
eClerx Services Limited
Econocom Group SE
Electronic Arts Inc.
Enghouse Systems Limited
EOH Holdings Limited
F@N Communications, Inc.
Facebook, Inc.
Fair Isaac Corporation
Fidelity National Informa
Fiserv, Inc.
Formula Systems (1985) Lt
Fortinet, Inc.
Fuji Soft Incorporated
Fujitsu Limited
Fukui Computer Holdings,I
Future Corporation
GAMEVIL Inc.
GB Group plc
GFT Technologies SE
Global Payments Inc.
GMO Internet, Inc.
Gree, Inc.
GungHo Online Entertainme
Gurunavi, Inc.
Hancom Inc.
Hansen Technologies Ltd
HC Group Inc.
Hexaware Technologies Lim
IAC/InterActiveCorp
INES Corporation
Info Edge (India) Limited
Infocom Corporation
Infomart Corporation

Information Services Inte
Infosys Limited
International Business Ma
Internet Initiative Japan
Intuit Inc.
iomart Group plc
IRESS Limited
istyle Inc.
ITOCHU Techno-Solutions C
j2 Global, Inc.
Jack Henry & Associates,
JustSystems Corporation
Kakaku.com, Inc.
Kakao Corp.
Kanematsu Electronics Ltd
Kginicis Co.,Ltd
Kingdee International Sof
Kingsoft Corporation Limi
Koei Tecmo Holdings Co.,
Korea Information & Commu
KPIT Technologies Limited
KPS AG
Leidos Holdings, Inc.
Linx S.A.
LogMeln, Inc.
Manhattan Associates, Inc
ManTech International Cor
Marvelous Inc.
Matrix IT Ltd.
MAXIMUS, Inc.
MercadoLibre, Inc.
Microsoft Corporation
MicroStrategy Incorporate
Mindtree Limited
Miroku Jyoho Service Co.,
mixi, Inc.
Moneysupermarket.com Grou
Monotype Imaging Holdings
Mphasis Limited
MTI Ltd.
My E.G. Services Berhad
NCC Group plc
NCSOFT Corporation
NEC Networks & System Int
Nemetschek SE
Net One Systems Co., Ltd.
NetEnt AB (publ)
NEXON Co., Ltd.
Nexon GT Co., Ltd.
NHN KCP Corp.
NIC Inc.
NICE Ltd.
NIIT Technologies Limited
Nintendo Co., Ltd.
Nomura Research Institute
NS Solutions Corporation
NSD Co., Ltd.
NTT Data Corporation
OBIC Business Consultants
OBIC Co., Ltd.
OneSpan Inc.

GICS 4510

ACI Worldwide, Inc.
Activision Blizzard, Inc.
Acxiom Corporation
ADDCN Technology Co., Ltd
Adobe Systems Incorporate
AhnLab, Inc.
Akamai Technologies, Inc.
Alphabet Inc.
Alten SA
Altium Limited
Altran Technologies S.A.
Amadeus IT Group, S.A.
ANSYS, Inc.
Asseco Poland S.A.
Atea ASA
Ateam Inc.
Aubay Société Anonyme
Automatic Data Processing
AVEVA Group plc
Axway Software SA
Beijing Beida Jade Bird U
Blackbaud, Inc.
Blucora, Inc.
Broadleaf Co., Ltd.
Broadridge Financial Solu
Brogent Technologies Inc.
CA, Inc.
CACI International Inc
Cadence Design Systems, I
Cancom SE
Capcom Co., Ltd.
Capgemini SE
carsales.com Ltd
Cass Information Systems,

Open Text Corporation
 Oracle Corporation
 Oracle Corporation Japan
 Otsuka Corporation
 Paychex, Inc.
 PChome Online Inc.
 Pegasystems Inc.
 Perficient, Inc.
 Persistent Systems Limite
 Posco ICT Company Ltd.
 Progress Software Corpora
 PTC Inc.
 Qualys, Inc.
 REA Group Limited
 Red Hat, Inc.
 Reply S.p.A.
 RIB Software SE
 SAP SE
 Sapiens International Cor
 SCSK Corporation
 Shanghai Baosight Softwar
 Shutterstock, Inc.
 Silverlake Axis Ltd
 SimCorp A/S
 SINA Corporation
 SMS Co., Ltd.
 Software Aktiengesellscha
 Soft-World International
 Sopra Steria Group
 SPS Commerce, Inc.
 Square Enix Holdings Co.,
 Stamps.com Inc.
 Starbreeze AB (publ)
 SUNeVision Holdings Ltd.
 Sykes Enterprises, Incorp
 Synchronoss Technologies,
 Synopsys, Inc.
 Systex Corporation
 Take-Two Interactive Soft
 Tata Consultancy Services
 Tata Elxsi Limited
 Tech Mahindra Limited
 Technology One Limited
 Temenos AG
 Tencent Holdings Limited
 Teradata Corporation
 The Descartes Systems Gro
 The Hackett Group, Inc.
 The Sage Group plc
 The Ultimate Software Gro
 Tieto Oyj
 TIS Inc.
 TiVo Corporation
 TKC Corporation
 Total System Services, In
 TOTVS S.A.
 TravelSky Technology Limi
 Trend Micro Incorporated
 TTEC Holdings, Inc.
 Tyler Technologies, Inc.
 United Internet AG

UNITED, Inc.
 Vakrangee Limited
 Verint Systems Inc.
 Virtusa Corporation
 VMware, Inc.
 Webzen Inc.
 Wipro Limited
 Xing SE
 XO Group Inc.
 Yahoo Japan Corporation
 Zensar Technologies Limit

GICS 451010

ADDCN Technology Co., Ltd
 Akamai Technologies, Inc.
 Alphabet Inc.
 Ateam Inc.
 Blucora, Inc.
 CROOZ, Inc.
 DeNA Co., Ltd.
 DIP Corporation
 eBay Inc.
 F@N Communications, Inc.
 Facebook, Inc.
 GMO Internet, Inc.
 Gree, Inc.
 Gurunavi, Inc.
 HC Group Inc.
 IAC/InterActiveCorp
 Info Edge (India) Limited
 Infomart Corporation
 Internet Initiative Japan
 iomart Group plc
 istyle Inc.
 j2 Global, Inc.
 Kakaku.com, Inc.
 Kakao Corp.
 LogMeln, Inc.
 MercadoLibre, Inc.
 mixi, Inc.
 Moneysupermarket.com Grou
 NetEnt AB (publ)
 NIC Inc.
 PChome Online Inc.
 REA Group Limited
 Shutterstock, Inc.
 SINA Corporation
 SMS Co., Ltd.
 SPS Commerce, Inc.
 Stamps.com Inc.
 SUNeVision Holdings Ltd.
 Tencent Holdings Limited
 United Internet AG
 UNITED, Inc.
 Xing SE
 XO Group Inc.
 Yahoo Japan Corporation

GICS 451020

Axiom Corporation
 Alten SA

Altran Technologies S.A.
 Amadeus IT Group, S.A.
 Atea ASA
 Aubay Société Anonyme
 Automatic Data Processing
 Broadridge Financial Solu
 CACI International Inc
 Cancom SE
 Capgemini SE
 Cass Information Systems,
 CGI Group Inc.
 Chinasoft International L
 Cielo S.A.
 Cognizant Technology Solu
 Convergys Corporation
 CSG Systems International
 Datasonic Group Berhad
 Devoteam SA
 Digital China Holdings Li
 Digital Hearts Holdings C
 DST Systems, Inc.
 DTS Corporation
 DXC Technology Company
 eClerx Services Limited
 Econocom Group SE
 EOH Holdings Limited
 Fidelity National Informa
 Fiserv, Inc.
 Formula Systems (1985) Lt
 Fujitsu Limited
 Future Corporation
 GFT Technologies SE
 Global Payments Inc.
 Hexaware Technologies Lim
 INES Corporation
 Infocom Corporation
 Information Services Inte
 Infosys Limited
 ITOCHU Techno-Solutions C
 Jack Henry & Associates,
 Kanematsu Electronics Ltd
 Kginicis Co.,Ltd
 Korea Information & Commu
 KPS AG
 Leidos Holdings, Inc.
 ManTech International Cor
 Matrix IT Ltd.
 MAXIMUS, Inc.
 Mphasis Limited
 My E.G. Services Berhad
 NCC Group plc
 NEC Networks & System Int
 Net One Systems Co., Ltd.
 NHN KCP Corp.
 Nomura Research Institute
 NS Solutions Corporation
 NTT Data Corporation
 OBIC Co., Ltd.
 Otsuka Corporation
 Paychex, Inc.
 Perficient, Inc.

Persistent Systems Limite
Posco ICT Company Ltd.
Reply S.p.A.
SCSK Corporation
Sopra Steria Group
Sykes Enterprises, Incorp
Systex Corporation
Tata Consultancy Services
Tech Mahindra Limited
Teradata Corporation
The Hackett Group, Inc.
Tieto Oyj
TIS Inc.
TKC Corporation
Total System Services, In
TravelSky Technology Limi
TTEC Holdings, Inc.
Vakrangee Limited
Virtusa Corporation
Wipro Limited

Kingdee International Sof
Koei Tecmo Holdings Co.,
KPIT Technologies Limited
Linx S.A.
Manhattan Associates, Inc
Marvelous Inc.
Microsoft Corporation
MicroStrategy Incorporate
Miroku Jyoho Service Co.,
Monotype Imaging Holdings
MTI Ltd.
NCSOFT Corporation
Nemetschek SE
NEXON Co., Ltd.
Nexon GT Co., Ltd.
NICE Ltd.
NIIT Technologies Limited
Nintendo Co., Ltd.
NSD Co., Ltd.
OBIC Business Consultants
OneSpan Inc.
Open Text Corporation
Oracle Corporation
Oracle Corporation Japan
Pegasystems Inc.
Progress Software Corpora
PTC Inc.
Qualys, Inc.
Red Hat, Inc.
RIB Software SE
SAP SE
Sapiens International Cor
Shanghai Baosight Softwar
Silverlake Axis Ltd
SimCorp A/S
Software Aktiengesellscha
Soft-World International
Square Enix Holdings Co.,
Starbreeze AB (publ)
Synchronoss Technologies,
Synopsys, Inc.
Take-Two Interactive Soft
Tata Elxsi Limited
Temenos AG
The Descartes Systems Gro
The Sage Group plc
The Ultimate Software Gro
TiVo Corporation
TOTVS S.A.
Trend Micro Incorporated
Tyler Technologies, Inc.
Verint Systems Inc.
VMware, Inc.
Webzen Inc.
Zensar Technologies Limit

Advanced Ceramic X Corpor
Advantech Co., Ltd.
Ai Holdings Corporation
Alpha Networks Inc.
Alps Electric Co., Ltd.
ALSO Holding AG
Amano Corporation
Amphenol Corporation
Anritsu Corporation
Apple Inc.
Arcadyan Technology Corpo
Arrow Electronics, Inc.
Asia Vital Components Co.
AT & S Aktiengesellschaft
Aten International CO., L
AU Optronics Corp.
Avigilon Corporation
Avnet, Inc.
AVX Corporation
Azbil Corporation
Badger Meter, Inc.
Barco NV
Basler Aktiengesellschaft
Belden Inc.
Benchmark Electronics, In
BH Co., Ltd.
BYD Electronic (Internati
CalAmp Corp.
Cal-Comp Electronics (Tha
Canon Electronics Inc.
Casetek Holdings Limited
Catcher Technology Co., L
Celestica Inc.
Chaun-Choung Technology C
Cheng Uei Precision Indus
Chicony Electronics Co.,
Chilisin Electronics Corp
Chimei Materials Technolo
Chin Poon Industrial Co.,
China All Access (Holding
Chroma ATE Inc.
Cisco Systems, Inc.
Clevo Co.
Cognex Corporation
Coherent, Inc.
Comba Telecom Systems Hol
Comet Holding AG
Compal Electronics, Inc.
Compeq Manufacturing Co.,
Comtech Telecommunication
Concraft Holding Co., Ltd
Conexio Corporation
Coretronic Corp.
Corning Incorporated
Co-Tech Development Corpo
CTS Corporation
Daeduck Electronics Co.,
Daeduck GDS Co.,Ltd.
Daiwabo Holdings Co., Ltd
Daktronics, Inc.
Datalogic S.p.A.

GICS 451030

ACI Worldwide, Inc.
Activision Blizzard, Inc.
Adobe Systems Incorporate
AhnLab, Inc.
Altium Limited
ANSYS, Inc.
Asseco Poland S.A.
AVEVA Group plc
Beijing Beida Jade Bird U
Blackbaud, Inc.
Broadleaf Co., Ltd.
Brogent Technologies Inc.
CA, Inc.
Cadence Design Systems, I
Capcom Co., Ltd.
Check Point Software Tech
Citrix Systems, Inc.
COLOPL, Inc.
Com2uS Corporation
Commvault Systems, Inc.
Constellation Software In
Dassault Systèmes SE
Digital Arts, Inc.
Douzone Bizon Co., Ltd.
Ebiz, Inc.
Electronic Arts Inc.
Enghouse Systems Limited
Fair Isaac Corporation
Fortinet, Inc.
Fuji Soft Incorporated
Fukui Computer Holdings,I
GAMEVIL Inc.
GB Group plc
GungHo Online Entertainme
Hancom Inc.
Hansen Technologies Ltd
Intuit Inc.
IRESS Limited
JustSystems Corporation

GICS 4520

Accton Technology Corpora
ADLINK Technology, Inc.
ADTRAN, Inc.
ADVA Optical Networking S

Datatec Limited
Delta Electronics (Thaila
Delta Electronics, Inc.
Denki Kogyo Co.,Ltd.
Diebold Nixdorf Aktienges
Dolby Laboratories, Inc.
EchoStar Corporation
EIZO Corporation
Elecom Co., Ltd.
Electrocomponents plc
Electronics for Imaging,
Elematec Corporation
Elite Material Co., Ltd.
Elitegroup Computer Syste
Ennoconn Corporation
ePlus inc.
EVS Broadcast Equipment S
F5 Networks, Inc.
Fabrinet
FARO Technologies, Inc.
Fingerprint Cards AB (pub
Finisar Corporation
Firich Enterprises Co., L
Flex Ltd.
Flexium Interconnect, Inc
FLIR Systems, Inc.
Flytech Technology Co., L
Foxconn Technology Co., L
Getac Technology Corporat
Gigabyte Technology Co.,L
Halma plc
Hana Microelectronics Pub
HannStar Display Corporat
Hexagon AB (publ)
Hirose Electric Co.,Ltd.
Hitachi High-Technologies
Hochiki Corporation
Holy Stone Enterprise Com
Hon Hai Precision Industr
Hosiden Corporation
Icom Incorporated
IEI Integration Corp.
II-VI Incorporated
Inari Amertron Berhad
INFICON Holding AG
Ingenico Group - GCS
Innolux Corporation
Insight Enterprises, Inc.
InterDigital, Inc.
Inventec Corporation
IPG Photonics Corporation
Iriso Electronics Co., Lt
Isra Vision AG
ITEQ Corporation
Itron, Inc.
Jabil Inc.
Japan Aviation Electronic
Japan Cash Machine Co., L
Ju Teng International Hol
Juniper Networks, Inc.
Kapsch TrafficCom AG

KCE Electronics Public Co
KEMET Corporation
Keyence Corporation
Kingboard Laminates Holdi
Kingspak Technology Inc.
KOA Corporation
Kudelski SA
L&F Co., Ltd.
Laird PLC
Largan Precision Co., Ltd
LEM Holding SA
Lenovo Group Limited
LG Display Co., Ltd.
LG Innotek Co., Ltd.
Lite-On Technology Corpor
Littelfuse, Inc.
Logitech International S.
LOTES Co., Ltd.
Macnica Fuji Electronics
Maruwa Co., Ltd.
MCJ Co., Ltd.
Melco Holdings Inc.
Merry Electronics Co., Lt
Methode Electronics, Inc.
Micro-Star International
MTS Systems Corporation
Murata Manufacturing Co.,
Mycronic AB (publ)
National Instruments Corp
NEC Corporation
Neopost S.A.
NetApp, Inc.
NETGEAR, Inc.
NetScout Systems, Inc.
Nippon Ceramic Co., Ltd.
Nippon Electric Glass Co.
Nohmi Bosai Ltd.
Oki Electric Industry Co.
O-Net Technologies (Group
OPTEX Group Co., Ltd.
Orbotech Ltd.
Osaki Electric Co., Ltd.
OSI Systems, Inc.
Pan-International Industr
Partron Co., Ltd.
PAX Global Technology Lim
PC Connection, Inc.
Pegatron Corporation
Plantronics, Inc.
Plexus Corp.
Posiflex Technology, Inc.
Qisda Corporation
Quanta Computer Inc.
Redington (India) Limited
Renishaw plc
Ricoh Company, Ltd.
Riken Keiki Co., Ltd.
Riso Kagaku Corporation
Roland DG Corporation
Ryosan Company, Limited
Ryoyo Electro Corporation

Sangsangin Co., Ltd.
Sanmina Corporation
ScanSource, Inc.
Seiko Epson Corporation
Sercomm Corporation
SIIX Corporation
Simplo Technology Co.Ltd.
Sindoh Co.,Ltd.
Smart Metering Systems PI
Spectris plc
Sterlite Technologies Lim
Sunny Optical Technology
Supreme Electronics Co.,
SVI Public Company Limite
SYNNEX Corporation
Synnex Technology Interna
Taiwan Pcb Techvest Co.,
Taiwan Union Technology C
Taiyo Yuden Co., Ltd.
TE Connectivity Ltd.
Tech Data Corporation
Test Research, Inc.
Thinking Electronic Indus
Tong Hsing Electronic Ind
Tongda Group Holdings Lim
Topcon Corporation
TPK Holding Co., Ltd.
Transcend Information, In
Trimble Inc.
Tripod Technology Corpora
Truly International Holdi
TSC Auto ID Technology Co
TXC Corporation
Unimicron Technology Corp
V Technology Co., Ltd.
V.S. Industry Berhad
Venture Corporation Limit
Viavi Solutions Inc.
Vishay Intertechnology, I
VSTECS Holdings Limited
Vtech Holdings Limited
Wacom Co., Ltd.
Walsin Technology Corpora
Wasion Holdings Limited
Western Digital Corporati
Wistron Corporation
Wistron NeWeb Corporation
WPG Holdings Limited
WT Microelectronics Co.,
Xerox Corporation
Yageo Corporation
YASKAWA Electric Corporat
Yokogawa Electric Corpora
Zhen Ding Technology Hold
Zinwell Corporation
ZTE Corporation

GICS 452010

Accton Technology Corpora
ADTRAN, Inc.
ADVA Optical Networking S

Advanced Ceramic X Corpor
 Alpha Networks Inc.
 Arcadyan Technology Corpo
 BYD Electronic (Internati
 CalAmp Corp.
 China All Access (Holding
 Cisco Systems, Inc.
 Comba Telecom Systems Hol
 Comtech Telecommunication
 Denki Kogyo Co.,Ltd.
 EchoStar Corporation
 EVS Broadcast Equipment S
 F5 Networks, Inc.
 Finisar Corporation
 Icom Incorporated
 InterDigital, Inc.
 Juniper Networks, Inc.
 NETGEAR, Inc.
 NetScout Systems, Inc.
 O-Net Technologies (Group
 Plantronics, Inc.
 Sangsangin Co., Ltd.
 Sercomm Corporation
 Sterlite Technologies Lim
 Vtech Holdings Limited
 Wistron NeWeb Corporation
 Zinwell Corporation

Sindoh Co.,Ltd.
 Transcend Information, In
 TSC Auto ID Technology Co
 Wacom Co., Ltd.
 Western Digital Corporati
 Wistron Corporation
 Xerox Corporation

FLIR Systems, Inc.
 Flytech Technology Co., L
 Halma plc
 Hana Microelectronics Pub
 HannStar Display Corporat
 Hexagon AB (publ)
 Hirose Electric Co.,Ltd.
 Hitachi High-Technologies
 Hochiki Corporation
 Holy Stone Enterprise Com
 Hon Hai Precision Industr
 Hosiden Corporation
 II-VI Incorporated
 Inari Amertron Berhad
 INFICON Holding AG
 Ingenico Group - GCS
 Innolux Corporation
 Insight Enterprises, Inc.
 IPG Photonics Corporation
 Iriso Electronics Co., Lt
 Isra Vision AG
 ITEQ Corporation
 Itron, Inc.
 Jabil Inc.
 Japan Aviation Electronic
 Japan Cash Machine Co., L
 Ju Teng International Hol
 Kapsch TrafficCom AG
 KCE Electronics Public Co
 KEMET Corporation
 Keyence Corporation
 Kingboard Laminates Holdi
 Kingpak Technology Inc.
 KOA Corporation
 Kudelski SA
 L&F Co., Ltd.
 Largan Precision Co., Ltd
 LEM Holding SA
 LG Display Co., Ltd.
 LG Innotek Co., Ltd.
 Littelfuse, Inc.
 LOTES Co., Ltd.
 Macnica Fuji Electronics
 Maruwa Co., Ltd.
 Merry Electronics Co., Lt
 Methode Electronics, Inc.
 MTS Systems Corporation
 Murata Manufacturing Co.,
 Mycronic AB (publ)
 National Instruments Corp
 Nippon Ceramic Co., Ltd.
 Nippon Electric Glass Co.
 Nohmi Bosai Ltd.
 OPTEX Group Co., Ltd.
 Orbotech Ltd.
 Osaki Electric Co., Ltd.
 OSI Systems, Inc.
 Pan-International Industr
 Partron Co., Ltd.
 PAX Global Technology Lim
 PC Connection, Inc.

GICS 452030

ALSO Holding AG
 Amano Corporation
 Amphenol Corporation
 Anritsu Corporation
 Arrow Electronics, Inc.
 AT & S Aktiengesellschaft
 AU Optronics Corp.
 Avigilon Corporation
 Avnet, Inc.
 AVX Corporation
 Azbil Corporation
 Badger Meter, Inc.
 Barco NV
 Basler Aktiengesellschaft
 Benchmark Electronics, In
 BH Co., Ltd.
 Cal-Comp Electronics (Tha
 Canon Electronics Inc.
 Celestica Inc.
 Chaun-Choung Technology C
 Cheng Uei Precision Indus
 Chilisin Electronics Corp
 Chimei Materials Technolo
 Chin Poon Industrial Co.,
 Chroma ATE Inc.
 Cognex Corporation
 Coherent, Inc.
 Comet Holding AG
 Compeq Manufacturing Co.,
 Concraft Holding Co., Ltd
 Conexio Corporation
 Coretronic Corp.
 Co-Tech Development Corpo
 CTS Corporation
 Daeduck Electronics Co.,
 Daeduck GDS Co.,Ltd.
 Daiwabo Holdings Co., Ltd
 Daktronics, Inc.
 Datalogic S.p.A.
 Datatec Limited
 Delta Electronics (Thaila
 Dolby Laboratories, Inc.
 Electrocomponents plc
 Elematec Corporation
 Elite Material Co., Ltd.
 ePlus inc.
 Fabrinet
 FARO Technologies, Inc.
 Fingerprint Cards AB (pub
 Firich Enterprises Co., L
 Flex Ltd.
 Flexium Interconnect, Inc

GICS 452020

ADLINK Technology, Inc.
 Apple Inc.
 Asia Vital Components Co.
 Aten International CO., L
 Casetek Holdings Limited
 Catcher Technology Co., L
 Chicony Electronics Co.,
 Clevo Co.
 Compal Electronics, Inc.
 Diebold Nixdorf Aktienges
 EIZO Corporation
 Elecom Co., Ltd.
 Electronics for Imaging,
 Elitegroup Computer Syste
 Ennoconn Corporation
 Getac Technology Corporat
 Gigabyte Technology Co.,L
 IEI Integration Corp.
 Inventec Corporation
 Lenovo Group Limited
 Lite-On Technology Corpor
 Logitech International S.
 MCJ Co., Ltd.
 Melco Holdings Inc.
 Micro-Star International
 Neopost S.A.
 NetApp, Inc.
 Pegatron Corporation
 Quanta Computer Inc.
 Ricoh Company, Ltd.
 Riso Kagaku Corporation
 Roland DG Corporation

Plexus Corp.
 Posiflex Technology, Inc.
 Redington (India) Limited
 Renishaw plc
 Riken Keiki Co., Ltd.
 Ryosan Company, Limited
 Ryoyo Electro Corporation
 Sanmina Corporation
 ScanSource, Inc.
 SIIIX Corporation
 Simplo Technology Co.Ltd.
 Smart Metering Systems PI
 Spectris plc
 Sunny Optical Technology
 Supreme Electronics Co.,
 SVI Public Company Limite
 SYNEX Corporation
 Synnex Technology Interna
 Taiwan Pcb Techvest Co.,
 Taiwan Union Technology C
 Taiyo Yuden Co., Ltd.
 Tech Data Corporation
 Test Research, Inc.
 Thinking Electronic Indus
 Tong Hsing Electronic Ind
 Tongda Group Holdings Lim
 Topcon Corporation
 TPK Holding Co., Ltd.
 Trimble Inc.
 Tripod Technology Corpora
 Truly International Holdi
 TXC Corporation
 Unimicron Technology Corp
 V Technology Co., Ltd.
 V.S. Industry Berhad
 Venture Corporation Limit
 Vishay Intertechnology, I
 VSTECS Holdings Limited
 Walsin Technology Corpora
 WPG Holdings Limited
 WT Microelectronics Co.,
 Yageo Corporation
 YASKAWA Electric Corporat
 Yokogawa Electric Corpora
 Zhen Ding Technology Hold

ASML Holding N.V.
 ASPEED Technology Inc.
 Axcelis Technologies, Inc
 BE Semiconductor Industri
 BOE Varitronix Limited
 Broadcom Inc.
 Brooks Automation, Inc.
 Cabot Microelectronics Co
 CEVA, Inc.
 China Electronics Huada T
 Chipbond Technology Corpo
 Cirrus Logic, Inc.
 Cohu, Inc.
 Cree, Inc.
 DB HiTek Co.,Ltd.
 Dialog Semiconductor Plc
 Diodes Incorporated
 Disco Corporation
 ELAN Microelectronics Cor
 Elite Semiconductor Memor
 ELMOS Semiconductor AG
 EO Technics Co., Ltd.
 Eugene Technology Co.,Ltd
 Everlight Electronics Co.
 Faraday Technology Corpor
 FocalTech Systems Co., Lt
 Formosa Advanced Technolo
 Foxsemicon Integrated Tec
 Giga Solar Materials Corp
 Global UniChip Corp.
 Globetronics Technology B
 Greatek Electronics Inc.
 HANMI Semiconductor Co.,
 Holtek Semiconductor Inc.
 Infineon Technologies AG
 Integrated Device Technol
 Intel Corporation
 JAPAN MATERIAL Co., Ltd.
 King Yuan ELECTRONICS CO.
 Kinsus Interconnect Techn
 KLA-Tencor Corporation
 Koh Young Technology Inc.
 Kulicke and Soffa Industr
 Lam Research Corporation
 Lasertec Corporation
 LEENO Industrial Inc.
 Lextar Electronics Corpor
 Lite-On Semiconductor Cor
 Malaysian Pacific Industr
 Marvell Technology Group
 Maxim Integrated Products
 MediaTek Inc.
 MegaChips Corporation
 Melexis NV
 Microchip Technology Inco
 Micron Technology, Inc.
 Micronics Japan Co.,Ltd.
 Microsemi Corporation
 Mimasu Semiconductor Indu
 Mitsui High-tec, Inc.
 MKS Instruments, Inc.

Monolithic Power Systems,
 Nanometrics Incorporated
 Nanya Technology Corporat
 Nordic Semiconductor ASA
 Nova Measuring Instrument
 Novatek Microelectronics
 NuFlare Technology, Inc.
 Nuvoton Technology Corpor
 NVIDIA Corporation
 ON Semiconductor Corporat
 On-Bright Electronics Inc
 Parade Technologies, Ltd.
 PDF Solutions, Inc.
 Phison Electronics Corp.
 Photonics, Inc.
 PixArt Imaging Inc.
 Power Integrations, Inc.
 Powertech Technology Inc.
 PSK Inc.
 Qorvo, Inc.
 Radiant Opto-Electronics
 Rambus Inc.
 Realtek Semiconductor Cor
 Renesas Electronics Corpo
 ROHM Co., Ltd.
 Rudolph Technologies, Inc
 Sanken Electric Co., Ltd.
 SDI Corporation
 Semiconductor Manufacturi
 Semtech Corporation
 Seoul Semiconductor Co.,
 Shanghai Fudan Microelect
 Shindengen Electric Manuf
 Shinko Electric Industrie
 Sigurd Microelectronics C
 Silicon Laboratories Inc.
 Silicon Works Co., Ltd.
 Siliconware Precision Ind
 Sitronix Technology Corpo
 SK hynix, Inc.
 Skyworks Solutions, Inc.
 Sumco Corporation
 Synaptics Incorporated
 Taiwan Semiconductor Co.,
 Taiwan Surface Mounting T
 Teradyne, Inc.
 TES Co., Ltd
 Texas Instruments Incorpo
 TOKAI CARBON KOREA Co., L
 Tokyo Electron Limited
 TOPCO Scientific Co., Ltd
 Toptec Co., Ltd.
 Tower Semiconductor Ltd.
 u-blox Holding AG
 Ultra Clean Holdings, Inc
 Unisem (M) Berhad
 United Microelectronics C
 Universal Display Corpora
 Vanguard International Se
 Visual Photonics Epitaxy
 WIN Semiconductors Corp.

GICS 4530

ADATA Technology Co., Ltd
 Advanced Energy Industrie
 Advanced Wireless Semicon
 Advantest Corporation
 Amkor Technology, Inc.
 ams AG
 Analog Devices, Inc.
 AOI Electronics Co., Ltd.
 Applied Materials, Inc.
 Ardentec Corporation
 ASE Technology Holding Co
 ASM International NV
 ASM Pacific Technology Li
 ASMedia Technology Inc.

Winbond Electronics Corpo
Wonik IPS Co., Ltd.
Xcerra Corporation
Xilinx, Inc.
Xperi Corporation

PLDT Inc.
Proximus PLC
PT Tower Bersama Infrastr
PT XL Axiata Tbk
Public Joint-Stock Compan
Rogers Communications Inc
Shenandoah Telecommunicat
Singapore Telecommunicati
SK Telecom Co., Ltd.
SmarTone Telecommunicatio
Spok Holdings, Inc.
StarHub Ltd
Swisscom AG
TalkTalk Telecom Group PL
TDC A/S
Tele2 AB (publ)
Telecom Egypt Company S.A
Telecom Italia S.p.A.
Telefónica Brasil S.A.
Telefónica, S.A.
Telekom Austria Aktienges
Telekom Malaysia Berhad
Telenor ASA
Telephone and Data System
Telia Company AB (publ)
Telstra Corporation Limit
TELUS Corporation
Thaicom Public Company Li
TIM Participações S.A.
TIME dotCom Berhad
TPG Telecom Limited
Türk Telekomünikasyon A.S
Turkcell Iletisim Hizmetli
Verizon Communications In
Vodacom Group Limited
Vodafone Group Plc
Vonage Holdings Corp.

Netia S.A.
O2 Czech Republic a.s.
Ooredoo Q.P.S.C.
Orange Polska S.A.
PCCW Limited
Proximus PLC
PT Tower Bersama Infrastr
Swisscom AG
TalkTalk Telecom Group PL
TDC A/S
Telecom Egypt Company S.A
Telecom Italia S.p.A.
Telefónica Brasil S.A.
Telefónica, S.A.
Telekom Austria Aktienges
Telekom Malaysia Berhad
Telenor ASA
Telia Company AB (publ)
TELUS Corporation
Thaicom Public Company Li
TIME dotCom Berhad
TPG Telecom Limited
Türk Telekomünikasyon A.S

GICS 50

Advanced Info Service Pub
América Móvil, S.A.B. de
APT Satellite Holdings Li
ATN International, Inc.
Axiata Group Berhad
BCE Inc.
Bezeq The Israel Telecomm
Bharti Airtel Limited
Bharti Infratel Limited
BT Group plc
CenturyLink, Inc.
China Communications Serv
China Mobile Limited
China Telecom Corporation
China Unicom (Hong Kong)
Chunghwa Telecom Co., Ltd
CITIC Telecom Internation
Consolidated Communicatio
Deutsche Telekom AG
Digi.Com Berhad
EI Towers S.p.A
Elisa Oyj
Emirates Telecommunicatio
Empresa Nacional de Telec
freenet AG
Globe Telecom, Inc.
Hellenic Telecommunicatio
HKT Trust and HKT Limited
Hutchison Telecommunicati
Idea Cellular Limited
IDT Corporation
Iliad SA
Inmarsat Plc
Iridium Communications In
Jasmine International Pub
KCOM Group PLC
KDDI Corporation
Koninklijke KPN N.V.
M1 Limited
Magyar Telekom Telecommun
Maxis Berhad
Millicom International Ce
MTN Group Limited
Netia S.A.
Nippon Telegraph and Tele
NTT DOCOMO, INC.
O2 Czech Republic a.s.
Ooredoo Q.P.S.C.
Orange Belgium S.A.
Orange Polska S.A.
Orange S.A.
Partner Communications Co
PCCW Limited
Perusahaan Perseroan (Per

GICS 501010

APT Satellite Holdings Li
BCE Inc.
Bezeq The Israel Telecomm
Bharti Infratel Limited
BT Group plc
CenturyLink, Inc.
China Communications Serv
China Telecom Corporation
China Unicom (Hong Kong)
CITIC Telecom Internation
Consolidated Communicatio
EI Towers S.p.A
Elisa Oyj
Emirates Telecommunicatio
HKT Trust and HKT Limited
IDT Corporation
Iliad SA
Inmarsat Plc
Iridium Communications In
Jasmine International Pub
KCOM Group PLC
Magyar Telekom Telecommun

GICS 501020

Advanced Info Service Pub
América Móvil, S.A.B. de
Axiata Group Berhad
Bharti Airtel Limited
China Mobile Limited
Digi.Com Berhad
Empresa Nacional de Telec
freenet AG
Globe Telecom, Inc.
Hutchison Telecommunicati
Idea Cellular Limited
KDDI Corporation
M1 Limited
Maxis Berhad
Millicom International Ce
MTN Group Limited
NTT DOCOMO, INC.
Orange Belgium S.A.
Partner Communications Co
PT XL Axiata Tbk
Public Joint-Stock Compan
Rogers Communications Inc
SK Telecom Co., Ltd.
SmarTone Telecommunicatio
Spok Holdings, Inc.
StarHub Ltd
Tele2 AB (publ)
Telephone and Data System
TIM Participações S.A.
Turkcell Iletisim Hizmetli
Vodacom Group Limited
Vodafone Group Plc

GICS 55

A2A S.p.A.
Aboitiz Power Corporation

ACEA S.p.A.
 AES Gener S.A.
 AGL Energy Limited
 Aguas Andinas S.A.
 Albioma
 Algonquin Power & Utiliti
 ALLETE, Inc.
 Alliant Energy Corporatio
 Ameren Corporation
 American Electric Power C
 American States Water Com
 American Water Works Comp
 APA Group
 Aqua America, Inc.
 Ascopiave S.p.A.
 ATCO Ltd.
 Athens Water Supply and S
 Atmos Energy Corporation
 AusNet Services Ltd
 Avista Corporation
 Aygaz Anonim Sirketi
 Beijing Enterprises Water
 BKW AG
 Black Hills Corporation
 California Water Service
 Canadian Utilities Limite
 Capital Power Corporation
 CenterPoint Energy, Inc.
 Centrica plc
 CESC Limited
 CESP - Companhia Energéti
 CEZ, a. s.
 Chesapeake Utilities Corp
 China Everbright Water Li
 China Oil And Gas Group L
 China Power International
 China Resources Gas Group
 China Resources Power Hol
 China Water Industry Grou
 Chubu Electric Power Comp
 CK Infrastructure Holding
 CLP Holdings Limited
 CMS Energy Corporation
 Colbún S.A.
 Companhia de Gás de São P
 Companhia de Saneamento d
 Companhia de Saneamento d
 Companhia Energética do C
 Companhia Paranaense de E
 Companhia Saneamento Bási
 Connecticut Water Service
 Consolidated Edison, Inc.
 Contact Energy Limited
 Dominion Energy, Inc.
 Drax Group plc
 DTE Energy Company
 Duke Energy Corporation
 E.ON SE
 Edison International
 EDP - Energias de Portuga
 EDP - Energias do Brasil

El Paso Electric Company
 Electric Power Developmen
 Electricité de France S.A
 Elia System Operator SA
 Emera Incorporated
 Encavis AG
 Endesa, S.A.
 Enel Américas S.A.
 Enel SpA
 Engie Brasil Energia S.A.
 Engie Energia Chile S.A.
 ENN Energy Holdings Limit
 Entergy Corporation
 Equatorial Energia S.A.
 ERG S.p.A.
 Evergy, Inc.
 Eversource Energy
 EVN AG
 Exelon Corporation
 First Gen Corporation
 Fortis Inc.
 Fortum Oyj
 Gas Malaysia Berhad
 Glow Energy Public Compan
 Great Plains Energy Incor
 Guangdong Investment Limi
 Gujarat State Petronet Li
 Hawaiian Electric Industr
 Hera S.p.A.
 Huaneng Power Internation
 Iberdrola, S.A.
 IDACORP, Inc.
 Infraestructura Energétic
 Infratil Limited
 Interconexión Eléctrica S
 Inversiones Aguas Metropo
 Iren SpA
 Korea District Heating Co
 Korea Electric Power Corp
 Kot Addu Power Company Li
 Light S.A.
 Manila Electric Company
 Manila Water Company, Inc
 MGE Energy, Inc.
 Middlesex Water Company
 National Grid plc
 Naturgy Energy Group, S.A
 New Jersey Resources Corp
 NextEra Energy, Inc.
 Nippon Gas Co., Ltd.
 NiSource Inc.
 Northland Power Inc.
 Northwest Natural Gas Com
 Northwestern Corporation
 NTPC Limited
 OGE Energy Corp.
 Pennon Group Plc
 PETRONAS Gas Berhad
 PG&E Corporation
 PGE Polska Grupa Energety
 Pinnacle West Capital Cor

PNM Resources, Inc.
 Portland General Electric
 PPL Corporation
 Public Joint Stock Compan
 Public Joint Stock Compan
 Public Joint-Stock Compan
 Public Joint-Stock Compan
 Public Service Enterprise
 Qatar Electricity and Wat
 Red Eléctrica Corporación
 Reliance Infrastructure L
 Reliance Power Limited
 REN - Redes Energéticas N
 Rubis
 Samchully Co.,Ltd
 Sempra Energy
 Severn Trent Plc
 Shanghai Lingyun Industri
 Shizuoka Gas Co., Ltd.
 SJW Group
 South Jersey Industries,
 Spire Inc.
 SSE plc
 SUEZ SA
 Super Energy Corporation
 Superior Plus Corp.
 TAURON Polska Energia S.A
 Telecom Plus plc
 Tenaga Nasional Berhad
 Terna - Rete Elettrica Na
 Terna Energy Societe Anon
 The Hong Kong & China Gas
 The Hub Power Company Lim
 The Okinawa Electric Powe
 The Southern Company
 The Tata Power Company Li
 The York Water Company
 TOHO GAS Co., Ltd.
 Tohoku Electric Power Com
 Tokyo Gas Co., Ltd.
 Torrent Power Limited
 Towngas China Company Lim
 Transmissora Aliança de E
 TTW Public Company Limite
 UGI Corporation
 United Utilities Group PL
 Unitol Corporation
 VA Tech Wabag Limited
 Veolia Environnement S.A.
 WEC Energy Group, Inc.
 WGL Holdings, Inc.
 Xcel Energy Inc.
 YTL Power International B

GICS 551010

Alliant Energy Corporatio
 American Electric Power C
 AusNet Services Ltd
 CESC Limited
 CK Infrastructure Holding
 CLP Holdings Limited

Companhia Energética do C
 Duke Energy Corporation
 Edison International
 EDP - Energias de Portuga
 EDP - Energias do Brasil
 El Paso Electric Company
 Electricité de France S.A
 Elia System Operator SA
 Emera Incorporated
 Endesa, S.A.
 Enel SpA
 Engie Energia Chile S.A.
 Entergy Corporation
 Equatorial Energia S.A.
 Evergy, Inc.
 Eversource Energy
 EVN AG
 Fortis Inc.
 Great Plains Energy Inco
 Hawaiian Electric Industr
 IDACORP, Inc.
 Interconexión Eléctrica S
 Korea District Heating Co
 Korea Electric Power Corp
 Light S.A.
 Manila Electric Company
 NextEra Energy, Inc.
 OGE Energy Corp.
 PG&E Corporation
 PGE Polska Grupa Energety
 Pinnacle West Capital Cor
 PNM Resources, Inc.
 Portland General Electric
 PPL Corporation
 Public Joint Stock Compan
 Public Joint Stock Compan
 Public Joint-Stock Compan
 Red Eléctrica Corporación
 Reliance Infrastructure L
 SSE plc
 TAURON Polska Energia S.A
 Tenaga Nasional Berhad
 Terna - Rete Elettrica Na
 The Okinawa Electric Powe
 The Tata Power Company Li
 Tohoku Electric Power Com
 Torrent Power Limited
 Transmissora Aliança de E
 Xcel Energy Inc.

GICS 551020

APA Group
 Ascopiave S.p.A.
 Atmos Energy Corporation
 Aygaz Anonim Sirketi
 Chesapeake Utilities Corp
 China Oil And Gas Group L
 China Resources Gas Group
 Companhia de Gás de São P
 ENN Energy Holdings Limit
 Gas Malaysia Berhad

Gujarat State Petronet Li
 Infraestructura Energétic
 New Jersey Resources Corp
 Nippon Gas Co., Ltd.
 Northwest Natural Gas Com
 PETRONAS Gas Berhad
 Rubis
 Samchully Co.,Ltd
 Shizuoka Gas Co., Ltd.
 South Jersey Industries,
 Spire Inc.
 Superior Plus Corp.
 The Hong Kong & China Gas
 TOHO GAS Co., Ltd.
 Tokyo Gas Co., Ltd.
 Towngas China Company Lim
 UGI Corporation
 WGL Holdings, Inc.

GICS 551030

A2A S.p.A.
 AGL Energy Limited
 ATCO Ltd.
 Avista Corporation
 Canadian Utilities Limite
 Centrica plc
 E.ON SE
 Northwestern Corporation
 Public Service Enterprise
 Qatar Electricity and Wat
 SUEZ SA
 Telecom Plus plc
 Veolia Environnement S.A.
 WEC Energy Group, Inc.

GICS 551040

Aguas Andinas S.A.
 American States Water Com
 American Water Works Comp
 Aqua America, Inc.
 Athens Water Supply and S
 Beijing Enterprises Water
 California Water Service
 China Everbright Water Li
 Companhia de Saneamento d
 Companhia de Saneamento d
 Companhia Saneamento Bási
 Connecticut Water Service
 Guangdong Investment Limi
 Inversiones Aguas Metropo
 Manila Water Company, Inc
 Middlesex Water Company
 Pennon Group Plc
 Severn Trent Plc
 SJW Group
 The York Water Company
 TTW Public Company Limite
 United Utilities Group PL
 VA Tech Wabag Limited

GICS 551050

Aboitiz Power Corporation
 AES Gener S.A.
 Albioma
 Algonquin Power & Utiliti
 Capital Power Corporation
 CESP - Companhia Energéti
 China Resources Power Hol
 Colbún S.A.
 Drax Group plc
 Electric Power Developmen
 Encavis AG
 Engie Brasil Energia S.A.
 ERG S.p.A.
 First Gen Corporation
 Glow Energy Public Compan
 Huaneng Power Internation
 Kot Addu Power Company Li
 Northland Power Inc.
 NTPC Limited
 Public Joint-Stock Compan
 Reliance Power Limited
 Shanghai Lingyun Industri
 Super Energy Corporation
 Terna Energy Societe Anon
 The Hub Power Company Lim

GICS 601010

Acadia Realty Trust
 Activia Properties Inc.
 Advance Residence Investm
 Aedifica SA
 Agree Realty Corporation
 Alexander's, Inc.
 Alexandria Real Estate Eq
 Allied Properties Real Es
 alstria office REIT-AG
 American Assets Trust, In
 American Campus Communiti
 American Tower Corporatio
 Apartment Investment and
 Argosy Property Limited
 Arrowhead Properties Limi
 Artis Real Estate Investm
 Ascendas Hospitality Trus
 Ascendas Real Estate Inve
 Assura Plc
 AvalonBay Communities, In
 Axis Real Estate Investme
 Big Yellow Group Plc
 Boardwalk Real Estate Inv
 Boston Properties, Inc.
 BWP Trust
 Camden Property Trust
 Canadian Apartment Proper
 Canadian Real Estate Inve
 CapitaLand Mall Trust
 CapitaLand Retail China T
 CBL & Associates Properti
 Charter Hall Retail Real
 Chatham Lodging Trust

Chesapeake Lodging Trust
 Cofinimmo SA
 Cominar Real Estate Inves
 CoreCivic, Inc.
 CoreSite Realty Corporati
 Corporate Office Properti
 Cousins Properties Incorp
 Covivio
 CubeSmart
 Daiwa House REIT Investme
 Daiwa Office Investment C
 DCT Industrial Trust Inc.
 Derwent London Plc
 Dexus
 DiamondRock Hospitality C
 Digital Realty Trust, Inc
 Douglas Emmett, Inc.
 Dream Global Real Estate
 Duke Realty Corporation
 EastGroup Properties, Inc
 Education Realty Trust, I
 Emira Property Fund Limit
 EPR Properties
 Equinix, Inc. (REIT)
 Equity Residential
 ESR-REIT
 Essex Property Trust, Inc
 Eurocommercial Properties
 Extra Space Storage Inc.
 Federal Realty Investment
 Fibra Terrafina
 Fibra UNO
 FibraHotel
 First Industrial Realty T
 First Real Estate Investm
 Folkestone Education Trus
 Forest City Realty Trust,
 Franklin Street Propertie
 Frasers Commercial Trust
 Frontier Real Estate Inve
 Fukuoka REIT Corporation
 Gecina
 Getty Realty Corp.
 GGP Inc.
 Global One Real Estate In
 Goodman Group
 Goodman Property Trust
 GPT Group
 Granite Real Estate Inves
 Growthpoint Properties Au
 H&R Real Estate Investmen
 Hamborner REIT AG
 Hankyu REIT Inc.
 Hansteen Holdings PLC
 Healthcare Realty Trust I
 Heiwa Real Estate REIT, I
 Highwoods Properties, Inc
 Hospitality Properties Tr
 Host Hotels & Resorts, In
 Icade
 Ichigo Office REIT Invest

Immobiliare Grande Distri
 Industrial & Infrastructu
 Intervest Offices & Wareh
 intu properties plc
 Investa Office Fund
 Invincible Investment Cor
 Iron Mountain Incorporate
 Is Gayrimenkul Yatirim Or
 Japan Excellent, Inc.
 Japan Hotel REIT Investme
 Japan Logistics Fund, Inc
 Japan Prime Realty Invest
 Japan Real Estate Investm
 Japan Rental Housing Inve
 Japan Retail Fund Investm
 Kenedix Office Investment
 Kilroy Realty Corporation
 Kimco Realty Corporation
 Kiwi Property Group Limit
 Lamar Advertising Company
 Land Securities Group plc
 LaSalle Hotel Properties
 Lexington Realty Trust
 Liberty Property Trust
 Life Storage, Inc.
 Link Real Estate Investme
 Lippo Malls Indonesia Ret
 LondonMetric Property Plc
 LTC Properties, Inc.
 Macerich Company
 Mapletree Commercial Trus
 Mapletree Industrial Trus
 Mapletree Logistics Trust
 MCUBS MidCity Investment
 Medical Properties Trust,
 Mercialys
 Mid-America Apartment Com
 Mirvac Group
 Mori Hills REIT Investmen
 MORI TRUST Sogo Reit, Inc
 National Retail Propertie
 NewRiver REIT plc
 Nippon Accommodations Fun
 Nippon Building Fund Inco
 Northview Apartment Real
 Omega Healthcare Investor
 ORIX JREIT Inc.
 Pavilion Real Estate Inve
 PotlatchDeltic Corporatio
 Precinct Properties New Z
 Primary Health Properties
 Prologis, Inc.
 Prosperity Real Estate In
 PS Business Parks, Inc.
 Public Storage
 Ramco-Gershenson Properti
 RDI REIT P.L.C.
 Rebosis Property Fund Lim
 Redefine Properties Limit
 Regency Centers Corporati
 Reit 1 Ltd

Retail Opportunity Invest
 RioCan Real Estate Invest
 Ryman Hospitality Propert
 Sabra Health Care REIT, I
 Safestore Holdings plc
 Saul Centers, Inc.
 Scentre Group
 Schroder Real Estate Inve
 SEGRO plc
 Sekisui House Residential
 Shaftesbury PLC
 Simon Property Group, Inc
 SL Green Realty Corp.
 SmartCentres Real Estate
 Stockland
 Summit Hotel Properties,
 Sunlight Real Estate Inve
 Sunstone Hotel Investors,
 Sunway Real Estate Invest
 Tanger Factory Outlet Cen
 The Unite Group plc
 Tokyu REIT, Inc.
 UDR, Inc.
 Unibail-Rodamco-Westfield
 United Urban Investment C
 Universal Health Realty I
 Urstadt Biddle Properties
 Vastned Retail N.V.
 Ventas, Inc.
 Vornado Realty Trust
 Warehouses De Pauw
 Weingarten Realty Investo
 Welltower Inc.
 Wereldhave N.V.
 Westfield Corporation
 Weyerhaeuser Company
 Whitestone REIT
 Workspace Group plc
 Yuesiu Real Estate Invest

GICS 601020

ADLER Real Estate AG
 AEON Mall Co., Ltd.
 Africa Israel Properties
 Agile Group Holdings Limi
 Airport City Ltd.
 Aliansce Shopping Centers
 Allreal Holding AG
 Alony-Hetz Properties & I
 Amot Investment Ltd
 Ananda Development Public
 AP (Thailand) Public Comp
 ARDEPRO Co., Ltd.
 Ayala Land, Inc.
 Azrieli Group Ltd
 Bayside Land Corporation
 Beijing Capital Land Ltd.
 Beijing North Star Compan
 Beijing Properties (Holdi
 BIG Shopping Centers Ltd
 Blue Square Real Estate L

BR Properties S.A.
 C C Land Holdings Limited
 CA Immobilien Anlagen AG
 CapitaLand Limited
 Castellum AB
 Cathay Real Estate Develo
 CBRE Group, Inc.
 Cedar Woods Properties Li
 Central China Real Estate
 Central Pattana Public Co
 China Aoyuan Property Gro
 China Evergrande Group
 China Jinmao Holdings Gro
 China Merchants Land Limi
 China Overseas Grand Ocea
 China Overseas Land & Inv
 China Resources Land Limi
 China SCE Property Holdin
 China South City Holdings
 Chong Hong Construction C
 CIFI Holdings (Group) Co.
 Citycon Oyj
 Colliers International Gr
 Corporación Inmobiliaria
 Country Garden Holdings C
 CSI Properties Limited
 Daibiru Corporation
 Daikyo Incorporated
 Daito Trust Construction
 Daiwa House Industry Co.,
 Deutsche EuroShop AG
 Deutsche Wohnen SE
 Deyaar Development PJSC
 DIC Asset AG
 Diös Fastigheter AB (publ)
 DongWon Development Co.,L
 Eco World Development Gro
 Emaar Properties PJSC
 Emperor International Hol
 Ezdan Holding Group Q.S.C
 Fabega AB (publ)
 Fantasia Holdings Group C
 Far East Consortium Inter
 Fastighets AB Balder (pub
 Filinvest Land, Inc.
 First Capital Realty Inc.
 Future Land Development H
 Gazit Globe Ltd
 Gemdale Properties and In
 Godrej Properties Limited
 GOLDCREST Co., Ltd.
 Golden Land Property Deve
 Grainger plc
 Grand City Properties S.A
 Greenland Hong Kong Holdi
 Greentown China Holdings
 Guangzhou R&F Properties
 Hang Lung Group Limited
 Hang Lung Properties Limi
 Heiwa Real Estate Co., Lt
 Helical plc

Heliopolis Co. for Housin
 Henderson Land Developmen
 HFF, Inc.
 Highwealth Construction C
 HKC (Holdings) Limited
 Hongkong Land Holdings Li
 Hopson Development Holdin
 Housing Development and I
 Huaku Development Co., Lt
 Hufvudstaden AB (publ)
 Hulic Co., Ltd.
 HUNG SHENG Construction C
 Hysan Development Company
 Ichigo Inc.
 Iguatemi Empresa de Shopp
 Indiabulls Real Estate Li
 Japan Asset Marketing Co.
 Jones Lang LaSalle Incorp
 K. Wah International Hold
 Kenedix, Inc.
 Kerry Properties Limited
 Kindom Construction Corp.
 Klöver AB
 KOREIT
 KSL Holdings Berhad
 Kungsleden AB
 KWG Property Holding Limi
 L.P.N. Development Public
 Lai Sun Development Compa
 LEG Immobilien AG
 LendLease Group
 Leopalace21 Corporation
 Liu Chong Hing Investment
 Longfor Group Holdings Li
 Madinet Nasr for Housing
 Mah Sing Group Berhad
 Mazaya Qatar Real Estate
 Megaworld Corporation
 Melisron Ltd.
 Mitsui Fudosan Co., Ltd.
 Mobimo Holding AG
 Multiplan Empreendimentos
 Nam Tai Property Inc.
 Nesco Limited
 New World Development Com
 Nexity SA
 Norstar Holdings Inc.
 Norwegian Property ASA
 NTT Urban Development Cor
 Oberoi Realty Limited
 OUE Limited
 Palm Hills Developments C
 Parque Arauco S.A.
 PATRIZIA Immobilien AG
 Poly Property Group Co.,
 Powerlong Real Estate Hol
 Prestige Estates Projects
 Prince Housing & Developm
 PSP Swiss Property AG
 PT Alam Sutera Realty Tbk
 PT Bumi Serpong Damai Tbk

PT Ciputra Development Tb
 PT Intiland Development T
 PT Modernland Realty Tbk
 PT Pakuwon Jati Tbk
 PT Summarecon Agung Tbk
 Quality Houses Public Com
 Radium Life Technology Co
 RAK Properties P.J.S.C.
 Relo Group, Inc.
 Road King Infrastructure
 Robinsons Land Corporatio
 S IMMO AG
 S P Setia Berhad
 Sansiri Public Company Li
 Savills plc
 SC Asset Corporation Publ
 Selvaag Bolig ASA
 Shanghai Industrial Urban
 Shanghai Shibei Hi-Tech C
 Shenzhen Investment Limit
 Shenzhen SEG Co., Ltd.
 Shimao Property Holdings
 Shui On Land Limited
 Singha Estate Public Comp
 Sino Land Company Limited
 Sino-Ocean Group Holding
 Sinyi Realty Inc.
 Sixth of October for Deve
 Skyfame Realty (Holdings)
 SM Prime Holdings, Inc.
 SOHO China Limited
 Sonae Sierra Brasil S.A.
 St. Modwen Properties PLC
 Sumitomo Realty & Develop
 Sun Frontier Fudousan Co.
 Sun Hung Kai Properties L
 Sunac China Holdings Limi
 Supalai Public Company Li
 Swire Properties Limited
 TAG Immobilien AG
 Takara Leben Co., Ltd.
 Technopolis Plc
 TICON Industrial Connecti
 TOC Co., Ltd.
 Tokyo Tatemono Co., Ltd.
 Tokyu Fudosan Holdings Co
 Tosei Corporation
 UEM Sunrise Berhad
 Univentures Public Compan
 UNIZO Holdings Company, L
 UOA Development Bhd
 Victoria Park AB (publ)
 Vista Land & Lifescapes,
 Wallenstam AB (publ)
 Wharf (Holdings) Limited
 Wheelock and Company Limi
 Wihlborgs Fastigheter AB
 Yanlord Land Group Limite
 Yuexiu Property Company L
 Yuzhou Properties Company

Appendix D: Companies (“High-Financial-Risk” Set) in Each Industry, by GICS Code, in World

In appendix D, a listing of companies in the set of “high-financial-risk” companies for each GICS code in the World region is presented.

GICS 10

Akastor ASA
Aker BP ASA
Anadarko Petroleum Corpor
Apache Corporation
Archrock, Inc.
Baytex Energy Corp.
Beach Energy Limited
Bonavista Energy Corporat
BW Offshore Limited
Callon Petroleum Company
Carrizo Oil & Gas, Inc.
Cheniere Energy, Inc.
China Suntien Green Energ
Cimarex Energy Co.
CNX Resources Corporation
Concho Resources Inc.
Cosmo Energy Holdings Co.
Crescent Point Energy Cor
Crew Energy Inc.
Energen Corporation
Enerplus Corporation
EnQuest PLC
Esso S.A.F.
Etablissements Maurel & P
Exmar NV
Gibson Energy Inc.
Gran Tierra Energy Inc.
Helix Energy Solutions Gr
Hengyuan Refining Company
Hess Corporation
HighPoint Resources Corpo
Höegh LNG Holdings Ltd.
Hunting plc
Japan Drilling Co., Ltd.
Lundin Petroleum AB (publ
Marathon Oil Corporation
McDermott International,
MEG Energy Corp.
MIE Holdings Corporation
Murphy Oil Corporation
Nabors Industries Ltd.
Noble Energy, Inc.
NuVista Energy Ltd.
Obsidian Energy Ltd.
Origin Energy Limited
Painted Pony Energy Ltd.
Paramount Resources Ltd.
Patterson-UTI Energy, Inc
PDC Energy, Inc.
Pengrowth Energy Corporat
Petroleum Geo-Services AS
Pioneer Natural Resources
Precision Drilling Corpor
Premier Oil plc
QEP Resources, Inc.
Range Resources Corporati
Ring Energy, Inc.
Santos Limited
Saras S.p.A.
SEACOR Holdings Inc.

Secure Energy Services In
Sino Oil and Gas Holdings
SM Energy Company
Southwestern Energy Compa
Spartan Energy Corp.
SRC Energy Inc.
Superior Energy Services,
Surge Energy Inc.
TORC Oil & Gas Ltd.
Transocean Ltd.
Trican Well Service Ltd.
Trinidad Drilling Ltd.
Tullow Oil plc
Unit Corporation
Vallourec SA
Whitehaven Coal Limited
Whiting Petroleum Corpora
WPX Energy, Inc.
Honghua Group Limited

GICS 1010

Akastor ASA
Aker BP ASA
Anadarko Petroleum Corpor
Apache Corporation
Archrock, Inc.
Baytex Energy Corp.
Beach Energy Limited
Bonavista Energy Corporat
BW Offshore Limited
Callon Petroleum Company
Carrizo Oil & Gas, Inc.
Cheniere Energy, Inc.
China Suntien Green Energ
Cimarex Energy Co.
CNX Resources Corporation
Concho Resources Inc.
Cosmo Energy Holdings Co.
Crescent Point Energy Cor
Crew Energy Inc.
Energen Corporation
Enerplus Corporation
EnQuest PLC
Esso S.A.F.
Etablissements Maurel & P
Exmar NV
Gibson Energy Inc.
Gran Tierra Energy Inc.
Helix Energy Solutions Gr
Hengyuan Refining Company
Hess Corporation
HighPoint Resources Corpo
Höegh LNG Holdings Ltd.
Hunting plc
Japan Drilling Co., Ltd.
Lundin Petroleum AB (publ
Marathon Oil Corporation
McDermott International,
MEG Energy Corp.
MIE Holdings Corporation
Murphy Oil Corporation

Nabors Industries Ltd.
Noble Energy, Inc.
NuVista Energy Ltd.
Obsidian Energy Ltd.
Origin Energy Limited
Painted Pony Energy Ltd.
Paramount Resources Ltd.
Patterson-UTI Energy, Inc
PDC Energy, Inc.
Pengrowth Energy Corporat
Petroleum Geo-Services AS
Pioneer Natural Resources
Precision Drilling Corpor
Premier Oil plc
QEP Resources, Inc.
Range Resources Corporati
Ring Energy, Inc.
Santos Limited
Saras S.p.A.
SEACOR Holdings Inc.
Secure Energy Services In
Sino Oil and Gas Holdings
SM Energy Company
Southwestern Energy Compa
Spartan Energy Corp.
SRC Energy Inc.
Superior Energy Services,
Surge Energy Inc.
TORC Oil & Gas Ltd.
Transocean Ltd.
Trican Well Service Ltd.
Trinidad Drilling Ltd.
Tullow Oil plc
Unit Corporation
Vallourec SA
Whitehaven Coal Limited
Whiting Petroleum Corpora
WPX Energy, Inc.
Honghua Group Limited

GICS 101010

Akastor ASA
Archrock, Inc.
BW Offshore Limited
Helix Energy Solutions Gr
Hunting plc
Japan Drilling Co., Ltd.
McDermott International,
Nabors Industries Ltd.
Patterson-UTI Energy, Inc
Petroleum Geo-Services AS
Precision Drilling Corpor
SEACOR Holdings Inc.
Secure Energy Services In
Superior Energy Services,
Transocean Ltd.
Trican Well Service Ltd.
Trinidad Drilling Ltd.
Unit Corporation
Vallourec SA
Honghua Group Limited

GICS 101020

Aker BP ASA
Anadarko Petroleum Corpor
Apache Corporation
Baytex Energy Corp.
Beach Energy Limited
Bonavista Energy Corporat
Callon Petroleum Company
Carrizo Oil & Gas, Inc.
Cheniere Energy, Inc.
China Suntien Green Energ
Cimarex Energy Co.
CNX Resources Corporation
Concho Resources Inc.
Cosmo Energy Holdings Co.
Crescent Point Energy Cor
Crew Energy Inc.
Energen Corporation
Enerplus Corporation
EnQuest PLC
Esso S.A.F.
Etablissements Maurel & P
Exmar NV
Gibson Energy Inc.
Gran Tierra Energy Inc.
Hengyuan Refining Company
Hess Corporation
HighPoint Resources Corpo
Höegh LNG Holdings Ltd.
Lundin Petroleum AB (publ
Marathon Oil Corporation
MEG Energy Corp.
MIE Holdings Corporation
Murphy Oil Corporation
Noble Energy, Inc.
NuVista Energy Ltd.
Obsidian Energy Ltd.
Origin Energy Limited
Painted Pony Energy Ltd.
Paramount Resources Ltd.
PDC Energy, Inc.
Pengrowth Energy Corporat
Pioneer Natural Resources
Premier Oil plc
QEP Resources, Inc.
Range Resources Corporati
Ring Energy, Inc.
Santos Limited
Saras S.p.A.
Sino Oil and Gas Holdings
SM Energy Company
Southwestern Energy Compa
Spartan Energy Corp.
SRC Energy Inc.
Surge Energy Inc.
TORC Oil & Gas Ltd.
Tullow Oil plc
Whitehaven Coal Limited
Whiting Petroleum Corpora
WPX Energy, Inc.

GICS 15

Acacia Mining plc
AK Steel Holding Corporat
Alacer Gold Corp.
Alamos Gold Inc.
Allegheny Technologies In
Anglo American Platinum L
Anglo American plc
AngloGold Ashanti Limited
ArcelorMittal
B2Gold Corp.
Barrick Gold Corporation
Bengang Steel Plates Co.,
BlueScope Steel Limited
CEMEX, S.A.B. de C.V.
Century Aluminum Company
Chiho Environmental Group
China National Building M
China National Materials
China Petrochemical Devel
China Sanjiang Fine Chemi
Chung Hung Steel Corporat
Detour Gold Corporation
Dongkuk Steel Mill Compan
Ecopro Co., Ltd.
Endeavour Mining Corporat
ERAMET S.A.
Evolution Mining Limited
EVRAZ plc
Ezz Steel Company
Ferro Corporation
First Majestic Silver Cor
Fortuna Silver Mines Inc.
Freeport-McMoRan Inc.
Gerdau S.A.
Godo Steel, Ltd.
Goldcorp Inc.
Goldsun Building Material
Harmony Gold Mining Compa
Hecla Mining Company
Hochschild Mining plc
Hudbay Minerals Inc.
IAMGOLD Corporation
Impala Platinum Holdings
Independence Group NL
Jinchuan Group Internatio
Jindal Stainless Limited
Jindal Steel & Power Limi
KAZ Minerals PLC
Kinross Gold Corporation
PT Krakatau Steel (Perser
Lonmin Plc
Magnesita Refratários S.A
Major Drilling Group Inte
Mexichem, S.A.B. de C.V.
Compañía de Minas Buenave
Minera Frisco, S.A.B. de
MMG Limited
New Gold Inc.
Newcrest Mining Limited

NewMarket Corporation
Newmont Mining Corporatio
Nisshin Steel Co., Ltd.
Northam Platinum Limited
Nyrstar NV
OCI Company Ltd
OCI N.V.
OSAKA Titanium technologi
Outokumpu Oyj
Pan American Silver Corp.
PT Pelat Timah Nusantara
Public Joint Stock Compan
Royal Bafokeng Platinum L
Sandstorm Gold Ltd.
Schmolz + Bickenbach AG
Schnitzer Steel Industrie
A. Schulman, Inc.
Semapa - Sociedade de Inv
Silvercorp Metals Inc.
Sinofert Holdings Limited
SK Discovery Co., Ltd.
SSAB AB (publ)
SSR Mining Inc.
St Barbara Limited
Tanaka Chemical Corporati
Taseko Mines Limited
Toho Titanium Co., Ltd.
Tokuyama Corporation
Tokyo Steel Manufacturing
Tongfang Kontafarma Holdi
Tongyang Inc.
Turquoise Hill Resources
UltraTech Cement Limited
United States Steel Corpo
Usinas Siderúrgicas de Mi
Vedanta Limited
Vedanta Resources plc
Volcan Compañía Minera S.
Western Areas Limited

GICS 1510

Acacia Mining plc
AK Steel Holding Corporat
Alacer Gold Corp.
Alamos Gold Inc.
Allegheny Technologies In
Anglo American Platinum L
Anglo American plc
AngloGold Ashanti Limited
ArcelorMittal
B2Gold Corp.
Barrick Gold Corporation
Bengang Steel Plates Co.,
BlueScope Steel Limited
CEMEX, S.A.B. de C.V.
Century Aluminum Company
Chiho Environmental Group
China National Building M
China National Materials
China Petrochemical Devel
China Sanjiang Fine Chemi

Chung Hung Steel Corporat
 Detour Gold Corporation
 Dongkuk Steel Mill Compan
 Ecopro Co., Ltd.
 Endeavour Mining Corporat
 ERAMET S.A.
 Evolution Mining Limited
 EVRAZ plc
 Ezz Steel Company
 Ferro Corporation
 First Majestic Silver Cor
 Fortuna Silver Mines Inc.
 Freeport-McMoRan Inc.
 Gerdau S.A.
 Godo Steel, Ltd.
 Goldcorp Inc.
 Goldsun Building Material
 Harmony Gold Mining Compa
 Hecla Mining Company
 Hochschild Mining plc
 Hudbay Minerals Inc.
 IAMGOLD Corporation
 Impala Platinum Holdings
 Independence Group NL
 Jinchuan Group Internatio
 Jindal Stainless Limited
 Jindal Steel & Power Limi
 KAZ Minerals PLC
 Kinross Gold Corporation
 PT Krakatau Steel (Perser
 Lonmin Plc
 Magnesita Refratários S.A
 Major Drilling Group Inte
 Mexichem, S.A.B. de C.V.
 Compañía de Minas Buenave
 Minera Frisco, S.A.B. de
 MMG Limited
 New Gold Inc.
 Newcrest Mining Limited
 NewMarket Corporation
 Newmont Mining Corporatio
 Nisshin Steel Co., Ltd.
 Northam Platinum Limited
 Nyrstar NV
 OCI Company Ltd
 OCI N.V.
 OSAKA Titanium technologi
 Outokumpu Oyj
 Pan American Silver Corp.
 PT Pelat Timah Nusantara
 Public Joint Stock Compan
 Royal Bafokeng Platinum L
 Sandstorm Gold Ltd.
 Schmolz + Bickenbach AG
 Schnitzer Steel Industrie
 A. Schulman, Inc.
 Semapa - Sociedade de Inv
 Silvercorp Metals Inc.
 Sinofert Holdings Limited
 SK Discovery Co., Ltd.
 SSAB AB (publ)

SSR Mining Inc.
 St Barbara Limited
 Tanaka Chemical Corporati
 Taseko Mines Limited
 Toho Titanium Co., Ltd.
 Tokuyama Corporation
 Tokyo Steel Manufacturing
 Tongfang Kontafarma Holdi
 Tongyang Inc.
 Turquoise Hill Resources
 UltraTech Cement Limited
 United States Steel Corpo
 Usinas Siderúrgicas de Mi
 Vedanta Limited
 Vedanta Resources plc
 Volcan Compañía Minera S.
 Western Areas Limited

GICS 151010

China Petrochemical Devel
 China Sanjiang Fine Chemi
 Ecopro Co., Ltd.
 Ferro Corporation
 Mexichem, S.A.B. de C.V.
 NewMarket Corporation
 OCI Company Ltd
 OCI N.V.
 A. Schulman, Inc.
 Sinofert Holdings Limited
 SK Discovery Co., Ltd.
 Tanaka Chemical Corporati
 Tokuyama Corporation

GICS 151020

CEMEX, S.A.B. de C.V.
 China National Building M
 China National Materials
 Goldsun Building Material
 Magnesita Refratários S.A
 Tongfang Kontafarma Holdi
 Tongyang Inc.
 UltraTech Cement Limited

GICS 151040

Acacia Mining plc
 AK Steel Holding Corporat
 Alacer Gold Corp.
 Alamos Gold Inc.
 Allegheny Technologies In
 Anglo American Platinum L
 Anglo American plc
 AngloGold Ashanti Limited
 ArcelorMittal
 B2Gold Corp.
 Barrick Gold Corporation
 Bengang Steel Plates Co.,
 BlueScope Steel Limited
 Century Aluminum Company
 Chiho Environmental Group
 Chung Hung Steel Corporat
 Detour Gold Corporation

Dongkuk Steel Mill Compan
 Endeavour Mining Corporat
 ERAMET S.A.
 Evolution Mining Limited
 EVRAZ plc
 Ezz Steel Company
 First Majestic Silver Cor
 Fortuna Silver Mines Inc.
 Freeport-McMoRan Inc.
 Gerdau S.A.
 Godo Steel, Ltd.
 Goldcorp Inc.
 Harmony Gold Mining Compa
 Hecla Mining Company
 Hochschild Mining plc
 Hudbay Minerals Inc.
 IAMGOLD Corporation
 Impala Platinum Holdings
 Independence Group NL
 Jinchuan Group Internatio
 Jindal Stainless Limited
 Jindal Steel & Power Limi
 KAZ Minerals PLC
 Kinross Gold Corporation
 PT Krakatau Steel (Perser
 Lonmin Plc
 Major Drilling Group Inte
 Compañía de Minas Buenave
 Minera Frisco, S.A.B. de
 MMG Limited
 New Gold Inc.
 Newcrest Mining Limited
 Newmont Mining Corporatio
 Nisshin Steel Co., Ltd.
 Northam Platinum Limited
 Nyrstar NV
 OSAKA Titanium technologi
 Outokumpu Oyj
 Pan American Silver Corp.
 PT Pelat Timah Nusantara
 Public Joint Stock Compan
 Royal Bafokeng Platinum L
 Sandstorm Gold Ltd.
 Schmolz + Bickenbach AG
 Schnitzer Steel Industrie
 Silvercorp Metals Inc.
 SSAB AB (publ)
 SSR Mining Inc.
 St Barbara Limited
 Taseko Mines Limited
 Toho Titanium Co., Ltd.
 Tokyo Steel Manufacturing
 Turquoise Hill Resources
 United States Steel Corpo
 Usinas Siderúrgicas de Mi
 Vedanta Limited
 Vedanta Resources plc
 Volcan Compañía Minera S.
 Western Areas Limited

GICS 20

Public Joint Stock Compan
Aerojet Rocketdyne Holdin
AG Anadolu Grubu Holding
Air France-KLM SA
American Woodmark Corpora
Asiana Airlines, Inc.
Astaldi S.p.A.
Avianca Holdings S.A.
Latécoère S.A.
Berjaya Corporation Berha
Bilfinger SE
Bombardier Inc.
Capita plc
Capital Environment Holdi
Casella Waste Systems, In
CG Power and Industrial S
Chemring Group plc
Compagnie Industriali Riu
CITIC Limited
Cleanaway Waste Managemen
Cobham plc
Daewoo Engineering & Cons
Dampskibsselskabet Norden
De La Rue plc
R.R. Donnelley & Sons Com
Doosan Heavy Industries &
Doosan Infracore Co., Ltd
The Dun & Bradstreet Corp
Edenred SA
Engility Holdings, Inc.
Evergreen Marine Corporat
FDK Corporation
Fomento de Construcciones
Fosun International Limit
Futaba Corporation
Gayatri Projects Limited
General Cable Corporation
GMR Infrastructure Limite
GOL Linhas Aéreas Intelig
Golden Ocean Group Limite
Great Lakes Dredge & Dock
Grindrod Limited
Hanjin Heavy Industries &
Harbin Electric Company L
Harsco Corporation
Heidelberger Druckmaschin
Heidrick & Struggles Inte
Hertz Global Holdings, In
Hindustan Construction Co
Hyundai Elevator Co., Ltd
Hyundai Heavy Industries
The Japan Steel Works, Lt
Jet Airways (India) Limit
JSL S.A.
KAMA Co.,Ltd.
Kawasaki Kisen Kaisha, Lt
KBR, Inc.
Klöckner & Co SE
Kratos Defense & Security
Kumho Industrial Co., Ltd

LATAM Airlines Group S.A.
Leonardo S.p.a.
Lockheed Martin Corporati
Meritor, Inc.
Mitie Group plc
Mitsui O.S.K. Lines, Ltd.
Mitsui Soko Holdings Co.,
Nexans S.A.
Nippon Sharyo, Ltd.
Nippon Yusen Kabushiki Ka
Noble Group Limited
Norwegian Air Shuttle ASA
Obrascón Huarte Lain, S.A
Pacific Basin Shipping Li
PostNL N.V.
Precious Shipping Public
Rentokil Initial plc
Roadrunner Transportation
Sacyr, S.A.
Sadbhav Engineering Limit
Samsung Heavy Industries
Sany Heavy Equipment Inte
Serco Group plc
SGL Carbon SE
SIG plc
Sinotrans Shipping Limite
SpiceJet Limited
Suzlon Energy Limited
Team, Inc.
Thai Airways Internationa
Titan Machinery Inc.
TransDigm Group Incorpora
Triumph Group, Inc.
Vicor Corporation
Vossloh AG
Xiamen International Port
Yang Ming Marine Transpor
YRC Worldwide Inc.

GICS 2010

Aerojet Rocketdyne Holdin
American Woodmark Corpora
Astaldi S.p.A.
Latécoère S.A.
Bombardier Inc.
CG Power and Industrial S
Chemring Group plc
CITIC Limited
Cobham plc
Daewoo Engineering & Cons
Doosan Heavy Industries &
Doosan Infracore Co., Ltd
Engility Holdings, Inc.
FDK Corporation
Fomento de Construcciones
Fosun International Limit
Futaba Corporation
Gayatri Projects Limited
General Cable Corporation
Great Lakes Dredge & Dock
Hanjin Heavy Industries &

Harbin Electric Company L
Hindustan Construction Co
Hyundai Elevator Co., Ltd
Hyundai Heavy Industries
The Japan Steel Works, Lt
KAMA Co.,Ltd.
KBR, Inc.
Klöckner & Co SE
Kumho Industrial Co., Ltd
Leonardo S.p.a.
Lockheed Martin Corporati
Meritor, Inc.
Nexans S.A.
Nippon Sharyo, Ltd.
Noble Group Limited
Obrascón Huarte Lain, S.A
Sadbhav Engineering Limit
Samsung Heavy Industries
Sany Heavy Equipment Inte
SGL Carbon SE
SIG plc
Titan Machinery Inc.
TransDigm Group Incorpora
Triumph Group, Inc.
Vossloh AG

GICS 201010

Aerojet Rocketdyne Holdin
Latécoère S.A.
Bombardier Inc.
Chemring Group plc
Cobham plc
Engility Holdings, Inc.
Leonardo S.p.a.
Lockheed Martin Corporati
TransDigm Group Incorpora
Triumph Group, Inc.

GICS 201030

Astaldi S.p.A.
Daewoo Engineering & Cons
Fomento de Construcciones
Gayatri Projects Limited
Great Lakes Dredge & Dock
Hindustan Construction Co
KBR, Inc.
Kumho Industrial Co., Ltd
Obrascón Huarte Lain, S.A
Sadbhav Engineering Limit

GICS 201060

Doosan Infracore Co., Ltd
Hyundai Elevator Co., Ltd
The Japan Steel Works, Lt
Meritor, Inc.
Nippon Sharyo, Ltd.
Samsung Heavy Industries
Sany Heavy Equipment Inte
Vossloh AG

GICS 2020

Capita plc
Capital Environment Holdi
Casella Waste Systems, In
Cleanaway Waste Managemen
De La Rue plc
The Dun & Bradstreet Corp
Edenred SA
Heidrick & Struggles Inte
Mitie Group plc
Rentokil Initial plc
Serco Group plc
Team, Inc.

GICS 202010

Capital Environment Holdi
Casella Waste Systems, In
Cleanaway Waste Managemen
De La Rue plc
Edenred SA
Mitie Group plc
Rentokil Initial plc

GICS 2030

Public Joint Stock Compan
Air France-KLM SA
Asiana Airlines, Inc.
Avianca Holdings S.A.
Dampskibsselskabet Norden
Evergreen Marine Corporat
GOL Linhas Aéreas Intelig
Golden Ocean Group Limite
Grindrod Limited
Hertz Global Holdings, In
Jet Airways (India) Limit
JSL S.A.
Kawasaki Kisen Kaisha, Lt
LATAM Airlines Group S.A.
Mitsui O.S.K. Lines, Ltd.
Mitsui Soko Holdings Co.,
Nippon Yusen Kabushiki Ka
Norwegian Air Shuttle ASA
Pacific Basin Shipping Li
PostNL N.V.
Precious Shipping Public
Roadrunner Transportation
Sinotrans Shipping Limite
SpiceJet Limited
Thai Airways Internationa
Xiamen International Port
Yang Ming Marine Transpor
YRC Worldwide Inc.

GICS 203020

Public Joint Stock Compan
Air France-KLM SA
Asiana Airlines, Inc.
Avianca Holdings S.A.
GOL Linhas Aéreas Intelig
Jet Airways (India) Limit
LATAM Airlines Group S.A.

Norwegian Air Shuttle ASA
SpiceJet Limited
Thai Airways Internationa

GICS 203030

Dampskibsselskabet Norden
Evergreen Marine Corporat
Golden Ocean Group Limite
Kawasaki Kisen Kaisha, Lt
Mitsui O.S.K. Lines, Ltd.
Pacific Basin Shipping Li
Precious Shipping Public
Sinotrans Shipping Limite
Yang Ming Marine Transpor

GICS 25

Aimia Inc.
Akebono Brake Industry Co
AMC Networks Inc.
AmTRAN Technology Co.,Ltd
Arnoldo Mondadori Editore
Ascena Retail Group, Inc.
AutoZone, Inc.
B2W - Companhia Digital
Barnes & Noble, Inc.
Belmond Ltd.
H&R Block, Inc.
Boyd Gaming Corporation
Brinker International, In
Central European Media En
China First Capital Group
Choice Hotels Internation
Clear Channel Outdoor Hol
Codere, S.A.
Crocs, Inc.
Denny's Corporation
Dignity plc
Dine Brands Global, Inc.
Dish TV India Limited
Dollarama Inc.
Ei Group plc
Esprit Holdings Limited
Fairfax Media Limited
Fields Corporation
GEDI Gruppo Editoriale S.
GOME Retail Holdings Limi
GVC Holdings PLC
Hovnanian Enterprises, In
HT&E Limited
Hudson's Bay Company
Hunan Tyen Machinery Co.,
Iconix Brand Group, Inc.
The Indian Hotels Company
InterContinental Hotels G
Jack in the Box Inc.
Juventus Football Club S.
JVC KENWOOD Corporation
Kappa-Create Co., Ltd.
L Brands, Inc.
Launch Tech Company Limit
Li Ning Company Limited

Live Nation Entertainment
Lumber Liquidators Holdin
Maoye International Holdi
Marriott International, I
McDonald's Corporation
McDonald's Holdings Compa
Mediaset S.p.A.
mobilezone holding ag
Motorcar Parts of America
National CineMedia, Inc.
NH Hotel Group, S.A.
Overstock.com, Inc.
Pearson plc
Penn National Gaming, Inc
J. C. Penney Company, Inc
Peugeot S.A.
Pierre & Vacances SA
Pinnacle Entertainment, I
Pioneer Corporation
Qurate Retail Group, Inc.
Regis Corporation
Rent-A-Center, Inc.
RH
Round One Corporation
Safilo Group S.p.A.
Sally Beauty Holdings, In
Sanden Holdings Corporati
Sanoma Oyj
Sanyang Motor Co., Ltd.
Senshukai Co., Ltd.
Seobu T&D Co., Ltd.
Seven West Media Limited
Shanghai Jin Jiang Intern
Sharp Corporation
Sirius XM Holdings Inc.
SITI Networks Limited
Solocal Group S.A.
Sonic Automotive, Inc.
Sonic Corp.
Southern Cross Media Grou
Ssangyong Motor Company
Stockmann Oyj ABP
Sun International Limited
Sungwoo Hitech Co., Ltd.
Tailored Brands, Inc.
Telenet Group Holding NV
Thal Limited
Tile Shop Holdings, Inc.
TomTom N.V.
TOMY Company, Ltd.
Tupperware Brands Corpora
TV Azteca SAB de CV
Watami Co., Ltd.
Weight Watchers Internati
John Wiley & Sons, Inc.
Wynn Resorts, Limited
YUM! Brands, Inc.

GICS 2510

Akebono Brake Industry Co
China First Capital Group

Hunan Tyen Machinery Co.,
Launch Tech Company Limit
Motorcar Parts of America
Peugeot S.A.
Sanyang Motor Co., Ltd.
Ssangyong Motor Company
Sungwoo Hitech Co., Ltd.

GICS 251010

Akebono Brake Industry Co
China First Capital Group
Hunan Tyen Machinery Co.,
Launch Tech Company Limit
Motorcar Parts of America
Sungwoo Hitech Co., Ltd.

GICS 2520

AmTRAN Technology Co.,Ltd
Crocs, Inc.
Fields Corporation
Hovnanian Enterprises, In
Iconix Brand Group, Inc.
JVC KENWOOD Corporation
Li Ning Company Limited
Pioneer Corporation
Safilo Group S.p.A.
Sharp Corporation
TomTom N.V.
TOMY Company, Ltd.
Tupperware Brands Corpora

GICS 252010

AmTRAN Technology Co.,Ltd
Hovnanian Enterprises, In
JVC KENWOOD Corporation
Pioneer Corporation
Sharp Corporation
TomTom N.V.
Tupperware Brands Corpora

GICS 2530

Belmond Ltd.
H&R Block, Inc.
Boyd Gaming Corporation
Brinker International, In
Choice Hotels Internation
Codere, S.A.
Denny's Corporation
Dignity plc
Ei Group plc
GVC Holdings PLC
The Indian Hotels Company
InterContinental Hotels G
Jack in the Box Inc.
Kappa-Create Co., Ltd.
Marriott International, I
McDonald's Corporation
McDonald's Holdings Compa
NH Hotel Group, S.A.
Penn National Gaming, Inc
Pierre & Vacances SA

Pinnacle Entertainment, I
Regis Corporation
Round One Corporation
Shanghai Jin Jiang Intern
Sonic Corp.
Sun International Limited
Watami Co., Ltd.
Weight Watchers Internati
Wynn Resorts, Limited
YUM! Brands, Inc.

GICS 253010

Belmond Ltd.
Boyd Gaming Corporation
Brinker International, In
Choice Hotels Internation
Codere, S.A.
Denny's Corporation
Ei Group plc
GVC Holdings PLC
The Indian Hotels Company
InterContinental Hotels G
Jack in the Box Inc.
Kappa-Create Co., Ltd.
Marriott International, I
McDonald's Corporation
McDonald's Holdings Compa
NH Hotel Group, S.A.
Penn National Gaming, Inc
Pierre & Vacances SA
Pinnacle Entertainment, I
Round One Corporation
Shanghai Jin Jiang Intern
Sonic Corp.
Sun International Limited
Watami Co., Ltd.
Wynn Resorts, Limited
YUM! Brands, Inc.

GICS 2540

Aimia Inc.
AMC Networks Inc.
Arnoldo Mondadori Editore
Central European Media En
Clear Channel Outdoor Hol
Dish TV India Limited
Fairfax Media Limited
GEDI Gruppo Editoriale S.
HT&E Limited
Juventus Football Club S.
Live Nation Entertainment
Mediaset S.p.A.
National CineMedia, Inc.
Pearson plc
Sanoma Oyj
Seven West Media Limited
Sirius XM Holdings Inc.
SITI Networks Limited
Solocal Group S.A.
Southern Cross Media Grou
Telenet Group Holding NV

TV Azteca SAB de CV
John Wiley & Sons, Inc.

GICS 2550

Ascena Retail Group, Inc.
AutoZone, Inc.
B2W - Companhia Digital
Barnes & Noble, Inc.
Dollarama Inc.
Esprit Holdings Limited
GOME Retail Holdings Limi
Hudson's Bay Company
L Brands, Inc.
Lumber Liquidators Holdin
Maoye International Holdi
mobilezone holding ag
Overstock.com, Inc.
J. C. Penney Company, Inc
Qurate Retail Group, Inc.
Rent-A-Center, Inc.
RH
Sally Beauty Holdings, In
Senshukai Co., Ltd.
Seobu T&D Co., Ltd.
Sonic Automotive, Inc.
Stockmann Oyj ABP
Tailored Brands, Inc.
Tile Shop Holdings, Inc.

GICS 255040

Ascena Retail Group, Inc.
AutoZone, Inc.
Barnes & Noble, Inc.
Esprit Holdings Limited
GOME Retail Holdings Limi
L Brands, Inc.
Lumber Liquidators Holdin
mobilezone holding ag
Rent-A-Center, Inc.
RH
Sally Beauty Holdings, In
Seobu T&D Co., Ltd.
Sonic Automotive, Inc.
Tailored Brands, Inc.
Tile Shop Holdings, Inc.

GICS 30

ARYZTA AG
Avon Products, Inc.
Casey's General Stores, I
China Modern Dairy Holdin
Colgate-Palmolive Company
Conagra Brands, Inc.
Cott Corporation
Empire Company Limited
Herbalife Nutrition Ltd.
Spectrum Brands Holdings,
Lianhua Supermarket Holdi
Marfrig Global Foods S.A.
Marie Brizard Wine & Spir
Migros Ticaret A.S.

Minerva S.A.
Philip Morris Internation
Post Holdings, Inc.
Premier Foods plc
PT Eagle High Plantations
Rallye SA
Revlon, Inc.
SUPERVALU INC.
Tesco PLC
TreeHouse Foods, Inc.
United Spirits Limited
Wei Chuan Foods Corporati

GICS 3010

Casey's General Stores, I
Empire Company Limited
Lianhua Supermarket Holdi
Migros Ticaret A.S.
Rallye SA
SUPERVALU INC.
Tesco PLC

GICS 3020

ARYZTA AG
China Modern Dairy Holdin
Conagra Brands, Inc.
Cott Corporation
Marfrig Global Foods S.A.
Marie Brizard Wine & Spir
Minerva S.A.
Philip Morris Internation
Post Holdings, Inc.
Premier Foods plc
PT Eagle High Plantations
TreeHouse Foods, Inc.
United Spirits Limited
Wei Chuan Foods Corporati

GICS 302020

ARYZTA AG
China Modern Dairy Holdin
Conagra Brands, Inc.
Marfrig Global Foods S.A.
Minerva S.A.
Post Holdings, Inc.
Premier Foods plc
PT Eagle High Plantations
TreeHouse Foods, Inc.
Wei Chuan Foods Corporati

GICS 3030

Avon Products, Inc.
Colgate-Palmolive Company
Herbalife Nutrition Ltd.
Spectrum Brands Holdings,
Revlon, Inc.

GICS 35

Acorda Therapeutics, Inc.
Allscripts Healthcare Sol
AMAG Pharmaceuticals, Inc

Amedisys, Inc.
AngioDynamics, Inc.
Ascom Holding AG
Bavarian Nordic A/S
Boston Scientific Corpora
Brookdale Senior Living I
CMG Pharmaceutical Co., L
Community Health Systems,
Cross Country Healthcare,
DENTSPLY SIRONA Inc.
Depomed, Inc.
Fagron NV
Fortis Healthcare Limited
Genus plc
Golden Meditech Holdings
Green Cross Cell corporat
H. Lundbeck A/S
HCA Healthcare, Inc.
Hikma Pharmaceuticals PLC
Hologic, Inc.
IDEXX Laboratories, Inc.
Impax Laboratories, Inc.
Incyte Corporation
Innoviva, Inc.
iNtRON Biotechnology, Inc
Invacare Corporation
JW Pharmaceutical Corpora
Kindred Healthcare, LLC
Komipharm International C
Lotus Pharmaceutical Co.,
MEDIPPOST Co., Ltd.
Molina Healthcare, Inc.
NichiiGakkan Co., Ltd.
China NT Pharma Group Com
Patterson Companies, Inc.
Pharma Mar, S.A.
Quidel Corporation
Sequent Scientific Limite
Teligent, Inc.
Tenet Healthcare Corporat
Teva Pharmaceutical Indus
Bausch Health Companies I
Vectura Group plc

GICS 3510

Allscripts Healthcare Sol
Amedisys, Inc.
AngioDynamics, Inc.
Ascom Holding AG
Boston Scientific Corpora
Brookdale Senior Living I
Community Health Systems,
Cross Country Healthcare,
DENTSPLY SIRONA Inc.
Fagron NV
Fortis Healthcare Limited
Golden Meditech Holdings
HCA Healthcare, Inc.
Hologic, Inc.
IDEXX Laboratories, Inc.
Invacare Corporation

Kindred Healthcare, LLC
MEDIPPOST Co., Ltd.
Molina Healthcare, Inc.
NichiiGakkan Co., Ltd.
China NT Pharma Group Com
Patterson Companies, Inc.
Quidel Corporation
Tenet Healthcare Corporat

GICS 351010

AngioDynamics, Inc.
Boston Scientific Corpora
DENTSPLY SIRONA Inc.
Hologic, Inc.
IDEXX Laboratories, Inc.
Invacare Corporation
Quidel Corporation

GICS 351020

Amedisys, Inc.
Brookdale Senior Living I
Community Health Systems,
Cross Country Healthcare,
Fagron NV
Fortis Healthcare Limited
HCA Healthcare, Inc.
Kindred Healthcare, LLC
MEDIPPOST Co., Ltd.
Molina Healthcare, Inc.
NichiiGakkan Co., Ltd.
China NT Pharma Group Com
Patterson Companies, Inc.
Tenet Healthcare Corporat

GICS 3520

Acorda Therapeutics, Inc.
AMAG Pharmaceuticals, Inc
Bavarian Nordic A/S
CMG Pharmaceutical Co., L
Depomed, Inc.
Genus plc
Green Cross Cell corporat
H. Lundbeck A/S
Hikma Pharmaceuticals PLC
Impax Laboratories, Inc.
Incyte Corporation
Innoviva, Inc.
iNtRON Biotechnology, Inc
JW Pharmaceutical Corpora
Komipharm International C
Lotus Pharmaceutical Co.,
Pharma Mar, S.A.
Sequent Scientific Limite
Teligent, Inc.
Teva Pharmaceutical Indus
Bausch Health Companies I
Vectura Group plc

GICS 352010

Acorda Therapeutics, Inc.
AMAG Pharmaceuticals, Inc

Bavarian Nordic A/S
Genus plc
Green Cross Cell corporat
Incyte Corporation
iNtRON Biotechnology, Inc

GICS 352020

CMG Pharmaceutical Co., L
Depomed, Inc.
H. Lundbeck A/S
Hikma Pharmaceuticals PLC
Impax Laboratories, Inc.
Innoviva, Inc.
JW Pharmaceutical Corpora
Komipharm International C
Lotus Pharmaceutical Co.,
Sequent Scientific Limite
Teligent, Inc.
Teva Pharmaceutical Indus
Bausch Health Companies I
Vectura Group plc

GICS 401010

AIB Group PLC
Ameris Bancorp
Banc of California, Inc.
PT Bank Danamon Indonesia
Chemical Financial Corpor
Customers Bancorp, Inc.
Fidelity Southern Corpora
Pacific Premier Bancorp,
The Royal Bank of Scotlan
Seacoast Banking Corporat
Southside Bancshares, Inc
UniCredit S.p.A.
Unione di Banche Italiane

GICS 402030

Canaccord Genuity Group I
Credit Suisse Group AG
DeA Capital S.p.A.
Deutsche Bank Aktiengesel
HMC Investment Securities
Investment Technology Gro
Man Group plc
SK Securities Co., Ltd.
TP ICAP plc

GICS 45

3D Systems Corporation
8x8, Inc.
Acer Incorporated
Advanced Micro Devices, I
Asia Optical Co., Inc.
Aspen Technology, Inc.
Autodesk, Inc.
BlackBerry Limited
Bottomline Technologies (
Ciena Corporation
CMC Magnetics Corporation
CMK Corporation

Cypress Semiconductor Cor
Darwin Precisions Corpora
Diebold Nixdorf, In corpor
E Ink Holdings Inc.
Electro Scientific Indust
EPISTAR corporation
Extreme Networks, Inc.
Ferrotec Holdings Corpora
FIH Mobile Limited
FormFactor, Inc.
Gartner, Inc.
GCL-Poly Energy Holdings
Genius Electronic Optical
Gintech Energy Corporatio
Hansol Technics Co., Ltd.
HCL Technologies Limited
Hi Sun Technology (China)
homecast Co., Ltd.
HP Inc.
ILJIN Materials Co., Ltd.
Indra Sistemas, S.A.
Infina Corporation
Interflex Co., Ltd.
JUSUNG ENGINEERING Co.,Lt
Lattice Semiconductor Cor
Leyou Technologies Holdin
LivePerson, Inc.
Macronix International Co
MaxLinear, Inc.
Mitel Networks Corporatio
MoneyGram International,
Motech Industries, Inc.
Motorola Solutions, Inc.
Nan Ya Printed Circuit Bo
Nanjing Panda Electronics
NEXTDC Limited
Nichicon Corporation
Nippon Chemi-Con Corporat
Nokia Corporation
Otello Corporation ASA
REC Silicon ASA
RITEK Corporation
salesforce.com, inc.
Samsung SDI Co., Ltd.
SFA Semicon Co., Ltd.
Sierra Wireless, Inc.
Sino-American Silicon Pro
SMA Solar Technology AG
Sohu.com Limited
SunPower Corporation
Super Micro Computer, Inc
Syntel, Inc.
Telit Communications PLC
Toshiba Tec Corporation
TTM Technologies, Inc.
UKC Holdings Corporation
ULVAC, Inc.
Unisys Corporation
Veeco Instruments Inc.
VeriFone Systems, Inc.
VeriSign, Inc.

Wafer Works Corporation
Wemade Entertainment Co.,
The Western Union Company
Xintec Inc.
Zebra Technologies Corpor

GICS 4510

8x8, Inc.
Aspen Technology, Inc.
Autodesk, Inc.
BlackBerry Limited
Bottomline Technologies (
Gartner, Inc.
HCL Technologies Limited
Hi Sun Technology (China)
Indra Sistemas, S.A.
Leyou Technologies Holdin
LivePerson, Inc.
MoneyGram International,
NEXTDC Limited
Otello Corporation ASA
salesforce.com, inc.
Sohu.com Limited
Syntel, Inc.
Unisys Corporation
VeriSign, Inc.
Wemade Entertainment Co.,
The Western Union Company

GICS 451020

Gartner, Inc.
HCL Technologies Limited
Hi Sun Technology (China)
Indra Sistemas, S.A.
MoneyGram International,
Syntel, Inc.
Unisys Corporation
The Western Union Company

GICS 451030

8x8, Inc.
Aspen Technology, Inc.
Autodesk, Inc.
BlackBerry Limited
Bottomline Technologies (
Leyou Technologies Holdin
salesforce.com, inc.
Wemade Entertainment Co.,

GICS 4520

3D Systems Corporation
Acer Incorporated
Asia Optical Co., Inc.
Ciena Corporation
CMC Magnetics Corporation
CMK Corporation
E Ink Holdings Inc.
Electro Scientific Indust
Extreme Networks, Inc.
FIH Mobile Limited
Genius Electronic Optical

homecast Co., Ltd.
HP Inc.
ILJIN Materials Co., Ltd.
Infinera Corporation
Interflex Co., Ltd.
Nan Ya Printed Circuit Bo
Nanjing Panda Electronics
Nichicon Corporation
Nippon Chemi-Con Corporat
Nokia Corporation
RITEK Corporation
Sierra Wireless, Inc.
Super Micro Computer, Inc
Telit Communications PLC
Toshiba Tec Corporation
TTM Technologies, Inc.
UKC Holdings Corporation
VeriFone Systems, Inc.
Zebra Technologies Corpor

GICS 452010

Ciena Corporation
Extreme Networks, Inc.
homecast Co., Ltd.
Infinera Corporation
Nokia Corporation
Sierra Wireless, Inc.
Telit Communications PLC

GICS 452020

3D Systems Corporation
Acer Incorporated
CMC Magnetics Corporation
HP Inc.
RITEK Corporation
Super Micro Computer, Inc
Toshiba Tec Corporation

GICS 452030

Asia Optical Co., Inc.
CMK Corporation
E Ink Holdings Inc.
Electro Scientific Indust
FIH Mobile Limited
Genius Electronic Optical
ILJIN Materials Co., Ltd.
Interflex Co., Ltd.
Nan Ya Printed Circuit Bo
Nichicon Corporation
Nippon Chemi-Con Corporat
TTM Technologies, Inc.
UKC Holdings Corporation
Zebra Technologies Corpor

GICS 4530

Advanced Micro Devices, I
Cypress Semiconductor Cor
Darwin Precisions Corpora
EPISTAR corporation
FormFactor, Inc.
GCL-Poly Energy Holdings

Gintech Energy Corporatio
Hansol Technics Co., Ltd.
JUSUNG ENGINEERING Co.,Lt
Lattice Semiconductor Cor
Macronix International Co
MaxLinear, Inc.
Motech Industries, Inc.
REC Silicon ASA
SFA Semicon Co., Ltd.
Sino-American Silicon Pro
SMA Solar Technology AG
SunPower Corporation
ULVAC, Inc.
Veeco Instruments Inc.
Wafer Works Corporation
Xintec Inc.

GICS 50

Asia Pacific Telecom Co.,
Axtel, S.A.B. de C.V.
Cogent Communications Hol
Frontier Communications C
Global Telecom Holding S.
ORBCOMM Inc.
Reliance Communications L
Sejong Telecom, Inc.
Tata Communications Limit
Telefónica Deutschland Ho
True Corporation Public C
United States Cellular Co
Vocus Group Limited
Vodafone Qatar Q.S.C.
Windstream Holdings, Inc.

GICS 501010

Asia Pacific Telecom Co.,
Axtel, S.A.B. de C.V.
Cogent Communications Hol
Frontier Communications C
ORBCOMM Inc.
Sejong Telecom, Inc.
Telefónica Deutschland Ho
True Corporation Public C
Vocus Group Limited
Windstream Holdings, Inc.

GICS 55

Adani Power Limited
The AES Corporation
Atlantic Power Corporatio
Beijing Jingneng Clean En
Boralex Inc.
China Datang Corporation
China Longyuan Power Grou
The Chugoku Electric Powe
Direct Energie Société An
Centrais Elétricas Brasil
ENGIE SA
Falck Renewables S.p.A.
First Philippine Holdings
FirstEnergy Corp.

Hokkaido Electric Power C
Hokuriku Electric Power C
Huadian Fuxin Energy Corp
Huaneng Renewables Corpor
Innergex Renewable Energy
Just Energy Group Inc.
The Kansai Electric Power
Korea Gas Corporation
Kyushu Electric Power Com
NRG Energy, Inc.
Panda Green Energy Group
PTC India Limited
Public Power Corporation
RWE Aktiengesellschaft
Shikoku Electric Power Co
Sui Northern Gas Pipeline
Taiwan Cogeneration Corpo
Tokyo Electric Power Comp
TransAlta Corporation

GICS 551010

The Chugoku Electric Powe
Direct Energie Société An
Centrais Elétricas Brasil
First Philippine Holdings
FirstEnergy Corp.
Hokkaido Electric Power C
Hokuriku Electric Power C
The Kansai Electric Power
Kyushu Electric Power Com
Public Power Corporation
Shikoku Electric Power Co
Tokyo Electric Power Comp

GICS 551050

Adani Power Limited
The AES Corporation
Atlantic Power Corporatio
Beijing Jingneng Clean En
Boralex Inc.
China Datang Corporation
China Longyuan Power Grou
Falck Renewables S.p.A.
Huadian Fuxin Energy Corp
Huaneng Renewables Corpor
Innergex Renewable Energy
NRG Energy, Inc.
Panda Green Energy Group
PTC India Limited
Taiwan Cogeneration Corpo
TransAlta Corporation

GICS 601010

GLP J-REIT
Government Properties Inc
Hyprop Investments Limite
IGB Real Estate Investmen
Inmobiliaria Colonial, SO
Kenedix Residential Next
Kite Realty Group Trust
Mack-Cali Realty Corporat

Mapletree North Asia Comm
Nippon Prologis REIT, Inc
Pure Industrial Real Esta
Resilient REIT Limited
Starhill Global Real Esta

GICS 601020

Altus Group Limited
Forestar Group Inc.
Glorious Property Holding
IMMOFINANZ AG
Jerusalem Economy Ltd.
PT Kawasan Industri Jabab
Realia Business, S.A.
Suncity Group Holdings Li

Appendix E: GICS Codes in which Companies (Main Set) are Included, World

In appendix E, a listing of the GICS codes in which each of the companies in the set of “high-financial-risk” companies in the World region is presented.

361 Degrees International	25	2520	252030	Actron Technology Corpora	25	2510	251010
3i Group plc			402030	Acuity Brands, Inc.	20	2010	201040
888 Holdings plc	25	2530	253010	Acxiom Corporation	45	4510	451020
A. O. Smith Corporation	20	2010	201020	Adani Enterprises Limited	20	2010	201070
A.P. Møller - Mærsk A/S	20	2030	203030	Adani Ports and Special E	20	2030	203050
A2A S.p.A.	55		551030	Adastra Co., Ltd.	25	2550	255040
AAK AB (publ.)	30	3020	302020	ADATA Technology Co., Ltd	45	4530	
Aalberts Industries N.V.	20	2010	201060	Adcock Ingram Holdings Li	35	3520	352020
AAON, Inc.	20	2010	201020	ADDCN Technology Co., Ltd	45	4510	451010
AAR Corp.	20	2010	201010	Adecco Group AG	20	2020	202020
Aareal Bank AG			401020	Adelaide Brighton Limited	15	1510	151020
Aaron's, Inc.	25	2550	255040	Adidas AG	25	2520	252030
Aarti Industries Limited	15	1510	151010	ADLER Real Estate AG			601020
AB Electrolux (publ)	25	2520	252010	ADLINK Technology, Inc.	45	4520	452020
AB Volvo (publ)	20	2010	201060	Admiral Group plc			403010
Abaxis, Inc.	35	3510	351010	Adobe Systems Incorporate	45	4510	451030
AbbVie Inc.	35	3520	352010	Adtalem Global Education	25	2530	253020
ABC Arbitrage SA			402010	ADTRAN, Inc.	45	4520	452010
Abcam Plc	35	3520	352010	ADVA Optical Networking S	45	4520	452010
ABC-Mart, Inc.	25	2550	255040	Advan Co., Ltd.	20	2010	201070
Abercrombie & Fitch Co.	25	2550	255040	Advance Auto Parts, Inc.	25	2550	255040
Abertis Infraestructuras,	20	2030	203050	Advance Residence Investm			601010
ABIOMED, Inc.	35	3510	351010	Advanced Ceramic X Corpor	45	4520	452010
Able C&C Co., Ltd.	30	3030	303020	Advanced Energy Industrie	45	4530	
ABM Industries Incorporat	20			Advanced Info Service Pub	50		501020
Aboitiz Equity Ventures,	20	2010	201050	Advanced Medical Solution	35	3510	351010
Aboitiz Power Corporation	55		551050	Advanced Wireless Semicon	45	4530	
Abu Dhabi Commercial Bank			401010	Advantage Oil & Gas Ltd.	10	1010	101020
Acadia Healthcare Company	35	3510	351020	Advantech Co., Ltd.	45	4520	
Acadia Realty Trust			601010	Advantest Corporation	45	4530	
AcBel Polytech Inc.	20	2010	201040	ADvTECH Limited	25	2530	253020
ACC Limited	15	1510	151020	AECOM	20	2010	201030
Accell Group N.V.	25	2520	252020	Aecon Group Inc.	20	2010	201030
Accent Group Limited	25	2550	255040	Aedifica SA			601010
ACCO Brands Corporation	20	2020	202010	Aegean Airlines S.A.	20	2030	203020
Accor SA	25	2530	253010	Aegion Corporation	20	2010	201030
Accton Technology Corpora	45	4520	452010	Aegis Logistics Limited	10	1010	101020
ACEA S.p.A.	55			Aegon N.V.			403010
Acerinox, S.A.	15	1510	151040	Aeon Co., Ltd.	30	3010	
ACI Worldwide, Inc.	45	4510	451030	AEON Credit Service (M) B			402020
Ackermans & Van Haaren NV			402010	Aeon Delight Co., Ltd.	20	2020	202010
Acom Co., Ltd.			402020	Aeon Fantasy Co., Ltd.	25	2530	253010
ACS, Actividades de Const	20	2010	201030	AEON Financial Service Co			402020
Activia Properties Inc.			601010	AEON Mall Co., Ltd.			601020
Activision Blizzard, Inc.	45	4510	451030	Aéroports de Paris SA	20	2030	203050

AeroVironment, Inc.	20	2010	201010	Ajanta Pharma Limited	35	3520	352020
AES Gener S.A.	55		551050	Ajinomoto Co., Inc.	30	3020	302020
ÅF AB (publ)	20	2020	202020	AK Holdings, Inc.	15	1510	151010
Affiliated Managers Group			402030	Akamai Technologies, Inc.	45	4510	451010
Aflac Incorporated			403010	Akbank T.A.S.			401010
Africa Israel Properties			601020	Akçansa Çimento Sanayi ve	15	1510	151020
African Rainbow Minerals	15	1510	151040	Akorn, Inc.	35	3520	352020
AGC Inc.	20	2010	201020	Aksa Akriik Kimya Sanayi	25	2520	252030
AGCO Corporation	20	2010	201060	Aktiebolaget Industrivärd			402010
ageas SA/NV			403010	AKWEL	25	2510	251010
AGF Management Limited			402030	Akzo Nobel India Limited	15	1510	151010
Aggreko Plc	20			Akzo Nobel N.V.	15	1510	151010
Agile Group Holdings Limi			601020	Al Meera Consumer Goods C	30	3010	
Agilent Technologies, Inc	35	3520	352030	Al Waha Capital PJSC			402010
AGL Energy Limited	55		551030	Alamo Group Inc.	20	2010	201060
AGNC Investment Corp.			402040	Alaris Royalty Corp.			402030
Agnico Eagle Mines Limite	15	1510	151040	Albaraka Türk Katilim Ban			401010
Agree Realty Corporation			601010	Albemarle Corporation	15	1510	151010
Agricultural Bank of Chin			401010	Albioma	55		551050
Agthia Group PJSC	30	3020	302020	Alembic Pharmaceuticals L	35	3520	352020
Aguas Andinas S.A.	55		551040	Alexander's, Inc.			601010
AhnLab, Inc.	45	4510	451030	Alexandria Mineral Oils C	15	1510	151010
Ai Holdings Corporation	45	4520		Alexandria Real Estate Eq			601010
AIA Engineering Limited	20	2010	201060	Alexion Pharmaceuticals,	35	3520	352010
AIA Group Limited			403010	Alfa Laval AB (publ)	20	2010	201060
Aica Kogyo Company, Limit	20	2010	201020	Alfresa Holdings Corporat	35	3510	351020
Aichi Corporation	20	2010	201060	Algonquin Power & Utiliti	55		551050
Aichi Steel Corporation	15	1510	151040	Aliansce Shopping Centers			601020
Aida Engineering, Ltd.	20	2010	201060	Align Technology, Inc.	35	3510	351010
Aiful Corporation			402020	Alimentation Couche-Tard	30	3010	
Ain Holdings Inc.	30	3010		Alior Bank S.A.			401010
Ainsworth Game Technology	25	2530	253010	ALK-Abelló A/S	35	3520	352020
Air Arabia PJSC	20	2030	203020	Allcargo Logistics Limite	20	2030	203010
Air China Limited	20	2030	203020	Alleghany Corporation			403010
Air New Zealand Limited	20	2030	203020	Allegiant Travel Company	20	2030	203020
Air Products and Chemical	15	1510	151010	ALLETE, Inc.	55		
Air Transport Services Gr	20	2030		Alliance Bank Malaysia Be			401010
AirAsia Group Berhad	20	2030	203020	Alliant Energy Corporatio	55		551010
Airbus SE	20	2010	201010	Allianz SE			403010
Aircastle Limited	20	2010	201070	Allied Properties Real Es			601010
Airport City Ltd.			601020	Allreal Holding AG			601020
Airports of Thailand Publ	20	2030	203050	Alm. Brand A/S			403010
AirTAC International Grou	20	2010	201060	Almacenes Éxito S.A.	30	3010	
Aisan Industry Co., Ltd.	25	2510	251010	Almirall, S.A.	35	3520	352020
Aisin Seiki Co., Ltd.	25	2510	251010	Almost Family, Inc.	35	3510	351020

Alony-Hetz Properties & I			601020	American Railcar Industri	20	2010	
Alpargatas S.A.	25	2520	252030	American States Water Com	55		551040
Alpen Co., Ltd.	25	2550	255040	American Tower Corporatio			601010
Alpha Networks Inc.	45	4520	452010	American Vanguard Corpora	15	1510	151010
Alphabet Inc.	45	4510	451010	American Water Works Comp	55		551040
Alpine Electronics, Inc.	25	2520	252010	Amerisafe, Inc.			403010
Alps Electric Co., Ltd.	45	4520		AmerisourceBergen Corpora	35	3510	351020
ALS Limited	20	2020	202020	Amerisur Resources PLC	10	1010	101020
Alsea, S.A.B. De C.V.	25	2530	253010	AMG Advanced Metallurgica	15	1510	151040
ALSO Holding AG	45	4520	452030	Amgen Inc.	35	3520	352010
Alstom SA	20	2010	201060	Amkor Technology, Inc.	45	4530	
alstria office REIT-AG			601010	AMN Healthcare Services,	35	3510	351020
AltaGas Ltd.	10	1010	101020	Amorepacific Corporation	30	3030	303020
Altamir SCA			402030	AMOREPACIFIC Group	30	3030	303020
Alten SA	45	4510	451020	Amot Investment Ltd			601020
Altium Limited	45	4510	451030	AMP Limited			402010
Altran Technologies S.A.	45	4510	451020	Amphenol Corporation	45	4520	452030
Altri, S.G.P.S., S.A.	15	1510	151050	Amplifon SpA	35	3510	351020
Altria Group, Inc.	30	3020	302030	ams AG	45	4530	
Amada Holdings Co., Ltd.	20	2010	201060	AMUSE Inc.	25	2540	
Amadeus FiRe AG	20	2020	202020	ANA Holdings Inc.	20	2030	
Amadeus IT Group, S.A.	45	4510	451020	Anadolu Anonim Türk Sigor			403010
Amano Corporation	45	4520	452030	Anadolu Cam Sanayii A.S.	15	1510	151030
Amara Raja Batteries Limi	20	2010	201040	Anadolu Efes Biracilik ve	30	3020	302010
Amazon.com, Inc.	25	2550	255020	Anadolu Hayat Emeklilik A			403010
Ambev S.A.	30	3020	302010	Analog Devices, Inc.	45	4530	
Ambu A/S	35	3510	351010	Ananda Development Public			601020
Ambuja Cements Limited	15	1510	151020	Andritz AG	20	2010	
Amcor Limited	15	1510	151030	ANEST IWATA Corporation	20	2010	201060
Amer Sports Corporation	25	2520		Anheuser-Busch InBev SA/N	30	3020	302010
AMERCO	20	2030	203040	Anhui Conch Cement Compan	15	1510	151020
Ameren Corporation	55			Anhui Expressway Company	20	2030	203050
América Móvil, S.A.B. de	50		501020	Anhui Gujing Distillery C	30	3020	302010
American Assets Trust, In			601010	Anicom Holdings, Inc.			403010
American Axle & Manufactu	25	2510	251010	Anika Therapeutics, Inc.	35	3510	351010
American Campus Communiti			601010	Anritsu Corporation	45	4520	452030
American Eagle Outfitters	25	2550	255040	ANSYS, Inc.	45	4510	451030
American Electric Power C	55		551010	ANTA Sports Products Limi	25	2520	252030
American Equity Investmen			403010	Antofagasta plc	15	1510	151040
American Express Company			402020	Anton Oilfield Services G	10	1010	101010
American Financial Group,			403010	AOI Electronics Co., Ltd.	45	4530	
American International Gr			403010	AOKI Holdings Inc.	25		
American National Insuran			403010	Aoyama Trading Co., Ltd.	25	2550	255040
American Outdoor Brands C	25	2520	252020	Aozora Bank, Ltd.			401010
American Public Education	25	2530	253020	AP (Thailand) Public Comp			601020

APA Group	55	551020		Ascendas Hospitality Trus		601010
Apartment Investment and		601010		Ascendas Real Estate Inve		601010
APGJSGA SA	25	2540		Ascopiave S.p.A.	55	551020
APL Apollo Tubes Limited	15	1510	151040	ASE Technology Holding Co	45	4530
Apogee Enterprises, Inc.	20	2010	201020	Aselsan Elektronik Sanayi	20	2010 201010
Apollo Comm. Real Estate		402040		ASGN Incorporated	20	2020 202020
Apollo Tyres Limited	25	2510	251010	Ashland Global Holdings I	15	1510 151010
Apple Inc.	45	4520	452020	Ashmore Group PLC		402030
Applied Industrial Techno	20	2010	201070	Ashok Leyland Limited	20	2010 201060
Applied Materials, Inc.	45	4530		Ashoka Buildcon Limited	20	2010 201030
APT Satellite Holdings Li	50		501010	Ashtead Group plc	20	2010 201070
Aptiv PLC	25	2510	251010	Asia Cement (China) Holdi	15	1510 151020
Aqua America, Inc.	55		551040	Asia Cement Corporation	15	1510 151020
Arata Corporation	25	2550	255010	Asia Polymer Corporation	15	1510 151010
ARB Corporation Limited	25	2510	251010	Asia Vital Components Co.	45	4520 452020
ARC Resources Ltd.	10	1010	101020	Asian Paints Limited	15	1510 151010
Arca Continental, S. A. B	30	3020	302010	ASICS Corporation	25	2520 252030
Arcadis NV	20	2010	201030	ASKA Pharmaceutical Co.,	35	3520 352020
Arcadyan Technology Corpo	45	4520	452010	ASKUL Corporation	25	2550 255020
ArcBest Corporation	20	2030		ASM International NV	45	4530
Arçelik Anonim Sirketi	25	2520	252010	ASM Pacific Technology Li	45	4530
Archer-Daniels-Midland Co	30	3020	302020	ASMedia Technology Inc.	45	4530
Arcland Sakamoto Co.,Ltd.	25	2550	255040	ASML Holding N.V.	45	4530
Arcland Service Holdings	25	2530	253010	ASPEED Technology Inc.	45	4530
ARCS Company Limited	30	3010		Aspen Insurance Holdings		403010
Ardentec Corporation	45	4530		Aspen Pharmacare Holdings	35	3520 352020
ARDEPRO Co., Ltd.			601020	ASSA ABLOY AB (publ)	20	2010 201020
Arezzo Indústria e Comércio	25	2520	252030	Asseco Poland S.A.	45	4510 451030
Argosy Property Limited			601010	Assicurazioni Generali S.		403010
ARIAKE JAPAN Co., Ltd.	30	3020	302020	Associated Banc-Corp		401010
Aristocrat Leisure Limite	25	2530	253010	Associated British Foods	30	3020 302020
Arkema S.A.	15	1510		Assore Limited	15	1510 151040
Armstrong World Industrie	20	2010	201020	Assura Plc		601010
Arrow Electronics, Inc.	45	4520	452030	Assurant, Inc.		403010
Arrowhead Properties Limi			601010	Assystem S.A.	20	2020 202020
Arthur J. Gallagher & Co.			403010	Astec Industries, Inc.	20	2010 201060
Artis Real Estate Investm			601010	Astellas Pharma Inc.	35	3520 352020
Arvind Limited	25	2520	252030	ASTM S.p.A.	20	2030 203050
As One Corp.	35	3510	351020	Astral Foods Limited	30	3020 302020
Asahi Co., Ltd.	25	2550	255040	AstraZeneca PLC	35	3520 352020
Asahi Diamond Industrial	20	2010	201060	Astro Malaysia Holdings B	25	2540
Asahi Group Holdings, Ltd	30	3020	302010	Astronics Corporation	20	2010 201010
Asahi Holdings, Inc.	15	1510	151040	ASX Limited		402030
Asahi Intecc Co., Ltd.	35	3510	351010	AT & S Aktiengesellschaft	45	4520 452030
Asbury Automotive Group,	25	2550	255040	ATCO Ltd.	55	551030

Atea ASA	45	4510	451020	AVX Corporation	45	4520	452030
Ateam Inc.	45	4510	451010	AXA SA			403010
Aten International CO., L	45	4520	452020	Axcelis Technologies, Inc	45	4530	
athenahealth, Inc.	35	3510	351030	Axel Springer SE	25	2540	
Athens Water Supply and S	55		551040	Axfood AB (publ)	30	3010	
Atlantia S.p.A.	20	2030	203050	Axial Retailing Inc.	30	3010	
Atlas Air Worldwide Holdi	20			Axiata Group Berhad	50		501020
Atlas Copco AB	20	2010	201060	Axis Real Estate Investme			601010
Atmos Energy Corporation	55		551020	Axon Enterprise, Inc.	20	2010	201010
ATN International, Inc.	50			Axway Software SA	45	4510	
ATOM Corporation	25	2530	253010	Ayala Land, Inc.			601020
Atresmedia Corporación de	25	2540		Aygaz Anonim Sirketi	55		551020
Atria Oyj	30	3020	302020	Azbil Corporation	45	4520	452030
ATS Automation Tooling Sy	20	2010	201060	Azimut Holding S.p.A.			402030
AU Optronics Corp.	45	4520	452030	Azrieli Group Ltd			601020
Aubay Société Anonyme	45	4510	451020	B&G Foods, Inc.	30	3020	302020
Auckland International Ai	20	2030	203050	B3 S.A. - Brasil, Bolsa,			402030
Aurizon Holdings Limited	20	2030	203040	Babcock International Gro	20		
Aurobindo Pharma Limited	35	3520	352020	Bachem Holding AG	35	3520	352030
Aurubis AG	15	1510	151040	Badger Daylighting Ltd.	20	2010	201030
AusNet Services Ltd	55		551010	Badger Meter, Inc.	45	4520	452030
Austal Limited	20	2010	201010	BAE Systems plc	20	2010	201010
Austevoll Seafood ASA	30	3020	302020	Bajaj Auto Limited	25	2510	251020
Australian Pharmaceutical	35	3510	351020	Bajaj Corp Limited	30	3030	303020
Autobacs Seven Co., Ltd.	25	2550	255040	Bajaj Finance Limited			402020
AutoCanada Inc.	25	2550	255040	Balchem Corporation	15	1510	151010
Autogrill S.p.A.	25	2530	253010	Balkrishna Industries Lim	25	2510	251010
Autoliv, Inc.	25	2510	251010	Ball Corporation	15	1510	151030
Automatic Data Processing	45	4510	451020	Bâloise Holding AG			403010
Automotive Holdings Group	25	2550	255040	Balrampur Chini Mills Lim	30	3020	302020
AutoNation, Inc.	25	2550	255040	Banca Generali S.p.A.			402030
Autoneum Holding AG	25	2510	251010	Banca IFIS S.p.A.			402010
AvalonBay Communities, In			601010	Banco ABC Brasil S.A.			401010
Avanti Feeds Limited	30	3020	302020	Banco Bilbao Vizcaya Arge			401010
Avanza Bank Holding AB (p			402030	Banco Bradesco S.A.			401010
Avery Dennison Corporatio	15	1510		Banco de Chile			401010
AVEVA Group plc	45	4510	451030	Banco de Crédito e Invers			401010
Avex Inc.	25	2540		Banco de Sabadell, S.A.			401010
AVI Limited	30	3020	302020	Banco do Brasil S.A.			401010
AviChina Industry & Techn	20	2010	201010	Banco do Estado do Rio Gr			401010
Avigilon Corporation	45	4520	452030	Banco Santander (Brasil)			401010
Avis Budget Group, Inc.	20	2030	203040	Banco Santander, S.A.			401010
Avista Corporation	55		551030	Banco Santander-Chile			401010
Aviva plc			403010	Bancolumbia S.A.			401010
Avnet, Inc.	45	4520	452030	BancorpSouth Bank			401010

BANDAI NAMCO Holdings Inc	25	2520	252020	Becton, Dickinson and Com	35		
Bangkok Aviation Fuel Ser	20	2030	203050	Bed Bath & Beyond Inc.	25	2550	255040
Bangkok Bank Public Compa			401010	Bega Cheese Limited	30	3020	302020
Bangkok Chain Hospital Pu	35	3510	351020	Beiersdorf Aktiengesellsc	30	3030	303020
Bangkok Dusit Medical Ser	35	3510	351020	Beijing Beida Jade Bird U	45	4510	451030
Bank Handlowy w Warszawie			401010	Beijing Capital Internati	20	2030	203050
Bank Hapoalim B.M.			401010	Beijing Capital Land Ltd.			601020
Bank Leumi le- Israel B.M			401010	Beijing Enterprises Water	55		551040
Bank Millennium S.A.			401010	Beijing North Star Compan			601020
Bank of Communications Co			401010	Beijing Properties (Holdi			601020
Bank of Georgia Group PLC			401010	Belc CO., LTD.	30	3010	
Bank of Hawaii Corporatio			401010	Belden Inc.	45	4520	
Bank of Kaohsiung Co., Lt			401010	Bell Food Group AG	30	3020	302020
Bank of Montreal			401010	Belluna Co., Ltd.	25	2550	255020
Bank of Queensland Limite			401010	Bellway p.l.c.	25	2520	252010
Bank of The Ryukyus, Limi			401010	Bemis Company, Inc.	15	1510	151030
Bank OZK			401010	BEML Limited	20	2010	201060
Bank Zachodni WBK S.A.			401010	Benchmark Electronics, In	45	4520	452030
Banner Corporation			401010	Benefit One Inc.	20	2020	202020
Banpu Public Company Limi	10	1010	101020	Benesse Holdings, Inc.	25		
Baoye Group Company Limit	20	2010		Bénéteau S.A.	25	2520	252020
Barco NV	45	4520	452030	Berjaya Sports Toto Berha	25		
Barnes Group Inc.	20	2010	201060	Berli Jucker Public Compa	30	3010	
Barratt Developments plc	25	2520	252010	Bertrandt Aktiengesellsch	20	2020	202020
Barry Callebaut AG	30	3020	302020	BES Engineering Corporati	20	2010	201030
BASF India Limited	15	1510	151010	Besalco S.A.	20	2010	
BASF SE	15	1510	151010	Best Buy Co., Inc.	25	2550	255040
Basler Aktiengesellschaft	45	4520	452030	Bet-At-Home.com AG	25	2530	253010
Basso Industry Corp.	25	2520	252010	Betsson AB	25	2530	253010
Bata India Limited	25	2520	252030	Bezeq The Israel Telecomm	50		501010
BAUER Aktiengesellschaft	20	2010		BH Co., Ltd.	45	4520	452030
Baxter International Inc.	35	3510	351010	Bharat Forge Limited	25	2510	251010
Bayer CropScience Limited	15	1510	151010	Bharat Heavy Electricals	20	2010	201040
Bayerische Motoren Werke	25	2510	251020	Bharat Petroleum Corporat	10	1010	101020
Bayside Land Corporation			601020	Bharti Airtel Limited	50		501020
BB&T Corporation			401010	Bharti Infratel Limited	50		501010
BBA Aviation plc	20	2030	203050	BHP Billiton Limited	15	1510	151040
BCE Inc.	50		501010	Bic Camera Inc.	25	2550	255040
BDO Unibank, Inc.			401010	Biesse S.p.A.	20	2010	201060
BE Semiconductor Industri	45	4530		Big Lots, Inc.	25	2550	255030
Beacon Roofing Supply, In	20	2010	201070	BIG Shopping Centers Ltd			601020
Beauty Community Public C	25	2550	255040	Big Yellow Group Plc			601010
Beazer Homes USA, Inc.	25	2520	252010	Biglari Holdings Inc.	25	2530	253010
Beazley plc			403010	Bilia AB	25	2550	255040
BEC World Public Company	25	2540		BillerudKorsnäs AB (publ)	15	1510	151030

BIM Birlesik Magazalar A.	30	3010		BorgWarner Inc.	25	2510	251010
BinckBank N.V.			402030	Borregaard ASA	15	1510	151010
Binggrae Co., Ltd.	30	3020	302020	Borussia Dortmund GmbH &	25	2540	
Biocon Limited	35	3520		Boryszew S.A.	15	1510	151040
BioGaia AB	35	3520	352010	Boryung Pharmaceutical Co	35	3520	352020
Biogen Inc.	35	3520	352010	Bosch Limited	25	2510	251010
bioMérieux S.A.	35	3510	351010	Bossard Holding AG	20	2010	201070
Bio-Rad Laboratories, Inc	35			Boston Properties, Inc.			601010
Biotage AB	35	3520	352030	Bovis Homes Group PLC	25	2520	252010
Bio-Techne Corporation	35	3520	352030	BP p.l.c.	10	1010	101020
BioTelemetry, Inc.	35	3510	351020	BPER Banca S.p.A.			401010
Biotest Aktiengesellschaft	35	3520	352010	BR Properties S.A.			601020
Birchcliff Energy Ltd.	10	1010	101020	Brambles Limited	20	2020	202010
Bird Construction Inc.	20	2010	201030	Braskem S.A.	15	1510	151010
Birla Corporation Limited	15	1510	151020	Brembo S.p.A.	25	2510	251010
Bizlink Holding Inc.	20	2010	201040	Brenntag AG	20	2010	201070
BJ's Restaurants, Inc.	25	2530	253010	Breville Group Limited	25	2520	252010
BKW AG	55			Brewin Dolphin Holdings P			402030
Black Hills Corporation	55			BRF S.A.	30	3020	302020
Blackbaud, Inc.	45	4510	451030	Brickworks Limited	15	1510	151020
Blackmores Limited	30	3030	303020	Bridgestone Corporation	25	2510	251010
BlackRock, Inc.			402030	Bright Smart Securities &			402030
Bloomerry Resorts Corpor	25	2530	253010	Bristol-Myers Squibb Comp	35	3520	352020
Blucora, Inc.	45	4510	451010	Britannia Industries Limi	30	3020	302020
Blue Dart Express Limited	20	2030	203010	British American Tobacco	30	3020	302030
Blue Label Telecoms Limit	20	2020	202010	Britvic Plc	30	3020	302010
Blue Sky Alternative Inve			402030	Broadcom Inc.	45	4530	
Blue Square Real Estate L			601020	Broadleaf Co., Ltd.	45	4510	451030
BML, Inc.	35	3510	351020	Broadridge Financial Solu	45	4510	451020
BNK Financial Group Inc.			401010	Brogent Technologies Inc.	45	4510	451030
Boardwalk Real Estate Inv			601010	Bronco Billy Co., Ltd.	25	2530	253010
Bobst Group SA	20	2010	201060	Brookfield Asset Manageme			402030
BOC Hong Kong (Holdings)			401010	Brookline Bancorp, Inc.			401010
Bodycote plc	20	2010		Brooks Automation, Inc.	45	4530	
BOE Varitronix Limited	45	4530		Brown & Brown, Inc.			403010
Bofl Holding, Inc.			401020	Brown-Forman Corporation	30	3020	302010
Boiron SA	35	3520	352020	Bruker Corporation	35	3520	352030
Boliden AB	15	1510	151040	Brunel International N.V.	20	2020	202020
Bollore	20	2030	203010	Brunello Cucinelli S.p.A.	25	2520	252030
Bolsa Mexicana de Valores			402030	Brunswick Corporation	25		
Bolsas y Mercados Españ.,			402030	BT Group plc	50		501010
Bonduelle SA	30	3020	302020	BTG plc	35	3520	352020
Bonterra Energy Corp	10	1010	101020	Bucher Industries AG	20	2010	201060
Booking Holdings Inc.	25	2550	255020	Budimex SA	20	2010	201030
Boral Limited	15	1510	151020	Builders FirstSource, Inc	20	2010	201020

Bukwang Pharmaceutical Co	35	3520	352020	Cameco Corporation	10	1010	101020
Bumitama Agri Ltd.	30	3020	302020	Campbell Soup Company	30	3020	302020
Bumrungrad Hospital Publi	35	3510	351020	Can Fin Homes Limited			401020
Bunge Limited	30	3020	302020	Canadian Apartment Proper			601010
Bunka Shutter Co., Ltd.	20	2010	201020	Canadian Imperial Bank of			401010
Bunzl plc	20	2010	201070	Canadian National Railway	20	2030	203040
Burberry Group plc	25	2520	252030	Canadian Natural Resource	10	1010	101020
Burckhardt Compression Ho	20	2010	201060	Canadian Pacific Railway	20	2030	203040
Bure Equity AB			402030	Canadian Real Estate Inve			601010
Bureau Veritas SA	20	2020	202020	Canadian Tire Corporation	25	2550	255030
Burford Capital Limited			402030	Canadian Utilities Limite	55		551030
Burkhalter Holding AG	20	2010	201030	Canadian Western Bank			401010
Bursa Malaysia Berhad			402030	Cancom SE	45	4510	451020
Buzzi Unicem SpA	15	1510	151020	Canfor Corporation	15	1510	151050
BWP Trust			601010	Canon Electronics Inc.	45	4520	452030
BYD Electronic (Internati	45	4520	452010	Canon Marketing Japan Inc	25	2550	255010
Byggmax Group AB (publ)	25	2550	255040	Capcom Co., Ltd.	45	4510	451030
C C Land Holdings Limited			601020	Capella Education Company	25	2530	253020
C&C Group plc	30	3020	302010	Capgemini SE	45	4510	451020
C.BANNER INTERNATIONAL				Capital One Financial Cor			402020
Ho	25	2520	252030	Capital Power Corporation	55		551050
C.H. Robinson Worldwide,	20	2030		Capital Securities Corpor			402030
C.I. Takiron Corporation	15	1510	151010	CapitaLand Limited			601020
CA Immobilien Anlagen AG			601020	CapitaLand Mall Trust			601010
CA, Inc.	45	4510	451030	CapitaLand Retail China T			601010
Cabot Corporation	15	1510	151010	Capitec Bank Holdings Lim			401010
Cabot Microelectronics Co	45	4530		Caplin Point Laboratories	35	3520	352020
Cabot Oil & Gas Corporati	10	1010	101020	Capstead Mortgage Corpora			402040
CACI International Inc	45	4510	451020	Cardinal Health, Inc.	35	3510	351020
Cadence Design Systems, I	45	4510	451030	CARE Ratings Limited			402030
Cadila Healthcare Limited	35	3520	352020	Cargotec Corporation	20	2010	201060
CAE Inc.	20	2010	201010	Carl Zeiss Meditec AG	35	3510	351010
Cairo Communication S.p.A	25	2540		Carlsberg A/S	30	3020	302010
CaixaBank, S.A.			401010	Carlsberg Brewery Malaysi	30	3020	302010
CalAmp Corp.	45	4520	452010	CarMax, Inc.	25	2550	255040
Calavo Growers, Inc.	30	3020	302020	Carnival Corporation	25	2530	253010
Calbee, Inc.	30	3020	302020	Carpenter Technology Corp	15	1510	151040
Cal-Comp Electronics (Tha	45	4520	452030	Carrefour SA	30	3010	
Caleres, Inc.	25	2550	255040	Carriage Services, Inc.	25	2530	253020
California Water Service	55		551040	carsales.com Ltd	45	4510	
Callaway Golf Company	25	2520	252020	Carter's, Inc.	25		
Cal-Maine Foods, Inc.	30	3020	302020	Cascades Inc.	15	1510	151030
Caltex Australia Limited	10	1010	101020	Casetek Holdings Limited	45	4520	452020
Cambrex Corporation	35	3520	352030	Cashbuild Limited	25	2550	255040
Camden Property Trust			601010	Casino, Guichard-Perracho	30	3010	

Casio Computer Co., Ltd.	25	2520	252010	CenturyLink, Inc.	50		501010
Cass Information Systems,	45	4510	451020	Cera Sanitaryware Limited	20	2010	201020
Castellum AB			601020	Cerner Corporation	35	3510	351030
Catcher Technology Co., L	45	4520	452020	CES Energy Solutions Corp	10	1010	101010
Caterpillar Inc.	20	2010	201060	CESC Limited	55		551010
Cathay Financial Holding			403010	CESP - Companhia Energéti	55		551050
Cathay General Bancorp			401010	CEVA, Inc.	45	4530	
Cathay Real Estate Develo			601020	CEWE Stiftung & Co. KGaA	20	2020	202010
Cavco Industries, Inc.	25	2520	252010	CEZ, a. s.	55		
Cawachi Limited	30	3010		CF Industries Holdings, I	15	1510	151010
CBL & Associates Properti			601010	CGI Group Inc.	45	4510	451020
Cboe Global Markets, Inc.			402030	CH. Karnchang Public Comp	20	2010	201030
CBRE Group, Inc.			601020	Chailease Holding Company			402010
CBS Corporation	25	2540		Challenger Limited			402010
CCC S.A.	25	2520		Chambal Fertilisers and C	15	1510	151010
CCL Industries Inc.	15	1510	151030	Chang Hwa Commercial Bank			401010
CCR S.A.	20	2030	203050	Chaowei Power Holdings Li	25	2510	251010
CD Projekt S.A.	45	4510		Charles River Laboratorie	35	3520	352030
CEAT Limited	25	2510	251010	Charoen Pokphand Enterpri	30	3020	302020
Cebu Air, Inc.	20	2030	203020	Charoen Pokphand Foods Pu	30	3020	302020
Ceconomy AG	25	2550	255040	Chart Industries, Inc.	20	2010	201060
Cedar Woods Properties Li			601020	Charter Communications, I	25	2540	
Celanese Corporation	15	1510	151010	Charter Hall Retail Real			601010
Celestica Inc.	45	4520	452030	Chase Corporation	15	1510	151010
Celgene Corporation	35	3520	352010	Chatham Lodging Trust			601010
Cell Biotech Co., Ltd.	35	3520	352010	Chaun-Choung Technology C	45	4520	452030
Celltrion Pharm Inc.	35	3520	352020	CHC Resources Corporation	15	1510	151020
Celltrion, Inc.	35	3520	352010	Check Point Software Tech	45	4510	451030
Cementir Holding S.p.A.	15	1510	151020	Cheil Worldwide Inc.	25	2540	
Cementos Argos S.A.	15	1510	151020	Cheng Loong Corporation	15	1510	151030
Cencosud S.A.	30	3010		Cheng Shin Rubber Ind. Co	25	2510	251010
Cenovus Energy Inc.	10	1010	101020	Cheng Uei Precision Indus	45	4520	452030
Centene Corporation	35	3510	351020	Chennai Petroleum Corpora	10	1010	101020
Center Laboratories, Inc.	35	3520	352020	Cherry AB (publ)	25	2530	253010
CenterPoint Energy, Inc.	55			Chesapeake Lodging Trust			601010
Centerra Gold Inc.	15	1510	151040	Chesapeake Utilities Corp	55		551020
Central Asia Metals Plc	15	1510	151040	Chevron Corporation	10	1010	101020
Central China Real Estate			601020	Chicony Electronics Co.,	45	4520	452020
Central Japan Railway Com	20	2030	203040	Chicony Power Technology	20	2010	201040
Central Pacific Financial			401010	Chico's FAS, Inc.	25	2550	255040
Central Pattana Public Co			601020	Chilisin Electronics Corp	45	4520	452030
Centrica plc	55		551030	Chimei Materials Technolo	45	4520	452030
CENTROTEC Sustainable AG	20	2010	201020	Chin Poon Industrial Co.,	45	4520	452030
Century Plyboards (India)	15	1510	151050	China Agri-Industries Hol	30	3020	302020
Century Textiles and Indu	15	1510		China Airlines, Ltd.	20	2030	203020

China All Access (Holding	45	4520	452010	China SCE Property Holdin			601020
China Aoyuan Property Gro			601020	China Shenhua Energy Comp	10	1010	101020
China Aviation Oil (Singa	10	1010	101020	China Shineway Pharmaceut	35	3520	352020
China BlueChemical Ltd.	15	1510	151010	China Singyes Solar Techn	20	2010	201030
China CITIC Bank Corporat			401010	China South City Holdings			601020
China Communications Cons	20	2010	201030	China State Construction	20	2010	201030
China Communications Serv	50		501010	China Steel Chemical Corp	15	1510	151010
China Construction Bank C			401010	China Steel Corporation	15	1510	151040
China Dongxiang (Group) C	25	2520	252030	China Taiping Insurance H			403010
China Electronics Huada T	45	4530		China Telecom Corporation	50		501010
China Everbright Internat	20	2020		China Tonghai Internation			402030
China Everbright Limited			402030	China Traditional Chinese	35	3520	352020
China Everbright Water Li	55		551040	China Travel Internationa	25	2530	253010
China Evergrande Group			601020	China Trustful Group Limi	25	2550	255010
China Foods Limited	30	3020	302020	China Unicom (Hong Kong)	50		501010
China General Plastics Co	15	1510	151010	China Water Industry Grou	55		
China Gold International	15	1510	151040	China Yuchai Internationa	20	2010	201060
China High Speed Transmis	20	2010	201040	China ZhengTong Auto Serv	25	2550	255040
China Jinmao Holdings Gro			601020	Chinasoft International L	45	4510	451020
China Lesso Group Holding	20	2010	201020	Chipbond Technology Corpo	45	4530	
China Life Insurance Co.,			403010	Chipotle Mexican Grill, I	25	2530	253010
China Life Insurance Comp			403010	Chiyoda Co., Ltd.	25	2550	255040
China Lilang Limited	25	2520	252030	Chiyoda Corporation	20	2010	201030
China LNG Group Limited			402030	Chocoladefabriken Lindt &	30	3020	302020
China Medical System Hold	35	3520	352020	Chofu Seisakusho Co., Ltd	25	2520	252010
China Mengniu Dairy Compa	30	3020	302020	Chong Hong Construction C			601020
China Merchants Bank Co.,			401010	Chong Sing Holdings FinTe			402020
China Merchants Land Limi			601020	Chori Co., Ltd.	25	2550	255010
China Merchants Port Hold	20	2030	203050	Chorus Aviation Inc.	20	2030	203020
China Metal Products Co.,	15	1510	151040	Chow Sang Sang Holdings I	25	2550	255040
China Mobile Limited	50		501020	Chroma ATE Inc.	45	4520	452030
China Molybdenum Co., Ltd	15	1510	151040	Chu Kong Shipping Enterpr	20	2030	203030
China Motor Corporation	25	2510	251020	Chubb Limited			403010
China Oil And Gas Group L	55		551020	Chubu Electric Power Comp	55		
China Overseas Grand Ocea			601020	Chubu Shiryu Co., Ltd.	30	3020	302020
China Overseas Land & Inv			601020	Chudenko Corporation	20	2010	201030
China Pacific Insurance (			403010	Chugai Pharmaceutical Co.	35	3520	352020
China Petroleum & Chemica	10	1010	101020	Chugoku Marine Paints, Lt	15	1510	151010
China Power International	55			Chung Hwa Pulp Corporatio	15	1510	151050
China Railway Constructio	20	2010	201030	Chunghwa Telecom Co., Ltd	50		
China Railway Group Limit	20	2010	201030	Church & Dwight Co., Inc.	30	3030	303010
China Resources Beer (Hol	30	3020	302010	Chuy's Holdings, Inc.	25	2530	253010
China Resources Gas Group	55		551020	CI Financial Corp			402030
China Resources Land Limi			601020	Ci:z Holdings Co.,Ltd.	30	3030	303020
China Resources Power Hol	55		551050	Cia. Hering	25	2550	255040

CIE Automotive, S.A.	25	2510	251010	CNOOC Limited	10	1010	101020
Cielo S.A.	45	4510	451020	CNP Assurances SA			403010
CIFI Holdings (Group) Co.			601020	Coal India Limited	10	1010	101020
CIMC Enric Holdings Limit	20	2010	201060	Coca-Cola Amatil Limited	30	3020	302010
CIMIC Group Limited	20	2010	201030	Coca-Cola Bottlers Japan	30	3020	302010
Çimsa Çimento Sanayi ve T	15	1510	151020	Coca-Cola Bottling Co. Co	30	3020	302010
Cincinnati Financial Corp			403010	Coca-Cola FEMSA, S.A.B. d	30	3020	302010
Cinemark Holdings, Inc.	25	2540		Coca-Cola İçecek Anonim S	30	3020	302010
Cineplex Inc.	25	2540		Cochlear Limited	35	3510	351010
Cineworld Group plc	25	2540		cocukara fine Inc.	30	3010	
Cintas Corporation	20	2020	202010	Cofinimmo SA			601010
Cipla Limited	35	3520	352020	Cogeco Communications Inc	25	2540	
CIRCOR International, Inc	20	2010		Cogeco Inc.	25	2540	
Cirrus Logic, Inc.	45	4530		Cognex Corporation	45	4520	452030
Cisco Systems, Inc.	45	4520	452010	Cognizant Technology Solu	45	4510	451020
Citi Trends, Inc.	25	2550	255040	Coherent, Inc.	45	4520	452030
CITIC Telecom Internation	50		501010	Cohu, Inc.	45	4530	
Citrix Systems, Inc.	45	4510	451030	Colbún S.A.	55		551050
City Holding Company			401010	Colfax Corporation	20	2010	201060
City Lodge Hotels Limited	25	2530	253010	Colliers International Gr			601020
Citychamp Watch & Jewelle	25	2520	252030	Collins Foods Limited	25	2530	253010
Citycon Oyj			601020	COLOPL, Inc.	45	4510	451030
CJ CGV Co., Ltd.	25	2540		Coloplast A/S	35	3510	351010
CJ E&M Corporation	25	2540		Colowide Co.,Ltd.	25	2530	253010
CJ ENM CO., Ltd.	25			Columbia Banking System,			401010
CJ Freshway Corporation	30	3010		Columbia Sportswear Compa	25	2520	252030
CJ Hello Co., Ltd.	25	2540		Columbus McKinnon Corpora	20	2010	201060
CJ Logistics Corporation	20	2030	203040	Com2uS Corporation	45	4510	451030
CK Infrastructure Holding	55		551010	Comba Telecom Systems Hol	45	4520	452010
CKD Corporation	20	2010	201060	comdirect bank Aktiengese			401010
Clal Insurance Enterprise			403010	Comet Holding AG	45	4520	452030
Clariant AG	15	1510	151010	Comfort Systems USA, Inc.	20	2010	201030
Clarion Co., Ltd.	25	2520	252010	ComfortDelGro Corporation	20	2030	203040
Clas Ohlson AB (publ)	25	2550	255040	Cominar Real Estate Inves			601010
Clean Harbors, Inc.	20	2020	202010	Commercial International			401010
Cleanaway Company Limited	20	2020	202010	Commercial Metals Company	15	1510	151040
Cleanup Corporation	25	2520	252010	Commonwealth Bank of Aust			401010
Clevo Co.	45	4520	452020	Commvault Systems, Inc.	45	4510	451030
Clinigen Group Plc	35			Compagnie de Saint-Gobain	20	2010	
Cloetta AB (publ)	30	3020	302020	Compagnie d'Entreprises C	20	2010	201030
CLP Holdings Limited	55		551010	Compagnie des Alpes SA	25	2530	253010
CME Group Inc.			402030	Compagnie Financière Rich	25	2520	252030
CMIC HOLDINGS Co., Ltd.	35	3520		Compagnie Générale des Ét	25	2510	251010
CMS Energy Corporation	55			Compagnie Plastic Omnium	25	2510	251010
CNO Financial Group, Inc.			403010	Compal Electronics, Inc.	45	4520	452020

Companhia Brasileira de D	30	3010		Coronation Fund Managers			402030
Companhia de Gás de São P	55		551020	Corporación Financiera Co			402010
Companhia de Saneamento d	55		551040	Corporación Inmobiliaria			601020
Companhia Energética do C	55		551010	Corporate Office Properti			601010
Companhia Paranaense de E	55			Corporate Travel Manageme	25	2530	253010
Companhia Saneamento Bási	55		551040	Corus Entertainment Inc.	25	2540	
Companhia Siderúrgica Nac	15	1510	151040	CorVel Corporation	35	3510	351020
Compañía Cervecerías Unid	30	3020	302010	Cosan S.A. Indústria e Co	10	1010	101020
Compass Group PLC	25	2530	253010	Cosco Capital, Inc	30	3010	
Compass Minerals Internat	15	1510	151040	Cosel Co., Ltd.	20	2010	201040
Compeq Manufacturing Co.,	45	4520	452030	Cosmo Pharmaceuticals N.V	35	3520	352020
CompuGroup Medical Societ	35	3510	351030	COSMOS Pharmaceutical Cor	30	3010	
Computer Modelling Group	10	1010	101010	Costain Group plc	20	2010	201030
COMSYS Holdings Corporati	20	2010	201030	CoStar Group, Inc.	20	2020	202020
Comtech Telecommunication	45	4520	452010	Costco Wholesale Corporat	30	3010	
Concraft Holding Co., Ltd	45	4520	452030	Co-Tech Development Corpo	45	4520	452030
Conexio Corporation	45	4520	452030	Country Garden Holdings C			601020
CONMED Corporation	35	3510	351010	Cousins Properties Incorp			601010
Connecticut Water Service	55		551040	Covanta Holding Corporati	20	2020	202010
Conn's, Inc.	25	2550	255040	Covenant Transportation G	20	2030	203040
ConocoPhillips	10	1010	101020	Covivio			601010
Consolidated Communicatio	50		501010	Coway Co., Ltd.	25	2520	252010
Consolidated Edison, Inc.	55			Cox & Kings Limited	25	2530	253010
Consortio ARA, S. A. B. d	25	2520	252010	CP ALL Public Company Lim	30	3010	
Constellation Brands, Inc	30	3020	302010	CPMC Holdings Limited	15	1510	151030
Constellation Software In	45	4510	451030	Cracker Barrel Old Countr	25	2530	253010
Construcciones y Auxiliar	20	2010	201060	Cramo Oyj	20	2010	201070
Contact Energy Limited	55			Crane Co.	20	2010	
Container Corporation of	20	2030	203040	Crawford & Company			403010
Continental Aktiengesells	25	2510	251010	Cray Inc.	45		
Continental Holdings Corp	20	2010	201030	create restaurants holdin	25	2530	253010
Continental Resources, In	10	1010	101020	Create SD Holdings Co., L	30	3010	
Convergys Corporation	45	4510	451020	Credicorp Ltd.			401010
Cooper Tire & Rubber Comp	25	2510	251010	Credit Acceptance Corpora			402020
Cooper-Standard Holdings	25	2510	251010	Crédit Agricole S.A.			401010
Copart, Inc.	20	2020	202010	Credit Corp Group Limited			402020
Corbion N.V.	15	1510	151010	Credit Saison Co.,Ltd.			402020
Corby Spirit and Wine Lim	30	3020	302010	Credito Emiliano S.p.A.			401010
CoreCivic, Inc.			601010	Cree, Inc.	45	4530	
Core-Mark Holding Company	25	2550	255010	Crest Nicholson Holdings	25	2520	252010
CoreSite Realty Corporati			601010	CRH plc	15	1510	151020
Coretronic Corp.	45	4520	452030	CRISIL Limited			402030
Corning Incorporated	45	4520		Croda International plc	15	1510	151010
Coromandel International	15	1510	151010	CROOZ, Inc.	45	4510	451010
Corona Corporation	25	2520	252010	Crown Holdings, Inc.	15	1510	151030

CryoLife, Inc.	35			Daiken Corporation	15	1510	151050
CSG Systems International	45	4510	451020	Daikin Industries,Ltd.	20	2010	201020
CSI Properties Limited			601020	Daikokutenbussan Co.,Ltd.	30	3010	
CSL Limited	35	3520	352010	Daikyo Incorporated			601020
CSPC Pharmaceutical Group	35	3520	352020	Daimler AG	25	2510	251020
CSX Corporation	20	2030	203040	Dainichiseika Color & Che	15	1510	151010
CTBC Financial Holding Co			401010	Dairy Crest Group plc	30	3020	302020
CTCI Corporation	20	2010	201030	Daiseki Co.,Ltd.	20	2020	202010
CTS Corporation	45	4520	452030	Daito Trust Construction			601020
CTS Eventim AG & Co. KGaA	25			Daiwa House Industry Co.,			601020
Cub Elecparts Inc.	25	2510	251010	Daiwa House REIT Investme			601010
CubeSmart			601010	Daiwa Industries Ltd.	20	2010	201060
Cullen/Frost Bankers, Inc			401010	Daiwa Office Investment C			601010
Curro Holdings Limited	25	2530	253020	Daiwabo Holdings Co., Ltd	45	4520	452030
CVB Financial Corp.			401010	Daktronics, Inc.	45	4520	452030
CVR Energy, Inc.	10	1010	101020	Dalmia Bharat Limited	15	1510	151020
CVS Group plc	35	3510	351020	Dana Incorporated	25	2510	251010
Cyfrowy Polsat S.A.	25	2540		Danaher Corporation	35		
D&L Industries, Inc.	15	1510	151010	Danieli & C. Officine Mec	20	2010	201060
D.G. Khan Cement Company	15	1510	151020	Danone SA	30		
D.R. Horton, Inc.	25	2520	252010	Daou Data Corp.			402030
Da Ming International Hol	15	1510	151040	Daou Tech, Inc.			402030
Dabur India Limited	30	3030	303020	Darden Restaurants, Inc.	25	2530	253010
DAE HWA Pharmaceutical Co	35	3520	352020	Dart Group plc	20	2030	203020
Daeduck Electronics Co.,	45	4520	452030	Dassault Aviation SA	20	2010	201010
Daeduck GDS Co.,Ltd.	45	4520	452030	Dassault Systèmes SE	45	4510	451030
Daekyo Co., Ltd.	25	2530	253020	Datalogic S.p.A.	45	4520	452030
Daelim Industrial Co., Lt	20	2010	201030	Datasonic Group Berhad	45	4510	451020
Daesang Corporation	30	3020	302020	Datatec Limited	45	4520	452030
Daesang Holdings Co., Ltd	30	3020	302020	Dätwyler Holding Inc.	20	2010	201060
Daewon Pharmaceutical Co.	35	3520	352020	Davide Campari-Milano S.p	30	3020	302010
Daewoong Co., Ltd.	35	3520	352020	DaVita Inc.	35	3510	351020
Daewoong Pharmaceutical C	35	3520	352020	Dawnrays Pharmaceutical (	35	3520	352020
Dah Chong Hong Holdings L	25	2550	255010	DB HiTek Co.,Ltd.	45	4530	
Dah Sing Banking Group Li			401010	DCB Bank Limited			401010
Dah Sing Financial Holdin			401010	DCM Holdings Co., Ltd.	25	2550	255040
Dai Nippon Printing Co.,	20	2020	202010	DCT Industrial Trust Inc.			601010
Daibiru Corporation			601020	Dean Foods Company	30	3020	302020
Daicel Corporation	15	1510	151010	Debenhams plc	25	2550	255030
DAI-DAN Co., Ltd.	20	2010	201030	Dechra Pharmaceuticals pl	35	3520	352020
Daido Steel Co., Ltd.	15	1510	151040	Deckers Outdoor Corporati	25	2520	252030
Daifuku Co., Ltd.	20	2010	201060	Deepak Fertilisers And Pe	15	1510	151010
Daiho Corporation	20	2010	201030	Deere & Company	20	2010	201060
Dai-ichi Life Holdings, I			403010	Delek Automotive Systems	25	2550	255040
Daiichi Sankyo Company, L	35	3520	352020	Delek US Holdings, Inc.	10	1010	101020

De'Longhi S.p.A.	25	2520	252010	Digital China Holdings Li	45	4510	451020
Delta Air Lines, Inc.	20	2030	203020	Digital Hearts Holdings C	45	4510	451020
Delta Corp Limited	25	2530	253010	Digital Realty Trust, Inc			601010
Delta Electronics (Thaila	45	4520	452030	Dillard's, Inc.	25	2550	255030
Delta Electronics, Inc.	45	4520		Dime Community Bancshares			401020
Delta Galil Industries Lt	25	2520	252030	DIO Corporation	35	3510	351010
Deluxe Corporation	20	2020	202010	Diodes Incorporated	45	4530	
DeNA Co., Ltd.	45	4510	451010	Diös Fastigheter AB (publ			601020
Denka Company Limited	15	1510	151010	DIP Corporation	45	4510	451010
Denki Kogyo Co.,Ltd.	45	4520	452010	Direct Line Insurance Gro			403010
DENSO Corporation	25	2510	251010	Disco Corporation	45	4530	
Dentsu Inc.	25	2540		Discover Financial Servic			402020
Denyo Co., Ltd.	20	2010	201040	Discovery, Inc.	25	2540	
Depo Auto Parts Industria	25	2510	251010	DISH Network Corporation	25	2540	
Derichebourg	20	2020	202010	Distribuidora Internacion	30	3010	
Derwent London Plc			601010	Divi's Laboratories Limit	35	3520	352030
Descente Ltd.	25	2520	252030	DMCI Holdings, Inc.	20	2010	201050
Deutsche Beteiligungs AG			402030	DMG MORI			
Deutsche Börse Aktiengese			402030	AKTIENGESELLSCHA	20	2010	201060
Deutsche EuroShop AG			601020	DMG Mori Co., Ltd.	20	2010	201060
Deutsche Lufthansa Aktien	20	2030		DNO ASA	10	1010	101020
Deutsche Post AG	20	2030	203010	DO & CO Aktiengesellschaf	25	2530	253010
Deutsche Telekom AG	50			Doha Bank Q.P.S.C.			401010
Deutsche Wohnen SE			601020	Dolby Laboratories, Inc.	45	4520	452030
DEUTZ Aktiengesellschaft	20	2010	201060	Dollar General Corporatio	25	2550	255030
Devoteam SA	45	4510	451020	Dollar Tree, Inc.	25	2550	255030
Dewan Housing Finance Cor			401020	Dominion Energy, Inc.	55		
Dexus			601010	Domino's Pizza Enterprise	25	2530	253010
Deyaar Development PJSC			601020	Domino's Pizza Group plc	25	2530	253010
DFDS A/S	20	2030		Domtar Corporation	15	1510	151050
Dhanuka Agritech Limited	15	1510	151010	Don Quijote Holdings Co.,	25	2550	255030
Diageo plc	30	3020	302010	Donaco International Limi	25	2530	253010
Dialight plc	20	2010	201040	Donaldson Company, Inc.	20	2010	201060
Dialog Group Berhad	10	1010	101010	Dong Suh Companies Inc.	30	3010	
Dialog Semiconductor Plc	45	4530		Dong-A Socio Holdings Co.	35		
Diamond Offshore Drilling	10	1010	101010	Dongfeng Motor Group Comp	25	2510	251020
DiamondRock Hospitality C			601010	Dongjin Semichem Co., Ltd	15	1510	151010
DiaSorin S.p.A.	35	3510	351010	Dongkook Pharmaceutical C	35	3520	352020
DIC Asset AG			601020	Dongkuk Structures & Cons	20	2010	201030
DIC Corporation	15	1510	151010	Dongwha Enterprise Co., L	15	1510	151050
Dick's Sporting Goods, In	25	2550	255040	DongWon Development Co.,L			601020
Diebold Nixdorf Aktienges	45	4520	452020	Dongwon F&B Co., Ltd.	30	3020	302020
D'leteren SA	25			Dongwon Industries Co., L	30	3020	302020
Digi.Com Berhad	50		501020	Dorel Industries Inc.	25	2520	
Digital Arts, Inc.	45	4510	451030	dormakaba Holding AG	20	2010	201020

Dorman Products, Inc.	25	2510	251010	eBay Inc.	45	4510	451010
Doshisha Co.,Ltd.	25	2550	255010	Ebix, Inc.	45	4510	451030
Douglas Emmett, Inc.			601010	Ebro Foods, S.A.	30	3020	302020
DOUTOR NICHIRE Holdings	25	2530	253010	Echo Global Logistics, In	20	2030	203010
Douzone Bizon Co., Ltd.	45	4510	451030	EchoStar Corporation	45	4520	452010
Dover Corporation	20	2010	201060	Eclat Textile Corporation	25	2520	252030
DowDuPont Inc.	15	1510	151010	eClerx Services Limited	45	4510	451020
Downer EDI Limited	20			Eco World Development Gro			601020
DP World Limited	20	2030	203050	Econocom Group SE	45	4510	451020
Dr Pepper Snapple Group,	30	3020	302010	Ecopetrol S.A.	10	1010	101020
Dr. Reddy's Laboratories	35	3520	352020	EcoRodovias Infraestrutur	20	2030	203050
Drax Group plc	55		551050	ECOVE Environment Corpora	20	2020	202010
DRB-HICOM Berhad	25	2510	251020	Edelweiss Financial Servi			402030
Dream Global Real Estate			601010	Edgewell Personal Care Co	30	3030	303020
Dril-Quip, Inc.	10	1010	101010	EDION Corporation	25	2550	255040
DS Smith Plc	15	1510	151030	Edison International	55		551010
DST Systems, Inc.	45	4510	451020	EDP - Energias de Portuga	55		551010
DSV A/S	20	2030		EDP - Energias do Brasil	55		551010
DSW Inc.	25	2550	255040	Education Realty Trust, I			601010
DTE Energy Company	55			Edwards Lifesciences Corp	35	3510	351010
DTR Automotive Corporatio	25	2510	251010	EFG Hermes Holding S.A.E.			402030
DTS Corporation	45	4510	451020	EI Towers S.p.A	50		501010
Dufry AG	25	2550	255040	Eicher Motors Limited	20	2010	201060
Duke Energy Corporation	55		551010	Eiffage SA	20	2010	201030
Duke Realty Corporation			601010	EIH Limited	25	2530	253010
Dunelm Group plc	25	2550	255040	Eiken Chemical Co., Ltd.	35	3510	351010
Dunkin' Brands Group, Inc	25	2530	253010	EIS Eczacibasi Ilaç, Sina	30	3030	303020
DXC Technology Company	45	4510	451020	Eisai Co., Ltd.	35	3520	352020
DXP Enterprises, Inc.	20			EIZO Corporation	45	4520	452020
Dycom Industries, Inc.	20	2010	201030	Ekovest Berhad	20	2010	201030
DyDo Group Holdings, Inc.	30	3020	302020	El Al Israel Airlines Ltd	20	2030	203020
Dynasty Ceramic Public Co	20	2010	201020	El Paso Electric Company	55		551010
E*TRADE Financial Corpora			402030	El Puerto de Liverpool, S	25	2550	255030
E.I.D.- Parry (India) Lim	15			ELAN Microelectronics Cor	45	4530	
E.ON SE	55		551030	Elanders AB (publ)	20	2020	202010
Eagle Materials Inc.	15	1510	151020	Elbit Systems Ltd.	20	2010	201010
Earth Corporation	30	3030	303010	Elecom Co., Ltd.	45	4520	452020
East Japan Railway Compan	20	2030	203040	Electra Limited	20	2010	201030
East West Banking Corpora			401010	Electric Power Developmen	55		551050
EastGroup Properties, Inc			601010	Electricité de France S.A	55		551010
Eastman Chemical Company	15	1510	151010	Electrocomponents plc	45	4520	452030
EASY BIO, Inc.	30	3020	302020	Electronic Arts Inc.	45	4510	451030
easyJet plc	20	2030	203020	Electronics for Imaging,	45	4520	452020
Eaton Vance Corp.			402030	Elekta AB (publ)	35	3510	351010
Ebara Corporation	20	2010	201060	Elematec Corporation	45	4520	452030

Element Fleet Management			402010	Engineers India Limited	20	2010	201030
Elementis plc	15	1510	151010	Engro Corporation Limited	15	1510	151010
Eli Lilly and Company	35	3520	352020	en-japan inc.	20	2020	202020
Elia System Operator SA	55		551010	ENN Energy Holdings Limit	55		551020
Elisa Oyj	50		501010	Ennis, Inc.	20	2020	202010
Elite Advanced Laser Corp	45			Ennoconn Corporation	45	4520	452020
Elite Material Co., Ltd.	45	4520	452030	EnPro Industries, Inc.	20	2010	201060
Elite Semiconductor Memor	45	4530		Ensign Energy Services In	10	1010	101010
Elitegroup Computer Syste	45	4520	452020	Entercom Communications C	25	2540	
ELMOS Semiconductor AG	45	4530		Energy Corporation	55		551010
ElringKlinger AG	25	2510	251010	Entertainment One Ltd.	25	2540	
Emaar Properties PJSC			601020	Entravision Communication	25	2540	
E-MART Inc.	30	3010		Envision Healthcare Corpo	35	3510	351020
Embotelladora Andina S.A.	30	3020	302010	EO Technics Co., Ltd.	45	4530	
Embraer S.A.	20	2010	201010	EOG Resources, Inc.	10	1010	101020
EMCOR Group, Inc.	20			EOH Holdings Limited	45	4510	451020
Emera Incorporated	55		551010	ePlus inc.	45	4520	452030
Emergent BioSolutions Inc	35	3520	352010	EPR Properties			601010
Emerson Pacific Inc.	25	2530	253010	EPS Holdings, Inc.	35	3520	352030
Emira Property Fund Limit			601010	EQT Corporation	10	1010	101020
Emirates Telecommunicatio	50		501010	Equatorial Energia S.A.	55		551010
EMIS Group plc	35	3510	351030	Equifax Inc.	20	2020	202020
Emmi AG	30	3020	302020	Equinix, Inc. (REIT)			601010
Emperor International Hol			601020	Equity Residential			601010
Employers Holdings, Inc.			403010	Eregli Demir ve Çelik Fab	15	1510	151040
Empresa Nacional de Telec	50		501020	ERG S.p.A.	55		551050
Empresas Copec S.A.	10	1010	101020	Erie Indemnity Company			403010
EMS-CHEMIE HOLDING AG	15	1510	151010	ESR-REIT			601010
Enagás, S.A.	10	1010	101020	Essel Propack Limited	15	1510	151030
Enanta Pharmaceuticals, I	35	3520	352010	Essendant Inc.	20	2020	202010
Enbridge Inc.	10	1010	101020	Essex Property Trust, Inc			601010
Encavis AG	55		551050	Essilor Int'l Société Ano	35	3510	351010
ENCE Energía y Celulosa,	15	1510	151050	Esso (Thailand) Public Co	10	1010	101020
Encompass Health Corporat	35	3510	351020	Estácio Participações S.A	25	2530	253020
Encore Capital Group, Inc			402020	esure Group plc			403010
Encore Wire Corporation	20	2010	201040	eTEC E&C Limited	20	2010	201030
Endesa, S.A.	55		551010	Eternal Materials Co., Lt	15	1510	151010
Enel Américas S.A.	55			Ethan Allen Interiors Inc	25		
Enel SpA	55		551010	Etn. Fr. Colruyt NV	30	3010	
EnerCare Inc.	25	2530	253020	Eugene Corporation	15	1510	151020
Enerflex Ltd.	10	1010	101010	Eugene Technology Co.,Ltd	45	4530	
EnerSys	20	2010	201040	Euglena Co., Ltd.	30	3030	303020
Enghouse Systems Limited	45	4510	451030	Eurazeo SE			402010
Engie Brasil Energia S.A.	55		551050	Eurocommercial Properties			601010
Engie Energia Chile S.A.	55		551010	Eurofins Scientific SE	35	3520	352030

Euronav NV	10	1010	101020	FamilyMart UNY Holdings C	30	3010	
Eutelsat Communications S	25	2540		Famous Brands Limited	25	2530	253010
EVA Airways Corp.	20			Fancl Corporation	30	3030	303020
Evercore Inc.			402030	Fantasia Holdings Group C			601020
Eveready Industries India	30	3030	303010	Fanuc Corporation	20	2010	201060
Everest Re Group, Ltd.			403010	Far East Consortium Inter			601020
Evergreen Intl. Storage &	20	2030	203040	Far East Horizon Limited			402010
Evergy, Inc.	55		551010	Far Eastern Department St	25	2550	255030
Everlight Chemical Indust	15	1510	151010	Far Eastern International			401010
Everlight Electronics Co.	45	4530		Faraday Technology Corpor	45	4530	
Eversource Energy	55		551010	Farmer Bros. Co.	30	3020	302020
EVN AG	55		551010	Farmsco	30	3020	302020
Evotec AG	35	3520	352030	FARO Technologies, Inc.	45	4520	452030
EVS Broadcast Equipment S	45	4520	452010	Fast Retailing Co., Ltd.	25	2550	255040
Exantas Capital Corp.			402040	Fastenal Company	20	2010	201070
Exchange Income Corporati	20	2030	203020	Fastighets AB Balder (pub			601020
Exco Technologies Limited	20	2010	201060	Fauji Cement Company Limi	15	1510	151020
EXEDY Corporation	25	2510	251010	Fauji Fertilizer Company	15	1510	151010
Exelon Corporation	55			Faurecia S.A.	25	2510	251010
Exor N.V.			402010	FDC Limited	35	3520	352020
Expedia Group, Inc.	25	2550	255020	Federal Realty Investment			601010
Expeditors International	20	2030	203010	Federal Signal Corporatio	20	2010	201060
Experian plc	20	2020	202020	Federated Investors, Inc.			402030
Exponent, Inc.	20	2020	202020	FedEx Corporation	20	2030	203010
Express Scripts Holding C	35	3510	351020	Feintool International Ho	20	2010	201060
Express, Inc.	25	2550	255040	Feng Hsin Steel Co.,Ltd	15	1510	151040
Extendicare Inc.	35	3510	351020	Feng Tay Enterprises Co.,	25	2520	252030
Extra Space Storage Inc.			601010	Fenner PLC	20	2010	201060
Exxaro Resources Limited	10	1010	101020	Ferguson plc	20	2010	201070
Exxon Mobil Corporation	10	1010	101020	Ferrexpo Plc	15	1510	151040
Ezaki Glico Co.,Ltd.	30	3020	302020	Ferrovial, S.A.	20		
EZCORP, Inc.			402020	FGV Holdings Berhad	30	3020	302020
Ezdan Holding Group Q.S.C			601020	Fiat Chrysler Automobiles	25	2510	251020
F&F Co., Ltd.	25	2520	252030	Fibra Terrafina			601010
F.C.C. Co., Ltd.	25	2510	251010	Fibra UNO			601010
F.N.B. Corporation			401010	FibraHotel			601010
F@N Communications, Inc.	45	4510	451010	Fibria Celulose S.A.	15	1510	151050
F5 Networks, Inc.	45	4520	452010	Fidelity National Financi			403010
Fabege AB (publ)			601020	Fidelity National Informa	45	4510	451020
Fabrinet	45	4520	452030	Fiesta Restaurant Group,	25	2530	253010
Facebook, Inc.	45	4510	451010	Fila Korea Ltd.	25	2520	252030
FactSet Research Systems			402030	Filininvest Land, Inc.			601020
Faes Farma, S.A.	35	3520	352020	Financial Engines, Inc.			402030
Fair Isaac Corporation	45	4510	451030	Financial Products Group			402010
Fairfax Financial Holding			403010	Fingerprint Cards AB (pub	45	4520	452030

Finisar Corporation	45	4520	452010	Force Motors Limited	20	2010	201060
Finnair Oyj	20	2030	203020	Ford Motor Company	25	2510	251020
Finning International Inc	20	2010	201070	Forest City Realty Trust,			601010
Firich Enterprises Co., L	45	4520	452030	Formosa Advanced Technolo	45	4530	
First Abu Dhabi Bank P.J.			401010	Formosa Chemicals & Fibre	15	1510	151010
First American Financial			403010	Formosa International Hot	25	2530	253010
First Capital Realty Inc.			601020	Formosa Petrochemical Cor	10	1010	101020
First Commonwealth Financ			401010	Formosa Plastics Corporat	15	1510	
First Financial Bancorp.			401010	Formosa Taffeta Co., Ltd.	25		
First Financial Bankshare			401010	Formula Systems (1985) Lt	45	4510	451020
First Gen Corporation	55		551050	Forrester Research, Inc.	20	2020	202020
First Horizon National Co			401010	Fortescue Metals Group Li	15	1510	151040
First Industrial Realty T			601010	Fortinet, Inc.	45	4510	451030
First International Bank			401010	Fortis Inc.	55		551010
First Midwest Bancorp, In			401010	Fortum Oyj	55		
First Pacific Company Lim			402010	Forus S.A.	25	2520	252030
First Quantum Minerals Lt	15	1510	151040	Forward Air Corporation	20	2030	203010
First Real Estate Investm			601010	Foshan Electrical and Lig	20	2010	201040
First Resources Limited	30	3020	302020	Fossil Group, Inc.	25	2520	252030
First Solar, Inc.	45			Foster Electric Company,	25	2520	252010
FirstCash, Inc.			402020	Foxconn Technology Co., L	45	4520	
Firstgroup plc	20	2030	203040	Foxsemicon Integrated Tec	45	4530	
Fiserv, Inc.	45	4510	451020	FP Corporation	15	1510	151030
Fisher & Paykel Healthcar	35	3510	351010	France Bed Holdings Co. L	25	2520	252010
Five Below, Inc.	25	2550	255040	Franco-Nevada Corporation	15	1510	151040
Flagstar Bancorp, Inc.			401020	Franklin Electric Co., In	20	2010	201060
Fleury S.A.	35	3510	351020	Franklin Resources, Inc.			402030
Flex Ltd.	45	4520	452030	Franklin Street Propertie			601010
FlexiGroup Limited			402020	Frasers Commercial Trust			601010
Flexium Interconnect, Inc	45	4520	452030	Freedom Foods Group Limit	30	3020	302020
Flight Centre Travel Grou	25	2530	253010	Freehold Royalties Ltd.	10	1010	101020
FLIR Systems, Inc.	45	4520	452030	freenet AG	50		501020
Flowers Foods, Inc.	30	3020	302020	Fresenius Medical Care AG	35	3510	351020
Flowserve Corporation	20	2010	201060	Fresenius SE & Co. KGaA	35	3510	351020
FLSmidth & Co. A/S	20			Fresh Del Monte Produce I	30	3020	302020
Flughafen Zürich AG	20	2030	203050	Fresnillo PLC	15	1510	151040
Fluor Corporation	20	2010	201030	Frontier Real Estate Inve			601010
Flytech Technology Co., L	45	4520	452030	Frutarom Industries Ltd.	15	1510	151010
FMC Corporation	15	1510	151010	Fubon Financial Holding C			402010
FocalTech Systems Co., Lt	45	4530		Fudo Tetra Corporation	20	2010	201030
Folkestone Education Trus			601010	Fufeng Group Limited	15	1510	151010
Folli-Follie Commercial M	25			Fuji Co., Ltd.	25	2550	255030
Fomento Económico Mexican	30			Fuji Corporation	20	2010	201060
Foosung Co., Ltd.	15	1510	151010	Fuji Kyuko Co., Ltd.	25	2530	253010
Foot Locker, Inc.	25	2550	255040	Fuji Oil Holdings Inc.	30	3020	302020

Fuji Pharma Co., Ltd.	35	3520	352020	Gecoss Corporation	20	2010	201070
Fuji Seal International,	15	1510	151030	Geely Automobile Holdings	25	2510	251020
Fuji Soft Incorporated	45	4510	451030	Gemdale Properties and In			601020
Fujicco Co., Ltd.	30	3020	302020	General Mills, Inc.	30		
Fujimori Kogyo Co., Ltd.	15	1510	151010	General Motors Company	25	2510	251020
Fujita Kanko Inc.	25	2530	253010	Genesco Inc.	25	2550	255040
Fujitec Co.,Ltd.	20	2010	201060	Genesee & Wyoming Inc.	20	2030	203040
Fujitsu General Limited	25	2520	252010	Genky Drugstores Co.,Ltd.	30	3010	
Fujitsu Limited	45	4510	451020	Genlex Corporation	25	2510	251010
Fujiya Co., Ltd.	30	3020	302020	Gentherm Incorporated	25	2510	251010
Fukuda Corporation	20	2010	201030	Genting Berhad	25	2530	253010
Fukuda Denshi Co., Ltd.	35	3510	351010	Genting Malaysia Berhad	25	2530	253010
Fukui Computer Holdings,l	45	4510	451030	Genting Plantations Berha	30	3020	302020
Fukuoka Financial Group,			401010	Genting Singapore Limited	25	2530	253010
Fukuoka REIT Corporation			601010	Genworth Financial, Inc.			403010
Fukushima Industries Corp	20	2010	201060	Genworth MI Canada Inc.			401020
Fukuyama Transporting Co.	20	2030	203040	Geo Holdings Corporation	25	2550	255040
Fullcast Holdings Co., Lt	20	2020	202020	George Kent (Malaysia) Be	20	2010	201060
Fulton Financial Corporat			401010	George Weston Limited	30	3010	
Funai Soken Holdings Inco	20	2020	202020	Geox S.p.A.	25	2520	252030
Furukawa Electric Co., Lt	20	2010	201040	Gerry Weber International	25		
Fuso Chemical Co.,Ltd.	15	1510	151010	Getac Technology Corporat	45	4520	452020
Futaba Industrial Co., Lt	25	2510	251010	Getin Noble Bank S.A.			401010
Future Corporation	45	4510	451020	Getinge AB	35	3510	
Future Land Development H			601020	Getlink S.E.	20	2030	203050
FutureFuel Corp.	15	1510	151010	Getty Realty Corp.			601010
Fuyo General Lease Co., L			402010	GF Securities Co., Ltd.			402030
G4S plc	20	2020	202010	GFPT Public Company Limit	30	3020	302020
G8 Education Limited	25	2530	253020	GFT Technologies SE	45	4510	451020
Galaxy Entertainment Grou	25	2530	253010	GGP Inc.			601010
GAM Holding AG			402030	Giga Solar Materials Corp	45	4530	
GameStop Corp.	25	2550	255040	Gigabyte Technology Co.,L	45	4520	452020
GAMEVIL Inc.	45	4510	451030	G-III Apparel Group, Ltd.	25	2520	252030
Garmin Ltd.	25	2520		Giken Ltd.	20	2010	201060
Gas Malaysia Berhad	55		551020	Gildan Activewear Inc.	25	2520	252030
Gateway Distriparks Limit	20	2030	203050	Gilead Sciences, Inc.	35	3520	352010
GATX Corporation	20	2010	201070	Gillette India Limited	30	3030	303020
Gazit Globe Ltd			601020	GIMV NV			402030
GB Group plc	45	4510	451030	Ginko International Co. L	35	3510	351010
GD Express Carrier Bhd	20	2030	203010	Giordano International Li	25	2550	255040
GE Power India Limited	20	2010	201030	Gjensidige Forsikring ASA			403010
GE T&D India Limited	20	2010	201040	GL Events	20	2020	202010
GEA Group Aktiengesellsch	20	2010	201060	Glacier Bancorp, Inc.			401010
Geberit AG	20	2010	201020	Glanbia plc	30		
Gecina			601010	GlaxoSmithKline plc	35	3520	352020

Glenmark Pharmaceuticals	35	3520	352020	Great Plains Energy Incor	55		551010
Global One Real Estate In			601010	Great Wall Enterprise Co.	30	3020	302020
Global Payments Inc.	45	4510	451020	Great Wall Motor Company	25	2510	251020
Global UniChip Corp.	45	4530		Greatek Electronics Inc.	45	4530	
Globe Telecom, Inc.	50		501020	Greatview Aseptic Packagi	15	1510	151030
Globetronics Technology B	45	4530		Great-West Lifeco Inc.			403010
Globus Medical, Inc.	35	3510	351010	Greaves Cotton Limited	20	2010	201060
Gloria Material Technolog	15	1510	151040	Gree, Inc.	45	4510	451010
Glory Ltd.	20	2010		Greek Organization of Foo	25	2530	253010
Glow Energy Public Compan	55		551050	Green Cross Corporation	35	3520	352010
GMO Internet, Inc.	45	4510	451010	Green Cross Holdings Corp	35	3520	352010
Godfrey Phillips India Li	30	3020	302030	Green Dot Corporation			402020
Godrej Consumer Products	30	3030	303020	Greencore Group plc	30	3020	302020
Godrej Industries Limited	20	2010	201050	Greene King plc	25	2530	253010
Godrej Properties Limited			601020	Greenhill & Co., Inc.			402030
GOLDCREST Co., Ltd.			601020	Greenland Hong Kong Holdi			601020
Golden Eagle Retail Group	25	2550	255030	Greenply Industries Limit	15	1510	151050
Golden Entertainment, Inc	25	2530	253010	Greentown China Holdings			601020
Golden Land Property Deve			601020	Greenyard NV	30	3020	302020
Goldwin Inc.	25	2520	252030	Greggs plc	25	2530	253010
Goodbaby International Ho	25	2520	252020	Greif, Inc.	15	1510	151030
Goodman Group			601010	Grenke AG			402010
Goodman Property Trust			601010	Grieg Seafood ASA	30	3020	302020
Goodyear Lastikleri T.A.S	25	2510	251010	Griffon Corporation	20	2010	
Gourmet Master Co. Ltd.	25	2530	253010	Grifols, S.A.	35	3520	352010
GP Strategies Corporation	20	2020	202020	Group 1 Automotive, Inc.	25	2550	255040
GPT Group			601010	Group Lease Public Compan			402020
Gr. Sarantis S.A.	30	3030		Groupe Bruxelles Lambert			402010
Graco Inc.	20	2010	201060	Groupe CRIT SA	20	2020	202020
Graham Holdings Company	25			Groupe Guillin S.A.	15	1510	151030
GrainCorp Limited	30	3020		Growthpoint Properties Au			601010
Grainger plc			601020	GRUH Finance Limited			401020
Grammer AG	25	2510	251010	Gruma, S.A.B. de C.V.	30	3020	302020
Grand City Properties S.A			601020	Grupo Aeroméxico, S.A.B.	20	2030	203020
Grand Korea Leisure Co.,	25	2530	253010	Grupo Aeroportuario del C	20		
Grand Pacific Petrochemic	15	1510	151010	Grupo Aeroportuario del P	20	2030	203050
Granite Construction Inco	20	2010	201030	Grupo Aeroportuario del S	20	2030	203050
Granite Real Estate Inves			601010	Grupo Aval Acciones Y Val			401010
Granules India Limited	35	3520	352020	Grupo Bimbo, S.A.B. de C.	30	3020	302020
Grape King Bio Ltd	30	3030	303020	Grupo Catalana Occidente,			403010
Graphic Packaging Holding	15	1510	151030	Grupo Comercial Chedraui,	30	3010	
Grasim Industries Limited	15	1510		Grupo de Inversiones Sura			402010
Gray Television, Inc.	25	2540		Grupo Financiero Banorte,			401010
Great Canadian Gaming Cor	25	2530	253010	Grupo Financiero Interacc			401010
Great China Metal Ind. Co	15	1510	151030	Grupo Herdez, S.A.B. de C	30	3020	302020

Grupo México, S.A.B. de C	15	1510	151040	Halows Co.,Ltd.	30	3010	
Grupo Televisa, S.A.B.	25	2540		Hamakyorex Co., Ltd.	20	2030	
GS Home Shopping Inc.	25	2550	255020	Hamamatsu Photonics K.K.	45		
GSRetail Co., Ltd.	30	3010		Hamborner REIT AG			601010
GT Capital Holdings, Inc.			402010	Hamburger Hafen und Logis	20	2030	203050
G-Tekt Corporation	25	2510	251010	Hana Financial Group Inc.			401010
Guangdong Investment Limi	55		551040	Hana Microelectronics Pub	45	4520	452030
Guangdong Yueyun Transpor	20	2030	203010	Hanatour Service Inc.	25	2530	253010
Guangzhou Automobile Grou	25	2510	251020	Hancock Whitney Corporati			401010
Guangzhou R&F Properties			601020	Hancom Inc.	45	4510	451030
Guararapes Confeccões S.A	25	2520	252030	Handok Inc.	35	3520	352020
Gübre Fabrikalari T.A.S.	15	1510	151010	HANDSOME Corp.	25	2520	252030
GUD Holdings Limited	25			Hanesbrands Inc.	25	2520	252030
Guerbet SA	35	3510	351010	Hang Lung Group Limited			601020
Guess?, Inc.	25	2550	255040	Hang Lung Properties Limi			601020
Gujarat Alkalies and Chem	15	1510	151010	Hang Seng Bank Limited			401010
Gujarat Fluorochemicals L	15	1510	151010	Hanil Holdings Co.,Ltd.	15	1510	151020
Gujarat Mineral Developme	10	1010	101020	Hanjin Transportation Co.	20	2030	
Gujarat Narmada Valley Fe	15	1510	151010	Hankook Shell Oil Co.,Ltd	10	1010	101020
Gujarat Pipavav Port Limi	20	2030	203050	Hankook Tire Worldwide Co			402010
Gujarat State Petronet Li	55		551020	Hankyu REIT Inc.			601010
Gulf Warehousing Company	20	2030	203010	Hanmi Financial Corporati			401010
GungHo Online Entertainme	45	4510	451030	Hanmi Pharm. Co., Ltd.	35	3520	352020
Gunnebo AB	20	2020	202010	Hanmi Science Co., Ltd.	35	3520	352020
Guotai Junan Internationa			402030	HANMI Semiconductor Co.,	45	4530	
Gurunavi, Inc.	45	4510	451010	Hannover Rück SE			403010
GWA Group Limited	20	2010	201020	HannStar Display Corporat	45	4520	452030
Gwangju Shinsegae Co., Lt	25	2550	255030	Hanon Systems	25	2510	251010
H & M Hennes & Mauritz AB	25	2550	255040	Hansae Co., Ltd.	25	2520	252030
H&E Equipment Services, I	20	2010	201070	Hansen Technologies Ltd	45	4510	451030
H&R GmbH & Co. KGaA	15	1510	151010	Hansol Chemical Co., Ltd.	15	1510	151010
H&R Real Estate Investmen			601010	Hanssem Co., Ltd.	25	2520	252010
H.B. Fuller Company	15	1510	151010	Hanstee Holdings PLC			601010
H.I.S. Co., Ltd.	25	2530	253010	Hanwa Co., Ltd.	20	2010	201070
Haci Ömer Sabanci Holding			402010	Hanwha Aerospace Co., Ltd	20	2010	201010
Haemonetics Corporation	35	3510		Hanwha General Insurance			403010
Haier Electronics Group C	25			Hanwha Life Insurance Co.			403010
Haitian International Hol	20	2010	201060	Hap Seng Consolidated Ber	20	2010	201050
Haitong International Sec			402030	Harel Insurance Investmen			403010
Haitong Securities Co., L			402030	Hargreaves Lansdown plc			402030
Hakuhodo DY Holdings Inc	25	2540		Harley-Davidson, Inc.	25	2510	251020
Haldex AB (publ)	20	2010	201060	Harmonic Drive Systems In	20	2010	201060
Halfords Group plc	25	2550	255040	Harris Corporation	20	2010	
Halla Holdings Corp.	25	2510	251010	Hartalega Holdings Berhad	35	3510	351010
Halma plc	45	4520	452030	Harvey Norman Holdings Li	25	2550	255030

Hasbro, Inc.	25	2520	252020	Highwoods Properties, Inc			601010
Haulotte Group SA	20	2010	201060	Hill & Smith Holdings PLC	15	1510	151040
Haverty Furniture Compani	25	2550	255040	Hill-Rom Holdings, Inc.	35	3510	351010
Hawaiian Electric Industr	55		551010	Hilong Holding Limited	10	1010	101010
Hawaiian Holdings, Inc.	20	2030	203020	Himadri Speciality Chemic	15	1510	151010
Haynes International, Inc	15	1510	151040	Himatsingka Seide Limited	25	2520	252030
Hays plc	20	2020	202020	Hindalco Industries Limit	15	1510	151040
Hazama Ando Corporation	20	2010	201030	Hindustan Petroleum Corpo	10	1010	101020
HC Group Inc.	45	4510	451010	Hindustan Unilever Limite	30	3030	303010
HCI Group, Inc.			403010	Hino Motors, Ltd.	20	2010	201060
Health and Happiness (H&H	30	3020	302020	Hiramatsu Inc.	25	2530	253010
Healthcare Realty Trust I			601010	Hirata Corporation	20	2010	201060
Healthcare Services Group	20	2020	202010	Hiroca Holdings Ltd.	25	2510	251010
HealthStream, Inc.	35	3510	351030	Hirose Electric Co.,Ltd.	45	4520	452030
Heartland Express, Inc.	20	2030	203040	Hisaka Works, Ltd.	20	2010	201060
HeidelbergCement India Li	15	1510	151020	Hisamitsu Pharmaceutical	35	3520	352020
Heineken N.V.	30	3020	302010	Hiscox Ltd			403010
Heiwa Corporation	25	2520	252020	Hisense Kelon Electrical	25	2520	252010
Heiwa Real Estate Co., Lt			601020	Hitachi Chemical Company,	15	1510	151010
Heiwa Real Estate REIT, I			601010	Hitachi Construction Mach	20	2010	201060
Heiwado Co., Ltd.	30	3010		Hitachi High-Technologies	45	4520	452030
Helical plc			601020	Hitachi Metals, Ltd.	15	1510	151040
Heliopolis Co. for Housin			601020	Hitachi Transport System,	20	2030	203040
Hellenic Exchanges			402030	Hitachi Zosen Corporation	20	2010	201060
Hellenic Telecommunicatio	50			Hitachi, Ltd.	45		
Helmerich & Payne, Inc.	10	1010	101010	HITEJINRO Co., Ltd.	30	3020	302010
Helvetia Holding AG			403010	Hiwin Technologies Corp.	20	2010	
Henderson Land Developmen			601020	HKC (Holdings) Limited			601020
Hengan International Grou	30	3030		HKT Trust and HKT Limited	50		501010
Henry Schein, Inc.	35	3510	351020	HMS Holdings Corp.	35	3510	351030
Hera S.p.A.	55			HNA Infrastructure Compan	20	2030	203050
Herman Miller, Inc.	20	2020	202010	HNI Corporation	20	2020	202010
Hermès International Soci	25	2520	252030	Ho Tung Chemical Corp.	15	1510	
Hero MotoCorp Limited	25	2510	251020	Hochiki Corporation	45	4520	452030
Hexagon AB (publ)	45	4520	452030	HOCHTIEF Aktiengesellscha	20	2010	201030
Hexagon Composites ASA	20	2010	201060	Hodogaya Chemical Co., Lt	15	1510	151010
Hexaware Technologies Lim	45	4510	451020	Hogy Medical Co.,Ltd.	35	3510	351010
Hexcel Corporation	20	2010	201010	Hokuetsu Kishu Paper Co.,	15	1510	151050
HEXPOL AB (publ)	15	1510	151010	Hokuhoku Financial Group,			401010
HFF, Inc.			601020	Hokuto Corporation	30	3020	302020
Hibbett Sports, Inc.	25	2550	255040	HollyFrontier Corporation	10	1010	101020
Hibiya Engineering, Ltd.	20	2010	201030	Holtek Semiconductor Inc.	45	4530	
Hiday Hidaka Corp.	25	2530	253010	Holy Stone Enterprise Com	45	4520	452030
High Liner Foods Incorpor	30	3020	302020	Home Bancshares, Inc. (Co			401010
Highwealth Construction C			601020	Home Capital Group Inc.			401020

Home Product Center Publi	25	2550	255040	Huntington Bancshares Inc			401010
HomeServe plc	20	2020	202010	Huntington Ingalls Indust	20	2010	201010
Hon Hai Precision Industr	45	4520	452030	Huntsman Corporation	15	1510	151010
Honda Atlas Cars (Pakista	25	2510	251020	Husky Energy Inc.	10	1010	101020
Honda Motor Co., Ltd.	25	2510	251020	Husqvarna AB (publ)	25	2520	252010
Hong Kong Exchanges and C			402030	Hutchison Telecommunicati	50		501020
Hong Leong Bank Berhad			401010	Hwaseung Industries Co.,	25	2520	252030
Hong Leong Financial Grou			401010	Hy-Lok Corporation ,Ltd.	20	2010	201060
Hong Leong Industries Ber	20	2010	201050	Hypera S.A.	35	3520	352020
Hongkong Land Holdings Li			601020	Hypoport AG			402010
Hope Bancorp, Inc.			401010	Hysan Development Company			601020
Hopson Development Holdin			601020	Hyundai Department Store	25	2550	255030
Horace Mann Educators Cor			403010	Hyundai Engineering & Con	20	2010	201030
HORIBA, Ltd.	45			Hyundai HCN Co., Ltd.	25	2540	
Hormel Foods Corporation	30	3020	302020	Hyundai Home Shopping Net	25	2550	255020
Hornbach Baumarkt AG	25	2550	255040	Hyundai Livart Furniture	25	2520	252010
Hosa International Limite	25	2520	252030	Hyundai Mobis Co.,Ltd	25	2510	251010
Hoshizaki Corporation	20	2010	201060	Hyundai Motor Company	25	2510	251020
Hosiden Corporation	45	4520	452030	Hyundai Steel Company	15	1510	151040
Hospitality Properties Tr			601010	HYUNDAI WIA Corporation	25	2510	251010
Host Hotels & Resorts, In			601010	I.M.A. Industria Macchine	20	2010	201060
Hota Industrial Mfg. Co.,	25	2510	251010	IAC/InterActiveCorp	45	4510	451010
Hotai Motor Co., Ltd.	25	2550	255040	Iberdrola, S.A.	55		
Hotel Shilla Co.,Ltd	25	2550	255040	IBJ Leasing Company, Limi			402010
House Foods Group Inc.	30			IC Group A/S	25	2520	252030
Housing Development and I			601020	Icade			601010
Howden Joinery Group Plc	20	2010	201070	Ichibanya Co., Ltd.	25	2530	253010
Hu Lane Associate Inc.	25	2510	251010	Ichigo Inc.			601020
Hua Nan Financial Holding			401010	Ichigo Office REIT Invest			601010
Huabao International Hold	15			Ichikoh Industries, Ltd.	25	2510	251010
Huaku Development Co., Lt			601020	Ichiyoshi Securities Co.,			402030
Huaneng Power Internation	55		551050	Icom Incorporated	45	4520	452010
Huangshi Dongbei Electric	20	2010	201060	ICU Medical, Inc.	35	3510	351010
Huatai Securities Co., Lt			402030	ID Logistics Group SA	20	2030	203010
Huaxin Cement Co., Ltd.	15	1510	151020	IDACORP, Inc.	55		551010
Hub Group, Inc.	20	2030	203010	Idea Cellular Limited	50		501020
Hubbell Incorporated	20	2010	201040	IDEC Corporation	20	2010	201040
Huber+Suhner AG	20	2010	201040	Idemitsu Kosan Co.,Ltd.	10	1010	101020
Huchems Fine Chemical Cor	15	1510	151010	IDFC Limited			402010
Hufvudstaden AB (publ)			601020	IDOM Inc.	25	2550	255040
Hugo Boss AG	25	2520	252030	IDT Corporation	50		501010
Huhtamäki Oyj	15	1510	151030	IEI Integration Corp.	45	4520	452020
Hulic Co., Ltd.			601020	IFCI Limited			402010
Humana Inc.	35	3510	351020	IG Group Holdings plc			402030
HUNG SHENG Construction C			601020	IGM Financial Inc.			402030

Iguatemi Empresa de Shopp			601020	Infocom Corporation	45	4510	451020
IHH Healthcare Berhad	35	3510	351020	Infomart Corporation	45	4510	451010
IHI Corporation	20	2010	201060	Informa plc	25	2540	
IIFL Holdings Limited			402030	Information Services Inte	45	4510	451020
Iino Kaiun Kaisha, Ltd.	20	2030	203030	Infosys Limited	45	4510	451020
II-VI Incorporated	45	4520	452030	Infraestructura Energétic	55		551020
ILG, Inc.	25	2530	253010	Infratil Limited	55		
Iliad SA	50		501010	ING Groep N.V.			401010
Illumina, Inc.	35	3520	352030	Ingenico Group - GCS	45	4520	452030
Iluka Resources Limited	15	1510	151040	Ingles Markets, Incorpora	30	3010	
Ilyang Pharmaceutical Co.	35	3520	352020	Ingredion Incorporated	30	3020	302020
iMarketKorea Inc.	20	2010	201070	Inmarsat Plc	50		501010
Imerys SA	15	1510	151020	InnerWorkings, Inc.	20	2020	202020
IMI plc	20	2010	201060	Innolux Corporation	45	4520	452030
Immobiliare Grande Distri			601010	Innophos Holdings, Inc.	15	1510	151010
Imperial Holdings Limited	25	2550		INOX Leisure Limited	25	2540	
Imperial Oil Limited	10	1010	101020	Inpex Corporation	10	1010	101020
Implenia AG	20	2010	201030	Insight Enterprises, Inc.	45	4520	452030
Inaba Denki Sangyo Co.,Lt	20	2010	201070	Insperity, Inc.	20	2020	202020
Inari Amertron Berhad	45	4520	452030	Insteel Industries, Inc.	20	2010	201020
InBody Co., Ltd.	35	3510	351010	Insurance Australia Group			403010
Inchcape plc	25	2550		Intact Financial Corporat			403010
Incitec Pivot Limited	15	1510	151010	Integer Holdings Corporat	35	3510	351010
Independent Bank Corp.			401010	Integra LifeSciences Hold	35		
Independent Bank Corporat			401010	Integrated Device Technol	45	4530	
Indiabulls Real Estate Li			601020	Intel Corporation	45	4530	
Indian Oil Corporation Li	10	1010	101020	Inter Parfums, Inc.	30	3030	303020
Indofood Agri Resources L	30	3020	302020	Inter Pipeline Ltd.	10	1010	101020
Indorama Ventures Public	15	1510	151010	Interactive Brokers Group			402030
INDUS Holding AG	20	2010	201050	Interconexión Eléctrica S	55		551010
Indus Motor Company Limit	25	2510	251020	Intercontinental Exchange			402030
Industria de Diseño Texti	25	2550	255040	InterDigital, Inc.	45	4520	452010
Industrial & Commercial B			401010	Interface, Inc.	20	2020	202010
Industrial & Infrastructu			601010	Interfor Corporation	15	1510	151050
Industrial Alliance Insur			403010	Intermediate Capital Grou			402030
Industrial Bank of Korea			401010	International Bancshares			401010
Industrias Bachoco, S.A.B	30	3020	302020	International Business Ma	45	4510	
Industrias Peñoles, S.A.B	15	1510	151040	International Container T	20	2030	203050
Industries Qatar Q.S.C.	20	2010	201050	International Paper Compa	15	1510	
Indutrade AB (publ)	20	2010	201070	International Personal Fi			402020
INES Corporation	45	4510	451020	International Speedway Co	25	2530	253010
INFICON Holding AG	45	4520	452030	International Steels Limi	15	1510	151040
Infineon Technologies AG	45	4530		Internet Initiative Japan	45	4510	451010
Infinity Property and Cas			403010	Interajo Inc.	35	3510	351010
Info Edge (India) Limited	45	4510	451010	InterParfums SA	30	3030	303020

Interpump Group S.p.A.	20	2010	201060	Israel Chemicals Ltd.	15	1510	151010
Intertape Polymer Group I	15	1510	151030	Israel Discount Bank Limi			401010
Intertek Group plc	20	2020	202020	istyle Inc.	45	4510	451010
Intervest Offices & Wareh			601010	Isuzu Motors Limited	25	2510	251020
Int'l Consolidated Airlin	20	2030	203020	ITAB Shop Concept AB (pub	20	2020	202010
INTL FCStone Inc.			402030	Italian-Thai Development	20	2010	201030
intu properties plc			601010	Itaú CorpBanca			401010
Intuit Inc.	45	4510	451030	Itaúsa - Investimentos It			401010
Intuitive Surgical, Inc.	35	3510	351010	ITC Limited	30	3020	
Inventec Corporation	45	4520	452020	ITE Group plc	25	2540	
Inversiones Aguas Metropo	55		551040	ITEQ Corporation	45	4520	452030
Inversiones La Construcci			402010	Ito En, Ltd.	30	3020	302010
Invesco Ltd.			402030	Itochu Enex Co.,Ltd.	10	1010	101020
Invesco Mortgage Capital			402040	ITOCHU Techno-Solutions C	45	4510	451020
Investa Office Fund			601010	ITOCHU-SHOKUHIN Co., Ltd.	30	3010	
Investec Limited			402030	Itoki Corporation	20	2020	202010
Investment AB Öresund (pu			402010	Itron, Inc.	45	4520	452030
Investor AB			402010	ITV plc	25	2540	
Invicta Holdings Limited	20	2010	201070	Izumi Co., Ltd.	25	2550	255030
Invincible Investment Cor			601010	J D Wetherspoon plc	25	2530	253010
InvoCare Limited	25	2530	253020	J Sainsbury plc	30	3010	
Iochepe-Maxion S.A.	20	2010	201060	J&J Snack Foods Corp.	30	3020	302020
IOI Corporation Berhad	30	3020	302020	J. Front Retailing Co., L	25		
iomart Group plc	45	4510	451010	J.B. Hunt Transport Servi	20	2030	203040
Ion Beam Applications SA	35	3510	351010	J.K. Cement Limited	15	1510	151020
IOOF Holdings Ltd			402030	j2 Global, Inc.	45	4510	451010
Ipca Laboratories Limited	35	3520	352020	Jabil Inc.	45	4520	452030
IPG Photonics Corporation	45	4520	452030	JAC Recruitment Co., Ltd.	20	2020	202020
Ipsen S.A.	35	3520	352020	JACCS Co., Ltd.			402020
Ipsos SA	25	2540		Jack Henry & Associates,	45	4510	451020
IRB Infrastructure Develo	20	2010	201030	Jacobs Engineering Group	20	2010	201030
Iren SpA	55			Jacquet Metal Service SA	20	2010	201070
IRESS Limited	45	4510	451030	JAFCO Co., Ltd.			402030
Iridium Communications In	50		501010	Jagran Prakashan Limited	25	2540	
Iriso Electronics Co., Lt	45	4520	452030	JAMCO Corporation	20	2010	201010
iRobot Corporation	25	2520	252010	Japan Airlines Co., Ltd.	20	2030	203020
Iron Mountain Incorporate			601010	Japan Airport Terminal Co	20	2030	203050
IS DongSeo Co., Ltd.	20	2010	201020	Japan Asset Marketing Co.			601020
Is Gayrimenkul Yatirim Or			601010	Japan Aviation Electronic	45	4520	452030
Iseki & Co., Ltd.	20	2010	201060	Japan Cash Machine Co., L	45	4520	452030
i-SENS, Inc.	35	3510	351010	Japan Excellent, Inc.			601010
Isetan Mitsukoshi Holding	25	2550	255030	Japan Exchange Group, Inc			402030
Isgec Heavy Engineering L	20	2010	201060	Japan Hotel REIT Investme			601010
Ishihara Sangyo Kaisha, L	15	1510	151010	Japan Lifeline Co., Ltd.	35	3510	351020
Isra Vision AG	45	4520	452030	Japan Logistics Fund, Inc			601010

JAPAN MATERIAL Co., Ltd.	45	4530		JSP Corporation	15	1510	151010
Japan Petroleum Explorati	10	1010	101020	JSR Corporation	15	1510	151010
Japan Prime Realty Invest			601010	JSW Steel Limited	15	1510	151040
Japan Pulp and Paper Comp	20	2010	201070	JTEKT Corporation	20	2010	201060
Japan Real Estate Investm			601010	Ju Teng International Hol	45	4520	452030
Japan Rental Housing Inve			601010	Jubilant FoodWorks Limite	25	2530	253010
Japan Retail Fund Investm			601010	Jubilant Life Sciences Li	35	3520	352020
Japan Securities Finance			402010	Juhayna Food Industries S	30	3020	
Japan Tobacco Inc.	30	3020	302030	Julius Baer Group Ltd.			402030
Jardine Cycle & Carriage	25	2550	255010	Jumbo S.A.	25	2550	255040
Jardine Matheson Holdings	20	2010	201050	Junghenrich Aktiengesell	20	2010	201060
Jardine Strategic Holding	20	2010	201050	Juniper Networks, Inc.	45	4520	452010
Jasmine International Pub	50		501010	Jupiter Fund Management P			402030
JB Hi-Fi Limited	25	2550	255040	JustSystems Corporation	45	4510	451030
JBS S.A.	30	3020	302020	Jutal Offshore Oil Servic	10	1010	101010
Jcontentree corp.	25	2540		Jvm Co., Ltd.	20	2010	201060
JCR Pharmaceuticals Co.,	35	3520	352020	JW Holdings Corporation	35	3520	352020
JCU Corporation	15	1510	151010	JXTG Holdings, Inc.	10	1010	101020
JD Sports Fashion plc	25	2550	255040	Jyothy Laboratories Limit	30	3030	303010
Jenoptik AG	45			Jyske Bank A/S			401010
JEOL Ltd.	35			K. Wah International Hold			601020
Jerónimo Martins, SGPS, S	30	3010		K.P.R. Mill Limited	25	2520	252030
JGC Corporation	20	2010	201030	K.S. Terminals Inc.	20	2010	201040
Jiangling Motors Corporat	25	2510	251020	K+S Aktiengesellschaft	15	1510	
Jiangxi Copper Company Li	15	1510	151040	K12 Inc.	25	2530	253020
Jimoto Holdings, Inc.			401010	kabu.com Securities Co.,			402030
Jindal Saw Limited	15	1510	151040	Kadant Inc.	20	2010	201060
JINS Inc.	25	2550	255040	Kaga Electronics Co.,Ltd.	45		
JK Lakshmi Cement Limited	15	1510	151020	Kagome Co., Ltd.	30		
JK Tyre & Industries Limi	25	2510	251010	Kaiser Aluminum Corporati	15	1510	151040
JM AB (publ)	25	2520	252010	Kajaria Ceramics Limited	20	2010	201020
JM Financial Limited			402030	Kajima Corporation	20	2010	201030
John B. Sanfilippo & Son,	30	3020	302020	Kakaku.com, Inc.	45	4510	451010
John Bean Technologies Co	20	2010	201060	Kakao Corp.	45	4510	451010
John Wood Group PLC	10	1010	101010	Kakao M Corp.	25	2540	
Johnson & Johnson	35			Kaken Pharmaceutical Co.,	35	3520	352020
Johnson Controls - Hitach	25	2520	252010	Kalpataru Power Transmiss	20	2010	201030
Johnson Electric Holdings	20	2010	201040	Kaman Corporation	20	2010	
Johnson Health Tech. Co.,	25	2520	252020	Kameda Seika CO., Ltd.	30	3020	302020
Johnson Matthey Plc	15	1510	151010	Kamei Corporation	20	2010	201070
J-Oil Mills, Inc.	30	3020	302020	Kamigumi Co., Ltd.	20	2030	203050
Jollibee Foods Corporatio	25	2530	253010	Kanamoto Co.,Ltd.	20	2010	201070
Jones Lang LaSalle Incorp			601020	Kandenko Co., Ltd.	20	2010	201030
Joshin Denki Co., Ltd.	25	2550	255040	Kaneka Corporation	15	1510	151010
JSE Limited			402030	Kanematsu Corporation	20	2010	201070

Kanematsu Electronics Ltd	45	4510	451020	Kerry T.J Logistics Compan	20	2030	203010
Kangwon Land, Inc.	25	2530	253010	Key Coffee Inc.	30	3020	302020
Kansai Paint Co., Ltd.	15	1510	151010	Keyence Corporation	45	4520	452030
Kansai Super Market Ltd.	30	3010		Keyera Corp.	10	1010	101020
Kansai Urban Banking Corp			401010	KGHM Polska Miedz Spólka	15	1510	151040
Kansas City Southern	20	2030	203040	Kginicis Co.,Ltd	45	4510	451020
Kanto Denka Kogyo Co., Lt	15	1510	151010	Khon Kaen Sugar Industry	30	3020	
Kao Corporation	30	3030		Kia Motors Corporation	25	2510	251020
KappAhl AB (publ)	25	2550	255040	Kiatnakin Bank Public Com			401010
Kapsch TrafficCom AG	45	4520	452030	Kier Group plc	20		
Kardex AG	20	2010	201060	Kikkoman Corporation	30	3020	302020
Kasai Kogyo Co., Ltd.	25	2510	251010	Kilroy Realty Corporation			601010
Kasikornbank Public Compa			401010	Kimball International, In	20	2020	202010
Kato Sangyo Co., Ltd.	30	3010		Kimberly-Clark Corporatio	30	3030	
Kato Works Co., Ltd.	20	2010	201060	Kimberly-Clark de México,	30	3030	303010
Kaufman & Broad S.A.	25	2520	252010	Kimco Realty Corporation			601010
Kaveri Seed Company Limit	30	3020	302020	Kinden Corporation	20	2010	201030
KB Home	25	2520	252010	Kinder Morgan, Inc.	10	1010	101020
KBC Group NV			401010	Kindom Construction Corp.			601020
KC Co., Ltd.	20	2010	201060	King Slide Works Co., Ltd	20	2010	201060
KCE Electronics Public Co	45	4520	452030	King Yuan ELECTRONICS CO.	45	4530	
KCOM Group PLC	50		501010	Kingboard Laminates Holdi	45	4520	452030
KDDI Corporation	50		501020	Kingdee International Sof	45	4510	451030
KEC International Limited	20	2010	201030	Kingfisher plc	25	2550	255040
Keihin Corporation	25	2510	251010	Kingpak Technology Inc.	45	4520	452030
Keikyu Corporation	20			Kingsoft Corporation Limi	45	4510	
Keio Corporation	20	2030	203040	Kingspan Group plc	20	2010	201020
Keisei Electric Railway C	20	2030	203040	Kingston Financial Group			402030
Keiyo Co., Ltd.	25	2550	255040	Kinik Company	20	2010	
Keller Group plc	20	2010	201030	Kinpo Electronics, Inc.	25	2520	252010
Kellogg Company	30	3020	302020	Kinsus Interconnect Techn	45	4530	
Kelly Services, Inc.	20	2020	202020	Kintetsu Department Store	25	2550	255030
KEMET Corporation	45	4520	452030	Kintetsu World Express, I	20	2030	203010
Kemira Oyj	15	1510	151010	Kirby Corporation	20		
Kemper Corporation			403010	Kirin Holdings Company, L	30	3020	302010
Kenda Rubber Industrial C	25	2510	251010	Kirkland Lake Gold Ltd.	15	1510	151040
Kenedix Office Investment			601010	KISCO Corp.	15	1510	151040
Kenedix, Inc.			601020	Kisoji Co., Ltd.	25	2530	253010
KENKO Mayonnaise Co.,Ltd.	30	3020	302020	Kissei Pharmaceutical Co.	35	3520	352020
Kennametal Inc.	20	2010	201060	KisWire Ltd.	15	1510	151040
KEPCO Engineering & Const	20	2010	201030	KITZ Corporation	20	2010	201060
KEPCO Plant Service & Eng	20	2020	202010	Kiwi Property Group Limit			601010
Kering SA	25			Kiwoom Securities Co., Lt			402030
Kerry Group plc	30	3020	302020	Klabin S.A.	15	1510	151030
Kerry Properties Limited			601020	KLA-Tencor Corporation	45	4530	

Klövern AB			601020	Korn/Ferry International	20	2020	202020
KMC (Kuei Meng) Internati	25	2520	252020	KOSÉ Corporation	30	3030	303020
Knight-Swift Transportati	20	2030	203040	Koshidaka Holdings Co., L	25	2530	253010
Knoll, Inc.	20	2020	202010	Kossan Rubber Industries	35	3510	351010
KNT-CT Holdings Co., Ltd.	25	2530	253010	Kot Addu Power Company Li	55		551050
KOA Corporation	45	4520	452030	Kotobuki Spirits Co., Ltd	30	3020	302020
Koatsu Gas Kogyo Co., Ltd	15	1510	151010	Koza Altin Isletmeleri A.	15	1510	151040
Kobayashi Pharmaceutical	30	3030	303020	KPIT Technologies Limited	45	4510	451030
Kobe Bussan Co., Ltd.	30	3010		KPS AG	45	4510	451020
Koei Tecmo Holdings Co.,	45	4510	451030	Kraton Corporation	15	1510	151010
Koenig & Bauer AG	20	2010	201060	KRBL Limited	30	3020	302020
Koh Young Technology Inc.	45	4530		Krones AG	20	2010	201060
Kohl's Corporation	25	2550	255030	Kroton Educacional S.A.	25	2530	253020
Kohnan Shoji Co., Ltd.	25	2550	255040	KRUK Spółka Akcyjna			402020
Koito Manufacturing Co.,	25	2510	251010	Krung Thai Bank Public Co			401010
Kolon Corporation	20	2010	201050	Krungthai Card Public Com			402020
Kolon Industries, Inc.	15	1510	151010	K's Holdings Corporation	25	2550	255040
Kolon Life Science Inc.	35	3520	352020	KSL Holdings Berhad			601020
Komatsu Ltd.	20	2010	201060	KT Skylife Co., Ltd.	25	2540	
Komax Holding AG	20	2010	201060	Kuala Lumpur Kepong Berha	30		
Komerční banka, a.s.			401010	Kubota Corporation	20	2010	201060
Komeri Co.,Ltd.	25	2550	255040	Kudelski SA	45	4520	452030
Komori Corporation	20	2010	201060	Kuehne + Nagel Internatio	20	2030	203030
KONE Oyj	20	2010	201060	Kukdo Chemical Co., Ltd.	15	1510	151010
Konecranes Plc	20			Kulicke and Soffa Industr	45	4530	
Kongsberg Automotive ASA	25	2510	251010	Kumagai Gumi Co., Ltd.	20	2010	201030
Koninklijke Ahold Delhaiz	30	3010		Kumba Iron Ore Limited	15	1510	151040
Koninklijke KPN N.V.	50			Kumho Petrochemical Co.,	15	1510	151010
Koninklijke Philips N.V.	35	3510	351010	Kumho Tire Co., Inc.	25	2510	251010
Koninklijke Wessanen N.V.	30	3020	302020	Kumiai Chemical Industry	15	1510	151010
Konishi Co., Ltd.	15	1510	151010	Kung Long Batteries Indus	20	2010	201040
Konoike Transport Co., Lt	20			Kungsleden AB			601020
Kordsa Teknik Tekstil A.S	25	2510	251010	Kunlun Energy Company Lim	10	1010	101020
Korea Aerospace Industrie	20	2010	201010	Kura Corporation	25	2530	253010
Korea District Heating Co	55		551010	Kurita Water Industries L	20	2010	201060
Korea Electric Power Corp	55		551010	Kwang Dong Pharmaceutical	35	3520	352020
Korea Electric Terminal C	20	2010	201040	KWG Property Holding Limi			601020
Korea Information & Commu	45	4510	451020	KWS Saat SE	30	3020	302020
Korea Investment Holdings			402030	Kyobo Securities Co., Lt			402030
Korea Kolmar Holdings Co.	30	3030	303020	Kyocera Corporation	45		
Korea Petrochemical Ind.	15	1510	151010	Kyodo Printing Co., Ltd.	20	2020	202010
Korea United Pharm Inc.	35	3520	352020	Kyoei Steel Ltd.	15	1510	151040
Korea Zinc Co., Ltd.	15	1510	151040	Kyokuto Kaihatsu Kogyo Co	20	2010	201060
KOREIT			601020	Kyokuto Securities Co., L			402030
Korian	35	3510	351020	KYORIN Holdings, Inc.	35	3520	352020

Kyowa Exeo Corporation	20	2010	201030	Legg Mason, Inc.			402030
Kyowa Hakko Kirin Co., Lt	35	3520	352020	Legrand SA	20	2010	201040
Kyudenko Corporation	20	2010	201030	Leidos Holdings, Inc.	45	4510	451020
Kyung Dong Navien Co., Lt	20	2010	201020	LEM Holding SA	45	4520	452030
Kyungbang Co.,Ltd	25	2520	252030	LeMaitre Vascular, Inc.	35	3510	351010
Kyushu Financial Group, I			401010	LendingTree, Inc.			401020
L&F Co., Ltd.	45	4520	452030	LendLease Group			601020
L.P.N. Development Public			601020	Lennar Corporation	25	2520	252010
L3 Technologies, Inc.	20	2010	201010	Lenovo Group Limited	45	4520	452020
La Doria SpA	30	3020	302020	Lenzing Aktiengesellschaft	15	1510	151010
La Opala RG Limited	25	2520	252010	Leonteq AG			402030
Laboratory Corporation of	35			Leopalace21 Corporation			601020
Labrador Iron Ore Royalty	15	1510	151040	Lerøy Seafood Group ASA	30	3020	302020
Lafarge Malaysia Berhad	15	1510	151020	Lexington Realty Trust			601010
LafargeHolcim Ltd	15	1510	151020	Lextar Electronics Corpor	45	4530	
Lagardère SCA	25			LF Corp.	25	2520	252030
Lai Sun Development Compa			601020	LG Corp.	20	2010	201050
L'Air Liquide S.A.	15	1510	151010	LG Display Co., Ltd.	45	4520	452030
Laird PLC	45	4520		LG Household & Health Car	30	3030	303020
Lakeland Bancorp, Inc.			401010	LG Innotek Co., Ltd.	45	4520	452030
Lakshmi Machine Works Lim	20	2010	201060	LG International Corp.	20		
Lam Research Corporation	45	4530		LHC Group, Inc.	35	3510	351020
Lamar Advertising Company			601010	Li & Fung Limited	25	2520	252030
Lancashire Holdings Limit			403010	Li Cheng Enterprise Co.,	25	2520	252030
Lancaster Colony Corporat	30	3020	302020	Li Peng Enterprise Co., L	25	2520	252030
Land Securities Group plc			601010	Liberty Holdings Limited			403010
Landstar System, Inc.	20	2030	203040	Liberty Property Trust			601010
Lannett Company, Inc.	35	3520	352020	LIC Housing Finance Limit			401020
Laos CO., LTD.	25	2550	255040	Lien Hwa Industrial Corpo	30	3020	302020
Largan Precision Co., Ltd	45	4520	452030	Life Corporation	30	3010	
Las Vegas Sands Corp.	25	2530	253010	Life Healthcare Group Hol	35	3510	351020
LaSalle Hotel Properties			601010	Life Storage, Inc.			601010
Lasertec Corporation	45	4530		LifePoint Health, Inc.	35	3510	351020
Laurentian Bank of Canada			401010	Ligand Pharmaceuticals In	35	3520	352010
Lawson, Inc.	30	3010		Light S.A.	55		551010
La-Z-Boy Incorporated	25			Linamar Corporation	25	2510	251010
LCI Industries	25	2510	251010	Lincoln Electric Holdings	20	2010	201060
LCY Chemical Corp.	15	1510	151010	Lincoln National Corporat			403010
Lealea Enterprise Co., Lt	25	2520	252030	Lindab International AB	20	2010	201020
Lee and Man Paper Manufac	15	1510	151050	Linde Aktiengesellschaft	15	1510	151010
LEENO Industrial Inc.	45	4530		Lindsay Corporation	20	2010	201060
Lee's Pharmaceutical Hold	35			Linical Co., Ltd.	35	3520	352030
LEG Immobilien AG			601020	Link and Motivation Inc.	20	2020	202020
LegacyTexas Financial Gro			401010	Link Real Estate Investme			601010
Legal & General Group Plc			403010	Linx S.A.	45	4510	451030

Lion Corporation	30	3030	303010	Lungyen Life Service Corp	25	2530	253020
Lippo Malls Indonesia Ret			601010	Lupin Limited	35	3520	352020
Lisi S.A.	20	2010	201010	Luxottica Group S.p.A.	25	2520	252030
Lite-On Semiconductor Cor	45	4530		M. Dias Branco S.A. Indús	30	3020	302020
Lite-On Technology Corpor	45	4520	452020	M.D.C. Holdings, Inc.	25	2520	252010
Lithia Motors, Inc.	25	2550	255040	M/I Homes, Inc.	25	2520	252010
Littelfuse, Inc.	45	4520	452030	M1 Limited	50		501020
Liu Chong Hing Investment			601020	M3, Inc.	35	3510	351030
LIXIL Group Corporation	20	2010	201020	Mabuchi Motor Co., Ltd.	20	2010	201040
LKQ Corporation	25	2550	255010	Macauto Industrial Co., L	25	2510	251010
Lloyds Banking Group plc			401010	Macerich Company			601010
LNA Santé SA	35	3510	351020	Macnica Fuji Electronics	45	4520	452030
Loblaw Companies Limited	30	3010		Macquarie Group Limited			402030
Localiza Rent a Car S.A.	20	2030	203040	Macy's, Inc.	25	2550	255030
Lock&Lock Co., Ltd.	15	1510	151030	Madinet Nasr for Housing			601020
Logitech International S.	45	4520	452020	Maeda Corporation	20	2010	201030
LogMeln, Inc.	45	4510	451010	Maeda Kosen Co., Ltd.	20	2010	201020
Lojas Americanas S.A.	25	2550		MAEDA ROAD CONSTRUCTION C	20	2010	
Lojas Renner S.A.	25	2550	255030	Magazine Luiza S.A.	25	2550	255030
LondonMetric Property Plc			601010	Magellan Aerospace Corpor	20	2010	201010
Long Chen Paper Co., Ltd.	15	1510	151050	Magellan Financial Group			402030
Longfor Group Holdings Li			601020	Magellan Health, Inc.	35	3510	351020
Lonking Holdings Limited	20	2010	201060	Magna International Inc.	25	2510	251010
Lookers plc	25	2550	255040	Magnum Berhad	25	2530	253010
Loomis AB (publ)	20	2020	202010	Magyar Telekom Telecommun	50		501010
L'Oréal S.A.	30	3030	303020	Mah Sing Group Berhad			601020
LOTES Co., Ltd.	45	4520	452030	Mahindra & Mahindra Finan			402020
Lotte Chemical Corporatio	15	1510	151010	Mahindra CIE Automotive L	25	2510	251010
Lotte Chilsung Beverage C	30	3020	302010	Mahindra Holidays & Resor	25	2530	253010
LOTTE Fine Chemical Co.,	15	1510	151010	Mahle Metal Leve S.A.	25	2510	251010
Lotte Food Co.,Ltd.	30	3020	302020	Maiden Holdings, Ltd.			403010
LOTTE Himart Co.,Ltd.	25	2550	255040	Maire Tecnimont S.p.A.	20	2010	201030
Lotte Non - Life Insuranc			403010	Makalot Industrial Co., L	25	2520	252030
Louisiana-Pacific Corpora	15	1510	151050	Makino Milling Machine Co	20	2010	201060
Lowe's Companies, Inc.	25	2550	255040	Makita Corporation	20	2010	201060
LPP SA Capital Group	25	2520	252030	Malayan Banking Berhad			401010
LS Corp.	20	2010	201040	Malaysia Building Society			401020
LSIS Co., Ltd.	20	2010		Malaysian Pacific Industr	45	4530	
LTC Properties, Inc.			601010	Malaysian Resources Corpo	20		
Lu Thai Textile Co., Ltd.	25	2520	252030	Malee Group Public Compan	30	3020	302020
Lubelski Wegiel Bogdanka	10	1010	101020	MAN SE	20	2010	201060
Lucara Diamond Corp.	15	1510	151040	Man Wah Holdings Limited	25		
Lucky Cement Limited	15	1510		Manappuram Finance Limite			402020
Luminex Corporation	35	3520	352030	Mandom Corporation	30	3030	303020
Lundin Mining Corporation	15	1510	151040				

Manhattan Associates, Inc	45	4510	451030	Matson, Inc.	20	2030	203030
Mani, Inc.	35	3510	351010	Matsui Securities Co., Lt			402030
Manila Electric Company	55		551010	Matsumotokiyoshi Holdings	30	3010	
Manila Water Company, Inc	55		551040	Matsuya Co., Ltd.	25	2550	255030
Manitou BF SA	20	2010	201060	Matsuya Foods Co., Ltd.	25	2530	253010
ManpowerGroup Inc.	20	2020	202020	Mattel, Inc.	25	2520	252020
ManTech International Cor	45	4510	451020	Max Co., Ltd.	20	2010	201060
Manulife Financial Corpor			403010	Max Financial Services Li			403010
Mapfre, S.A.			403010	Maxar Technologies Ltd.	20	2010	201010
Maple Leaf Cement Factory	15	1510	151020	Maxim Integrated Products	45	4530	
Maple Leaf Foods Inc.	30	3020	302020	MAXIMUS, Inc.	45	4510	451020
Mapletree Commercial Trus			601010	Maxis Berhad	50		501020
Mapletree Industrial Trus			601010	Mayne Pharma Group Limite	35	3520	352020
Mapletree Logistics Trust			601010	Mazaya Qatar Real Estate			601020
Marathon Petroleum Corpor	10	1010	101020	Mazda Motor Corporation	25	2510	251020
Marcopolo S.A.	20	2010	201060	mBank S.A.			401010
Marico Limited	30	3030	303020	McCormick & Company, Inco	30	3020	302020
Marine Harvest ASA	30	3020	302020	MCJ Co., Ltd.	45	4520	452020
MarineMax, Inc.	25	2550	255040	McKesson Corporation	35	3510	351020
Marisa Lojas S.A.	25	2550	255030	McLeod Russel India Limit	30	3020	302020
MarketAxess Holdings Inc.			402030	MCUBS MidCity Investment			601010
Marksans Pharma Limited	35	3520	352020	Mediaset España Comunicac	25	2540	
MARR S.p.A.	30	3010		MediaTek Inc.	45	4530	
Marriott Vacations Worldw	25	2530	253010	Medical Properties Trust,			601010
Marshalls plc	15	1510	151020	Medicare Group Q.S.C.	35	3510	351020
Marten Transport, Ltd.	20	2030	203040	Medidata Solutions, Inc.	35	3510	351030
Martin Marietta Materials	15	1510	151020	Medifast, Inc.	30	3030	303020
Martinrea International I	25	2510	251010	MEDNAX, Inc.	35	3510	351020
Marubeni Corporation	20	2010	201070	Medy-Tox Inc.	35	3520	352010
Marudai Food Co., Ltd.	30	3020	302020	MegaChips Corporation	45	4530	
Maruha Nichiro Corporatio	30	3020	302020	Megawide Construction Cor	20	2010	201030
Maruichi Steel Tube Ltd.	15	1510	151040	Megaworld Corporation			601020
Marusan Securities Co., L			402030	Meggitt PLC	20	2010	201010
Maruti Suzuki India Limit	25	2510	251020	Megmilk Snow Brand Co., L	30	3020	302020
Maruwa Co., Ltd.	45	4520	452030	Meier Tobler Group AG	20	2010	201060
Maruzen Showa Unyu Co., L	20	2030	203040	Meiji Holdings Co., Ltd.	30	3020	302020
Marvell Technology Group	45	4530		Meiko Network Japan Co.,	25	2530	253020
Marvelous Inc.	45	4510	451030	Meitec Corporation	20	2020	202020
Masimo Corporation	35	3510	351010	Mekonomen AB (publ)	25	2550	255040
Massmart Holdings Limited	30	3010		Melco Holdings Inc.	45	4520	452020
MasTec, Inc.	20	2010	201030	Melco International Devel	25	2530	253010
MasterLink Securities Cor			402030	Melexis NV	45	4530	
Materion Corporation	15	1510	151040	Meliá Hotels Internationa	25	2530	253010
Matrix IT Ltd.	45	4510	451020	Melisron Ltd.			601020
Matrix Service Company	10	1010		Melrose Industries PLC	20		

Menora Mivtachim Holdings			403010	Mid-America Apartment Com			601010
MercadoLibre, Inc.	45	4510	451010	Middlesex Water Company	55		551040
Mercer International Inc.	15	1510	151050	Migdal Insurance and Fina			403010
Mercialys			601010	Milbon Co., Ltd.	30	3030	303020
Merck & Co., Inc.	35	3520	352020	Millat Tractors Limited	20	2010	201060
Merck Kommanditgesellschaft	35	3520	352020	Millicom International Ce	50		501020
Mercuries & Associates Ho			403010	Mimasu Semiconductor Indu	45	4530	
Mercuries Life Insurance			403010	MiMedx Group, Inc.	35	3520	352010
Mercury General Corporati			403010	Minda Industries Limited	25	2510	251010
Mercury Systems, Inc.	20	2010	201010	Mindtree Limited	45	4510	
Meredith Corporation	25	2540		MinebeaMitsumi Inc.	20		
Merida Industry Co.,Ltd.	25	2520	252020	Mineral Resources Limited	15	1510	151040
Meridian Bioscience, Inc.	35			Minerals Technologies Inc	15	1510	
Merit Medical Systems, In	35	3510	351010	MINISTOP Co., Ltd.	30	3010	
Meritage Homes Corporatio	25	2520	252010	Minor International Publi	25	2530	253010
Meritz Financial Group In			402010	Minth Group Limited	25	2510	251010
Meritz Fire & Marine Insu			403010	Miquel y Costas & Miquel,	15	1510	151050
Meritz Securities Co., Lt			402030	Miraca Holdings Inc.	35	3510	351020
Merry Electronics Co., Lt	45	4520	452030	MIRAIT Holdings Corporati	20	2010	201030
Methanex Corporation	15	1510	151010	Miroku Jyoho Service Co.,	45	4510	451030
Methode Electronics, Inc.	45	4520	452030	Mirvac Group			601010
MetLife, Inc.			403010	Misawa Homes Co., Ltd.	25	2520	252010
Metlifecare Limited	35	3510	351020	MISC Berhad	20	2030	203030
Metro Inc.	30	3010		Mitchells & Butlers plc	25	2530	253010
Metro Pacific Investments			402010	Mitsuba Corporation	25	2510	251010
Métropole Télévision S.A.	25	2540		Mitsubishi Chemical Holdi	15	1510	151010
Metsä Board Oyj	15	1510	151050	Mitsubishi Gas Chemical C	15	1510	151010
Metso Corporation	20	2010	201060	Mitsubishi Heavy Industri	20	2010	201060
Mettler-Toledo Internatio	35	3520	352030	Mitsubishi Logisnext Co.,	20	2010	201060
MGE Energy, Inc.	55			Mitsubishi Logistics Corp	20	2030	203050
MGIC Investment Corporati			401020	Mitsubishi Motors Corpora	25	2510	251020
MGM China Holdings Limite	25	2530	253010	Mitsubishi Pencil Co., Lt	20	2020	202010
MGM Resorts International	25	2530	253010	Mitsubishi Shokuhin Co.,	30	3010	
MGP Ingredients, Inc.	30	3020	302010	Mitsubishi Steel Mfg. Co.	15	1510	151040
Michael Hill Internationa	25	2550	255040	Mitsubishi Tanabe Pharma	35	3520	352020
Michael Kors Holdings Lim	25	2520		Mitsuboshi Belting Ltd.	20	2010	201060
Microchip Technology Inco	45	4530		Mitsui & Co., Ltd.	20	2010	201070
Microlife Corporation	35	3510	351010	Mitsui Chemicals, Inc.	15	1510	151010
Micron Technology, Inc.	45	4530		Mitsui E&S Holdings Co.,	20	2010	201060
Micronics Japan Co.,Ltd.	45	4530		Mitsui Fudosan Co., Ltd.			601020
MicroPort Scientific Corp	35	3510	351010	Mitsui High-tec, Inc.	45	4530	
Microsemi Corporation	45	4530		Mitsui Home Co., Ltd.	25	2520	252010
Microsoft Corporation	45	4510	451030	Mitsui Sugar Co., Ltd.	30	3020	302020
Micro-Star International	45	4520	452020	Miura Co., Ltd.	20	2010	201060
MicroStrategy Incorporate	45	4510	451030	mixi, Inc.	45	4510	451010

Mizrahi Tefahot Bank Ltd.			401010	MSCI Inc.			402030
Mizuho Financial Group, I			401010	MTI Ltd.	45	4510	451030
Mizuno Corporation	25	2520	252020	MTN Group Limited	50		501020
MKS Instruments, Inc.	45	4530		MTS Systems Corporation	45	4520	452030
MMI Holdings Limited			403010	MTU Aero Engines AG	20		
Mobile Mini, Inc.	20	2020	202010	Mueller Water Products, I	20	2010	201060
Mobimo Holding AG			601020	Muhak Co., Ltd.	30	3020	302010
Mochida Pharmaceutical Co	35	3520	352020	Muhibbah Engineering (M)	20	2010	
MODEC, Inc.	10	1010	101010	Mullen Group Ltd.	10	1010	101010
Modern Times Group Mtg AB	25	2540		Multi Commodity Exchange			402030
MODETOUR NETWORK Inc.	25	2530	253010	Multi-Color Corporation	20	2020	202010
Mohawk Industries, Inc.	25	2520	252010	Multiplan Empreendimentos			601020
MOIL Limited	15	1510	151040	Multiplus S.A.	25	2540	
Monadelphous Group Limite	20	2010	201030	Münchener Rückversicherun			403010
Monarch Casino & Resort,	25	2530	253010	Murata Manufacturing Co.,	45	4520	452030
Mondelez International, I	30	3020	302020	Murray & Roberts Holdings	20	2010	201030
Mondi plc	15	1510	151050	Musashi Seimitsu Industry	25	2510	251010
Monex Group, Inc.			402030	Muthoot Finance Limited			402020
Moneysupermarket.com Grou	45	4510	451010	My E.G. Services Berhad	45	4510	451020
Monolithic Power Systems,	45	4530		Mycronic AB (publ)	45	4520	452030
MonotaRO Co., Ltd.	20	2010	201070	Myer Holdings Limited	25	2550	255030
Monotype Imaging Holdings	45	4510	451030	MYR Group Inc.	20	2010	201030
Monro, Inc.	25	2550	255040	Myriad Genetics, Inc.	35	3520	352010
Monsanto Company	15	1510	151010	N Brown Group plc	25	2550	255020
Monsanto India Limited	15	1510	151010	Nagaiben Co., Ltd.	35	3510	351010
Monster Beverage Corporat	30	3020	302010	Nagase & Co., Ltd.	20	2010	201070
Moog Inc.	20	2010		Nagatanien Holdings Co.,L	30	3020	302020
Morgan Stanley			402030	Nagoya Railroad Co., Ltd.	20	2030	
Mori Hills REIT Investmen			601010	Nakanishi Inc.	35	3510	351010
MORI TRUST Sogo Reit, Inc			601010	Nam Tai Property Inc.			601020
Morinaga & Co., Ltd.	30	3020	302020	Namchow Holdings Co., Ltd	30	3020	302020
Morinaga Milk Industry Co	30	3020	302020	Namhae Chemical Corporati	15	1510	151010
Morita Holdings Corporati	20	2010	201060	Namura Shipbuilding Co.,	20	2010	201060
Morneau Shepell Inc.	20	2020	202020	Namyang Dairy Products Co	30	3020	302020
Morningstar, Inc.			402030	Nan Liu Enterprise Co., L	25	2520	252030
MOS Food Services, Inc.	25	2530	253010	NanKang Rubber Tire Corp.	25	2510	251010
Mota-Engil, SGPS, S.A.	20	2010	201030	Nanometrics Incorporated	45	4530	
Motherson Sumi Systems Li	25	2510	251010	Nanya Technology Corporat	45	4530	
Motilal Oswal Financial S			402030	Naphtha Israel Petroleum	10	1010	101020
Movado Group, Inc.	25	2520	252030	Nasdaq, Inc.			402030
Mpact Limited	15	1510	151030	NATCO Pharma Limited	35	3520	352020
Mphasis Limited	45	4510	451020	National Aluminium Compan	15	1510	
MS&AD Insurance Group Hol			403010	National Australia Bank L			401010
MSA Safety Incorporated	20	2020	202010	National Bank of Canada			401010
MSC Industrial Direct Co.	20	2010	201070	National Bank of Pakistan			401010

National Beverage Corp.	30	3020	302010	New World Development Com			601020
National Central Cooling	20	2010	201020	New York Community Bancor			401020
National Express Group PL	20	2030	203040	New York Mortgage Trust,			402040
National Grid plc	55			Newpark Resources, Inc.	10	1010	101010
National HealthCare Corpo	35	3510	351020	NewRiver REIT plc			601010
National Instruments Corp	45	4520	452030	NEX Group plc			402030
National Refinery Limited	10	1010	101020	Nexen Corporation	25	2510	251010
National Retail Propertie			601010	Nexen Tire Corporation	25	2510	251010
Natixis S.A.			402030	Nexity SA			601020
Natura Cosméticos S.A.	30	3030	303020	NEXON Co., Ltd.	45	4510	451030
Natural Gas Services Grou	10	1010	101010	Nexon GT Co., Ltd.	45	4510	451030
Naturgy Energy Group, S.A	55			Next Plc	25	2550	
Natus Medical Incorporate	35	3510	351010	NextEra Energy, Inc.	55		551010
Nautilus, Inc.	25			NFI Group Inc.	20	2010	201060
Navitas Limited	25	2530	253020	NGK Insulators, Ltd.	20	2010	201060
NBT Bancorp Inc.			401010	NGK Spark Plug Co., Ltd.	25	2510	251010
NCC Group plc	45	4510	451020	NH Foods Ltd.	30	3020	302020
NCC Limited	20	2010	201030	NH Investment & Securitie			402030
NCI Building Systems, Inc	20	2010	201020	NHK Spring Co., Ltd.	25	2510	251010
NCR Corporation	45			NHN KCP Corp.	45	4510	451020
NCSOFT Corporation	45	4510	451030	NIC Inc.	45	4510	451010
NEC Capital Solutions Lim			402010	NICE Holdings Co., Ltd.			402010
NEC Corporation	45	4520		NICE Information Service	20	2020	202020
NEC Networks & System Int	45	4510	451020	NICE Ltd.	45	4510	451030
Neenah, Inc.	15	1510	151050	NICHIDEN Corporation	20	2010	201070
Nemetschek SE	45	4510	451030	Nichiha Corporation	20	2010	201020
Neogen Corporation	35			Nichi-Iko Pharmaceutical	35	3520	352020
Neopost S.A.	45	4520	452020	Nickel Asia Corporation	15	1510	151040
Nesco Limited			601020	Nifco Inc.	25	2510	251010
Nestlé (Malaysia) Berhad	30	3020	302020	Nihon Chouzai Co.,Ltd.	30	3010	
Nestlé India Limited	30	3020	302020	Nihon Kohden Corporation	35	3510	351010
Nestlé S.A.	30	3020		Nihon Nohyaku Co., Ltd.	15	1510	151010
Net 1 UEPS Technologies,	45			Nihon Trim Co., Ltd.	20	2010	201060
Net One Systems Co., Ltd.	45	4510	451020	Nihon Unisys, Ltd.	45		
NetApp, Inc.	45	4520	452020	NIIT Technologies Limited	45	4510	451030
Netcare Limited	35	3510	351020	Nikkon Holdings Co., Ltd.	20		
NetEnt AB (publ)	45	4510	451010	Nine Dragons Paper (Holdi	15	1510	151050
Netflix, Inc.	25	2550	255020	Nintendo Co., Ltd.	45	4510	451030
NETGEAR, Inc.	45	4520	452010	Nippo Corporation	20	2010	201030
Netia S.A.	50		501010	Nippon Accommodations Fun			601010
NetScout Systems, Inc.	45	4520	452010	Nippon Beet Sugar Manufac	30	3020	302020
NEUCA SA	35	3510	351020	Nippon Building Fund Inco			601010
Nevsun Resources Ltd.	15	1510	151040	Nippon Ceramic Co., Ltd.	45	4520	452030
New Jersey Resources Corp	55		551020	Nippon Denko Co., Ltd.	15	1510	151040
New Wave Group AB (publ)	25			Nippon Densetsu Kogyo Co.	20	2010	201030

Nippon Electric Glass Co.	45	4520	452030	Nomura Research Institute	45	4510	451020
Nippon Express Co., Ltd.	20	2030	203040	Nongshim Co., Ltd.	30	3020	302020
Nippon Flour Mills Co., L	30	3020	302020	Norbord Inc.	15	1510	151050
Nippon Gas Co., Ltd.	55		551020	Nordex SE	20	2010	201040
Nippon Kanzai Co., Ltd.	20	2020	202010	Nordic Semiconductor ASA	45	4530	
Nippon Light Metal Holdin	15	1510	151040	Nordstrom, Inc.	25	2550	255030
Nippon Paint Holdings Co.	15	1510	151010	Norfolk Southern Corporat	20	2030	203040
Nippon Paper Industries C	15	1510	151050	Noritz Corporation	20	2010	201020
NIPPON PARKING DEVELOPMEN	20	2020	202010	NORMA Group SE	20	2010	201060
Nippon Shinyaku Co., Ltd.	35	3520	352020	Norstar Holdings Inc.			601020
Nippon Shokubai Co., Ltd.	15	1510	151010	North Pacific Bank, Ltd.			401010
Nippon Steel & Sumikin Bu	20	2010	201070	Northern Star Resources L	15	1510	151040
NIPPON STEEL & SUMITOMO M	15	1510	151040	Northern Trust Corporatio			402030
Nippon Suisan Kaisha, Ltd	30	3020	302020	Northgate plc	20	2030	203040
Nippon Telegraph and Tele	50			Northland Power Inc.	55		551050
Nippon Thompson Co., Ltd.	20	2010	201060	Northrop Grumman Corporat	20	2010	201010
Nipro Corporation	35			Northrop Grumman Innovati	20	2010	201010
Nishat Mills Limited	25	2520	252030	Northview Apartment Real			601010
Nishimatsu Construction C	20	2010	201030	Northwest Bancshares, Inc			401020
Nishimatsuya Chain Co., L	25	2550	255040	Northwest Natural Gas Com	55		551020
Nishio Rent All Co., Ltd.	20	2010	201070	Northwestern Corporation	55		551030
NiSource Inc.	55			Norway Royal Salmon AS	30	3020	302020
Nissan Motor Co., Ltd.	25	2510	251020	Norwegian Cruise Line Hol	25	2530	253010
Nissan Shatai Co., Ltd.	25	2510	251020	Norwegian Property ASA			601020
Nissei Asb Machine Co., L	20	2010	201060	NOS, S.G.P.S., S.A.	25	2540	
Nisshin Seifun Group Inc.	30			Nova Measuring Instrument	45	4530	
Nissin Electric Co.,Ltd.	20	2010	201040	Novartis AG	35	3520	352020
Nissin Foods Holdings Co.	30	3020	302020	Novatek Microelectronics	45	4530	
Nissin Kogyo Co., Ltd.	25	2510	251010	Novo Nordisk A/S	35	3520	352020
Nitori Holdings Co., Ltd.	25	2550	255040	Novolipetsk Steel	15	1510	151040
Nitta Corporation	20	2010	201060	Novozymes A/S	15	1510	151010
Nittetsu Mining Co., Ltd.	15	1510	151040	NS Solutions Corporation	45	4510	451020
Nitto Kohki Co., Ltd.	20	2010		NS United Kaiun Kaisha, L	20	2030	203030
Nittoku Engineering Co.,	20	2010	201060	NSD Co., Ltd.	45	4510	451030
NKT A/S	20	2010	201040	NTN Corporation	20	2010	201060
NMC Health Plc	35	3510	351020	NTPC Limited	55		551050
Nobia AB (publ)	25	2520	252010	NTT Data Corporation	45	4510	451020
Noevir Holdings Co., Ltd.	30	3030	303020	NTT DOCOMO, INC.	50		501020
Nohmi Bosai Ltd.	45	4520	452030	NTT Urban Development Cor			601020
Nojima Corporation	25	2550	255040	Nu Skin Enterprises, Inc.	30	3030	303020
NOK Corporation	25	2510	251010	Nucor Corporation	15	1510	151040
Nokian Renkaat Oyj	25	2510	251010	Nufarm Limited	15	1510	151010
NOMURA Co., Ltd.	20	2020	202020	NuFlare Technology, Inc.	45	4530	
Nomura Holdings, Inc.			402030	Nutrien Ltd.	15	1510	151010
				Nutrisystem, Inc.	25	2550	255020

NuVasive, Inc.	35	3510	351010	OMV Aktiengesellschaft	10	1010	101020
Nuvoton Technology Corpor	45	4530		ON Semiconductor Corporat	45	4530	
NV Bekaert SA	15	1510	151040	On-Bright Electronics Inc	45	4530	
NVIDIA Corporation	45	4530		ONEOK, Inc.	10	1010	101020
NVR, Inc.	25	2520	252010	OneSpan Inc.	45	4510	451030
NWS Holdings Limited	20	2010	201050	O-Net Technologies (Group	45	4520	452010
O2 Czech Republic a.s.	50		501010	Ono Pharmaceutical Co., L	35	3520	352020
Oasis Petroleum Inc.	10	1010	101020	Onward Holdings Co., Ltd.	25	2520	252030
Obara Group Incorporated	20	2010	201060	Ooredoo Q.P.S.C.	50		501010
Obayashi Corporation	20	2010	201030	OP Financial Limited			402030
Oberoi Realty Limited			601020	Open Text Corporation	45	4510	451030
OBIC Business Consultants	45	4510	451030	OPTEX Group Co., Ltd.	45	4520	452030
OBIC Co., Ltd.	45	4510	451020	Oracle Corporation	45	4510	451030
Ocado Group plc	25	2550	255020	Oracle Corporation Japan	45	4510	451030
Oceana Group Limited	30	3020	302020	Orange Belgium S.A.	50		501020
OceanaGold Corporation	15	1510	151040	Orange Polska S.A.	50		501010
Odakyu Electric Railway C	20	2030	203040	Orange S.A.	50		
Odontoprev S.A.	35	3510	351020	OraSure Technologies, Inc	35	3510	351010
Oeneo SA	15	1510	151030	Orbotech Ltd.	45	4520	452030
Office Depot, Inc.	25	2550	255040	O'Reilly Automotive, Inc.	25	2550	255040
OFG Bancorp			401010	Organo Corporation	20	2010	201060
OGE Energy Corp.	55		551010	Orica Limited	15	1510	151010
OHB SE	20	2010	201010	Orient Corporation			402020
Ohsho Food Service Corp.	25	2530	253010	Oriental Land Co., Ltd.	25	2530	253010
Oil and Gas Development C	10	1010	101020	Oriental Union Chemical C	15	1510	151010
Oil and Natural Gas Corpo	10	1010	101020	Oriental Weavers Company	25	2520	252010
Oil Refineries Ltd.	10	1010	101020	Origin Enterprises plc	30	3020	302020
Oil Search Limited	10	1010	101020	Oriola Oyj	35	3510	351020
Oiles Corporation	20	2010	201060	ORION Holdings Corp.	30	3020	302020
Oji Holdings Corporation	15	1510	151050	Orion Oyj	35	3520	352020
Okabe Co., Ltd.	20	2010	201020	ORIOR AG	30	3020	302020
Okamura Corporation	20	2020	202010	Oritani Financial Corp.			401020
Okasan Securities Group I			402030	ORIX JREIT Inc.			601010
Oki Electric Industry Co.	45	4520		Orkla ASA	30	3020	302020
Okuma Corporation	20	2010	201060	ORPEA Société Anonyme	35	3510	351020
Okuwa Co., Ltd.	30	3010		Orthofix International N.	35	3510	351010
Old Dominion Freight Line	20	2030	203040	Osaka Soda Co., Ltd.	15	1510	151010
Old National Bancorp			401010	Osaka Steel Co., Ltd.	15	1510	151040
Old Republic Internationa			403010	Osaki Electric Co., Ltd.	45	4520	452030
Olin Corporation	15	1510	151010	OSG Corporation	20	2010	201060
Olympus Corporation	35	3510	351010	Oshkosh Corporation	20	2010	
Omega Healthcare Investor			601010	OSI Systems, Inc.	45	4520	452030
Omnia Holdings Limited	15	1510		OSJB Holdings Corporation	20	2010	201030
Omnicell, Inc.	35	3510	351030	Osstem Implant Co., Ltd.	35	3510	351010
Omnicom Group Inc.	25	2540		Österreichische Post AG	20	2030	203010

Otokar Otomotiv ve Savunm	20	2010	201060	Parkland Fuel Corporation	10	1010	101020
OTP Bank Plc.			401010	Park-Ohio Holdings Corp.	20	2010	201060
Otsuka Corporation	45	4510	451020	Parkson Retail Group Limi	25	2550	255030
Ottogi Corporation	30	3020	302020	Parque Arauco S.A.			601020
OUE Limited			601020	Partner Communications Co	50		501020
OUTSOURCING Inc.	20	2020		Partners Group Holding AG			402030
Owens & Minor, Inc.	35	3510	351020	Partron Co., Ltd.	45	4520	452030
Owens Corning	20	2010	201020	Pason Systems Inc.	10	1010	101010
Owens-Illinois, Inc.	15	1510	151030	Pasona Group Inc.	20	2020	202020
Oxford Industries, Inc.	25	2520	252030	Patrick Industries, Inc.	20	2010	201020
OYO Corporation	20	2020	202010	PATRIZIA Immobilien AG			601020
OZ Minerals Limited	15	1510	151040	Pavilion Real Estate Inve			601010
P. H. Glatfelter Company	15	1510	151050	PAX Global Technology Lim	45	4520	452030
P/F Bakkafrost	30	3020	302020	Paychex, Inc.	45	4510	451020
PACCAR Inc	20	2010	201060	PBF Energy Inc.	10	1010	101020
Pacific Industrial Co., L	25	2510	251010	PC Connection, Inc.	45	4520	452030
Packages Limited	15	1510		PC Depot Corporation	25	2550	255040
Packaging Corporation of	15	1510	151030	PC Jeweller Limited	25	2550	255040
PacWest Bancorp			401010	PCCW Limited	50		501010
Paddy Power Betfair plc	25	2530	253010	PChome Online Inc.	45	4510	451010
Padini Holdings Berhad	25	2550	255040	PDF Solutions, Inc.	45	4530	
Page Industries Limited	25	2520	252030	Pegasystems Inc.	45	4510	451030
PageGroup plc	20	2020	202020	Pegatron Corporation	45	4520	452020
Paiho Shih Holdings Corpo	25	2520	252030	Pembina Pipeline Corporat	10	1010	101020
Pakistan Oilfields Limite	10	1010	101020	Pendal Group Limited			402030
Pakistan State Oil Compan	10	1010	101020	Pendragon PLC	25	2550	255040
PAL GROUP Holdings CO., L	25	2550		Pennon Group Plc	55		551040
Palm Hills Developments C			601020	PennyMac Mortgage Investm			402040
Paltac Corporation	25	2550	255010	Penske Automotive Group,	25	2550	255040
Panalpina Welttransport (	20	2030		Penta-Ocean Construction	20	2010	201030
Pandora A/S	25	2520	252030	People's United Financial			401010
Pan-International Industr	45	4520	452030	Pepper Food Service Co.,	25	2530	253010
PAO NOVATEK	10	1010	101020	Pepsico, Inc.	30	3020	
PAO Severstal	15	1510	151040	Per Aarsleff Holding A/S	20	2010	201030
PAO TMK	10	1010	101010	Peregrine Holdings Limite			402030
Papeles y Cartones de Eur	15	1510		Perficient, Inc.	45	4510	451020
Parade Technologies, Ltd.	45	4530		PerkinElmer, Inc.	35		
Paradise Co., Ltd.	25	2530	253010	Pernod Ricard SA	30	3020	302010
Paramount Bed Holdings Co	35	3510	351010	Perpetual Limited			402030
Parco Co. Ltd.	25	2550	255030	Persimmon plc	25	2520	252010
Parex Resources Inc.	10	1010	101020	Persistent Systems Limite	45	4510	451020
Pargesa Holding SA			402010	Persol Holdings Co., Ltd.	20	2020	202020
Park National Corporation			401010	Perusahaan Perseroan (Per	50		
PARK24 Co., Ltd.	20			Petkim Petrokimya Holding	15	1510	151010
Parker-Hannifin Corporati	20	2010	201060	PetMed Express, Inc.	25	2550	255020

Petra Diamonds Limited	15	1510	151040	Plenus Company Limited	25	2530	253010
PetroChina Company Limite	10	1010	101020	Plexus Corp.	45	4520	452030
Petron Corporation	10	1010	101020	PNM Resources, Inc.	55		551010
Petron Malaysia Refining	10	1010	101020	POLA Orbis Holdings Inc.	30	3030	303020
PETRONAS Chemicals Group	15	1510	151010	Polaris Industries Inc.	25		
PETRONAS Dagangan Berhad	10	1010	101020	Poly Property Group Co.,			601020
PETRONAS Gas Berhad	55		551020	Polyplex (Thailand) Publi	15	1510	151030
Petronet LNG Limited	10	1010	101020	Polytec Holding AG	25	2510	251010
Peyto Exploration & Devel	10	1010	101020	Ponsse Oyj	20	2010	201060
Pfeiffer Vacuum Technolog	20	2010	201060	Pool Corporation	25	2550	255010
Pfizer Inc.	35	3520	352020	Poongsan Holdings Corpora	15	1510	151040
Pfizer Limited	35	3520	352020	Portland General Electric	55		551010
PG&E Corporation	55		551010	Porto Seguro S.A.			403010
PGE Polska Grupa Energety	55		551010	Posco Chemtech Company Lt	15	1510	151020
PGT Innovations, Inc.	20	2010	201020	Posco Daewoo Corporation	20	2010	201070
Philip Morris CR a.s.	30	3020	302030	Posco ICT Company Ltd.	45	4510	451020
Phillips 66	10	1010	101020	Posiflex Technology, Inc.	45	4520	452030
Phison Electronics Corp.	45	4530		PotlatchDeltic Corporatio			601010
Phoenix Group Holdings			403010	Pou Chen Corporation	25		
Photo-Me International pl	25	2520	252020	Pou Sheng International (	25	2550	255040
Photronics, Inc.	45	4530		Powell Industries, Inc.	20	2010	201040
PI Industries Limited	15	1510	151010	Power Corporation of Cana			403010
PIA Corporation	25	2530	253020	Power Finance Corporation			402010
Piaggio & C. SpA	25	2510	251020	Power Financial Corporati			403010
PICC Property and Casualt			403010	Power Integrations, Inc.	45	4530	
Pick n Pay Stores Limited	30	3010		Powerlong Real Estate Hol			601020
Pier 1 Imports, Inc.	25	2550	255040	Powertech Technology Inc.	45	4530	
Pigeon Corporation	30	3030	303010	Powszechna Kasa Oszczedno			401010
Pilot Corporation	20	2020	202010	Powszechny Zaklad Ubezpie			403010
Pinnacle Financial Partne			401010	POYA International Co., L	25	2550	255030
Pinnacle West Capital Cor	55		551010	PPB Group Berhad	30	3020	302020
PIOLAX, Inc.	25	2510	251010	PPC Ltd	15	1510	151020
Pioneer Food Group Ltd	30	3020		PPG Industries, Inc.	15	1510	151010
Pioneers Holding Co.			402030	PPL Corporation	55		551010
Piper Jaffray Companies			402030	PRA Group, Inc.			402020
Piraeus Port Authority S.	20	2030	203050	Praxair, Inc.	15	1510	151010
Pitney Bowes Inc.	20			Precinct Properties New Z			601010
PixArt Imaging Inc.	45	4530		Premier Investments Limit	25	2550	255040
PJSC LUKOIL	10	1010	101020	Premium Brands Holdings C	30	3020	302020
PJSC PhosAgro	15	1510	151010	President Securities Corp			402030
Plantronics, Inc.	45	4520	452010	Press Kogyo Co., Ltd.	25	2510	251010
Plastiques du Val de Loir	15	1510	151010	Press Metal Aluminium Hol	15	1510	151040
Platinum Investment Manag			402030	Prestige Brands Holdings,	35	3520	352020
Playtech plc	25	2530	253010	Prestige Estates Projects			601020
PLDT Inc.	50			Prestige International In	20	2020	202010

PriceSmart, Inc.	30	3010		PT Ciputra Development Tb			601020
Prima Industrie S.p.A.	20	2010	201060	PT Delta Dunia Makmur Tbk	10	1010	101020
Prima Meat Packers, Ltd.	30	3020	302020	PT Gudang Garam Tbk	30	3020	302030
Primary Health Care Limit	35	3510	351020	PT Hanjaya Mandala Sampoe	30	3020	302030
Primary Health Properties			601010	PT Indo Tambangraya Megah	10	1010	101020
Prince Housing & Developm			601020	PT Indocement Tunggul Pra	15	1510	151020
Principal Financial Group			403010	PT Indofood CBP Sukses Ma	30	3020	302020
Pro Medicus Limited	35	3510	351030	PT Intiland Development T			601020
ProAssurance Corporation			403010	Pt Jasa Marga (Persero) T	20	2030	203050
Probi AB (publ)	35	3520	352010	PT Kalbe Farma Tbk.	35	3520	352020
Progress Software Corpora	45	4510	451030	PT Medco Energi Internasi	10	1010	101020
Prologis, Inc.			601010	PT Modernland Realty Tbk			601020
Promotora y Operadora de	20	2030	203050	PT Nippon Indosari Corpin	30	3020	302020
Prosegur Compañía de Segu	20	2020	202010	PT Pakuwon Jati Tbk			601020
Prosperity Bancshares, In			401010	PT Panin Financial Tbk			403010
Prosperity Real Estate In			601010	PT Pembangunan Perumahan	20	2010	201030
Protector Forsikring ASA			403010	PT Perusahaan Perkebunan	30	3020	302020
Proto Corporation	25	2540		PT Ramayana Lestari Sento	25	2550	255030
Proto Labs, Inc.	20	2010	201060	PT Semen Indonesia (Perse	15	1510	151020
Provident Financial plc			402020	PT Summarecon Agung Tbk			601020
Provident Financial Servi			401020	PT Surya Citra Media Tbk	25	2540	
Proximus PLC	50		501010	PT Timah Tbk	15	1510	151040
Prudential Financial, Inc			403010	PT Tower Bersama Infrastr	50		501010
Prudential plc			403010	PT Tunas Baru Lampung Tbk	30	3020	302020
Prysmian S.p.A.	20	2010		PT Unilever Indonesia Tbk	30	3030	303010
PS Business Parks, Inc.			601010	PT United Tractors Tbk	10	1010	101020
PSG Group Limited			402010	PT Visi Media Asia Tbk	25	2540	
PSK Inc.	45	4530		PT Waskita Karya (Persero	20	2010	201030
PSP Swiss Property AG			601020	PT Wijaya Karya (Persero)	20	2010	201030
PT Ace Hardware Indonesia	25	2550	255040	PT XL Axiata Tbk	50		501020
PT Adaro Energy Tbk	10	1010	101020	PT. Global Mediacom Tbk	25	2540	
PT Adhi Karya (Persero) T	20	2010	201030	PT. Harum Energy Tbk	10	1010	101020
PT AKR Corporindo Tbk	20	2010	201070	PT. Media Nusantara Citra	25	2540	
PT Alam Sutera Realty Tbk			601020	PT. Mitra Adiperkasa Tbk	25	2550	255030
PT Aneka Tambang Tbk	15	1510	151040	PTC Inc.	45	4510	451030
PT Astra International Tb	25	2510	251020	PTC India Financial Servi			402030
PT Bank Bukopin Tbk			401010	PTT Exploration and Produ	10	1010	101020
PT Bank Central Asia Tbk			401010	Public Bank Berhad			401010
PT Bank Mandiri (Persero)			401010	Public Joint Stock Compan	10	1010	101020
PT Bank Negara Indonesia			401010	Public Joint-Stock Compan	30	3010	501020
PT Bank Pembangunan Daera			401010	Public Service Enterprise	55		551030
PT Bank Tabungan Negara (			401010	Public Storage			601010
PT Bukit Asam Tbk	10	1010	101020	Publicis Groupe S.A.	25	2540	
PT Bumi Serpong Damai Tbk			601020	Pulmuone Co., Ltd.	30	3020	302020
PT Charoen Pokphand Indon	30	3020	302020	PulteGroup, Inc.	25	2520	252010

PVH Corp.	25			Ralph Lauren Corporation	25	2520	252030
PVR Limited	25	2540		Rambus Inc.	45	4530	
PZ Cussons Plc	30	3030		Ramco-Gershenson Properti			601010
QAF Limited	30	3020	302020	Rami Levi Chain Stores Ha	30	3010	
Qatar Electricity and Wat	55		551030	Ramirent Oyj	20	2010	201070
Qatar Gas Transport Compa	10	1010	101020	Ramsay Health Care Limite	35	3510	351020
Qatar Insurance Company S			403010	Rand Merchant Investment			403010
Qatar Islamic Bank (Q.P.S			401010	Randgold Resources Limite	15	1510	151040
Qatar National Bank (Q.P.			401010	Randstad NV	20	2020	202020
Qatar National Cement Com	15	1510	151020	Rassini, S.A.B. de C.V.	25	2510	251010
QBE Insurance Group Limit			403010	Ratchthani Leasing Public			402020
QGEP Participações S.A.	10	1010	101020	Rathbone Brothers Plc			402030
QinetiQ Group Plc	20	2010	201010	RATIONAL Aktiengesellscha	20	2010	201060
Qingling Motors Co., Ltd.	25	2510	251020	Raubex Group Limited	20	2010	201030
Qisda Corporation	45	4520		Raymond James Financial,			402030
QL Resources Berhad	30	3020	302020	Raymond Limited	25	2520	252030
Qol Co., Ltd.	30	3010		Raytheon Company	20	2010	201010
Qorvo, Inc.	45	4530		RBC Bearings Incorporated	20	2010	201060
QST International Corp.	20	2010	201060	RCR Tomlinson Limited	20	2010	
Quaker Chemical Corporati	15	1510	151010	RDI REIT P.L.C.			601010
QUALCOMM Incorporated	45			REA Group Limited	45	4510	451010
Qualicorp Consultoria e C	35	3510	351020	Realtek Semiconductor Cor	45	4530	
Quality Houses Public Com			601020	Rebosis Property Fund Lim			601010
Quality Systems, Inc.	35	3510	351030	Rechi Precision Co., Ltd.	20	2010	201060
Qualys, Inc.	45	4510	451030	Reckitt Benckiser Group p	30	3030	303010
Quanex Building Products	20	2010	201020	Recordati Industria Chimi	35	3520	352020
Quanta Computer Inc.	45	4520	452020	Red Eléctrica Corporación	55		551010
Quanta Services, Inc.	20	2010	201030	Red Hat, Inc.	45	4510	451030
Qube Holdings Limited	20	2030		Red Robin Gourmet Burgers	25	2530	253010
Quebecor Inc.	25	2540		Redde plc	20	2030	203040
Quest Diagnostics Incorpo	35	3510	351020	Redefine Properties Limit			601010
Radian Group Inc.			401020	Redington (India) Limited	45	4520	452030
Radiant Opto-Electronics	45	4530		Redrow plc	25	2520	252010
Radico Khaitan Limited	30	3020	302010	Regal Beloit Corporation	20	2010	
Radisson Hospitality AB (	25	2530	253010	Regency Centers Corporati			601010
Radium Life Technology Co			601020	Regeneron Pharmaceuticals	35	3520	352010
Raffles Medical Group Ltd	35	3510	351020	Regional S.A.B. de C.V.			401010
Raging River Exploration	10	1010	101020	Regions Financial Corpora			401010
Raia Drogasil S.A.	30	3010		Regis Resources Limited	15	1510	151040
Raiffeisen Bank Internati			401010	Reinsurance Group of Amer			403010
Rain Industries Limited	15	1510	151010	Reit 1 Ltd			601010
Raito Kogyo Co., Ltd.	20	2010	201030	Relia, Inc.	20	2020	202010
Rajesh Exports Limited	25	2520	252030	Reliance Infrastructure L	55		551010
RAK Properties P.J.S.C.			601020	Reliance Power Limited	55		551050
Rallis India Limited	15	1510	151010	Reliance Steel & Aluminum	15	1510	151040

Relo Group, Inc.			601020	Robinson Public Company L	25	2550	255030
RELX PLC	20	2020	202020	Robinsons Land Corporatio			601020
Remgro Limited			402010	Roche Holding AG	35	3520	352020
Rémy Cointreau SA	30	3020	302010	Rock Field Co., Ltd.	30	3020	302020
REN - Redes Energéticas N	55			Rockwell Collins, Inc.	20	2010	201010
RenaissanceRe Holdings Lt			403010	Rogers Communications Inc	50		501020
Renault SA	25	2510	251020	ROHM Co., Ltd.	45	4530	
Renesas Electronics Corpo	45	4530		Rohto Pharmaceutical Co.,	35	3520	352020
Rengo Co., Ltd.	15	1510	151030	Rokko Butter Co., Ltd.	30	3020	302020
Renishaw plc	45	4520	452030	Roland DG Corporation	45	4520	452020
Repligen Corporation	35	3520	352010	Rollins, Inc.	20	2020	202010
Reply S.p.A.	45	4510	451020	Rolls-Royce Holdings plc	20	2010	
Repsol, S.A.	10	1010	101020	Roper Technologies, Inc.	20	2010	
Republic Services, Inc.	20	2020	202010	Ross Stores, Inc.	25	2550	255040
ResMed Inc.	35	3510	351010	Royal Bank of Canada			401010
Resolute Mining Limited	15	1510	151040	Royal Boskalis Westminste	20	2010	201030
Resona Holdings, Inc.			401010	Royal Caribbean Cruises L	25	2530	253010
Resorttrust, Inc.	25	2530	253010	Royal Dutch Shell plc	10	1010	101020
Resources Connection, Inc	20	2020	202020	Royal Holdings Co., Ltd.	25	2530	253010
Retail Opportunity Invest			601010	Royal Unibrew A/S	30	3020	302010
REX American Resources Co	10	1010	101020	RPC Group Plc	15	1510	151030
Rexel S.A.	20	2010	201070	RPC, Inc.	10	1010	101010
REYON Pharmaceutical Co.,	35	3520	352020	RPM International Inc.	15	1510	151010
RHB Bank Berhad			401010	RPS Group plc	20	2020	202010
RHI Magnesita N.V.	15	1510	151020	RSA Insurance Group plc			403010
RHÖN-KLINIKUM Aktiengesel	35	3510	351020	RTL Group SA	25	2540	
RIB Software SE	45	4510	451030	Rubis	55		551020
Richter Gedeon Vegyészeti	35	3520	352020	Rudolph Technologies, Inc	45	4530	
Ricoh Company, Ltd.	45	4520	452020	Ruentex Industries Limite	25	2520	252030
Ricoh Leasing Company, Lt			402010	Run Long Construction Co.	20	2010	201030
Rieter Holding AG	20	2010	201060	Rural Electrification Cor			402010
Riken Corporation	25	2510	251010	Rush Enterprises, Inc.	20	2010	201070
Riken Keiki Co., Ltd.	45	4520	452030	Russel Metals Inc.	20	2010	201070
Riken Vitamin Co., Ltd.	30	3020	302020	Ruth's Hospitality Group,	25	2530	253010
Ringer Hut Co.,Ltd.	25	2530	253010	Ryanair Holdings plc	20	2030	203020
Rinnai Corporation	25	2520	252010	Ryder System, Inc.	20	2030	203040
Rio Tinto plc	15	1510	151040	Ryman Healthcare Limited	35	3510	351020
RioCan Real Estate Invest			601010	Ryman Hospitality Propert			601010
Riso Kagaku Corporation	45	4520	452020	Ryobi Limited	20	2010	201060
Ritchie Bros. Auctioneers	20	2020	202010	Ryohin Keikaku Co., Ltd.	25	2550	255030
Riverstone Holdings Limit	20	2020	202010	Ryosan Company, Limited	45	4520	452030
RLI Corp.			403010	Ryoyo Electro Corporation	45	4520	452030
RMB Holdings Limited			402010	S Foods Inc.	30	3020	302020
Road King Infrastructure			601020	S IMMO AG			601020
Robert Half International	20	2020	202020	S P Setia Berhad			601020

S&P Global Inc.			402030	Sanken Electric Co., Ltd.	45	4530	
S&T AG	45			Sanki Engineering Co., Lt	20	2010	201030
S&T Bancorp, Inc.			401010	Sankyo Co., Ltd.	25	2520	252020
S.T. Corporation	30	3030	303010	Sankyu Inc.	20		
S-1 Corporation	20	2020	202010	Sanlam Limited			403010
Saab AB (publ)	20	2010	201010	Sanmina Corporation	45	4520	452030
Sabra Health Care REIT, I			601010	Sanofi	35	3520	352020
Sac's Bar Holdings Inc.	25	2550	255040	Sanofi India Limited	35	3520	352020
Safestore Holdings plc			601010	Sanrio Company, Ltd.	25	2550	255040
Safety Insurance Group, I			403010	Sansiri Public Company Li			601020
SAF-Holland S.A.	25	2510	251010	Santen Pharmaceutical Co.	35	3520	352020
Safran SA	20	2010	201010	Sanwa Holdings Corporatio	20	2010	201020
Saia, Inc.	20	2030	203040	Sanyo Chemical Industries	15	1510	151010
Saint Marc Holdings Co.,	25	2530	253010	Sanyo Denki Co., Ltd.	20	2010	201040
Saizeriya Co., Ltd.	25	2530	253010	Sanyo Special Steel Co.,	15	1510	151040
Sajo Industries Company L	30	3020	302020	São Martinho S.A.	30	3020	302020
Sakai Chemical Industry C	15	1510	151010	SAP SE	45	4510	451030
Sakai Moving Service Co.,	20	2030	203040	Sapiens International Cor	45	4510	451030
Sakata INX Corporation	15	1510	151010	Sappi Limited	15	1510	151050
Sakata Seed Corporation	30	3020	302020	Sapporo Holdings Limited	30	3020	
SalfaCorp S.A.	20	2010	201030	Saputo Inc.	30	3020	302020
Salini Impregilo S.p.A.	20	2010	201030	Saracen Mineral Holdings	15	1510	151040
SalMar ASA	30	3020	302020	Sartorius Stedim Biotech	35	3520	352030
Salvatore Ferragamo S.p.A	25	2520	252030	SAS AB (publ)	20	2030	203020
Samchully Co.,Ltd	55		551020	Sasa Polyester Sanayi A.S	15	1510	151010
Samjin Pharmaceuticals Co	35	3520	352020	Sato Holdings Corporation	20	2020	202010
Sampo Oyj			403010	Saul Centers, Inc.			601010
Samsung Card Co., Ltd.			402020	Savills plc			601020
Samsung Electro-Mechanics	45			Sawai Pharmaceutical Co.,	35	3520	352020
Samsung Electronics Co.,	45			Sberbank of Russia			401010
Samsung Fire & Marine Ins			403010	SBI Holdings, Inc.			402030
Samsung Life Insurance Co			403010	SBM Offshore N.V.	10	1010	101010
Samsung Securities Co.,Lt			402030	SBS Media Holdings Co., L	25	2540	
Samyang Corporation	30	3020	302020	SC Asset Corporation Publ			601020
Samyang Foods Co., Ltd.	30	3020	302020	ScanSource, Inc.	45	4520	452030
San Fang Chemical Industr	15	1510	151010	Scentre Group			601010
San Shing Fastech Corp.	20	2010	201060	Schindler Holding AG	20	2010	201060
SAN-A CO.,LTD.	30	3010		Schlumberger Limited	10	1010	101010
San-Ai Oil Co., Ltd.	10	1010	101020	Schneider Electric S.E.	20		
Sanderson Farms, Inc.	30	3020	302020	Scholastic Corporation	25	2540	
Sandfire Resources NL	15	1510	151040	Schroder Real Estate Inve			601010
Sands China Ltd.	25	2530	253010	Schroders plc			402030
Sandvik AB	20	2010	201060	Schweiter Technologies AG	20	2010	201020
Sangetsu Corporation	25	2520	252010	Schweitzer-Mauduit Intern	15	1510	151050
Sangsangin Co., Ltd.	45	4520	452010	ScinoPharm Taiwan, Ltd.	35	3520	352020

SCOR SE			403010	Shandong Chenming Paper H	15	1510	151050
SCREEN Holdings Co., Ltd.	45			Shandong Weigao Group Med	35	3510	351010
SCSK Corporation	45	4510	451020	Shanghai Baosight Softwar	45	4510	451030
SDI Corporation	45	4530		Shanghai Fudan Microelect	45	4530	
Seaboard Corporation	30			Shanghai Industrial Urban			601020
SeAH Besteel Corporation	15	1510	151040	Shanghai Jin Jiang Intl I	20	2030	203040
SeAH Steel Corporation	15	1510	151040	Shanghai Lingyun Industri	55		551050
SEB SA	25	2520	252010	Shanghai Pharmaceuticals	35	3510	351020
Sebang Global Battery Co.	25	2510	251010	Shanghai Prime Machinery	20	2010	201060
Seegene, Inc.	35	3520	352010	Shanghai Shibe Hi-Tech C			601020
Sega Sammy Holdings Inc.	25	2520	252020	Shangri-La Asia Limited	25	2530	253010
SEGRO plc			601010	Shaw Communications Inc.	25	2540	
Seikagaku Corporation	35	3520	352020	Shawcor Ltd.	10	1010	101010
Seiko Epson Corporation	45	4520		Shenandoah Telecommunicat	50		
Seiko Holdings Corporatio	25	2520	252030	Sheng Siong Group Ltd	30	3010	
Seino Holdings Co., Ltd.	20			Shenzhen Expressway Compa	20	2030	203050
Seiren Co.,Ltd.	25			Shenzhen International Ho	20		
Sekisui House Residential			601010	Shenzhen Investment Limit			601020
Sekisui House, Ltd.	25	2520	252010	Shenzhen SEG Co., Ltd.			601020
Sekisui Jushi Corporation	20	2010	201020	Shenzhou International Gr	25	2520	252030
Sekisui Plastics Co., Ltd	15	1510	151010	Shikoku Chemicals Corpora	15	1510	151010
Selçuk Ecza Deposu Ticare	35	3510	351020	Shilpa Medicare Limited	35	3520	352020
Select Harvests Limited	30	3020	302020	Shima Seiki Mfg., Ltd.	20	2010	201060
Select Medical Holdings C	35	3510	351020	Shimachu Co., Ltd.	25	2550	255040
Selective Insurance Group			403010	SHIMAMURA Co., Ltd.	25	2550	255040
Selvaag Bolig ASA			601020	Shimano Inc.	25	2520	252020
SEMAFO Inc.	15	1510	151040	Shimao Property Holdings			601020
Sembcorp Marine Ltd	20	2010	201060	Shimizu Corporation	20	2010	201030
Semiconductor Manufacturi	45	4530		Shin Kong Financial Holdi			403010
Sempra Energy	55			Shin Zu Shing Co., Ltd.	20	2010	201060
Semtech Corporation	45	4530		Shindengen Electric Manuf	45	4530	
Senao International Co.,	25	2550	255040	Shin-Etsu Polymer Co.,Ltd	15	1510	151010
Seneca Foods Corporation	30	3020	302020	Shinko Electric Industrie	45	4530	
Senshu Ikeda Holdings, In			401010	Shinko Plantech Co., Ltd.	10	1010	101010
Seoul Semiconductor Co.,	45	4530		Shinkong Insurance Co., L			403010
Septeni Holdings Co., Ltd	25	2540		Shinkong Synthetic Fibers	15	1510	151010
Sercomm Corporation	45	4520	452010	ShinMaywa Industries, Ltd	20	2010	
Seria Co., Ltd.	25	2550	255030	SHINSEGAE FOOD Inc.	25	2530	253010
SES S.A.	25	2540		Shinsegae Inc.	25		
Seven & i Holdings Co., L	30	3010		Shinsegae International C	25	2550	255040
Seven Bank, Ltd.			401010	Shinyoung Securities Co.,			402030
Seven Group Holdings Limi	20	2010	201070	Shionogi & Co., Ltd.	35	3520	352020
Severn Trent Plc	55		551040	Ship Healthcare Holdings,	35	3510	351020
SGS SA	20	2020	202020	Shire plc	35	3520	352010
Shaftesbury PLC			601010	Shiseido Company, Limited	30	3030	303020

Shizuoka Gas Co., Ltd.	55		551020	Sindoh Co.,Ltd.	45	4520	452020
SHO-BOND Holdings Co.,Ltd	20	2010	201030	Sinfonia Technology Co.,	20	2010	
Shochiku Co., Ltd.	25	2540		Singamas Container Holdin	20	2010	201060
Shoe Carnival, Inc.	25	2550	255040	Singapore Airlines Limite	20	2030	203020
Shoei Foods Corporation	30	3010		Singapore Exchange Limite			402030
Shoppers Stop Limited	25	2550	255030	Singapore Post Limited	20	2030	203010
Shoprite Holdings Limited	30	3010		Singapore Technologies En	20	2010	201010
Shougang Fushan Resources	15	1510	151040	Singapore Telecommunicati	50		
SHOWA Corporation	25	2510	251010	Singha Estate Public Comp			601020
Showa Denko K.K.	15	1510	151010	Sinko Industries Ltd.	20	2010	201020
Showa Sangyo Co., Ltd.	30	3020	302020	Sino Biopharmaceutical Li	35	3520	352020
Showa Shell Sekiyu K.K.	10	1010	101020	Sino Land Company Limited			601020
Showbox Corp.	25	2540		Sino-Ocean Group Holding			601020
Shree Cement Limited	15	1510	151020	Sinopec Kantons Holdings	10	1010	101020
Shriram Transport Finance			402020	Sinopec Shanghai Petroche	15	1510	151010
Shufersal Ltd.	30	3010		Sino-Thai Engineering and	20	2010	201030
Shui On Land Limited			601020	Sinotrans Limited	20	2030	
Shutterfly, Inc.	25	2550	255020	Sinotruk (Hong Kong) Limi	20	2010	201060
Shutterstock, Inc.	45	4510	451010	Sintokogio,Ltd.	20	2010	201060
Siamgas and Petrochemical	10	1010	101020	Sinyi Realty Inc.			601020
Sibanye Gold Limited	15	1510	151040	Sioen Industries NV	25	2520	252030
Sidi Kerir Petrochemicals	15	1510	151010	Sirtex Medical Limited	35	3520	352010
Siegfried Holding AG	35	3520	352030	SITC Int'l Holdings Co. L	20	2030	203030
Siemens Gamesa Renewable	20	2010	201040	Sitronix Technology Corpo	45	4530	
Siemens Limited	20	2010	201050	Sixth of October for Deve			601020
Sigma Healthcare Limited	35	3510	351020	SJW Group	55		551040
Signature Bank			401010	SK Gas Co., Ltd.	10	1010	101020
Signet Jewelers Limited	25	2550	255040	SK Holdings Co., Ltd.	20	2010	201050
Sigurd Microelectronics C	45	4530		SK hynix, Inc.	45	4530	
SIIX Corporation	45	4520	452030	SK Innovation Co., Ltd.	10	1010	101020
Sika AG	15	1510	151010	SK Materials Co., Ltd.	15	1510	151010
Silgan Holdings Inc.	15	1510	151030	SK Telecom Co., Ltd.	50		501020
Silicon Laboratories Inc.	45	4530		Skanska AB (publ)	20	2010	201030
Silicon Works Co., Ltd.	45	4530		SKC Co., Ltd.	15	1510	
Siliconware Precision Ind	45	4530		Skechers U.S.A., Inc.	25	2520	
Silverlake Axis Ltd	45	4510	451030	SkiStar AB (publ)	25	2530	253010
SimCorp A/S	45	4510	451030	SKP Resources Bhd	20	2010	201060
Simmons First National Co			401010	SKY Network Television Li	25	2540	
Simon Property Group, Inc			601010	Sky plc	25	2540	
Simplo Technology Co.Ltd.	45	4520	452030	SKYCITY Entertainment Gro	25	2530	253010
Simpson Manufacturing Co.	20	2010	201020	Skyfame Realty (Holdings)			601020
SINA Corporation	45	4510	451010	SkyWest, Inc.	20	2030	203020
Sinanen Holdings Co Ltd	10	1010	101020	Skyworks Solutions, Inc.	45	4530	
SINBON Electronics Co., L	45			SL Corporation	25	2510	251010
Sinclair Broadcast Group,	25	2540		SL Green Realty Corp.			601010

SLC Agrícola S.A.	30	3020	302020	Southern Copper Corporati	15	1510	151040
Sleep Number Corporation	25	2550	255040	Southwest Airlines Co.	20	2030	203020
SM Entertainment Co., Ltd	25	2540		SP Plus Corporation	20	2020	202010
SM Prime Holdings, Inc.			601020	Spar Nord Bank A/S			401010
Smart Metering Systems Pl	45	4520	452030	SpareBank 1 Nord-Norge			401010
SmartCentres Real Estate			601010	Spartan Motors, Inc.	20	2010	201060
SmarTone Telecommunicatio	50		501020	SpartanNash Company	30	3010	
SMC Corporation	20	2010	201060	SPARX Group Co., Ltd			402030
Smith & Nephew plc	35	3510	351010	SPC Samlip Co., Ltd.	30	3020	302020
SMS Co., Ltd.	45	4510	451010	Spectris plc	45	4520	452030
Smurfit Kappa Group plc	15	1510		Speedway Motorsports, Inc	25	2530	253010
Snam S.p.A.	10	1010	101020	Spirax-Sarco Engineering	20	2010	201060
SNC-Lavalin Group Inc.	20	2010	201030	Spire Inc.	55		551020
Sociedad de Inversiones O			402030	Spirit AeroSystems Holdin	20	2010	201010
Sociedad Química y Minera	15	1510		Spok Holdings, Inc.	50		501020
Società Cattolica di Assi			403010	Sporton International Inc	20	2020	202020
Società Iniziative Autost	20	2030	203050	Sports Direct Internation	25	2550	255040
SOCO International plc	10	1010	101020	Springland International	30	3010	
Soda Sanayii A.S.	15	1510	151010	SPS Commerce, Inc.	45	4510	451010
Sodick Co., Ltd.	20	2010	201060	SPX Corporation	20	2010	201060
Sofina Société Anonyme			402010	Square Enix Holdings Co.,	45	4510	451030
Software Aktiengesellscha	45	4510	451030	Srei Infrastructure Finan			402010
Soft-World International	45	4510	451030	SRF Limited	25	2520	252030
Sogefi S.p.A.	25	2510	251010	Sri Trang Agro-Industry P	25	2510	251010
Sogo Medical Co., Ltd.	30	3010		Ssanyong Cement Industri	15	1510	151020
Sohgo Security Services C	20	2020	202010	SSE plc	55		551010
SOHO China Limited			601020	SSY Group Limited	35	3520	352020
S-Oil Corporation	10	1010	101020	St. Galler Kantonalbank A			401010
Sojitz Corporation	20	2010	201070	St. James's Place plc			402030
Solar A/S	20	2010		St. Modwen Properties PLC			601020
Solvay SA	15	1510	151010	St.Shine Optical Co.,Ltd.	35	3510	351010
Somany Ceramics Limited	20	2010	201020	STADA Arzneimittel Aktien	35	3520	352020
Sompo Holdings, Inc.			403010	Staffline Group plc	20	2020	202020
Sonae Sierra Brasil S.A.			601020	Stagecoach Group plc	20	2030	203040
Sonda S.A.	45			Stallergenes Greer Plc	35	3520	352020
Songwon Industrial Co., L	15	1510	151010	Stalprodukt S.A.	15	1510	151040
Sonic Healthcare Limited	35	3510	351020	Stamps.com Inc.	45	4510	451010
Sonoco Products Company	15	1510	151030	Standard Chartered PLC			401010
Sonova Holding AG	35	3510	351010	Standard Foods Corporatio	30	3020	302020
Sony Financial Holdings I			403010	Standard Life Aberdeen pl			402010
Sopra Steria Group	45	4510	451020	Standard Motor Products,	25	2510	251010
Sotetsu Holdings, Inc.	20	2030	203040	Stanley Black & Decker, I	20	2010	
Sotheby's	25	2530	253020	Stanley Electric Co., Ltd	25	2510	251010
Soulbrain Co.,Ltd.	15	1510	151010	Stantec Inc.	20	2020	202020
South Jersey Industries,	55		551020	Starbreeze AB (publ)	45	4510	451030

Starbucks Corporation	25	2530	253010	Sumitomo Mitsui Trust Hol			401010
StarHub Ltd	50		501020	Sumitomo Osaka Cement Co.	15	1510	151020
Start Today Co., Ltd.	25	2550	255020	Sumitomo Realty & Develop			601020
Starzen Company Limited	30	3020	302020	Sumitomo Riko Company Lim	25	2510	251010
State Street Corporation			402030	Sumitomo Rubber Industrie	25	2510	251010
Steel Dynamics, Inc.	15	1510	151040	Sumitomo Seika Chemicals	15	1510	151010
Steelcase Inc.	20	2020	202010	Summerset Group Holdings	35	3510	351020
Stella Chemifa Corporatio	15	1510	151010	Summit Hotel Properties,			601010
Stella-Jones Inc.	15	1510	151050	Sun Art Retail Group Limi	30	3010	
Stepan Company	15	1510	151010	Sun Frontier Fudousan Co.			601020
Stericycle, Inc.	20	2020	202010	Sun Hung Kai & Co. Limite			402020
Sterling Bancorp			401010	Sun Hung Kai Properties L			601020
Sterlite Technologies Lim	45	4520	452010	Sun Life Financial Inc.			403010
Steven Madden, Ltd.	25	2520	252030	Sun Pharmaceutical Indust	35	3520	352020
Stewart Information Servi			403010	Sunac China Holdings Limi			601020
Stifel Financial Corp.			402030	SunCoke Energy, Inc.	15	1510	151040
Sto SE & Co. KGaA	15	1510	151020	Suncor Energy Inc.	10	1010	101020
Stobart Group Limited	10			Suncorp Group Limited			403010
Stockland			601010	Sundram Fasteners Limited	25	2510	251010
Stolt-Nielsen Limited	20	2030	203030	Sundrug Co.,Ltd.	30	3010	
Stora Enso Oyj	15	1510		SUNeVision Holdings Ltd.	45	4510	451010
Storebrand ASA			403010	Sunlight Real Estate Inve			601010
STRATEC Biomedical AG	35	3510	351010	Sunny Optical Technology	45	4520	452030
Straumann Holding AG	35	3510		Sunonwealth Electric Mach	20	2010	201060
Strauss Group Ltd.	30	3020	302020	Sunstone Hotel Investors,			601010
Strayer Education, Inc.	25	2530	253020	SunTrust Banks, Inc.			401010
Strides Pharma Science Li	35	3520	352020	Sunway Real Estate Invest			601010
Ströer SE & Co. KGaA	25	2540		Supalai Public Company Li			601020
Strong Petrochemical Hold	10	1010	101020	Super Energy Corporation	55		551050
Stryker Corporation	35	3510	351010	Super Retail Group Limite	25	2550	255040
STUDIO ALICE Co.,Ltd.	25	2530	253020	Superdry Plc	25	2550	
Sturm, Ruger & Company, I	25	2520	252020	Superior Industries Inter	25	2510	251010
Subaru Corporation	25	2510	251020	Superior Plus Corp.	55		551020
Subsea 7 S.A.	10	1010	101010	Supernus Pharmaceuticals,	35	3520	352020
Südzucker AG	30	3020	302020	Suprajit Engineering Limi	25	2510	251010
SUEZ SA	55		551030	Supreme Electronics Co.,	45	4520	452030
Sugi Holdings Co.,Ltd.	30	3010		Surgutneftegas Public Joi	10	1010	101020
Suheung Co., Ltd.	35	3510	351010	Surmodics, Inc.	35	3510	351010
Sulzer Ltd	20			Suruga Bank Ltd.			401010
Sumco Corporation	45	4530		Suven Life Sciences Limit	35	3520	352020
Sumitomo Dainippon Pharma	35	3520	352020	Suzano Papel e Celulose S	15	1510	151050
Sumitomo Densetsu Co., Lt	20	2010	201030	Suzuken Co., Ltd.	35	3510	351020
Sumitomo Heavy Industries	20	2010		Suzuki Motor Corporation	25	2510	251020
Sumitomo Metal Mining Co.	15	1510	151040	SVB Financial Group			401010
Sumitomo Mitsui Financial			401010	Svenska Cellulosa Aktiebo	15	1510	151050

Svenska Handelsbanken AB			401010	Taisho Pharmaceutical Hol	35	3520	352020
SVI Public Company Limite	45	4520	452030	Taiwan Business Bank, Ltd			401010
Sweco AB (publ)	20	2010	201030	Taiwan Cement Corp.	15	1510	151020
Swedbank AB (publ)			401010	Taiwan Cooperative Financ			401010
Swedish Orphan Biovitrum	35	3520	352010	Taiwan Fertilizer Co., Lt	15	1510	151010
Swire Properties Limited			601020	Taiwan High Speed Rail Co	20	2030	203050
Swiss Life Holding AG			403010	Taiwan Hon Chuan Enterpri	15	1510	151030
Swiss Re Ltd			403010	Taiwan Paiho Limited	25	2520	252030
Swisscom AG	50		501010	Taiwan Pcb Techvest Co.,	45	4520	452030
Swissquote Group Holding			402030	Taiwan Secom Co., Ltd.	20	2020	202010
Syarikat Takaful Malaysia			403010	Taiwan Semiconductor Co.,	45	4530	
Sydbank A/S			401010	Taiwan Shin Kong Security	20	2020	202010
Sydney Airport Limited	20	2030	203050	Taiwan Styrene Monomer Co	15	1510	151010
Sykes Enterprises, Incorp	45	4510	451020	Taiwan Surface Mounting T	45	4530	
Symphony Limited	25	2520	252010	Taiwan Tea Corporation	30	3010	
Synaptics Incorporated	45	4530		Taiwan Union Technology C	45	4520	452030
Synchronoss Technologies,	45	4510	451030	Taiyo Holdings Co., Ltd.	15	1510	151010
Syncmold Enterprise Corp.	20	2010	201060	Taiyo Nippon Sanso Corpor	15	1510	151010
Synergie SE	20	2020	202020	Taiyo Yuden Co., Ltd.	45	4520	452030
SYNNEX Corporation	45	4520	452030	Takara Bio Inc.	35	3520	352010
Synnex Technology Interna	45	4520	452030	Takara Holdings Inc.	30		
Synopsys, Inc.	45	4510	451030	Takara Leben Co., Ltd.			601020
Synovus Financial Corp.			401010	Takara Standard Co.,Ltd.	20	2010	201020
Synthomer plc	15	1510	151010	Takasago International Co	15	1510	151010
Sysco Corporation	30	3010		Takasago Thermal Engineer	20	2010	201020
Sysmex Corporation	35	3510	351010	Takashimaya Company, Limi	25	2550	255030
Systema Corporation	45			Takeda Pharmaceutical Com	35	3520	352020
Systemex Corporation	45	4510	451020	Take-Two Interactive Soft	45	4510	451030
T&D Holdings, Inc.			403010	Takeuchi Mfg. Co., Ltd.	20	2010	201060
T. Hasegawa Co., Ltd.	15	1510	151010	TAKKT AG	25	2550	255020
T. Rowe Price Group, Inc.			402030	Takuma Co., Ltd.	20	2010	201060
Ta Chen Stainless Pipe Co	15	1510	151040	TalkTalk Telecom Group PL	50		501010
Tabcorp Holdings Limited	25	2530	253010	Tamburi Investment Partne			402030
TACHI-S Co., Ltd.	25	2510	251010	Tanger Factory Outlet Cen			601010
Tadano Ltd.	20	2010	201060	Tanseisha Co., Ltd.	20		
Taekwang Industrial Co.,	15	1510	151010	Tapestry, Inc.	25	2520	252030
Taewoong Co.,Ltd	20	2010	201060	Target Corporation	25	2550	255030
Taeyoung Engineering & Co	20	2010	201030	Tassal Group Limited	30	3020	302020
TAG Immobilien AG			601020	Tata Consultancy Services	45	4510	451020
Taichung Commercial Bank			401010	Tata Elxsi Limited	45	4510	451030
Taihei Dengyo Kaisha, Ltd	20	2010	201030	Tata Global Beverages Lim	30	3020	302020
Taiho Kogyo Co., Ltd.	25	2510	251010	Tata Investment Corporati			402030
Taikisha Ltd.	20	2010	201030	Tata Motors Limited	25	2510	251020
Tainan Spinning Co., Ltd.	25	2520	252030	Tata Steel Limited	15	1510	151040
Taisei Corporation	20	2010	201030	Tate & Lyle plc	30	3020	302020

TAURON Polska Energia S.A	55		551010	Tencent Holdings Limited	45	4510	451010
Tayca Corporation	15	1510	151010	Tenma Corporation	15	1510	151010
Taylor Wimpey plc	25	2520	252010	Tennant Company	20	2010	201060
TCF Financial Corporation			401010	Tenneco Inc.	25	2510	251010
TCI Co., Ltd.	30	3030	303020	Teradata Corporation	45	4510	451020
TCL Electronics Holdings	25	2520	252010	Teradyne, Inc.	45	4530	
TD Ameritrade Holding Cor			402030	Terex Corporation	20	2010	201060
TDC A/S	50		501010	Terna - Rete Elettrica Na	55		551010
TE Connectivity Ltd.	45	4520		Terna Energy Societe Anon	55		551050
Tecan Group Ltd.	35	3520	352030	Terumo Corporation	35	3510	351010
Tech Data Corporation	45	4520	452030	TES Co., Ltd	45	4530	
Tech Mahindra Limited	45	4510	451020	Test Research, Inc.	45	4520	452030
Techno Electric & Enginee	20	2010	201030	Test-Rite International C	25	2550	
Technology One Limited	45	4510		Tetra Tech, Inc.	20	2020	202010
Technopolis Plc			601020	Texas Capital Bancshares,			401010
Techtronic Industries Com	25	2520	252010	Texas Instruments Incorpo	45	4530	
Teck Resources Limited	15	1510	151040	Texas Roadhouse, Inc.	25	2530	253010
Técnicas Reunidas, S.A.	10	1010	101010	Texhong Textile Group Lim	25	2520	252030
TECO Electric & Machinery	20	2010	201040	TFI International Inc.	20	2030	203040
Ted Baker Plc	25	2520		T-Gaia Corporation	25	2550	255040
TEGNA Inc.	25	2540		TGS-NOPEC Geophysical Com	10	1010	101010
Teikoku Sen-i Co., Ltd.	20	2010	201060	Thai Oil Public Company L	10	1010	101020
Tekken Corporation	20	2010	201030	Thai Union Group Public C	30	3020	302020
Tele2 AB (publ)	50		501020	Thai Vegetable Oil Public	30	3020	302020
Telecom Egypt Company S.A	50		501010	Thaicom Public Company Li	50		501010
Telecom Italia S.p.A.	50		501010	Thales S.A.	20	2010	201010
Telecom Plus plc	55		551030	Thanachart Capital Public			401010
Teleflex Incorporated	35	3510	351010	The 77 Bank, Ltd.			401010
Telefonaktiebolaget LM Er	45			The a2 Milk Company Limit	30	3020	302020
Telefônica Brasil S.A.	50		501010	The Aichi Bank, Ltd.			401010
Telefónica, S.A.	50		501010	The Akita Bank, Ltd.			401010
Telekom Austria Aktienges	50		501010	The Allstate Corporation			403010
Telekom Malaysia Berhad	50		501010	The Aomori Bank, Ltd.			401010
Telenor ASA	50		501010	The Awa Bank, Limited			401010
Teleperformance SE	20	2020	202020	The Bank of Iwate, Ltd.			401010
Telephone and Data System	50		501020	The Bank of Kyoto, Ltd.			401010
Television Broadcasts Lim	25	2540		The Bank of New York Mell			402030
Télévision Française 1 SA	25	2540		The Bank of Nova Scotia			401010
Telia Company AB (publ)	50		501010	The Bank of Saga Ltd.			401010
Telstra Corporation Limit	50			The Berkeley Group Holdin	25	2520	252010
TELUS Corporation	50		501010	The Boeing Company	20	2010	201010
Temenos AG	45	4510	451030	The Boston Beer Company,	30	3020	302010
Tempur Sealy Internationa	25	2520	252010	The Brink's Company	20	2020	202010
Tenaga Nasional Berhad	55		551010	The Buckle, Inc.	25	2550	255040
Tenaris S.A.	10	1010	101010	The Cato Corporation	25	2550	255040

The Charles Schwab Corpor			402030	The Japan Wool Textile Co	25	2520	252030
The Cheesecake Factory In	25	2530	253010	The Jean Coutu Group (PJC	30	3010	
The Chiba Bank, Ltd.			401010	The Karur Vysya Bank Limi			401010
The Chiba Kogyo Bank, Ltd			401010	The Keiyo Bank, Ltd.			401010
The Children's Place, Inc	25	2550	255040	The Kiyo Bank, Ltd.			401010
The Chugoku Bank, Limited			401010	The Kroger Co.	30	3010	
The Chukyo Bank, Limited			401010	The Manitowoc Company, In	20	2010	201060
The Coca-Cola Company	30	3020	302010	The Marcus Corporation	25		
The Commercial Bank (P.S.			401010	The Middleby Corporation	20	2010	201060
The Cooper Companies, Inc	35	3510	351010	The Mie Bank, Ltd.			401010
The Descartes Systems Gro	45	4510	451030	The Miyazaki Bank, Ltd.			401010
The E.W. Scripps Company	25	2540		The Musashino Bank, Ltd.			401010
The Ehime Bank, Ltd.			401010	The Nanto Bank, Ltd.			401010
The Eighteenth Bank, Limi			401010	The Navigator Company, S.	15	1510	151050
The Ensign Group, Inc.	35	3510	351020	The Navigators Group, Inc			403010
The Erawan Group Public C	25	2530	253010	The New York Times Compan	25	2540	
The Estée Lauder Companie	30	3030	303020	The New Zealand Refining	10	1010	101020
The Federal Bank Limited			401010	THE NIPPON ROAD Co., Ltd.	20	2010	
The Finish Line, Inc.	25	2550	255040	The Nisshin Oillio Group,	30	3020	302020
The Foschini Group Limite	25	2550	255040	The North West Company In	30	3010	
The Gap, Inc.	25	2550	255040	The Oita Bank, Ltd.			401010
The Go-Ahead Group plc	20	2030	203040	The Okinawa Electric Powe	55		551010
The Goldman Sachs Group,			402030	The Pack Corporation	15	1510	151030
The Goodyear Tire & Rubbe	25	2510	251010	The People's Insurance Co			403010
The Gorman-Rupp Company	20	2010	201060	The PNC Financial Service			401010
The Greenbrier Companies,	20	2010	201060	The Procter & Gamble Comp	30	3030	
The Gunma Bank, Ltd.			401010	The Progressive Corporati			403010
The Hachijuni Bank, Ltd.			401010	The Providence Service Co	35	3510	351020
The Hackett Group, Inc.	45	4510	451020	The Ramco Cements Limited	15	1510	151020
The Hain Celestial Group,	30	3020	302020	The Restaurant Group plc	25	2530	253010
The Hanover Insurance Gro			403010	The Sage Group plc	45	4510	451030
The Hartford Financial Se			403010	The San-in Godo Bank,Ltd.			401010
The Hershey Company	30	3020	302020	The Scotts Miracle-Gro Co	15	1510	151010
The Hiroshima Bank, Ltd.			401010	The Searle Company Limite	35	3520	352020
The Hokkoku Bank, Ltd.			401010	The Sherwin-Williams Comp	15	1510	151010
The Hokuetsu Bank,Ltd.			401010	The Shiga Bank, Ltd.			401010
The Home Depot, Inc.	25	2550	255040	The Shikoku Bank, Ltd.			401010
The Hong Kong & China Gas	55		551020	The Shipping Corporation	20	2030	203030
The Hub Power Company Lim	55		551050	The Shizuoka Bank, Ltd.			401010
The Hyakugo Bank, Ltd.			401010	The Siam Cement Public Co	15	1510	
The Hyakujushi Bank, Ltd.			401010	The Siam Commercial Bank			401010
The India Cements Limited	15	1510	151020	The Southern Company	55		
The Interpublic Group of	25	2540		The SPAR Group Ltd	30	3010	
The Iyo Bank, Ltd.			401010	The Star Entertainment Gr	25	2530	253010
The J. M. Smucker Company	30	3020	302020	The Stars Group Inc.	25	2530	253010

The Sumitomo Warehouse Co	20	2030	203050	Tivity Health, Inc.	35	3510	351020
The Swatch Group AG	25	2520	252030	TiVo Corporation	45	4510	451030
The Tata Power Company Li	55		551010	TKC Corporation	45	4510	451020
The TJX Companies, Inc.	25	2550	255040	TKH Group N.V.	20	2010	
The Tochigi Bank, Ltd.			401010	TMX Group Limited			402030
The Toho Bank, Ltd.			401010	TOA Corporation	20	2010	201030
The Toronto-Dominion Bank			401010	Toagosei Co., Ltd.	15	1510	151010
The Towa Bank, Ltd.			401010	TOC Co., Ltd.			601020
The Travelers Companies,			403010	TOCALO Co., Ltd.	20	2010	201060
The Tsukuba Bank, Limited			401010	Toda Corporation	20	2010	201030
The Ultimate Software Gro	45	4510	451030	TOD'S S.p.A.	25	2520	252030
The Unite Group plc			601010	Toei Animation Co., Ltd.	25	2540	
The United Laboratories I	35	3520	352020	Toei Company, Ltd.	25	2540	
The Walt Disney Company	25			Toenec Corporation	20	2010	201030
The Wendy's Company	25	2530	253010	TOHO GAS Co., Ltd.	55		551020
The Williams Companies, I	10	1010	101020	Toho Holdings Co., Ltd.	35	3510	351020
The Yamagata Bank, Ltd.			401010	Toho Zinc Co., Ltd.	15	1510	151040
The Yamanashi Chuo Bank,			401010	Tohoku Electric Power Com	55		551010
The Yokohama Rubber Co.,	25	2510	251010	Tokai Carbon Co., Ltd.	15	1510	151010
The York Water Company	55		551040	TOKAI CARBON KOREA Co., L	45	4530	
Thermax Limited	20	2010	201060	Tokai Rika Co., Ltd.	25	2510	251010
Thinking Electronic Indus	45	4520	452030	Tokai Tokyo Financial Hol			402030
THK Co., Ltd.	20	2010	201060	Tokio Marine Holdings, In			403010
Thomas Cook (India) Limit	25	2530	253010	Tokushu Tokai Paper Co.,	15	1510	151050
Thomson Reuters Corporati			402030	Tokyo Broadcasting System	25	2540	
Thor Industries, Inc.	25	2510	251020	Tokyo Century Corporation			402010
TI Financial Holdings Lim			402010	Tokyo Dome Corporation	25	2530	253010
Tianjin Capital Environme	20	2020	202010	Tokyo Electron Limited	45	4530	
Tianjin Port Development	20	2030	203050	Tokyo Gas Co., Ltd.	55		551020
Tianjin Zhong Xin Pharmac	35	3520	352020	Tokyo Kiraboshi Financial			401010
Tianneng Power Internatio	25	2510	251010	Tokyo Ohka Kogyo Co., Ltd	15	1510	151010
Tibet Water Resources Ltd	30	3020	302010	Tokyo Seimitsu Co., Ltd.	45		
TICON Industrial Connecti			601020	Tokyo Tatemono Co., Ltd.			601020
Tieto Oyj	45	4510	451020	Tokyotokeiba Co., Ltd.	25	2530	253010
Tiffany & Co.	25	2550	255040	Tokyu Construction Co., L	20	2010	201030
Tiger Brands Limited	30			Tokyu Corporation	20		
Tikkurila Oyj	15	1510	151010	Tokyu Fudosan Holdings Co			601020
TIM Participações S.A.	50		501020	Tokyu REIT, Inc.			601010
TIME dotCom Berhad	50		501010	Toll Brothers, Inc.	25	2520	252010
Timken India Limited	20	2010	201060	TOMONY Holdings, Inc.			401010
Tingyi (Cayman Islands) H	30	3020	302020	Ton Yi Industrial Corp.	15	1510	151040
TIS Inc.	45	4510	451020	Tong Hsing Electronic Ind	45	4520	452030
TISCO Financial Group Pub			401010	Tong Ren Tang Technologie	35	3520	352020
Titan Cement Company S.A.	15	1510	151020	Tong Yang Industry Co.,Lt	25	2510	251010
Titan Company Limited	25	2520	252030	Tong Yang Life Insurance			403010

Tongda Group Holdings Lim	45	4520	452030	Trakya Cam Sanayii A.S.	20	2010	201020
Tootsie Roll Industries,	30	3020	302020	Trancom Co., Ltd.	20	2030	
Top Glove Corporation Bhd	35	3510	351010	TransCanada Corporation	10	1010	101020
TOPCO Scientific Co., Ltd	45	4530		Transcend Information, In	45	4520	452020
Topcon Corporation	45	4520	452030	Transcontinental Inc.	20	2020	202010
Topdanmark A/S			403010	Transmissora Aliança de E	55		551010
Toppan Forms Co., Ltd.	20	2020	202010	Transurban Group	20	2030	203050
Toptec Co., Ltd.	45	4530		TravelSky Technology Limi	45	4510	451020
Torchmark Corporation			403010	Travis Perkins plc	20	2010	201070
TORIDOLL Holdings Corpora	25	2530	253010	Treasury Wine Estates Lim	30	3020	302010
Torii Pharmaceutical Co.,	35	3520	352020	Tredegar Corporation	15	1510	
Toromont Industries Ltd.	20	2010	201070	Trend Micro Incorporated	45	4510	451030
Torrent Power Limited	55		551010	Trex Company, Inc.	20	2010	201020
Tosei Corporation			601020	Trigano S.A.	25	2520	252020
Toshiba Machine Co., Ltd.	20	2010	201060	Trimble Inc.	45	4520	452030
Toshiba Plant Systems & S	20	2010	201030	Trinity Industries, Inc.	20	2010	201060
Tosho Co., Ltd.	25	2530	253010	TripAdvisor, Inc.	25	2550	255020
Tosho Printing Company, L	20	2020	202010	Triple-S Management Corpo	35	3510	351020
Tosoh Corporation	15	1510	151010	Tripod Technology Corpora	45	4520	452030
Total Energy Services Inc	10	1010	101010	TrueBlue, Inc.	20	2020	202020
Total System Services, In	45	4510	451020	Truly International Holdi	45	4520	452030
Totetsu Kogyo Co., Ltd.	20	2010	201030	Trusco Nakayama Corporati	20	2010	201070
Toto Ltd.	20	2010	201020	Trust Tech Inc.	20	2020	202020
TOTVS S.A.	45	4510	451030	TrustCo Bank Corp NY			401020
Toung Loong Textile MFG.	25	2520	252030	Trustmark Corporation			401010
Tourmaline Oil Corp.	10	1010	101020	Truworhts International L	25	2550	255040
Towa Pharmaceutical Co.,	35	3520	352020	Tryg A/S			403010
Tower Semiconductor Ltd.	45	4530		TS TECH Co., Ltd.	25	2510	251010
Towngas China Company Lim	55		551020	TSC Auto ID Technology Co	45	4520	452020
Tox Free Solutions Limite	20	2020	202010	TSI Holdings Co.,Ltd.	25	2520	252030
Toyo Construction Co., Lt	20	2010	201030	Tsingtao Brewery Company	30	3020	302010
Toyo Ink SC Holdings Co.,	15	1510	151010	Tsogo Sun Holdings Limite	25	2530	253010
Toyo Kanetsu Kabushiki Ka	10	1010	101010	TSRC Corporation	15	1510	151010
Toyo Kohan Co., Ltd.	15	1510	151040	Tsubakimoto Chain Co.	20	2010	201060
Toyo Seikan Group Holding	15	1510	151030	Tsugami Corporation	20	2010	201060
Toyo Suisan Kaisha, Ltd.	30	3020	302020	Tsukishima Kikai Co., Ltd	20		
Toyo Tire & Rubber Co., L	25	2510	251010	Tsukui Corporation	35	3510	351020
Toyoda Gosei Co., Ltd.	25	2510	251010	Tsumura & Co.	35	3520	352020
Toyota Boshoku Corporatio	25	2510	251010	Tsuruha Holdings Inc.	30	3010	
Toyota Motor Corporation	25	2510	251020	Tsurumi Manufacturing Co.	20	2010	201060
TPG Telecom Limited	50		501010	Tsutsumi Jewelry Co., Ltd	25	2520	252030
TPK Holding Co., Ltd.	45	4520	452030	TTEC Holdings, Inc.	45	4510	451020
TPR Co., Ltd.	25	2510	251010	TTET Union Corporation	30	3020	302020
Tractor Supply Company	25	2550	255040	TTK Prestige Limited	25	2520	252010
Trade Me Group Limited	25	2550	255020	TTW Public Company Limite	55		551040

TTY Biopharm Company Limi	35	3520	352020	U-Ming Marine Transport C	20	2030	203030
Tubacex, S.A.	15	1510	151040	Umpqua Holdings Corporati			401010
TUI AG	25	2530	253010	UMW Holdings Berhad	25	2510	251020
Tung Ho Steel Enterprise	15	1510	151040	Under Armour, Inc.	25	2520	252030
Tung Thih Electronic Co.,	25	2510	251010	Unibail-Rodamco-Westfield			601010
Tupy S.A.	25	2510	251010	Unicharm Corporation	30	3030	303010
Türk Hava Yollari Anonim	20	2030	203020	Unichem Laboratories Limi	35	3520	352020
Türk Telekomünikasyon A.S	50		501010	UNID Company Ltd.	15	1510	151010
Türk Traktör ve Ziraat Ma	20	2010	201060	Unifi, Inc.	25		
Turkcell Iletisim Hizmetl	50		501020	UniFirst Corporation	20	2020	202010
Turkiye Garanti Bankasi A			401010	Unilever PLC	30	3030	303020
Türkiye Halk Bankasi A.S.			401010	Unimicron Technology Corp	45	4520	452030
Türkiye Is Bankasi Anonim			401010	Union Pacific Corporation	20	2030	203040
Türkiye Petrol Rafinerile	10	1010	101020	Union Tool Co.	20	2010	201060
Turkiye Sinai Kalkinma Ba			401010	Unipol Gruppo S.p.A.			403010
Türkiye Sise Ve Cam Fabri	20	2010		UnipolSai Assicurazioni S			403010
Türkiye Vakiflar Bankasi			401010	Unipres Corporation	25	2510	251010
Tutor Perini Corporation	20	2010	201030	Uni-President Enterprises	30		
TV Asahi Holdings Corpora	25	2540		UNIQA Insurance Group AG			403010
TV18 Broadcast Limited	25	2540		Unique Engineering And Co	20	2010	201030
Twenty-First Century Fox,	25	2540		Uni-Select Inc.	25	2550	255010
TXC Corporation	45	4520	452030	Unisem (M) Berhad	45	4530	
TYC Brother Industrial Co	25	2510	251010	United Arrows Ltd.	25	2550	255040
Tyler Technologies, Inc.	45	4510	451030	United Bank Limited			401010
Tyson Foods, Inc.	30	3020	302020	United Bankshares, Inc.			401010
U.S. Concrete, Inc.	15	1510	151020	United Community Banks, I			401010
U.S. Physical Therapy, In	35	3510	351020	United Continental Holdin	20	2030	203020
U.S. Silica Holdings, Inc	10	1010	101010	United Fire Group, Inc.			403010
UACJ Corporation	15	1510	151040	United Insurance Holdings			403010
Ube Industries, Ltd.	15	1510	151010	United Integrated Service	20	2010	201030
u-blox Holding AG	45	4530		United Internet AG	45	4510	451010
UBM plc	25	2540		United Microelectronics C	45	4530	
UCB SA	35	3520	352020	United Natural Foods, Inc	30	3010	
UDG Healthcare plc	35	3510		United Parcel Service, In	20	2030	
UDR, Inc.			601010	United Rentals, Inc.	20	2010	201070
UEM Edgenta Berhad	20	2010	201030	United Therapeutics Corpo	35	3520	352010
UEM Sunrise Berhad			601020	United Urban Investment C			601010
Uflex Limited	15	1510	151030	United Utilities Group PL	55		551040
UGI Corporation	55		551020	UNITED, Inc.	45	4510	451010
Ülker Bisküvi Sanayi A.S.	30	3020	302020	Unitil Corporation	55		
Ultra Beauty, Inc.	25	2550	255040	Univentures Public Compan			601020
Ultra Clean Holdings, Inc	45	4530		Universal Cement Corporat	15	1510	151020
Ultra Electronics Holding	20	2010	201010	Universal Corporation	30	3020	302030
Ultrapar Participações S.	10	1010	101020	Universal Display Corpora	45	4530	
UMB Financial Corporation			401010	Universal Electronics Inc	25	2520	252010

Universal Entertainment C	25	2520	252020	Verizon Communications In	50		
Universal Forest Products	20	2010	201020	Vermilion Energy Inc.	10	1010	101020
Universal Health Realty I			601010	Vestas Wind Systems A/S	20	2010	201040
Universal Health Services	35	3510	351020	Vestel Elektronik Sanayi	25	2520	252010
Universal Insurance Holdi			403010	VGI Global Media Public C	25	2540	
Universal Logistics Holdi	20	2030	203040	Viacom, Inc.	25	2540	
Universal Robina Corporat	30	3020	302020	Viad Corp	20	2020	202010
UNIZO Holdings Company, L			601020	Viavi Solutions Inc.	45	4520	
Unum Group			403010	Vibhavadi Medical Center	35	3510	351020
UOA Development Bhd			601020	Vicat SA	15	1510	151020
UPC Technology Corporatio	15	1510	151010	Victoria Park AB (publ)			601020
UPL Limited	15	1510	151010	Victoria plc	25	2520	252010
Urban Outfitters, Inc.	25	2550	255040	Victrex plc	15	1510	151010
Urstadt Biddle Properties			601010	Vienna Insurance Group AG			403010
US Ecology, Inc.	20	2020	202010	Vieworks Co. Ltd.	35	3510	351010
USANA Health Sciences, In	30	3030	303020	Vifor Pharma AG	35	3520	352020
USI Corporation	15	1510	151010	Vijaya Bank			401010
USS Co., Ltd.	25	2550	255040	Village Roadshow Limited	25		
UT Group Co., Ltd.	20	2020	202020	Village Super Market, Inc	30	3010	
V Technology Co., Ltd.	45	4520	452030	Viña Concha y Toro S.A.	30	3020	302010
V.F. Corporation	25			Vinati Organics Limited	15	1510	151010
V.S. Industry Berhad	45	4520	452030	Vinda International Holdi	30	3030	303010
VA Tech Wabag Limited	55		551040	Vinythai Public Company L	15	1510	151010
Vail Resorts, Inc.	25	2530	253010	VIP Industries Limited	25	2520	252030
Vakrangee Limited	45	4510	451020	Virbac SA	35	3520	352020
Vale S.A.	15	1510	151040	Virtus Investment Partner			402030
Valeo SA	25	2510	251010	Virtusa Corporation	45	4510	451020
Valero Energy Corporation	10	1010	101020	Viscofan, S.A.	30	3020	302020
Valiant Holding AG			401010	Vishay Intertechnology, I	45	4520	452030
Valor Holdings Co., Ltd.	30	3010		Vista Land & Lifescapes,			601020
Valora Holding AG	25	2550	255040	Visual Photonics Epitaxy	45	4530	
Value Added Technology Co	35	3510	351010	Vital KSK Holdings, Inc.	35	3510	351020
Value Partners Group Limi			402030	Vitrolife AB (publ)	35	3520	352010
Van de Velde NV	25	2520	252030	Vittoria Assicurazioni S.			403010
Vanachai Group Public Com	20	2010	201020	Vivendi SA	25	2540	
Vanguard International Se	45	4530		VMware, Inc.	45	4510	451030
Vardhman Textiles Limited	25	2520	252030	Vodacom Group Limited	50		501020
Varian Medical Systems, I	35	3510	351010	Vodafone Group Plc	50		501020
Vastned Retail N.V.			601010	Voestalpine AG	15	1510	151040
Vector Inc.	25	2540		Voltronic Power Technolog	20	2010	201040
Ventas, Inc.			601010	Vonage Holdings Corp.	50		
Venture Corporation Limit	45	4520	452030	Vontobel Holding AG			402030
Veolia Environnement S.A.	55		551030	Vornado Realty Trust			601010
Vera Bradley, Inc.	25	2520	252030	VSTECs Holdings Limited	45	4520	452030
Verint Systems Inc.	45	4510	451030	VT Holdings Co., Ltd.	25	2550	255040

Vtech Holdings Limited	45	4520	452010	Weis Markets, Inc.	30	3010	
VTG Aktiengesellschaft	20	2030	203040	Welcia Holdings Co., Ltd.	30	3010	
Vulcan Materials Company	15	1510	151020	Welltower Inc.			601010
VZ Holding AG			402030	Welspun Corp Limited	15	1510	151040
W. R. Berkley Corporation			403010	Welspun India Limited	25	2520	252030
W. R. Grace & Co.	15	1510	151010	Wereldhave N.V.			601010
W.W. Grainger, Inc.	20	2010	201070	Werner Enterprises, Inc.	20	2030	203040
Wabash National Corporati	20	2010	201060	WESCO International, Inc.	20	2010	201070
WABCO Holdings Inc.	20	2010	201060	West Fraser Timber Co. Lt	15	1510	151050
WABCO India Limited	25	2510	251010	West Pharmaceutical Servi	35	3510	351010
Wacker Chemie AG	15	1510	151010	Westamerica Bancorporatio			401010
Wacker Neuson SE	20	2010	201060	Western Digital Corporati	45	4520	452020
Wacoal Holdings Corp.	25	2520	252030	Western Forest Products I	15	1510	151050
Wacom Co., Ltd.	45	4520	452020	Westfield Corporation			601010
Waddell & Reed Financial,			402030	Westinghouse Air Brake Te	20	2010	201060
WageWorks, Inc.	20	2020	202020	WestJet Airlines Ltd.	20	2030	203020
Wajax Corporation	20	2010	201070	Westpac Banking Corporati			401010
Walgreens Boots Alliance,	30	3010		WestRock Company	15	1510	
Wallenius Wilhelmsen Logi	20	2030	203030	Weyerhaeuser Company			601010
Wallenstam AB (publ)			601020	WGL Holdings, Inc.	55		551020
Wal-Mart de México, S.A.B	30	3010		WH Smith PLC	25	2550	255040
Walmart Inc.	30	3010		Whan In Pharm Co.,Ltd.	35	3520	352020
Walsin Technology Corpora	45	4520	452030	Wharf (Holdings) Limited			601020
Wan Hai Lines Ltd.	20	2030	203030	Wheaton Precious Metals C	15	1510	151040
Want Want China Holdings	30	3020	302020	Wheelock and Company Limi			601020
Warabeya Nichiyo Holdings	30	3020	302020	Whirlpool Corporation	25	2520	252010
Warehouses De Pauw			601010	Whirlpool of India Limite	25	2520	252010
Warner Media, LLC	25	2540		Whitbread PLC	25	2530	253010
Wärtsilä Oyj Abp	20	2010	201060	Whitecap Resources Inc.	10	1010	101020
Washington Federal, Inc.			401020	Whitstone REIT			601010
Washington H. Soul Pattin	10	1010	101020	Wienerberger AG	15	1510	151020
Washtec AG	20	2010	201060	Wihlborgs Fastigheter AB			601020
Wasion Holdings Limited	45	4520		William Demant Holding A/	35	3510	351010
Waste Management, Inc.	20	2020	202010	William Hill plc	25	2530	253010
Waters Corporation	35	3520	352030	William Lyon Homes	25	2520	252010
Watsco, Inc.	20	2010	201070	Williams-Sonoma, Inc.	25	2550	
Watts Water Technologies,	20	2010	201060	Wilmar International Limi	30	3020	302020
WCT Holdings Berhad	20	2010	201030	Wilson Bayly Holmes-Ovcon	20	2010	201030
WD-40 Company	30	3030	303010	WIN Semiconductors Corp.	45	4530	
Webjet Limited	25	2550	255020	Winbond Electronics Corpo	45	4530	
Webster Financial Corpora			401010	Winnebago Industries, Inc	25	2510	
Webzen Inc.	45	4510	451030	Winpak Ltd.	15	1510	151030
WEC Energy Group, Inc.	55		551030	Wintrust Financial Corpor			401010
WEG S.A.	20	2010	201060	Wipro Limited	45	4510	451020
Weingarten Realty Investo			601010	Wisdom Marine Lines Co.,	20	2030	203030

WisdomTree Investments, I			402030	Yamada Denki Co., Ltd.	25	2550	255040
Wistron Corporation	45	4520	452020	Yamaguchi Financial Group			401010
Wistron NeWeb Corporation	45	4520	452010	Yamaha Corporation	25	2520	
Wm Morrison Supermarkets	30	3010		Yamaha Motor Co., Ltd.	25		
Wockhardt Limited	35	3520	352020	Ya-Man Ltd.	30	3030	303020
Wolverine World Wide, Inc	25	2520	252030	Yamato Holdings Co., Ltd.	20	2030	203010
Wonik IPS Co., Ltd.	45	4530		Yamato Kogyo Co., Ltd.	15	1510	151040
Wonik Materials Co., Ltd.	15	1510	151010	Yamazaki Baking Co., Ltd.	30	3020	302020
Woodside Petroleum Ltd	10	1010	101020	Yamazen Corporation	20	2010	201070
Woolworths Group Limited	30	3010		Yangzijiang Shipbuilding	20	2010	
Workpoint Entertainment P	25	2540		Yanlord Land Group Limite			601020
Workspace Group plc			601010	Yanzhou Coal Mining Compa	10	1010	101020
World Acceptance Corporat			402020	Yaoko Co.,Ltd.	30	3010	
World Wrestling Entertain	25	2540		Yapi ve Kredi Bankasi A.S			401010
WOWOW INC.	25	2540		YASKAWA Electric Corporat	45	4520	452030
Wowprime Corp.	25	2530	253010	YC Inox Co., Ltd.	15	1510	151040
WPG Holdings Limited	45	4520	452030	Yellow Hat Ltd.	25	2550	255040
WPP AUNZ Limited	25	2540		Yeong Guan Energy Technol	15	1510	151040
WPP plc	25	2540		YFY Inc.	15	1510	151050
W-SCOPE Corporation	15	1510	151010	YG Entertainment Inc.	25	2540	
WSP Global Inc.	20	2010	201030	Yieh Phui Enterprise Co.,	15	1510	151040
WT Microelectronics Co.,	45	4520	452030	Yinson Holdings Berhad	10	1010	101010
Wüstenrot & Württembergis			403010	Yodogawa Steel Works, Ltd	15	1510	151040
Wuxi Little Swan Company	25	2520	252010	Yokogawa Bridge Holdings	20	2010	201030
Wynn Macau, Limited	25	2530	253010	Yokogawa Electric Corpora	45	4520	452030
Xcel Energy Inc.	55		551010	Yokohama Reito Co.,Ltd.	30	3010	
Xcerra Corporation	45	4530		Yomiuri Land Co., Ltd.	25	2530	253010
Xebio Holdings Co., Ltd.	25	2550	255040	Yondoshi Holdings Inc.	25	2520	252030
Xerox Corporation	45	4520	452020	YONEX Co., Ltd.	25	2520	252020
Xilinx, Inc.	45	4530		YOOX Net-A-Porter Group S	25	2550	255020
Xing SE	45	4510	451010	Yorozu Corporation	25	2510	251010
Xingda International Hold	25	2510	251010	Yoshinoya Holdings Co., L	25	2530	253010
Xinhua Winshare Publishin	25	2550	255010	Youlchon Chemical Co.,Ltd	15	1510	151030
Xinyi Glass Holdings Limi	25			Youngone Corporation	25	2520	252030
XL Group Ltd			403010	Youngone Holdings Co., Lt	25	2520	252030
XO Group Inc.	45	4510	451010	Youyuan International Hol	15	1510	151030
Xperi Corporation	45	4530		Ypsomed Holding AG	35	3510	
Xtep International Holdin	25	2520	252030	YTL Power International B	55		
Xxentria Technology Mater	20	2010	201020	Yue Yuen Industrial (Hold	25	2520	252030
Yageo Corporation	45	4520	452030	Yuexiu Property Company L			601020
Yahagi Construction Co.,L	20	2010	201030	Yuexiu Real Estate Invest			601010
Yahoo Japan Corporation	45	4510	451010	Yuexiu Transport Infrastr	20	2030	203050
Yakult Honsha Co.,Ltd.	30	3020	302020	Yuhan Corporation	35	3520	352020
Yakuodo Co., Ltd.	30	3010		Yulon Motor Company Ltd.	25	2510	251020
Yamabiko Corporation	20	2010	201060	Yume no Machi Souzou link	25	2550	255020

Yumeshin Holdings Co.,Ltd	20	2020	202020
Yung Chi Paint & Varnish	15	1510	151010
Yungjin Pharm. Co., Ltd.	35	3520	352020
YungShin Global Holding C	35	3520	352020
Yungtay Engineering Co.,	20	2010	201060
Yurtec Corporation	20	2010	201030
Yushin Precision Equipmen	20	2010	201060
Yuzhou Properties Company			601020
Zardoya Otis, S.A.	20	2010	201060
Zeder Investments Ltd.			402030
Zee Entertainment Enterpr	25	2540	
Zeng Hsing Industrial Co.	25	2520	252010
ZENKOKU HOSHO Co.,Ltd.			402010
Zenrin Co., Ltd.	25	2540	
Zensar Technologies Limit	45	4510	451030
Zensho Holdings Co., Ltd.	25	2530	253010
ZEON Corporation	15	1510	151010
Zeria Pharmaceutical Co.,	35	3520	352020
Zhaojin Mining Industry C	15	1510	151040
Zhejiang Expressway Co.,	20	2030	203050
Zhen Ding Technology Hold	45	4520	452030
Zhongsheng Group Holdings	25	2550	255040
Zignago Vetro S.p.A.	15	1510	151030
Zijin Mining Group Compan	15	1510	151040
Zimmer Biomet Holdings, I	35	3510	351010
Zinwell Corporation	45	4520	452010
Zions Bancorporation			401010
Zoetis Inc.	35	3520	352020
Zojirushi Corporation	25	2520	252010
zooplus AG	25	2550	255020
ZTE Corporation	45	4520	
Zumiez Inc.	25	2550	255040
Zurich Insurance Group AG			403010
Zydus Wellness Limited	30	3020	302020

Appendix F: GICS Codes in which Companies (“High-Financial-Risk” Set) are Included, World

In appendix F, a listing of the GICS codes in which each of the companies in the set of “high-financial-risk” companies in the World region is presented.

3D Systems Corporation	45	4520	452020	Atlantic Power Corporatio	55		551050
8x8, Inc.	45	4510	451030	Autodesk, Inc.	45	4510	451030
A. Schulman, Inc.	15	1510	151010	AutoZone, Inc.	25	2550	255040
Acacia Mining plc	15	1510	151040	Avianca Holdings S.A.	20	2030	203020
Acer Incorporated	45	4520	452020	Avon Products, Inc.	30	3030	
Acorda Therapeutics, Inc.	35	3520	352010	Axtel, S.A.B. de C.V.	50		501010
Adani Power Limited	55		551050	B2Gold Corp.	15	1510	151040
Advanced Micro Devices, I	45	4530		B2W - Companhia Digital	25	2550	
Aerojet Rocketdyne Holdin	20	2010	201010	Banc of California, Inc.			401010
AG Anadolu Grubu Holding	20			Barnes & Noble, Inc.	25	2550	255040
AIB Group PLC			401010	Barrick Gold Corporation	15	1510	151040
Aimia Inc.	25	2540		Bausch Health Companies I	35	3520	352020
Air France-KLM SA	20	2030	203020	Bavarian Nordic A/S	35	3520	352010
AK Steel Holding Corporat	15	1510	151040	Baytex Energy Corp.	10	1010	101020
Akastor ASA	10	1010	101010	Beach Energy Limited	10	1010	101020
Akebono Brake Industry Co	25	2510	251010	Beijing Jingneng Clean En	55		551050
Aker BP ASA	10	1010	101020	Belmond Ltd.	25	2530	253010
Alacer Gold Corp.	15	1510	151040	Bengang Steel Plates Co.,	15	1510	151040
Alamos Gold Inc.	15	1510	151040	Berjaya Corporation Berha	20		
Allegheny Technologies In	15	1510	151040	Bilfinger SE	20		
Allscripts Healthcare Sol	35	3510		BlackBerry Limited	45	4510	451030
Altus Group Limited			601020	BlueScope Steel Limited	15	1510	151040
AMAG Pharmaceuticals, Inc	35	3520	352010	Bombardier Inc.	20	2010	201010
AMC Networks Inc.	25	2540		Bonavista Energy Corporat	10	1010	101020
Amedisys, Inc.	35	3510	351020	Boralex Inc.	55		551050
American Woodmark Corpora	20	2010		Boston Scientific Corpora	35	3510	351010
Ameris Bancorp			401010	Bottomline Technologies (	45	4510	451030
AmTRAN Technology Co.,Ltd	25	2520	252010	Boyd Gaming Corporation	25	2530	253010
Anadarko Petroleum Corpor	10	1010	101020	Brinker International, In	25	2530	253010
AngioDynamics, Inc.	35	3510	351010	Brookdale Senior Living I	35	3510	351020
Anglo American Platinum L	15	1510	151040	BW Offshore Limited	10	1010	101010
Anglo American plc	15	1510	151040	Callon Petroleum Company	10	1010	101020
AngloGold Ashanti Limited	15	1510	151040	Canaccord Genuity Group I			402030
Apache Corporation	10	1010	101020	Capita plc	20	2020	
ArcelorMittal	15	1510	151040	Capital Environment Holdi	20	2020	202010
Archrock, Inc.	10	1010	101010	Carrizo Oil & Gas, Inc.	10	1010	101020
Arnoldo Mondadori Editore	25	2540		Casella Waste Systems, In	20	2020	202010
ARYZTA AG	30	3020	302020	Casey's General Stores, I	30	3010	
Ascena Retail Group, Inc.	25	2550	255040	CEMEX, S.A.B. de C.V.	15	1510	151020
Ascom Holding AG	35	3510		Centrais Elébricas Brasil	55		551010
Asia Optical Co., Inc.	45	4520	452030	Central European Media En	25	2540	
Asia Pacific Telecom Co.,	50		501010	Century Aluminum Company	15	1510	151040
Asiana Airlines, Inc.	20	2030	203020	CG Power and Industrial S	20	2010	
Aspen Technology, Inc.	45	4510	451030	Chemical Financial Corpor			401010
Astaldi S.p.A.	20	2010	201030	Chemring Group plc	20	2010	201010

Cheniere Energy, Inc.	10	1010	101020	DeA Capital S.p.A.			402030
Chiho Environmental Group	15	1510	151040	Denny's Corporation	25	2530	253010
China Datang Corporation	55		551050	DENTSPLY SIRONA Inc.	35	3510	351010
China First Capital Group	25	2510	251010	Depomed, Inc.	35	3520	352020
China Longyuan Power Grou	55		551050	Detour Gold Corporation	15	1510	151040
China Modern Dairy Holdin	30	3020	302020	Deutsche Bank Aktiengesel			402030
China National Building M	15	1510	151020	Diebold Nixdorf, Incorpor	45		
China National Materials	15	1510	151020	Dignity plc	25	2530	
China NT Pharma Group Com	35	3510	351020	Dine Brands Global, Inc.	25		
China Petrochemical Devel	15	1510	151010	Direct Energie Société An	55		551010
China Sanjiang Fine Chemi	15	1510	151010	Dish TV India Limited	25	2540	
China Suntien Green Energy	10	1010	101020	Dollarama Inc.	25	2550	
Choice Hotels Internation	25	2530	253010	Dongkuk Steel Mill Compan	15	1510	151040
Chung Hung Steel Corporat	15	1510	151040	Doosan Heavy Industries &	20	2010	
Ciena Corporation	45	4520	452010	Doosan Infracore Co., Ltd	20	2010	201060
Cimarex Energy Co.	10	1010	101020	E Ink Holdings Inc.	45	4520	452030
CITIC Limited	20	2010		Ecopro Co., Ltd.	15	1510	151010
Cleanaway Waste Managemen	20	2020	202010	Edenred SA	20	2020	202010
Clear Channel Outdoor Hol	25	2540		Ei Group plc	25	2530	253010
CMC Magnetics Corporation	45	4520	452020	Electro Scientific Indust	45	4520	452030
CMG Pharmaceutical Co., L	35	3520	352020	Empire Company Limited	30	3010	
CMK Corporation	45	4520	452030	Endeavour Mining Corporat	15	1510	151040
CNX Resources Corporation	10	1010	101020	Energen Corporation	10	1010	101020
Cobham plc	20	2010	201010	Enerplus Corporation	10	1010	101020
Codere, S.A.	25	2530	253010	ENGIE SA	55		
Cogent Communications Hol	50		501010	Engility Holdings, Inc.	20	2010	201010
Colgate-Palmolive Company	30	3030		EnQuest PLC	10	1010	101020
Community Health Systems,	35	3510	351020	EPISTAR corporation	45	4530	
Compagnie Industriali Riu	20			ERAMET S.A.	15	1510	151040
Compañía de Minas Buenave	15	1510	151040	Esprit Holdings Limited	25	2550	255040
Conagra Brands, Inc.	30	3020	302020	Esso S.A.F.	10	1010	101020
Concho Resources Inc.	10	1010	101020	Etablissements Maurel & P	10	1010	101020
Cosmo Energy Holdings Co.	10	1010	101020	Evergreen Marine Corporat	20	2030	203030
Cott Corporation	30	3020		Evolution Mining Limited	15	1510	151040
Credit Suisse Group AG			402030	EVRAZ plc	15	1510	151040
Crescent Point Energy Cor	10	1010	101020	Exmar NV	10	1010	101020
Crew Energy Inc.	10	1010	101020	Extreme Networks, Inc.	45	4520	452010
Crocs, Inc.	25	2520		Ezz Steel Company	15	1510	151040
Cross Country Healthcare,	35	3510	351020	Fagron NV	35	3510	351020
Customers Bancorp, Inc.			401010	Fairfax Media Limited	25	2540	
Cypress Semiconductor Cor	45	4530		Falck Renewables S.p.A.	55		551050
Daewoo Engineering & Cons	20	2010	201030	FDK Corporation	20	2010	
Dampskibsselskabet Norden	20	2030	203030	Ferro Corporation	15	1510	151010
Darwin Precisions Corpora	45	4530		Ferrotec Holdings Corpora	45		
De La Rue plc	20	2020	202010	Fidelity Southern Corpora			401010

Fields Corporation	25	2520		Harbin Electric Company L	20	2010	
FIH Mobile Limited	45	4520	452030	Harmony Gold Mining Compa	15	1510	151040
First Majestic Silver Cor	15	1510	151040	Harsco Corporation	20		
First Philippine Holdings	55		551010	HCA Healthcare, Inc.	35	3510	351020
FirstEnergy Corp.	55		551010	HCL Technologies Limited	45	4510	451020
Fomento de Construcciones	20	2010	201030	Hecla Mining Company	15	1510	151040
Forestar Group Inc.			601020	Heidelberger Druckmaschin	20		
FormFactor, Inc.	45	4530		Heidrick & Struggles Inte	20	2020	
Fortis Healthcare Limited	35	3510	351020	Helix Energy Solutions Gr	10	1010	101010
Fortuna Silver Mines Inc.	15	1510	151040	Hengyuan Refining Company	10	1010	101020
Fosun International Limit	20	2010		Herbalife Nutrition Ltd.	30	3030	
Freeport-McMoRan Inc.	15	1510	151040	Hertz Global Holdings, In	20	2030	
Frontier Communications C	50		501010	Hess Corporation	10	1010	101020
Futaba Corporation	20	2010		Hi Sun Technology (China)	45	4510	451020
Gartner, Inc.	45	4510	451020	HighPoint Resources Corpo	10	1010	101020
Gayatri Projects Limited	20	2010	201030	Hikma Pharmaceuticals PLC	35	3520	352020
GCL-Poly Energy Holdings	45	4530		Hindustan Construction Co	20	2010	201030
GEDI Gruppo Editoriale S.	25	2540		HMC Investment Securities			402030
General Cable Corporation	20	2010		Hochschild Mining plc	15	1510	151040
Genius Electronic Optical	45	4520	452030	Höegh LNG Holdings Ltd.	10	1010	101020
Genus plc	35	3520	352010	Hokkaido Electric Power C	55		551010
Gerdau S.A.	15	1510	151040	Hokuriku Electric Power C	55		551010
Gibson Energy Inc.	10	1010	101020	Hologic, Inc.	35	3510	351010
Gintech Energy Corporatio	45	4530		homecast Co., Ltd.	45	4520	452010
Global Telecom Holding S.	50			Honghua Group Limited	10	1010	101010
Glorious Property Holding			601020	Hovnanian Enterprises, In	25	2520	252010
GLP J-REIT			601010	HP Inc.	45	4520	452020
GMR Infrastructure Limite	20			HT&E Limited	25	2540	
Godo Steel, Ltd.	15	1510	151040	Huadian Fuxin Energy Corp	55		551050
GOL Linhas Aéreas Intelig	20	2030	203020	Huaneng Renewables Corpor	55		551050
Goldcorp Inc.	15	1510	151040	Hudbay Minerals Inc.	15	1510	151040
Golden Meditech Holdings	35	3510		Hudson's Bay Company	25	2550	
Golden Ocean Group Limite	20	2030	203030	Hunan Tyen Machinery Co.,	25	2510	251010
Goldsun Building Material	15	1510	151020	Hunting plc	10	1010	101010
GOME Retail Holdings Limi	25	2550	255040	Hyprop Investments Limite			601010
Government Properties Inc			601010	Hyundai Elevator Co., Ltd	20	2010	201060
Gran Tierra Energy Inc.	10	1010	101020	Hyundai Heavy Industries	20	2010	
Great Lakes Dredge & Dock	20	2010	201030	IAMGOLD Corporation	15	1510	151040
Green Cross Cell corporat	35	3520	352010	Iconix Brand Group, Inc.	25	2520	
Grindrod Limited	20	2030		IDEXX Laboratories, Inc.	35	3510	351010
GVC Holdings PLC	25	2530	253010	IGB Real Estate Investmen			601010
H&R Block, Inc.	25	2530		ILJIN Materials Co., Ltd.	45	4520	452030
H. Lundbeck A/S	35	3520	352020	IMMOFINANZ AG			601020
Hanjin Heavy Industries &	20	2010		Impala Platinum Holdings	15	1510	151040
Hansol Technics Co., Ltd.	45	4530		Impax Laboratories, Inc.	35	3520	352020

Incyte Corporation	35	3520	352010	Lattice Semiconductor Cor	45	4530	
Independence Group NL	15	1510	151040	Launch Tech Company Limit	25	2510	251010
Indra Sistemas, S.A.	45	4510	451020	Leonardo S.p.a.	20	2010	201010
Infinera Corporation	45	4520	452010	Leyou Technologies Holdin	45	4510	451030
Inmobiliaria Colonial, SO			601010	Li Ning Company Limited	25	2520	
Innergex Renewable Energy	55		551050	Lianhua Supermarket Holdi	30	3010	
Innoviva, Inc.	35	3520	352020	Live Nation Entertainment	25	2540	
InterContinental Hotels G	25	2530	253010	LivePerson, Inc.	45	4510	
Interflex Co., Ltd.	45	4520	452030	Lockheed Martin Corporati	20	2010	201010
iNtRON Biotechnology, Inc	35	3520	352010	Lonmin Plc	15	1510	151040
Invacare Corporation	35	3510	351010	Lotus Pharmaceutical Co.,	35	3520	352020
Investment Technology Gro			402030	Lumber Liquidators Holdin	25	2550	255040
J. C. Penney Company, Inc	25	2550		Lundin Petroleum AB (publ	10	1010	101020
Jack in the Box Inc.	25	2530	253010	Mack-Cali Realty Corporat			601010
Japan Drilling Co., Ltd.	10	1010	101010	Macronix International Co	45	4530	
Jerusalem Economy Ltd.			601020	Magnesita Refratários S.A	15	1510	151020
Jet Airways (India) Limit	20	2030	203020	Major Drilling Group Inte	15	1510	151040
Jinchuan Group Internatio	15	1510	151040	Man Group plc			402030
Jindal Stainless Limited	15	1510	151040	Maoye International Holdi	25	2550	
Jindal Steel & Power Limi	15	1510	151040	Mapletree North Asia Comm			601010
John Wiley & Sons, Inc.	25	2540		Marathon Oil Corporation	10	1010	101020
JSL S.A.	20	2030		Marfrig Global Foods S.A.	30	3020	302020
Just Energy Group Inc.	55			Marie Brizard Wine & Spir	30	3020	
JUSUNG ENGINEERING Co.,Lt	45	4530		Marriott International, I	25	2530	253010
Juventus Football Club S.	25	2540		MaxLinear, Inc.	45	4530	
JVC KENWOOD Corporation	25	2520	252010	McDermott International,	10	1010	101010
JW Pharmaceutical Corpora	35	3520	352020	McDonald's Corporation	25	2530	253010
KAMA Co.,Ltd.	20	2010		McDonald's Holdings Compa	25	2530	253010
Kappa-Create Co., Ltd.	25	2530	253010	Mediaset S.p.A.	25	2540	
Kawasaki Kisen Kaisha, Lt	20	2030	203030	MEDIPOST Co., Ltd.	35	3510	351020
KAZ Minerals PLC	15	1510	151040	MEG Energy Corp.	10	1010	101020
KBR, Inc.	20	2010	201030	Meritor, Inc.	20	2010	201060
Kenedix Residential Next			601010	Mexichem, S.A.B. de C.V.	15	1510	151010
Kindred Healthcare, LLC	35	3510	351020	MIE Holdings Corporation	10	1010	101020
Kinross Gold Corporation	15	1510	151040	Migros Ticaret A.S.	30	3010	
Kite Realty Group Trust			601010	Minera Frisco, S.A.B. de	15	1510	151040
Klöckner & Co SE	20	2010		Minerva S.A.	30	3020	302020
Komipharm International C	35	3520	352020	Mitel Networks Corporatio	45		
Korea Gas Corporation	55			Mitie Group plc	20	2020	202010
Kratos Defense & Security	20			Mitsui O.S.K. Lines, Ltd.	20	2030	203030
Kumho Industrial Co., Ltd	20	2010	201030	Mitsui Soko Holdings Co.,	20	2030	
Kyushu Electric Power Com	55		551010	MMG Limited	15	1510	151040
L Brands, Inc.	25	2550	255040	mobilezone holding ag	25	2550	255040
LATAM Airlines Group S.A.	20	2030	203020	Molina Healthcare, Inc.	35	3510	351020
Latécoère S.A.	20	2010	201010	MoneyGram International,	45	4510	451020

Motech Industries, Inc.	45	4530		Paramount Resources Ltd.	10	1010	101020
Motorcar Parts of America	25	2510	251010	Patterson Companies, Inc.	35	3510	351020
Motorola Solutions, Inc.	45			Patterson-UTI Energy, Inc	10	1010	101010
Murphy Oil Corporation	10	1010	101020	PDC Energy, Inc.	10	1010	101020
Nabors Industries Ltd.	10	1010	101010	Pearson plc	25	2540	
Nan Ya Printed Circuit Bo	45	4520	452030	Pengrowth Energy Corporat	10	1010	101020
Nanjing Panda Electronics	45	4520		Penn National Gaming, Inc	25	2530	253010
National CineMedia, Inc.	25	2540		Petroleum Geo-Services AS	10	1010	101010
New Gold Inc.	15	1510	151040	Peugeot S.A.	25	2510	
Newcrest Mining Limited	15	1510	151040	Pharma Mar, S.A.	35	3520	
NewMarket Corporation	15	1510	151010	Philip Morris Internation	30	3020	
Newmont Mining Corporatio	15	1510	151040	Pierre & Vacances SA	25	2530	253010
Nexans S.A.	20	2010		Pinnacle Entertainment, I	25	2530	253010
NEXTDC Limited	45	4510		Pioneer Corporation	25	2520	252010
NH Hotel Group, S.A.	25	2530	253010	Pioneer Natural Resources	10	1010	101020
Nichicon Corporation	45	4520	452030	Post Holdings, Inc.	30	3020	302020
NichiiGakkan Co., Ltd.	35	3510	351020	PostNL N.V.	20	2030	
Nippon Chemi-Con Corporat	45	4520	452030	Precious Shipping Public	20	2030	203030
Nippon Prologis REIT, Inc			601010	Precision Drilling Corpor	10	1010	101010
Nippon Sharyo, Ltd.	20	2010	201060	Premier Foods plc	30	3020	302020
Nippon Yusen Kabushiki Ka	20	2030		Premier Oil plc	10	1010	101020
Nisshin Steel Co., Ltd.	15	1510	151040	PT Bank Danamon Indonesia			401010
Noble Energy, Inc.	10	1010	101020	PT Eagle High Plantations	30	3020	302020
Noble Group Limited	20	2010		PT Kawasan Industri Jabab			601020
Nokia Corporation	45	4520	452010	PT Krakatau Steel (Perser	15	1510	151040
Northam Platinum Limited	15	1510	151040	PT Pelat Timah Nusantara	15	1510	151040
Norwegian Air Shuttle ASA	20	2030	203020	PTC India Limited	55		551050
NRG Energy, Inc.	55		551050	Public Joint Stock Compan	15	1510	151040
NuVista Energy Ltd.	10	1010	101020	Public Power Corporation	55		551010
Nyrstar NV	15	1510	151040	Pure Industrial Real Esta			601010
Obrascón Huarte Lain, S.A	20	2010	201030	QEP Resources, Inc.	10	1010	101020
Obsidian Energy Ltd.	10	1010	101020	Quidel Corporation	35	3510	351010
OCI Company Ltd	15	1510	151010	Qurate Retail Group, Inc.	25	2550	
OCI N.V.	15	1510	151010	R.R. Donnelley & Sons Com	20		
ORBCOMM Inc.	50		501010	Rallye SA	30	3010	
Origin Energy Limited	10	1010	101020	Range Resources Corporati	10	1010	101020
OSAKA Titanium technologi	15	1510	151040	Realia Business, S.A.			601020
Otello Corporation ASA	45	4510		REC Silicon ASA	45	4530	
Outokumpu Oyj	15	1510	151040	Regis Corporation	25	2530	
Overstock.com, Inc.	25	2550		Reliance Communications L	50		
Pacific Basin Shipping Li	20	2030	203030	Rent-A-Center, Inc.	25	2550	255040
Pacific Premier Bancorp,			401010	Rentokil Initial plc	20	2020	202010
Painted Pony Energy Ltd.	10	1010	101020	Resilient REIT Limited			601010
Pan American Silver Corp.	15	1510	151040	Revlon, Inc.	30	3030	
Panda Green Energy Group	55		551050	RH	25	2550	255040

Ring Energy, Inc.	10	1010	101020	SITI Networks Limited	25	2540	
RITEK Corporation	45	4520	452020	SK Discovery Co., Ltd.	15	1510	151010
Roadrunner Transportation	20	2030		SK Securities Co., Ltd.			402030
Round One Corporation	25	2530	253010	SM Energy Company	10	1010	101020
Royal Bafokeng Platinum L	15	1510	151040	SMA Solar Technology AG	45	4530	
RWE Aktiengesellschaft	55			Sohu.com Limited	45	4510	
Sacyr, S.A.	20			Solocal Group S.A.	25	2540	
Sadbhav Engineering Limit	20	2010	201030	Sonic Automotive, Inc.	25	2550	255040
Safilo Group S.p.A.	25	2520		Sonic Corp.	25	2530	253010
salesforce.com, inc.	45	4510	451030	Southern Cross Media Grou	25	2540	
Sally Beauty Holdings, In	25	2550	255040	Southside Bancshares, Inc			401010
Samsung Heavy Industries	20	2010	201060	Southwestern Energy Compa	10	1010	101020
Samsung SDI Co., Ltd.	45			Spartan Energy Corp.	10	1010	101020
Sanden Holdings Corporati	25			Spectrum Brands Holdings,	30	3030	
Sandstorm Gold Ltd.	15	1510	151040	SpiceJet Limited	20	2030	203020
Sanoma Oyj	25	2540		SRC Energy Inc.	10	1010	101020
Santos Limited	10	1010	101020	SSAB AB (publ)	15	1510	151040
Sany Heavy Equipment Inte	20	2010	201060	Ssangyong Motor Company	25	2510	
Sanyang Motor Co., Ltd.	25	2510		SSR Mining Inc.	15	1510	151040
Saras S.p.A.	10	1010	101020	St Barbara Limited	15	1510	151040
Schmolz + Bickenbach AG	15	1510	151040	Starhill Global Real Esta			601010
Schnitzer Steel Industrie	15	1510	151040	Stockmann Oyj ABP	25	2550	
Seacoast Banking Corporat			401010	Sui Northern Gas Pipeline	55		
SEACOR Holdings Inc.	10	1010	101010	Sun International Limited	25	2530	253010
Secure Energy Services In	10	1010	101010	Suncity Group Holdings Li			601020
Sejong Telecom, Inc.	50		501010	Sungwoo Hitech Co., Ltd.	25	2510	251010
Semapa - Sociedade de Inv	15	1510		SunPower Corporation	45	4530	
Senshukai Co., Ltd.	25	2550		Super Micro Computer, Inc	45	4520	452020
Seobu T&D Co., Ltd.	25	2550	255040	Superior Energy Services,	10	1010	101010
Sequent Scientific Limite	35	3520	352020	SUPERVALU INC.	30	3010	
Serco Group plc	20	2020		Surge Energy Inc.	10	1010	101020
Seven West Media Limited	25	2540		Suzlon Energy Limited	20		
SFA Semicon Co., Ltd.	45	4530		Syntel, Inc.	45	4510	451020
SGL Carbon SE	20	2010		Tailored Brands, Inc.	25	2550	255040
Shanghai Jin Jiang Intern	25	2530	253010	Taiwan Cogeneration Corpo	55		551050
Sharp Corporation	25	2520	252010	Tanaka Chemical Corporati	15	1510	151010
Shikoku Electric Power Co	55		551010	Taseko Mines Limited	15	1510	151040
Sierra Wireless, Inc.	45	4520	452010	Tata Communications Limit	50		
SIG plc	20	2010		Team, Inc.	20	2020	
Silvercorp Metals Inc.	15	1510	151040	Telefónica Deutschland Ho	50		501010
Sino Oil and Gas Holdings	10	1010	101020	Telenet Group Holding NV	25	2540	
Sino-American Silicon Pro	45	4530		Teligent, Inc.	35	3520	352020
Sinofert Holdings Limited	15	1510	151010	Telit Communications PLC	45	4520	452010
Sinotrans Shipping Limite	20	2030	203030	Tenet Healthcare Corporat	35	3510	351020
Sirius XM Holdings Inc.	25	2540		Tesco PLC	30	3010	

Teva Pharmaceutical Indus	35	3520	352020	United States Cellular Co	50		
Thai Airways Internationa	20	2030	203020	United States Steel Corpo	15	1510	151040
Thal Limited	25			Usinas Siderúrgicas de Mi	15	1510	151040
The AES Corporation	55		551050	Vallourec SA	10	1010	101010
The Chugoku Electric Powe	55		551010	Vectura Group plc	35	3520	352020
The Dun & Bradstreet Corp	20	2020		Vedanta Limited	15	1510	151040
The Indian Hotels Company	25	2530	253010	Vedanta Resources plc	15	1510	151040
The Japan Steel Works, Lt	20	2010	201060	Veeco Instruments Inc.	45	4530	
The Kansai Electric Power	55		551010	VeriFone Systems, Inc.	45	4520	
The Royal Bank of Scotlan			401010	VeriSign, Inc.	45	4510	
The Western Union Company	45	4510	451020	Vicor Corporation	20		
Tile Shop Holdings, Inc.	25	2550	255040	Vocus Group Limited	50		501010
Titan Machinery Inc.	20	2010		Vodafone Qatar Q.S.C.	50		
Toho Titanium Co., Ltd.	15	1510	151040	Volcan Compañía Minera S.	15	1510	151040
Tokuyama Corporation	15	1510	151010	Vossloh AG	20	2010	201060
Tokyo Electric Power Comp	55		551010	Wafer Works Corporation	45	4530	
Tokyo Steel Manufacturing	15	1510	151040	Watami Co., Ltd.	25	2530	253010
TomTom N.V.	25	2520	252010	Wei Chuan Foods Corporati	30	3020	302020
TOMY Company, Ltd.	25	2520		Weight Watchers Internati	25	2530	
Tongfang Kontafarma Holdi	15	1510	151020	Wemade Entertainment Co.,	45	4510	451030
Tongyang Inc.	15	1510	151020	Western Areas Limited	15	1510	151040
TORC Oil & Gas Ltd.	10	1010	101020	Whitehaven Coal Limited	10	1010	101020
Toshiba Tec Corporation	45	4520	452020	Whiting Petroleum Corpora	10	1010	101020
TP ICAP plc			402030	Windstream Holdings, Inc.	50		501010
TransAlta Corporation	55		551050	WPX Energy, Inc.	10	1010	101020
TransDigm Group Incorpora	20	2010	201010	Wynn Resorts, Limited	25	2530	253010
Transocean Ltd.	10	1010	101010	Xiamen International Port	20	2030	
TreeHouse Foods, Inc.	30	3020	302020	Xintec Inc.	45	4530	
Trican Well Service Ltd.	10	1010	101010	Yang Ming Marine Transpor	20	2030	203030
Trinidad Drilling Ltd.	10	1010	101010	YRC Worldwide Inc.	20	2030	
Triumph Group, Inc.	20	2010	201010	YUM! Brands, Inc.	25	2530	253010
True Corporation Public C	50		501010	Zebra Technologies Corpor	45	4520	452030
TTM Technologies, Inc.	45	4520	452030				
Tullow Oil plc	10	1010	101020				
Tupperware Brands Corpora	25	2520	252010				
Turquoise Hill Resources	15	1510	151040				
TV Azteca SAB de CV	25	2540					
UKC Holdings Corporation	45	4520	452030				
UltraTech Cement Limited	15	1510	151020				
ULVAC, Inc.	45	4530					
UniCredit S.p.A.			401010				
Unione di Banche Italiane			401010				
Unisys Corporation	45	4510	451020				
Unit Corporation	10	1010	101010				
United Spirits Limited	30	3020					

Appendix G: Companies (Main Set) in Each Industry, by GICS Code, in European Union

In appendix G, a listing of companies in the main set of "healthy" companies for each GICS code in the European Union region is presented.

GICS 10

Amerisur Resources PLC
Awilco Drilling Plc
BP p.l.c.
CropEnergies AG
Enagás, S.A.
Euronav NV
Gas Plus S.p.A.
Guideline Geo AB (publ)
Hargreaves Services Plc
AB Klaipėdos nafta
Lubelski Wegiel Bogdanka
Oil & Gas Exploration & P
Oil Terminal S.A.
OMV Aktiengesellschaft
OMV Petrom S.A.
Petro Welt Technologies A
Petrolina (Holdings) Publ
Repsol, S.A.
SC Rompetrol Well Service
Royal Dutch Shell plc
S.N.T.G.N. Transgaz S.A.
SBM Offshore N.V.
Snam S.p.A.
SOCO International plc
Stobart Group Limited
Subsea 7 S.A.
Técnicas Reunidas, S.A.
Tenaris S.A.
Tethys Oil AB (publ)
John Wood Group PLC
Zamet S.A.

GICS 1010

Amerisur Resources PLC
Awilco Drilling Plc
BP p.l.c.
CropEnergies AG
Enagás, S.A.
Euronav NV
Gas Plus S.p.A.
Guideline Geo AB (publ)
Hargreaves Services Plc
AB Klaipėdos nafta
Lubelski Wegiel Bogdanka
Oil & Gas Exploration & P
Oil Terminal S.A.
OMV Aktiengesellschaft
OMV Petrom S.A.
Petro Welt Technologies A
Petrolina (Holdings) Publ
Repsol, S.A.
SC Rompetrol Well Service
Royal Dutch Shell plc
S.N.T.G.N. Transgaz S.A.
SBM Offshore N.V.
Snam S.p.A.
SOCO International plc
Subsea 7 S.A.
Técnicas Reunidas, S.A.
Tenaris S.A.

Tethys Oil AB (publ)
John Wood Group PLC
Zamet S.A.

GICS 101010

Awilco Drilling Plc
Guideline Geo AB (publ)
Petro Welt Technologies A
SC Rompetrol Well Service
SBM Offshore N.V.
Subsea 7 S.A.
Técnicas Reunidas, S.A.
Tenaris S.A.
John Wood Group PLC
Zamet S.A.

GICS 101020

Amerisur Resources PLC
BP p.l.c.
CropEnergies AG
Enagás, S.A.
Euronav NV
Gas Plus S.p.A.
Hargreaves Services Plc
AB Klaipėdos nafta
Lubelski Wegiel Bogdanka
Oil & Gas Exploration & P
Oil Terminal S.A.
OMV Aktiengesellschaft
OMV Petrom S.A.
Petrolina (Holdings) Publ
Repsol, S.A.
Royal Dutch Shell plc
S.N.T.G.N. Transgaz S.A.
Snam S.p.A.
SOCO International plc
Tethys Oil AB (publ)

GICS 15

Acerinox, S.A.
Akzo Nobel N.V.
Alchemia S.A.
Alcomet AD
Altri, S.G.P.S., S.A.
Alumil Rom Industry S.A.
AMAG Austria Metall AG
AMG Advanced Metallurgica
Anglo Asian Mining PLC
Antofagasta plc
Arkema S.A.
Aurubis AG
BASF SE
NV Bekaert SA
BillerudKorsnäs AB (publ)
Boliden AB
Boryszew S.A.
Brødrene Hartmann A/S
BSC Drukarnia Opakowan Sp
Buzzi Unicem SpA
Caltagirone SpA
Campine NV

Castings P.L.C.
Cementir Holding S.p.A.
Central Asia Metals Plc
Coil S.A./N.V.
Corbion N.V.
CRH plc
Croda International plc
Delignit AG
Eko Export S.A.
Elementis plc
ENCE Energía y Celulosa,
Ercros, S.A.
ERG Spółka Akcyjna
Ergis S.A.
Euro Ressources S.A.
Exacompta Clairefontaine
Fazerles AD
Ferrexpo Plc
Flexopack Soc. Anonyme Pl
Flügger A/S
Fresnillo PLC
Grigeo AB
Groupe Guillin S.A.
PSB Industries
H+H International A/S
H&R GmbH & Co. KGaA
HEXPOL AB (publ)
Highland Gold Mining Limi
Hill & Smith Holdings PLC
Holland Colours NV
Huhtamäki Oyj
Iberpapel Gestión, S.A.
Iktinos Hellas S.A.
Imerys SA
Impexmetal S.A.
Isagro S.p.A.
Izostal Spółka Akcyjna
Johnson Matthey Plc
K+S Aktiengesellschaft
Kemira Oyj
KGHM Polska Miedz Spółka
Przedsiębiorstwo Produkcy
Konsorcjum Stali S.A.
L'Air Liquide S.A.
Le Bélier SA
Lenzing Aktiengesellschaft
Linde Aktiengesellschaft
Low & Bonar plc
Marshalls plc
Mayr-Melnhof Karton AG
Metsä Board Oyj
Michelmersh Brick Holding
Miquel y Costas & Miquel,
Mondi plc
Nabaltec AG
Nanogate AG
Novozymes A/S
Oeneo SA
Papeles y Cartones de Eur
Paperpack A.B.E.E.
PCC Exol S.A.

Pfleiderer Group Spólka A
Polska Grupa Odlewnicza S
Plastics Capital plc
Plastiques du Val de Loir
ProfilGruppen AB (publ)
F. Ramada Investimentos,
Reno De Medici S.p.A.
Resilux NV
RHI Magnesita N.V.
Rio Tinto plc
Robinson plc
S.C. Romcarbon S.A.
Rottneros AB (publ)
RPC Group Plc
Svenska Cellulosa Aktiebo
Selena FM S.A.
SIMONA Aktiengesellschaft
DS Smith Plc
Smurfit Kappa Group plc
SOL Spa
Solvay SA
SP Group A/S
Stalprodukt S.A.
EPC Groupe
Sto SE & Co. KGaA
Stora Enso Oyj
Svilosa AD
Synthomer plc
Synthos S.A.
The Navigator Company, S.
Tikkurila Oyj
Titan Cement Company S.A.
TMK-Artrom S.A.
TFF Group
Treatt plc
Tubacex, S.A.
Unior Kovaska industrija
UNIPETROL, a.s.
Vassiliko Cement Works
Vicat SA
Victrex plc
Vidrala, S.A.
Voestalpine AG
Vrancart S.A.
Wacker Chemie AG
Wienerberger AG
Zaklady Azotowe Pulawy S.
Grupa Azoty Zaklady Chemi
Zaklady Magnezytowe ROPCZ
Zignago Vetro S.p.A.
Zimplats Holdings Limited
Zotefoams plc

GICS 151010

Akzo Nobel N.V.
BASF SE
Corbion N.V.
Croda International plc
Eko Export S.A.
Elementis plc
Ercros, S.A.

ERG Spólka Akcyjna
Ergis S.A.
Flügger A/S
H&R GmbH & Co. KGaA
HEXPOL AB (publ)
Holland Colours NV
Isagro S.p.A.
Johnson Matthey Plc
Kemira Oyj
L'Air Liquide S.A.
Lenzing Aktiengesellschaft
Linde Aktiengesellschaft
Nabaltec AG
Nanogate AG
Novozymes A/S
PCC Exol S.A.
Plastiques du Val de Loir
S.C. Romcarbon S.A.
Selena FM S.A.
SIMONA Aktiengesellschaft
SOL Spa
Solvay SA
SP Group A/S
EPC Groupe
Synthomer plc
Synthos S.A.
Tikkurila Oyj
Treatt plc
UNIPETROL, a.s.
Victrex plc
Wacker Chemie AG
Zaklady Azotowe Pulawy S.
Grupa Azoty Zaklady Chemi
Zotefoams plc

GICS 151020

Buzzi Unicem SpA
Caltagirone SpA
Cementir Holding S.p.A.
CRH plc
H+H International A/S
Imerys SA
Low & Bonar plc
Marshalls plc
Michelmersh Brick Holding
RHI Magnesita N.V.
Sto SE & Co. KGaA
Titan Cement Company S.A.
Vassiliko Cement Works
Vicat SA
Wienerberger AG
Zaklady Magnezytowe ROPCZ

GICS 151030

BillerudKorsnäs AB (publ)
Brødrene Hartmann A/S
BSC Drukarnia Opakowan Sp
Flexopack Soc. Anonyme Pl
Groupe Guillin S.A.
PSB Industries
Huhtamäki Oyj

Oeneo SA
Paperpack A.B.E.E.
Reno De Medici S.p.A.
Resilux NV
Robinson plc
RPC Group Plc
DS Smith Plc
TFF Group
Vidrala, S.A.
Vrancart S.A.
Zignago Vetro S.p.A.

GICS 151040

Acerinox, S.A.
Alchemia S.A.
Alcomet AD
Alumil Rom Industry S.A.
AMAG Austria Metall AG
AMG Advanced Metallurgica
Anglo Asian Mining PLC
Antofagasta plc
Aurubis AG
NV Bekaert SA
Boliden AB
Boryszew S.A.
Castings P.L.C.
Central Asia Metals Plc
Coil S.A./N.V.
Euro Ressources S.A.
Ferrexpo Plc
Fresnillo PLC
Highland Gold Mining Limi
Hill & Smith Holdings PLC
Iktinos Hellas S.A.
Impexmetal S.A.
Izostal Spólka Akcyjna
KGHM Polska Miedz Spólka
Konsorcjum Stali S.A.
Le Bélier SA
Polska Grupa Odlewnicza S
ProfilGruppen AB (publ)
F. Ramada Investimentos,
Rio Tinto plc
Stalprodukt S.A.
TMK-Artrom S.A.
Tubacex, S.A.
Unior Kovaska industrija
Voestalpine AG
Zimplats Holdings Limited

GICS 151050

Altri, S.G.P.S., S.A.
Delignit AG
ENCE Energía y Celulosa,
Exacompta Clairefontaine
Fazerles AD
Grigeo AB
Iberpapel Gestión, S.A.
Przedsiębiorstwo Produkcy
Metsä Board Oyj
Miquel y Costas & Miquel,

Mondi plc
Pfleiderer Group Spółka A
Rottneros AB (publ)
Svenska Cellulosa Aktiebo
Svilosa AD
The Navigator Company, S.

Braemar Shipping Services
Brd. Klee A/S
Brødrene A & O Johansen A
Brenntag AG
Brunel International N.V.
BTS Group AB (publ)
Budimex SA
Bumech S.A.
Bunzl plc
Bureau Veritas SA
Cargotec Corporation
Catering International &
Cembre S.p.A.
CENTROTEC Sustainable AG
Centrum Nowoczesnych Tech
CEWE Stiftung & Co. KGaA
Chimimport AD
Compagnie d'Entreprises C
TClarke plc
Clasquin S.A.
Constructions Industriell
Cohort PLC
Colas SA
Communis plc
Concentric AB (publ)
Construcciones y Auxiliar
Nicolás Correa, S.A.
Costain Group plc
Cpl Resources plc
Cramo Oyj
CTT Systems AB
DLSI
Danieli & C. Officine Mec
Dart Group plc
Dassault Aviation SA
DSV A/S
Deceuninck NV
Delta Plus Group
Derichebourg
Deufol SE
Deutsche Lufthansa Aktien
Deutsche Post AG
DEUTZ Aktiengesellschaft
Dewhurst plc
DFDS A/S
Dialight plc
DMG MORI AKTIENGESELLSCHA
DPA Group N.V.
Dürkopp Adler AG
International Fibres Grou
easyJet plc
ECA SA
edding AG
Eiffage SA
Elanders AB (publ)
Elhim-Iskra JSC
Elecnor, S.A.
Elecster Oyj
Elektrobudowa SA
Elektrotim S.A.
Elemental Holding S.A.

Eltrak S.A.
Empresaria Group plc
Eolus Vind AB
Erbud S.A.
EUROKAI GmbH & Co. KGaA
Exel Composites Oyj
Exel Industries Société A
FW Thorpe Plc
AB Fagerhult
Famur S.A.
Fabryki Sprzetu i Narzedz
Fenner PLC
FERRO S.A.
Ferrovial, S.A.
FNM S.p.A.
Fidia S.p.A.
Financière de l'Odette SA
Finnair Oyj
Firstgroup plc
James Fisher and Sons plc
FLSmidth & Co. A/S
Flughafen Wien Aktiengesese
FRIWO AG
G4S plc
Gama Aviation Plc
Gattaca plc
GEA Group Aktiengesellsch
General Commercial & Indu
Gérard Perrier Industrie
Getlink S.E.
Gévelot SA
GL Events
The Go-Ahead Group plc
Groupe Pizzorno Environne
Grafenia Plc
Grodno Spółka Akcyjna
Groupe CRIT SA
Grupa Kapitalowa IMMOBILE
Gunnebo AB
Haldex AB (publ)
Hamburger Hafen und Logis
Harvey Nash Group plc
Haulotte Group SA
Hays plc
Herkules S.A.
HOCHTIEF Aktiengesellscha
HomeServe plc
Howden Joinery Group Plc
Przedsiębiorstwo Hydraul
ID Logistics Group SA
I.M.A. Industria Macchine
IMI plc
Impel S.A.
Jacquet Metal Service SA
Compagnie Industrielle Fi
INDUS Holding AG
Indutrade AB (publ)
Innotec TSS AG
Instal Kraków S.A.
Installux SA
Interpump Group S.p.A.

GICS 20

A.P. Møller - Mærsk A/S
Aalberts Industries N.V.
Abertis Infraestructuras,
ACS, Actividades de Const
ADA Société Anonyme
Aegean Airlines S.A.
Aéroports de Paris SA
S.C. Aerostar S.A.
ÅF AB (publ)
Aggreko Plc
Agraria Group Holding JSC
Air Partner plc
Airbus SE
AKKA Technologies SE
Alfa Laval AB (publ)
Alstom SA
The Alumasc Group plc
Amadeus FiRe AG
Andrews Sykes Group plc
Andritz AG
Ansaldo STS S.p.A.
AQ Group AB (publ)
Arcadis NV
Arkil Holding A/S
Artego S.A.
Ashtead Group plc
ASSA ABLOY AB (publ)
Assystem S.A.
ASTM S.p.A.
Atlantia S.p.A.
Atlas Copco AB
Augean plc
Aukett Swanke Group Plc
Aurea SA
Autostrade Meridionali S.
Avia Solutions Group AB
Babcock International Gro
BAE Systems plc
Batenburg Technik N.V.
BAUER Aktiengesellschaft
BBA Aviation plc
Beijer Alma AB (publ)
Beijer Ref AB (publ)
Benefit Systems S.A.
Berling S.A.
Bertrandt Aktiengesellsch
Best Union Company S.p.A.
Biesse S.p.A.
Bodycote plc
Bollere
F.E. Bording A/S
Royal Boskalis Westminster
Bowim S.A.

InterQuest Group plc
 Intertek Group plc
 Int'l Consolidated Airlin
 IRCE S.p.A.
 ITAB Shop Concept AB (pub
 James Halstead plc
 James Latham plc
 Jensen-Group NV
 Joh. Friedrich Behrens AG
 Johnson Service Group PLC
 Judges Scientific plc
 Jungheinrich Aktiengesell
 KAP Beteiligungs-AG
 Keller Group plc
 Kesla Oyj
 Kier Group plc
 Kingspan Group plc
 Københavns Lufthavne A/S
 Koenig & Bauer AG
 Koncar - Distribution and
 Koncar - Elektroindustrij
 KONE Oyj
 Konecranes Plc
 Krakchemia S.A.
 KROMI Logistik AG
 Kronos AG
 Krynicki Recykling Spółka
 KSB SE & Co. KGaA
 KUKA Aktiengesellschaft
 Lammhults Design Group AB
 Lassila & Tikanoja Oyj
 Investment AB Latour (pub
 Legrand SA
 Lena Lighting S.A.
 Lindab International AB
 Lisi S.A.
 Loomis AB (publ)
 LPA Group plc
 Lubawa S.A.
 LUG S.A.
 Luka Koper d.d.
 MacFarlane Group plc
 Maire Tecnimont S.p.A.
 Malmbergs Elektriska AB (
 MAN SE
 Mangata Holding S.A.
 Manitou BF SA
 Maschinenfabrik Berthold
 Masterflex SE
 Mears Group plc
 Mecanica Ceahlau S.A.
 Meggitt PLC
 Melrose Industries PLC
 Mercor SA
 AS Merko Ehitus
 Metso Corporation
 Svejsemaskinefabrikken Mi
 MIRBUD Spółka Akcyjna
 Mo-Bruk SA
 Mpac Group plc
 MonBat AD

Mota-Engil, SGPS, S.A.
 Moury Construct SA
 M+S Hydraulic AD
 MS Industrie AG
 MS INTERNATIONAL plc
 MTU Aero Engines AG
 Müller - Die lila Logisti
 Murgitroyd Group plc
 National Express Group PL
 Nederman Holding AB (publ
 NKT A/S
 Nordex SE
 Nordwest Handel AG
 NORMA Group SE
 Northgate plc
 NSE Industries SA
 OEM International AB (pub
 Österreichische Post AG
 OHB SE
 Oranjewoud N.V.
 Orzel Bialy S.A.
 PageGroup plc
 Palfinger AG
 Panariagroup Industrie Ce
 AB Panevezio Statybos Tre
 Patentus S.A.
 PayPoint plc
 Per Aarsleff Holding A/S
 Pfeiffer Vacuum Technolog
 Picanol NV
 Piraeus Port Authority S.
 Pittler Maschinenfabrik A
 PNE AG
 Ponsse Oyj
 Poolia AB (publ)
 Porvair plc
 Poujoulat SA
 Precia SA
 Prima Industrie S.p.A.
 Prime People Plc
 Projprzem S.A.
 Prosegur Compañía de Segu
 Prysmian S.p.A.
 QinetiQ Group Plc
 R. STAHL AG
 Rába Járműipari Holding N
 Fabryka Obrabiarek RAFAME
 Ramirent Oyj
 Randstad NV
 RATIONAL Aktiengesellscha
 Raute Oyj
 Rawlplug S.A.
 Redde plc
 Rejlers AB (publ)
 Relpol S.A.
 RELX PLC
 Renew Holdings plc
 Rexel S.A.
 Ricardo plc
 Ringmetall AG
 Robert Walters plc

Rolls-Royce Holdings plc
 Rosenbauer International
 Rotala PLC
 RPS Group plc
 Ryanair Holdings plc
 Saab AB (publ)
 Safran SA
 Saga Furs Oyj
 Compagnie de Saint-Gobain
 Salini Impregilo S.p.A.
 Sandvik AB
 SAS AB (publ)
 Schneider Electric S.E.
 Science Group plc
 Severfield plc
 Società Iniziative Autost
 Siemens Gamesa Renewable
 Signaux Girod S.A.
 SinterCast AB (publ)
 SKAKO A/S
 Skanska AB (publ)
 SMT Scharf AG
 SOCEP S.A.
 Sogclair SA
 Solar A/S
 Somfy SA
 Speedy JSC
 Spirax-Sarco Engineering
 SRV Yhtiöt Oyj
 Staffline Group plc
 Stagecoach Group plc
 Stara Planina Hold Plc
 STEF S.A.
 STThree plc
 Strabag SE
 Svedbergs i Dalstorp AB
 Sweco AB (publ)
 Synergie SE
 Systemair AB (publ)
 AS Tallink Grupp
 Technotrans AG
 Teleperformance SE
 Termo-Rex S.A.
 Tesmec S.p.A.
 Thales S.A.
 Thermador Groupe SA
 Thessaloniki Port Authori
 Titon Holdings plc
 Tivoly S.A.
 TKH Group N.V.
 Toscana Aeroporti S.p.A.
 Trace Group Hold PLC
 Trakcja PRKil S.A.
 Travis Perkins plc
 Trifast plc
 Turbon AG
 Tyman plc
 Ultra Electronics Holding
 UNIBEP S.A.
 Uniflex AB (publ)
 Vestas Wind Systems A/S

AB Volvo (publ)
Vp plc
VTG Aktiengesellschaft
Wacker Neuson SE
Wärtsilä Oyj Abp
Washtec AG
WDX S.A.
Wielton S.A.
Wise Group AB (publ)
Work Service S.A.
WYG PLC
XANO Industri AB (publ)
XPO Logistics Europe SA
Zardoya Otis, S.A.
ZUE S.A.

Cramo Oyj
CTT Systems AB
Danieli & C. Officine Mec
Dassault Aviation SA
Deceuninck NV
DEUTZ Aktiengesellschaft
Dewhurst plc
Dialight plc
DMG MORI AKTIENGESELLSCHA
Dürkopp Adler AG
International Fibres Grou
ECA SA
Eiffage SA
Elhim-Iskra JSC
Elecnor, S.A.
Elecster Oyj
Elektrobudowa SA
Elektrotim S.A.
Eltrak S.A.
Eolus Vind AB
Erbud S.A.
Exel Composites Oyj
Exel Industries Société A
FW Thorpe Plc
AB Fagerhult
Famur S.A.
Fabryki Sprzetu i Narzedz
Fenner PLC
FERRO S.A.
FRIWO AG
GEA Group Aktiengesellsch
General Commercial & Indu
Gérard Perrier Industrie
Gévelot SA
Grodno Spółka Akcyjna
Grupa Kapitalowa IMMOBILE
Haldex AB (publ)
Haulotte Group SA
Herkules S.A.
HOCHTIEF Aktiengesellscha
Howden Joinery Group Plc
Przedsiębiorstwo Hydraul
I.M.A. Industria Macchine
IMI plc
Jacquet Metal Service SA
Compagnie Industrielle Fi
INDUS Holding AG
Indutrade AB (publ)
Innotec TSS AG
Instal Kraków S.A.
Installux SA
Interpump Group S.p.A.
IRCE S.p.A.
James Halstead plc
James Latham plc
Jensen-Group NV
Joh. Friedrich Behrens AG
Judges Scientific plc
Jungheinrich Aktiengesell
Keller Group plc
Kesla Oyj

Kingspan Group plc
Koenig & Bauer AG
Koncar - Distribution and
Koncar - Elektroindustrij
KONE Oyj
Krachemia S.A.
KROMI Logistik AG
Krones AG
KSB SE & Co. KGaA
KUKA Aktiengesellschaft
Investment AB Latour (pub
Legrand SA
Lena Lighting S.A.
Lindab International AB
Lisi S.A.
LPA Group plc
Lubawa S.A.
LUG S.A.
MacFarlane Group plc
Maire Tecnimont S.p.A.
Malmbergs Elektriska AB ((
MAN SE
Mangata Holding S.A.
Manitou BF SA
Maschinenfabrik Berthold
Masterflex SE
Mecanica Ceahlau S.A.
Meggitt PLC
Mercor SA
AS Merko Ehitus
Metso Corporation
Svejsmaskinefabrikken Mi
MIRBUD Spółka Akcyjna
Mpac Group plc
MonBat AD
Mota-Engil, SGPS, S.A.
Moury Construct SA
M+S Hydraulic AD
MS Industrie AG
MS INTERNATIONAL plc
Nederman Holding AB (publ
NKT A/S
Nordex SE
Nordwest Handel AG
NORMA Group SE
NSE Industries SA
OEM International AB (pub
OHB SE
Oranjewoud N.V.
Palfinger AG
Panariagroup Industrie Ce
AB Panevezio Statybos Tre
Patentus S.A.
Per Aarsleff Holding A/S
Pfeiffer Vacuum Technolog
Picanol NV
Pittler Maschinenfabrik A
PNE AG
Ponsse Oyj
Porvair plc
Poujoulat SA

GICS 2010

Aalberts Industries N.V.
ACS, Actividades de Const
S.C. Aerostar S.A.
Agria Group Holding JSC
Airbus SE
Alfa Laval AB (publ)
Alstom SA
The Alumasc Group plc
Andrews Sykes Group plc
Andritz AG
AQ Group AB (publ)
Arcadis NV
Arkil Holding A/S
Artego S.A.
Ashtead Group plc
ASSA ABLOY AB (publ)
Atlas Copco AB
BAE Systems plc
Batenburg Techniek N.V.
BAUER Aktiengesellschaft
Beijer Alma AB (publ)
Beijer Ref AB (publ)
Berling S.A.
Biesse S.p.A.
Bodycote plc
Royal Boskalis Westminste
Bowim S.A.
Brd. Klee A/S
Brødrene A & O Johansen A
Brenntag AG
Budimex SA
Bunzl plc
Cargotec Corporation
Cembre S.p.A.
CENTROTEC Sustainable AG
Centrum Nowoczesnych Tech
Chimimport AD
Compagnie d'Entreprises C
TClarke plc
Colas SA
Concentric AB (publ)
Construcciones y Auxiliar
Nicolás Correa, S.A.
Costain Group plc

Precia SA
 Prima Industrie S.p.A.
 Projprzem S.A.
 Prysmian S.p.A.
 QinetiQ Group Plc
 R. STAHL AG
 Rába Járniipari Holding N
 Fabryka Obrabiarek RAFAME
 Ramirent Oyj
 RATIONAL Aktiengesellscha
 Raute Oyj
 Rawlplug S.A.
 Relpol S.A.
 Renew Holdings plc
 Rexel S.A.
 Ringmetall AG
 Rolls-Royce Holdings plc
 Rosenbauer International
 Saab AB (publ)
 Safran SA
 Compagnie de Saint-Gobain
 Salini Impregilo S.p.A.
 Sandvik AB
 Severfield plc
 Siemens Gamesa Renewable
 SinterCast AB (publ)
 SKAKO A/S
 Skanska AB (publ)
 SMT Scharf AG
 Sogclair SA
 Solar A/S
 Somfy SA
 Spirax-Sarco Engineering
 SRV Yhtiöt Oyj
 Stara Planina Hold Plc
 Strabag SE
 Svedbergs i Dalstorp AB
 Sweco AB (publ)
 Systemair AB (publ)
 Termo-Rex S.A.
 Tesmec S.p.A.
 Thales S.A.
 Thermador Groupe SA
 Titon Holdings plc
 Tivoly S.A.
 TKH Group N.V.
 Trace Group Hold PLC
 Trakcja PRKil S.A.
 Travis Perkins plc
 Trifast plc
 Tyman plc
 Ultra Electronics Holding
 UNIBEP S.A.
 Vestas Wind Systems A/S
 AB Volvo (publ)
 Vp plc
 Wacker Neuson SE
 Wärtsilä Oyj Abp
 Washtec AG
 WDX S.A.
 Wielton S.A.

WYG PLC
 XANO Industri AB (publ)
 Zardoya Otis, S.A.
 ZUE S.A.

GICS 201010

S.C. Aerostar S.A.
 Airbus SE
 BAE Systems plc
 CTT Systems AB
 Dassault Aviation SA
 ECA SA
 Lisi S.A.
 Lubawa S.A.
 Meggitt PLC
 NSE Industries SA
 OHB SE
 QinetiQ Group Plc
 Saab AB (publ)
 Safran SA
 Sogclair SA
 Thales S.A.
 Ultra Electronics Holding

GICS 201020

The Alumasc Group plc
 ASSA ABLOY AB (publ)
 CENTROTEC Sustainable AG
 Deceuninck NV
 FERRO S.A.
 Innotec TSS AG
 Installux SA
 James Halstead plc
 Joh. Friedrich Behrens AG
 Kingspan Group plc
 Lindab International AB
 Mercor SA
 Nederman Holding AB (publ)
 Panariagroup Industrie Ce
 Poujoulat SA
 Projprzem S.A.
 Svedbergs i Dalstorp AB
 Systemair AB (publ)
 Termo-Rex S.A.
 Titon Holdings plc
 Tyman plc

GICS 201030

ACS, Actividades de Const
 Arcadis NV
 Arkil Holding A/S
 Royal Boskalis Westminster
 Budimex SA
 Centrum Nowoczesnych Tech
 Compagnie d'Entreprises C
 TClarke plc
 Colas SA
 Costain Group plc
 Eiffage SA
 Elecnor, S.A.
 Eolus Vind AB

Erbud S.A.
 HOCHTIEF Aktiengesellscha
 Compagnie Industrielle Fi
 Instal Kraków S.A.
 Keller Group plc
 Maire Tecnimont S.p.A.
 AS Merko Ehitus
 MIRBUD Spółka Akcyjna
 Mota-Engil, SGPS, S.A.
 Moury Construct SA
 Oranjewoud N.V.
 AB Panevezio Statybos Tre
 Per Aarsleff Holding A/S
 Renew Holdings plc
 Salini Impregilo S.p.A.
 Severfield plc
 Skanska AB (publ)
 SRV Yhtiöt Oyj
 Strabag SE
 Sweco AB (publ)
 Trace Group Hold PLC
 Trakcja PRKil S.A.
 UNIBEP S.A.
 WYG PLC
 ZUE S.A.

GICS 201040

AQ Group AB (publ)
 Cembre S.p.A.
 Dewhurst plc
 Dialight plc
 Elhim-Iskra JSC
 Elektrotim S.A.
 FW Thorpe Plc
 AB Fagerhult
 FRIWO AG
 Gérard Perrier Industrie
 IRCE S.p.A.
 Koncar - Distribution and
 Koncar - Elektroindustrij
 Legrand SA
 Lena Lighting S.A.
 LPA Group plc
 LUG S.A.
 MonBat AD
 NKT A/S
 Nordex SE
 PNE AG
 Relpol S.A.
 Siemens Gamesa Renewable
 Somfy SA
 Vestas Wind Systems A/S

GICS 201060

Aalberts Industries N.V.
 Alfa Laval AB (publ)
 Alstom SA
 Artego S.A.
 Atlas Copco AB
 Biesse S.p.A.
 Cargotec Corporation

Concentric AB (publ)
 Construcciones y Auxiliar
 Nicolás Correa, S.A.
 Danieli & C. Officine Mec
 DEUTZ Aktiengesellschaft
 DMG MORI AKTIENGESELLSCHA
 Dürkopp Adler AG
 International Fibres Grou
 Elecster Oyj
 Exel Composites Oyj
 Exel Industries Société A
 Famur S.A.
 Fabryki Sprzetu i Narzedz
 Fenner PLC
 GEA Group Aktiengesellsch
 Gévelot SA
 Haldex AB (publ)
 Haulotte Group SA
 Przedsiębiorstwo Hydraul
 I.M.A. Industria Macchine
 IMI plc
 Interpump Group S.p.A.
 Jensen-Group NV
 Judges Scientific plc
 Jungheinrich Aktiengesell
 Kesla Oyj
 Koenig & Bauer AG
 KONE Oyj
 Krones AG
 KSB SE & Co. KGaA
 KUKA Aktiengesellschaft
 MAN SE
 Mangata Holding S.A.
 Manitou BF SA
 Maschinenfabrik Berthold
 Masterflex SE
 Mecanica Ceahlau S.A.
 Metso Corporation
 Svejsemaskinefabrikken Mi
 Mpac Group plc
 M+S Hydraulic AD
 NORMA Group SE
 Palfinger AG
 Patentus S.A.
 Pfeiffer Vacuum Technolog
 Picanol NV
 Pittler Maschinenfabrik A
 Ponsse Oyj
 Porvair plc
 Precia SA
 Prima Industrie S.p.A.
 R. STAHL AG
 Fabryka Obrabiarek RAFAME
 RATIONAL Aktiengesellscha
 Raute Oyj
 Rawlplug S.A.
 Ringmetall AG
 Rosenbauer International
 Sandvik AB
 SinterCast AB (publ)
 SKAKO A/S

SMT Scharf AG
 Spirax-Sarco Engineering
 Stara Planina Hold Plc
 Tesmec S.p.A.
 Tivoly S.A.
 Trifast plc
 AB Volvo (publ)
 Wacker Neuson SE
 Wärtsilä Oyj Abp
 Washtec AG
 Wielton S.A.
 XANO Industri AB (publ)
 Zardoya Otis, S.A.

GICS 201070

Andrews Sykes Group plc
 Ashtead Group plc
 Beijer Ref AB (publ)
 Berling S.A.
 Bowim S.A.
 Brd. Klee A/S
 Brødrene A & O Johansen A
 Brenntag AG
 Bunzl plc
 Cramo Oyj
 Eltrak S.A.
 General Commercial & Indu
 Grodno Spółka Akcyjna
 Herkules S.A.
 Howden Joinery Group Plc
 Jacquet Metal Service SA
 Indutrade AB (publ)
 James Latham plc
 Krakchemia S.A.
 KROMI Logistik AG
 MacFarlane Group plc
 Malmbergs Elektriska AB (
 Northwest Handel AG
 OEM International AB (pub
 Ramirent Oyj
 Rexel S.A.
 Thermador Groupe SA
 Travis Perkins plc
 Vp plc

GICS 2020

ĀF AB (publ)
 AKKA Technologies SE
 Amadeus FiRe AG
 Assystem S.A.
 Augean plc
 Aukett Swanke Group Plc
 Aurea SA
 Benefit Systems S.A.
 Bertrandt Aktiengesellsch
 Best Union Company S.p.A.
 F.E. Bording A/S
 Brunel International N.V.
 BTS Group AB (publ)
 Bumech S.A.
 Bureau Veritas SA

Catering International &
 CEWE Stiftung & Co. KGaA
 Constructions Industriell
 Communisis plc
 Cpl Resources plc
 DLSI
 Delta Plus Group
 Derichebourg
 DPA Group N.V.
 edding AG
 Elanders AB (publ)
 Elemental Holding S.A.
 Empresaria Group plc
 G4S plc
 Gattaca plc
 GL Events
 Groupe Pizzorno Environne
 Grafenia Plc
 Groupe CRIT SA
 Gunnebo AB
 Harvey Nash Group plc
 Hays plc
 HomeServe plc
 Impel S.A.
 InterQuest Group plc
 Intertek Group plc
 ITAB Shop Concept AB (pub
 Johnson Service Group PLC
 Krynicki Recykling Spółka
 Lamnhults Design Group AB
 Lassila & Tikanoja Oyj
 Loomis AB (publ)
 Mears Group plc
 Mo-Bruk SA
 Murgitroyd Group plc
 Orzel Bialy S.A.
 PageGroup plc
 PayPoint plc
 Poolia AB (publ)
 Prime People Plc
 Prosegur Compañía de Segu
 Randstad NV
 Rejlers AB (publ)
 RELX PLC
 Ricardo plc
 Robert Walters plc
 RPS Group plc
 Saga Furs Oyj
 Science Group plc
 Staffline Group plc
 SThree plc
 Synergie SE
 Teleperformance SE
 Turbon AG
 Uniflex AB (publ)
 Wise Group AB (publ)
 Work Service S.A.

GICS 202010

Augean plc
 Aurea SA

Best Union Company S.p.A.
 F.E. Bording A/S
 Bumech S.A.
 Catering International &
 CEWE Stiftung & Co. KGaA
 Constructions Industriell
 Communisis plc
 Delta Plus Group
 Derichebourg
 edding AG
 Elanders AB (publ)
 Elemental Holding S.A.
 G4S plc
 GL Events
 Groupe Pizzorno Environne
 Grafenia Plc
 Gunnebo AB
 HomeServe plc
 Impel S.A.
 ITAB Shop Concept AB (publ)
 Johnson Service Group PLC
 Krynicki Recykling Spólka
 Lammhults Design Group AB
 Lassila & Tikanoja Oyj
 Loomis AB (publ)
 Mears Group plc
 Mo-Bruk SA
 Orzel Bialy S.A.
 PayPoint plc
 Prosegur Compañía de Seguros
 RPS Group plc
 Saga Furs Oyj
 Turbon AG

GICS 202020

ÅF AB (publ)
 AKKA Technologies SE
 Amadeus FiRe AG
 Assystem S.A.
 Aukett Swanke Group Plc
 Benefit Systems S.A.
 Bertrandt Aktiengesellschaft
 Brunel International N.V.
 BTS Group AB (publ)
 Bureau Veritas SA
 Cpl Resources plc
 DLSI
 DPA Group N.V.
 Empresaria Group plc
 Gattaca plc
 Groupe CRIT SA
 Harvey Nash Group plc
 Hays plc
 InterQuest Group plc
 Intertek Group plc
 Murgitroyd Group plc
 PageGroup plc
 Poolia AB (publ)
 Prime People Plc
 Randstad NV
 Rejlers AB (publ)

RELX PLC
 Ricardo plc
 Robert Walters plc
 Science Group plc
 Staffline Group plc
 STThree plc
 Synergie SE
 Teleperformance SE
 Uniflex AB (publ)
 Wise Group AB (publ)
 Work Service S.A.

GICS 2030

A.P. Møller - Mærsk A/S
 Abertis Infraestructuras,
 ADA Soci  t   Anonyme
 Aegean Airlines S.A.
 A  roports de Paris SA
 Air Partner plc
 Ansaldo STS S.p.A.
 ASTM S.p.A.
 Atlantia S.p.A.
 Autostrade Meridionali S.
 Avia Solutions Group AB
 BBA Aviation plc
 Bollore
 Braemar Shipping Services
 Clasquin S.A.
 Dart Group plc
 DSV A/S
 Deufol SE
 Deutsche Lufthansa Aktien
 Deutsche Post AG
 DFDS A/S
 easyJet plc
 EUROKAI GmbH & Co. KGaA
 FNM S.p.A.
 Financiere de l'Odette SA
 Finnair Oyj
 Firstgroup plc
 James Fisher and Sons plc
 Flughafen Wien Aktiengesellschaft
 Gama Aviation Plc
 Getlink S.E.
 The Go-Ahead Group plc
 Hamburger Hafen und Logistik
 ID Logistics Group SA
 Int'l Consolidated Airlines
 K  benhavns Lufthavn A/S
 Luka Koper d.d.
 M  ller - Die lila Logistik
 National Express Group PLC
 Northgate plc
   sterreichische Post AG
 Piraeus Port Authority S.
 Redde plc
 Rotala PLC
 Ryanair Holdings plc
 SAS AB (publ)
 Societ   Iniziativa Autost
 Signaux Girod S.A.

SOCEP S.A.
 Speedy JSC
 Stagecoach Group plc
 STEF S.A.
 AS Tallink Grupp
 Thessaloniki Port Authority
 Toscana Aeroporti S.p.A.
 VTG Aktiengesellschaft
 XPO Logistics Europe SA

GICS 203010

Bollore
 Clasquin S.A.
 Deufol SE
 Deutsche Post AG
 Financiere de l'Odette SA
 ID Logistics Group SA
 M  ller - Die lila Logistik
   sterreichische Post AG
 Speedy JSC
 XPO Logistics Europe SA

GICS 203020

Aegean Airlines S.A.
 Air Partner plc
 Dart Group plc
 easyJet plc
 Finnair Oyj
 Gama Aviation Plc
 Int'l Consolidated Airlines
 Ryanair Holdings plc
 SAS AB (publ)

GICS 203040

ADA Soci  t   Anonyme
 FNM S.p.A.
 Firstgroup plc
 The Go-Ahead Group plc
 National Express Group PLC
 Northgate plc
 Redde plc
 Rotala PLC
 Stagecoach Group plc
 STEF S.A.
 VTG Aktiengesellschaft

GICS 203050

Abertis Infraestructuras,
 A  roports de Paris SA
 Ansaldo STS S.p.A.
 ASTM S.p.A.
 Atlantia S.p.A.
 Autostrade Meridionali S.
 Avia Solutions Group AB
 BBA Aviation plc
 Braemar Shipping Services
 EUROKAI GmbH & Co. KGaA
 Flughafen Wien Aktiengesellschaft
 Getlink S.E.
 Hamburger Hafen und Logistik
 K  benhavns Lufthavn A/S

Luka Koper d.d.
Piraeus Port Authority S.
Società Iniziative Autost
Signaux Girod S.A.
SOCEP S.A.
Thessaloniki Port Authori
Toscana Aeroporti S.p.A.

Burberry Group plc
Burelle SA
Byggmax Group AB (publ)
Bytom S.A.
Caffyns plc
Cairo Communication S.p.A
Cambria Automobiles plc
CCC S.A.

Gaumont SA
Genting Singapore Limited
Geox S.p.A.
Götenehus Group AB (publ)
Graines Voltz
Grammer AG
Greene King plc
Greggs plc

GICS 25

4fun Media SA
4imprint Group plc
Abbey plc
Accell Group N.V.
Accor SA
Adriatic Croatia Internat
AD Plastik d.d.
Adidas AG
Adler Modemärkte AG
ADLPartner
Aeffe S.p.A.
Ahlers AG
AIK Fotboll AB
AIREA plc
AKWEL
Albena AD
Amer Sports Corporation
Amica S.A.
AmRest Holdings SE
APB Apranga
Artprice.com
AS Company S.A.
AS Silvano Fashion Group
AST Groupe
Atresmedia Corporación de
Autogrill S.p.A.
Axel Springer SE
B&C Speakers S.p.A.
AS Baltika
Barratt Developments plc
BasicNet S.p.A.
Bayerische Motoren Werke
Bellway p.l.c.
Bénéteau S.A.
The Berkeley Group Holdin
Bet-At-Home.com AG
Beter Bed Holding N.V.
Betsson AB
BHS tabletop AG
Bialetti Industrie S.p.A
BigBen Interactive
Bijou Brigitte modische A
Bilia AB
Björn Borg AB (publ)
Bloomsbury Publishing plc
Henry Boot PLC
Borussia Dortmund GmbH &
Bourrelie Group SA
Bovis Homes Group PLC
Bremllo S.p.A.
Brunello Cucinelli S.p.A.
Bulten AB (publ)

Ceconomy AG
The Character Group plc
Cherry AB (publ)
Churchill China plc
CIE Automotive, S.A.
Compagnie Générale des Ét
Cineworld Group plc
Clas Ohlson AB (publ)
Cofina, SGPS, S.A.
S.C. Compa SA
Compagnie des Alpes SA
Compagnie Du Mont-Blanc
Compass Group PLC
Constantin Medien AG
Continental Aktiengesells
Crest Nicholson Holdings
CSP International Fashion
CTS Eventim AG & Co. KGaA
Cyfrowy Polsat S.A.
Daimler AG
Damartex
De'Longhi S.p.A.
Debenhams plc
Decora S.A.
Delfingen Industry S.A.
Delko S.A.
Delticom AG
Dierig Holding AG
DO & CO Aktiengesellschaf
Domino's Pizza Group plc
Dunelm Group plc
Duni AB (publ)
egetæpper a/s
Einhell Germany AG
Electra Gruppen AB (publ)
AB Electrolux (publ)
Elica S.p.A.
ErlingKlinger AG
Emak S.p.A.
ESOTIQ & Henderson S.A.
Eutelsat Communications S
F.G. Europe S.A.
Fabryki Mebli Forte Spółk
Faurecia S.A.
Folli-Follie Commercial M
Fiat Chrysler Automobiles
Fielmann Aktiengesellscha
Fiskars Oyj Abp
Fortuna Entertainment Gro
Fuller, Smith & Turner P.
Funespaña, S.A.
Gabriel Holding A/S
Games Workshop Group PLC

Halfords Group plc
Headlam Group plc
H & M Hennes & Mauritz AB
Hermès International Soci
High Co. SA
Horscotch Global PR Group
Hornbach Baumarkt AG
House of Friends AB (publ)
Hugo Boss AG
HUP-Zagreb d.d.
Husqvarna AB (publ)
Ibersol, S.G.P.S., S.A.
IC Group A/S
IFA Hotel & Touristik Akt
IG Design Group Plc
Inchcape plc
Industria de Diseño Texti
Infas Holding Aktiengesel
Informa plc
Inter Cars S.A.
INTERFERIE Spółka Akcyjna
Brijun S.A.
IMS S.A.
Ipsos SA
ITE Group plc
ITV plc
JD Sports Fashion plc
JM AB (publ)
Jumbo S.A.
KABE Group AB (publ.)
KappAhl AB (publ)
Kaufman & Broad S.A.
Kering SA
Keski-suomalainen Oyj
Kingfisher plc
Kino Polska TV Spolka Akc
Klassik Radio AG
Komputronik S.A.
Koninklijke Brill NV
KTM Industries AG
L'Occitane International
Lagardère SCA
Leifheit Aktiengesellscha
Liburnia Riviera Hoteli d
Lingotes Especiales, S.A.
Linz Textil Holding Aktie
Lookers plc
LPP SA Capital Group
LUDWIG BECK am Rathauseck
Luxottica Group S.p.A.
M&C Saatchi plc
Maisons France Confort S.
Manutan International SA

Marimekko Oyj
 Media 6 SA
 MEDIACAP SA
 Mediaset España Comunicac
 Mekonomen AB (publ)
 Meliá Hotels Internationa
 Métropole Télévision S.A.
 Mex Polska Spółka Akcyjna
 Millennium & Copthorne Ho
 Mitchells & Butlers plc
 MJ Gleeson plc
 Mondo TV S.p.A.
 Moss Bros Group plc
 MQ Holding AB
 Modern Times Group Mtg AB
 Mulberry Group plc
 Muza S.A.
 N Brown Group plc
 Netmedia Spółka Akcyjna
 New Wave Group AB (publ)
 Next Fifteen Communicatio
 Next Plc
 Nobia AB (publ)
 Nokian Renkaat Oyj
 NOS, S.G.P.S., S.A.
 Novita S.A.
 NRJ Group SA
 Ocado Group plc
 Odd Molly International A
 Olympic Entertainment Gro
 Greek Organization of Foo
 Oponeo.pl S.A.
 Orbis Spółka Akcyjna
 Orchestra-Prémaman S.A.
 Paddy Power Betfair plc
 Pandora A/S
 paragon GmbH & Co. KGaA
 Groupe Partouche SA
 Passat Société Anonyme
 Peel Hotels plc
 PFNonwovens a.s.
 Pendragon PLC
 Persimmon plc
 Petrol d.d.
 Photo-Me International pl
 Piaggio & C. SpA
 Piquadro S.p.A.
 Piscines Desjoyaux SA
 Plaisio Computers S.A.
 Compagnie Plastic Omnium
 Plava laguna d.d.
 PMPG Polskie Media SA
 Pohjois-Karjalan Kirjapai
 Polytec Holding AG
 B.V. Delftsch Aardewerkfa
 Portmeirion Group plc
 Prada S.p.A
 Procad Spółka Akcyjna
 Progress Werk Oberkirch A
 Publicis Groupe S.A.
 PUMA SE

Radisson Hospitality AB (
 Rainbow Tours Spolka Akcy
 Rapala VMC Corporation
 Ratti S.p.A.
 Reach plc
 Redrow plc
 Renault SA
 Renk Aktiengesellschaft
 The Restaurant Group plc
 Roularta Media Group NV
 RTL Group SA
 Altur S.A.
 D'leteren SA
 Sabaf S.p.A.
 SAF-Holland S.A.
 Toyota Caetano Portugal,
 Salvatore Ferragamo S.p.A
 Samse SA
 Samsonite International S
 Sanok Rubber Company Spól
 SEB SA
 SES S.A.
 SHW AG
 Silkeborg IF Invest A/S
 SinnerSchrader Aktiengese
 Sioen Industries NV
 SkiStar AB (publ)
 Sky plc
 SnowWorld N.V.
 Société Française de Casi
 Sogefi S.p.A.
 Splendid Medien AG
 Sports Direct Internation
 pferdewetten.de AG
 FireAngel Safety Technolo
 Ströer SE & Co. KGaA
 Superdry Plc
 Swedol AB
 System1 Group PLC
 Syzygy AG
 TAKKT AG
 Taylor Wimpey plc
 Ted Baker Plc
 Télévision Française 1 SA
 Tivoli A/S
 TOD'S S.p.A.
 TOYA Spółka Akcyjna
 Trigano S.A.
 TUI AG
 Turism, Hoteluri, Restaur
 Turisthotel d.d.
 U10 SA
 Unlimited Travel Group UT
 Valeo SA
 Van de Velde NV
 Vertu Motors plc
 Victoria plc
 Viking Line ABP
 Vistula Group S.A.
 The Vitec Group plc
 Vivendi SA

Walker Greenbank PLC
 Gerry Weber International
 J D Wetherspoon plc
 WH Smith PLC
 Whitbread PLC
 William Hill plc
 Wistil Spółka Akcyjna
 Wojas S.A.
 Xilam Animation
 YOOX Net-A-Porter Group S
 YouGov plc
 Young & Co.'s Brewery, P.
 Zapf Creation AG
 ZEAL Network SE
 zooplus AG

GICS 2510

AD Plastik d.d.
 AKWEL
 Bayerische Motoren Werke
 Brembo S.p.A.
 Bulten AB (publ)
 Burelle SA
 CIE Automotive, S.A.
 Compagnie Générale des Ét
 S.C. Compa SA
 Continental Aktiengesells
 Daimler AG
 Delfingen Industry S.A.
 ElringKlinger AG
 Faurecia S.A.
 Fiat Chrysler Automobiles
 Grammer AG
 KTM Industries AG
 Lingotes Especiales, S.A.
 Nokian Renkaat Oyj
 paragon GmbH & Co. KGaA
 Piaggio & C. SpA
 Compagnie Plastic Omnium
 Polytec Holding AG
 Progress Werk Oberkirch A
 Renault SA
 Renk Aktiengesellschaft
 Altur S.A.
 SAF-Holland S.A.
 Toyota Caetano Portugal,
 Sanok Rubber Company Spól
 SHW AG
 Sogefi S.p.A.
 Valeo SA

GICS 251010

AD Plastik d.d.
 AKWEL
 Brembo S.p.A.
 Bulten AB (publ)
 Burelle SA
 CIE Automotive, S.A.
 Compagnie Générale des Ét
 S.C. Compa SA
 Continental Aktiengesells

Delfingen Industry S.A.
ElringKlinger AG
Faurecia S.A.
Grammer AG
Lingotes Especiales, S.A.
Nokian Renkaat Oyj
paragon GmbH & Co. KGaA
Compagnie Plastic Omnium
Polytec Holding AG
Progress Werk Oberkirch A
Renk Aktiengesellschaft
Altur S.A.
SAF-Holland S.A.
Sanok Rubber Company Spól
SHW AG
Sogefi S.p.A.
Valeo SA

GICS 251020

Bayerische Motoren Werke
Daimler AG
Fiat Chrysler Automobiles
KTM Industries AG
Piaggio & C. SpA
Renault SA
Toyota Caetano Portugal,

GICS 2520

Abbey plc
Accell Group N.V.
Adidas AG
Aeffe S.p.A.
Ahlers AG
AIREA plc
Amer Sports Corporation
Amica S.A.
AS Company S.A.
AST Groupe
B&C Speakers S.p.A.
AS Baltika
Barratt Developments plc
Bellway p.l.c.
Bénéteau S.A.
The Berkeley Group Holdin
BHS tabletop AG
Bialetti Industrie S.p.A
Bijou Brigitte modische A
Henry Boot PLC
Bovis Homes Group PLC
Brunello Cucinelli S.p.A.
Burberry Group plc
Bytom S.A.
CCC S.A.
The Character Group plc
Churchill China plc
Crest Nicholson Holdings
CSP International Fashion
Damartex
De'Longhi S.p.A.
Decora S.A.
Dierig Holding AG

Duni AB (publ)
egetæpper a/s
Einhell Germany AG
AB Electrolux (publ)
Elica S.p.A.
Emak S.p.A.
ESOTIQ & Henderson S.A.
Fabryki Mebli Forte Spólk
Fiskars Oyj Abp
Gabriel Holding A/S
Games Workshop Group PLC
Geox S.p.A.
Götenehus Group AB (publ)
Hermès International Soci
Hugo Boss AG
Husqvarna AB (publ)
IC Group A/S
IG Design Group Plc
Briju S.A.
JM AB (publ)
KABE Group AB (publ.)
Kaufman & Broad S.A.
Leifheit Aktiengesellscha
Linz Textil Holding Aktie
LPP SA Capital Group
Luxottica Group S.p.A.
Maisons France Confort S.
Marimekko Oyj
MJ Gleeson plc
Mulberry Group plc
Nobia AB (publ)
Novita S.A.
Odd Molly International A
Orchestra-Prémaman S.A.
Pandora A/S
PFNonwovens a.s.
Persimmon plc
Photo-Me International pl
Piquadro S.p.A.
Piscines Desjoyaux SA
B.V. Delftsch Aardewerkfa
Portmeirion Group plc
Prada S.p.A.
PUMA SE
Ratti S.p.A.
Redrow plc
Sabaf S.p.A.
Salvatore Ferragamo S.p.A
Samsonite International S
SEB SA
Sioen Industries NV
FireAngel Safety Technolo
Taylor Wimpey plc
Ted Baker Plc
TOD'S S.p.A.
TOYA Spólka Akcyjna
Trigano S.A.
Van de Velde NV
Victoria plc
Vistula Group S.A.
The Vitec Group plc

Walker Greenbank PLC
Wistil Spólka Akcyjna
Wojas S.A.
Zapf Creation AG

GICS 252010

Abbey plc
AIREA plc
Amica S.A.
AST Groupe
B&C Speakers S.p.A.
Barratt Developments plc
Bellway p.l.c.
The Berkeley Group Holdin
BHS tabletop AG
Bialetti Industrie S.p.A
Henry Boot PLC
Bovis Homes Group PLC
Churchill China plc
Crest Nicholson Holdings
De'Longhi S.p.A.
Decora S.A.
Duni AB (publ)
egetæpper a/s
Einhell Germany AG
AB Electrolux (publ)
Elica S.p.A.
Emak S.p.A.
Fabryki Mebli Forte Spólk
Fiskars Oyj Abp
Götenehus Group AB (publ)
Husqvarna AB (publ)
IG Design Group Plc
JM AB (publ)
Kaufman & Broad S.A.
Leifheit Aktiengesellscha
Maisons France Confort S.
MJ Gleeson plc
Nobia AB (publ)
Persimmon plc
B.V. Delftsch Aardewerkfa
Portmeirion Group plc
Redrow plc
Sabaf S.p.A.
SEB SA
FireAngel Safety Technolo
Taylor Wimpey plc
TOYA Spólka Akcyjna
Victoria plc

GICS 252020

Accell Group N.V.
AS Company S.A.
Bénéteau S.A.
The Character Group plc
KABE Group AB (publ.)
Photo-Me International pl
Piscines Desjoyaux SA
Trigano S.A.
Zapf Creation AG

GICS 252030

Adidas AG
Aeffe S.p.A.
Ahlers AG
AS Baltika
Bijou Brigitte modische A
Brunello Cucinelli S.p.A.
Burberry Group plc
Bytom S.A.
CSP International Fashion
Damartex
Dierig Holding AG
ESOTIQ & Henderson S.A.
Gabriel Holding A/S
Geox S.p.A.
Hermès International Soci
Hugo Boss AG
IC Group A/S
Briju S.A.
Linz Textil Holding Aktie
LPP SA Capital Group
Luxottica Group S.p.A.
Marimekko Oyj
Mulberry Group plc
Novita S.A.
Orchestra-Prémaman S.A.
Pandora A/S
PFNonwovens a.s.
Piquadro S.p.A.
Prada S.p.A
PUMA SE
Ratti S.p.A.
Salvatore Ferragamo S.p.A
Samsonite International S
Sioen Industries NV
TOD'S S.p.A.
Van de Velde NV
Vistula Group S.A.
Wistil Spółka Akcyjna
Wojas S.A.

GICS 2530

Accor SA
Adriatic Croatia Internat
Albena AD
AmRest Holdings SE
Autogrill S.p.A.
Bet-At-Home.com AG
Betsson AB
Cherry AB (publ)
Compagnie des Alpes SA
Compagnie Du Mont-Blanc
Compass Group PLC
DO & CO Aktiengesellschaf
Domino's Pizza Group plc
Fortuna Entertainment Gro
Fuller, Smith & Turner P.
Funespaña, S.A.
Genting Singapore Limited
Greene King plc
Greggs plc

HUP-Zagreb d.d.
Ibersol, S.G.P.S., S.A.
IFA Hotel & Touristik Akt
INTERFERIE Spółka Akcyjna
Liburnia Riviera Hoteli d
Meliá Hotels Internationa
Mex Polska Spółka Akcyjna
Millennium & Copthorne Ho
Mitchells & Butlers plc
Olympic Entertainment Gro
Greek Organization of Foo
Orbis Spółka Akcyjna
Paddy Power Betfair plc
Groupe Partouche SA
Peel Hotels plc
Plava laguna d.d.
Radisson Hospitality AB (
Rainbow Tours Spolka Akcy
The Restaurant Group plc
SkiStar AB (publ)
SnowWorld N.V.
Société Française de Casi
pferdewetten.de AG
Tivoli A/S
TUI AG
Turism, Hoteluri, Restaur
Turisthotel d.d.
Unlimited Travel Group UT
Viking Line ABP
J D Wetherspoon plc
Whitbread PLC
William Hill plc
Young & Co.'s Brewery, P.
ZEAL Network SE

GICS 253010

Accor SA
Adriatic Croatia Internat
Albena AD
AmRest Holdings SE
Autogrill S.p.A.
Bet-At-Home.com AG
Betsson AB
Cherry AB (publ)
Compagnie des Alpes SA
Compagnie Du Mont-Blanc
Compass Group PLC
DO & CO Aktiengesellschaf
Domino's Pizza Group plc
Fortuna Entertainment Gro
Fuller, Smith & Turner P.
Genting Singapore Limited
Greene King plc
Greggs plc
HUP-Zagreb d.d.
Ibersol, S.G.P.S., S.A.
IFA Hotel & Touristik Akt
INTERFERIE Spółka Akcyjna
Liburnia Riviera Hoteli d
Meliá Hotels Internationa
Mex Polska Spółka Akcyjna

Millennium & Copthorne Ho
Mitchells & Butlers plc
Olympic Entertainment Gro
Greek Organization of Foo
Orbis Spółka Akcyjna
Paddy Power Betfair plc
Groupe Partouche SA
Peel Hotels plc
Plava laguna d.d.
Radisson Hospitality AB (
Rainbow Tours Spolka Akcy
The Restaurant Group plc
SkiStar AB (publ)
SnowWorld N.V.
Société Française de Casi
pferdewetten.de AG
Tivoli A/S
TUI AG
Turism, Hoteluri, Restaur
Turisthotel d.d.
Unlimited Travel Group UT
Viking Line ABP
J D Wetherspoon plc
Whitbread PLC
William Hill plc
Young & Co.'s Brewery, P.
ZEAL Network SE

GICS 2540

4fun Media SA
4imprint Group plc
ADLPartner
AIK Fotboll AB
Artprice.com
Atresmedia Corporación de
Axel Springer SE
Bloomsbury Publishing plc
Borussia Dortmund GmbH &
Cairo Communication S.p.A
Cineworld Group plc
Cofina, SGPS, S.A.
Constantin Medien AG
Cyfrowy Polsat S.A.
Eutelsat Communications S
Gaumont SA
High Co. SA
Hopscotch Global PR Group
House of Friends AB (publ)
Infas Holding Aktiengesel
Informa plc
IMS S.A.
Ipsos SA
ITE Group plc
ITV plc
KeskiSuomalainen Oyj
Kino Polska TV Spolka Akc
Klassik Radio AG
Koninklijke Brill NV
M&C Saatchi plc
Media 6 SA
MEDIACAP SA

Mediaset España Comunicac
 Métropole Télévision S.A.
 Mondo TV S.p.A.
 Modern Times Group Mtg AB
 Muza S.A.
 Next Fifteen Communicatio
 NOS, S.G.P.S., S.A.
 NRJ Group SA
 PMPG Polskie Media SA
 Pohjois-Karjalan Kirjapai
 Publicis Groupe S.A.
 Reach plc
 Roularta Media Group NV
 RTL Group SA
 SES S.A.
 Silkeborg IF Invest A/S
 SinnerSchrader Aktiengese
 Sky plc
 Splendid Medien AG
 Ströer SE & Co. KGaA
 System1 Group PLC
 Syzygy AG
 Télévision Française 1 SA
 Vivendi SA
 Xilam Animation
 YouGov plc

Lookers plc
 LUDWIG BECK am Rathauseck
 Manutan International SA
 Mekonomen AB (publ)
 Moss Bros Group plc
 MQ Holding AB
 N Brown Group plc
 Netmedia Spółka Akcyjna
 Next Plc
 Ocado Group plc
 Oponeo.pl S.A.
 Passat Société Anonyme
 Pendragon PLC
 Petrol d.d.
 Plaisio Computers S.A.
 Procad Spółka Akcyjna
 Samse SA
 Sports Direct Internation
 Superdry Plc
 Swedol AB
 TAKKT AG
 Vertu Motors plc
 WH Smith PLC
 YOOX Net-A-Porter Group S
 zooplus AG

Halfords Group plc
 H & M Hennes & Mauritz AB
 Hornbach Baumarkt AG
 Industria de Diseño Texti
 JD Sports Fashion plc
 Jumbo S.A.
 KappAhl AB (publ)
 Kingfisher plc
 Komputronik S.A.
 L'Occitane International
 Lookers plc
 Mekonomen AB (publ)
 Moss Bros Group plc
 MQ Holding AB
 Pendragon PLC
 Petrol d.d.
 Plaisio Computers S.A.
 Procad Spółka Akcyjna
 Samse SA
 Sports Direct Internation
 Swedol AB
 Vertu Motors plc
 WH Smith PLC

GICS 2550

Adler Modemärkte AG
 APB Apranga
 AS Silvano Fashion Group
 BasicNet S.p.A.
 Beter Bed Holding N.V.
 Bilia AB
 Bourrelier Group SA
 Byggmax Group AB (publ)
 Caffyns plc
 Cambria Automobiles plc
 Ceconomy AG
 Clas Ohlson AB (publ)
 Debenhams plc
 Delko S.A.
 Delticom AG
 Dunelm Group plc
 Electra Gruppen AB (publ)
 F.G. Europe S.A.
 Fielmann Aktiengesellscha
 Graines Voltz
 Halfords Group plc
 Headlam Group plc
 H & M Hennes & Mauritz AB
 Hornbach Baumarkt AG
 Inchcape plc
 Industria de Diseño Texti
 Inter Cars S.A.
 JD Sports Fashion plc
 Jumbo S.A.
 KappAhl AB (publ)
 Kingfisher plc
 Komputronik S.A.
 L'Occitane International

GICS 255010

Delko S.A.
 F.G. Europe S.A.
 Graines Voltz
 Headlam Group plc
 Inter Cars S.A.
 Oponeo.pl S.A.

GICS 255020

Delticom AG
 Manutan International SA
 N Brown Group plc
 Netmedia Spółka Akcyjna
 Ocado Group plc
 Passat Société Anonyme
 TAKKT AG
 YOOX Net-A-Porter Group S
 zooplus AG

GICS 255040

Adler Modemärkte AG
 APB Apranga
 AS Silvano Fashion Group
 BasicNet S.p.A.
 Beter Bed Holding N.V.
 Bilia AB
 Bourrelier Group SA
 Byggmax Group AB (publ)
 Caffyns plc
 Cambria Automobiles plc
 Ceconomy AG
 Clas Ohlson AB (publ)
 Dunelm Group plc
 Electra Gruppen AB (publ)
 Fielmann Aktiengesellscha

GICS 30

AAK AB (publ.)
 AdVini S.A.
 AGRANA Beteiligungs-Aktie
 Alkis H. Hadjikyriacos
 Ambra S.A.
 Amsterdam Commodities N.V
 Anglo-Eastern Plantations
 Anheuser-Busch InBev SA/N
 Anpario plc
 Apetit Oyj
 Associated British Foods
 ASTARTA Holding N.V.
 Atlantic Grupa d.d.
 Atria Oyj
 Auga Group AB
 Axfood AB (publ)
 Barón de Ley, S.A.
 A.G. BARR p.l.c.
 Beiersdorf Aktiengesellsc
 Bodegas Riojanas, S.A.
 Bonduelle SA
 British American Tobacco
 Britvic Plc
 BT Holding
 C&C Group plc
 Camellia PLC
 Carlsberg A/S
 Carr's Group plc
 Carrefour SA
 Casino, Guichard-Perracho
 Centrale del Latte d'Ital
 Cloetta AB (publ)
 Colian Holding S.A.
 Etn. Fr. Colruyt NV
 Cranswick plc
 Dairy Crest Group plc

Danone SA
 Davide Campari-Milano S.p
 Devro plc
 Diageo plc
 Distribuidora Internacion
 Ebro Foods, S.A.
 Emperia Holding S.A.
 Enervit S.p.A.
 Farmaceutica REMEDIA S.A.
 Finsbury Food Group Plc
 Fleury Michon SA
 Fromageries Bel SA
 FRoSTA Aktiengesellschaft
 Glanbia plc
 Gobarto S.A.
 Greencore Group plc
 Greenyard NV
 Gr. Sarantis S.A.
 L.D.C. S.A.
 Grupa Zywiec S.A.
 Harboes Bryggeri A/S
 Harper Hygienics S.A.
 Hawesko Holding Aktienges
 Heineken N.V.
 Hilton Food Group plc
 IMC S.A.
 InterParfums SA
 Jerónimo Martins, SGPS, S
 Karelia Tobacco Company I
 Kernel Holding S.A.
 Kerry Group plc
 Koninklijke Ahold Delhaiz
 Kras d.d.
 Kri Kri S.A.
 Kulmbacher Brauerei Aktie
 KWS Saat SE
 L'Oréal S.A.
 La Doria SpA
 Lanson-BCC
 AS Latvijas balzams
 Laurent-Perrier S.A.
 AB Linas Agro Group
 Lotus Bakeries NV
 Loulis Mills S.A.
 Makarony Polskie S.A.
 MARR S.p.A.
 McBride plc
 Midsona AB (publ)
 Wm Morrison Supermarkets
 M.P. Evans Group plc
 Nichols plc
 Olvi Oyj
 Origin Enterprises plc
 Ottakringer Getränke AG
 Ovostar Union N.V.
 Parmalat S.p.A.
 Pernod Ricard SA
 Philip Morris CR a.s.
 Produce Investments plc
 PZ Cussons Plc
 Raisio plc

Real Good Food plc
 Reckitt Benckiser Group p
 Rémy Cointreau SA
 Rokiskio Suris AB
 S.C. Ropharma S.A.
 Royal Unibrew A/S
 Sabeton SA
 J Sainsbury plc
 Sapmer SA
 Saponia d.d.
 Savencia SA
 Schloss Wachenheim AG
 SIPEF NV
 Skåne-möllan AB (publ)
 Sligro Food Group N.V.
 Socfinasia S.A.
 Société de Services,de Pa
 Stelios Kanakis Industria
 Südwestdeutsche Salzwerte
 Südzucker AG
 Suominen Oyj
 Swallowfield plc
 Tallinna Kaubamaja Grupp
 Tate & Lyle plc
 Ter Beke NV
 Tipiak Soci  t   Anonyme
 Total Produce plc
 Unilever PLC
 Valsoia SpA
 Vilmorin & Cie SA
 Viscofan, S.A.
 Vranken-Pommery Monopole
 WASGAU Produktions & Hand
 Wawel S.A.
 Koninklijke Wessanen N.V.
 Wynnstay Group plc
 Zaklady Miesne Henryk Kan
 AB Zemaitijos pienas
 Zaklady Tluszczowe Kruszw

GICS 3010

Amsterdam Commodities N.V
 Axfood AB (publ)
 Carrefour SA
 Casino, Guichard-Perracho
 Etn. Fr. Colruyt NV
 Distribuidora Internacion
 Emperia Holding S.A.
 Farmaceutica REMEDIA S.A.
 Hawesko Holding Aktienges
 Jerónimo Martins, SGPS, S
 Koninklijke Ahold Delhaiz
 MARR S.p.A.
 Wm Morrison Supermarkets
 S.C. Ropharma S.A.
 J Sainsbury plc
 Sligro Food Group N.V.
 Stelios Kanakis Industria
 Tallinna Kaubamaja Grupp
 Total Produce plc
 WASGAU Produktions & Hand

GICS 3020

AAK AB (publ.)
 AdVini S.A.
 AGRANA Beteiligungs-Aktie
 Alkis H. Hadjikyriacos
 Ambra S.A.
 Anglo-Eastern Plantations
 Anheuser-Busch InBev SA/N
 Anpario plc
 Associated British Foods
 ASTARTA Holding N.V.
 Atria Oyj
 Auga Group AB
 Barón de Ley, S.A.
 A.G. BARR p.l.c.
 Bodegas Riojanas, S.A.
 Bonduelle SA
 British American Tobacco
 Britvic Plc
 BT Holding
 C&C Group plc
 Camellia PLC
 Carlsberg A/S
 Carr's Group plc
 Centrale del Latte d'Ital
 Cloetta AB (publ)
 Colian Holding S.A.
 Cranswick plc
 Dairy Crest Group plc
 Davide Campari-Milano S.p
 Devro plc
 Diageo plc
 Ebro Foods, S.A.
 Finsbury Food Group Plc
 Fleury Michon SA
 Fromageries Bel SA
 FRoSTA Aktiengesellschaft
 Gobarto S.A.
 Greencore Group plc
 Greenyard NV
 L.D.C. S.A.
 Grupa Zywiec S.A.
 Harboes Bryggeri A/S
 Heineken N.V.
 Hilton Food Group plc
 IMC S.A.
 Karelia Tobacco Company I
 Kernel Holding S.A.
 Kerry Group plc
 Kras d.d.
 Kri Kri S.A.
 Kulmbacher Brauerei Aktie
 KWS Saat SE
 La Doria SpA
 Lanson-BCC
 AS Latvijas balzams
 Laurent-Perrier S.A.
 AB Linas Agro Group
 Lotus Bakeries NV
 Loulis Mills S.A.

Makarony Polskie S.A.
M.P. Evans Group plc
Nichols plc
Olvi Oyj
Origin Enterprises plc
Ottakringer Getränke AG
Ovostar Union N.V.
Parmalat S.p.A.
Pernod Ricard SA
Philip Morris CR a.s.
Produce Investments plc
Raisio plc
Real Good Food plc
Rémy Cointreau SA
Rokiskio Suris AB
Royal Unibrew A/S
Sabeton SA
Sapmer SA
Savencia SA
Schloss Wachenheim AG
SIPEF NV
Skåne-möllan AB (publ)
Socfinasia S.A.
Société de Services,de Pa
Südwestdeutsche Salzwerte
Südzucker AG
Tate & Lyle plc
Ter Beke NV
Tipiak Société Anonyme
Valsoia SpA
Vilmorin & Cie SA
Viscofan, S.A.
Vranken-Pommery Monopole
Wawel S.A.
Koninklijke Wessanen N.V.
Wynnstay Group plc
Zakłady Miesne Henryk Kan
AB Zemaitijos pienas
Zakłady Tluszczowe Kruszw

GICS 302010

AdVini S.A.
Ambra S.A.
Anheuser-Busch InBev SA/N
Barón de Ley, S.A.
A.G. BARR p.l.c.
Bodegas Riojanas, S.A.
Britvic Plc
C&C Group plc
Carlsberg A/S
Davide Campari-Milano S.p
Diageo plc
Grupa Zywiec S.A.
Harboes Bryggeri A/S
Heineken N.V.
Kulmbacher Brauerei Aktie
Lanson-BCC
AS Latvijas balzams
Laurent-Perrier S.A.
Nichols plc
Olvi Oyj

Ottakringer Getränke AG
Pernod Ricard SA
Rémy Cointreau SA
Royal Unibrew A/S
Schloss Wachenheim AG
Société de Services,de Pa
Vranken-Pommery Monopole

GICS 302020

AAK AB (publ.)
AGRANA Beteiligungs-Aktie
Alkis H. Hadjikyriacos
Anglo-Eastern Plantations
Anpario plc
Associated British Foods
ASTARTA Holding N.V.
Atria Oyj
Auga Group AB
Bonduelle SA
Camellia PLC
Carr's Group plc
Centrale del Latte d'Ital
Cloetta AB (publ)
Colian Holding S.A.
Cranswick plc
Dairy Crest Group plc
Devro plc
Ebro Foods, S.A.
Finsbury Food Group Plc
Fleury Michon SA
Fromageries Bel SA
FRoSTA Aktiengesellschaft
Gobarto S.A.
Greencore Group plc
Greenyard NV
L.D.C. S.A.
Hilton Food Group plc
IMC S.A.
Kernel Holding S.A.
Kerry Group plc
Kras d.d.
Kri Kri S.A.
KWS Saat SE
La Doria SpA
AB Linas Agro Group
Lotus Bakeries NV
Loulis Mills S.A.
Makarony Polskie S.A.
M.P. Evans Group plc
Origin Enterprises plc
Ovostar Union N.V.
Parmalat S.p.A.
Produce Investments plc
Raisio plc
Real Good Food plc
Rokiskio Suris AB
Sabeton SA
Sapmer SA
Savencia SA
SIPEF NV
Skåne-möllan AB (publ)

Socfinasia S.A.
Südwestdeutsche Salzwerte
Südzucker AG
Tate & Lyle plc
Ter Beke NV
Tipiak Société Anonyme
Valsoia SpA
Vilmorin & Cie SA
Viscofan, S.A.
Wawel S.A.
Koninklijke Wessanen N.V.
Wynnstay Group plc
Zakłady Miesne Henryk Kan
AB Zemaitijos pienas
Zakłady Tluszczowe Kruszw

GICS 3030

Beiersdorf Aktiengesellsc
Enervit S.p.A.
Gr. Sarantis S.A.
Harper Hygienics S.A.
InterParfums SA
L'Oréal S.A.
McBride plc
Midsona AB (publ)
PZ Cussons Plc
Reckitt Benckiser Group p
Saponia d.d.
Suominen Oyj
Swallowfield plc
Unilever PLC

GICS 303020

Beiersdorf Aktiengesellsc
Enervit S.p.A.
Harper Hygienics S.A.
InterParfums SA
L'Oréal S.A.
Midsona AB (publ)
Swallowfield plc
Unilever PLC

GICS 35

Abcam Plc
Advanced Medical Solution
ALK-Abelló A/S
Alliance Pharma plc
Almirall, S.A.
Ambu A/S
Amplifon SpA
Animalcare Group plc
Antibiotice S.A.
AstraZeneca PLC
Bastide Le Confort Médica
BioGaia AB
bioMérieux S.A.
Bioquell plc
Biotage AB
Biotest Aktiengesellschaf
Boiron SA
Boule Diagnostics AB (pub

BTG plc
 CareTech Holdings PLC
 Carl Zeiss Meditec AG
 CellaVision AB (publ)
 Centrum Medyczne ENEL-MED
 Clínica Baviera, S.A.
 Clinigen Group Plc
 Coloplast A/S
 CompuGroup Medical Societ
 Consort Medical plc
 ContextVision AB (publ)
 Cosmo Pharmaceuticals N.V
 Craneware plc
 CVS Group plc
 Dechra Pharmaceuticals pl
 Dedicare AB
 DiaSorin S.p.A.
 Eckert & Ziegler Strahlen
 Eckert & Ziegler BEBIG S.
 ECO Animal Health Group p
 Eifelhöhen-Klinik AG
 Elekta AB (publ)
 Elos Medtech AB (publ)
 EMIS Group plc
 Essilor Int'l Société Ano
 EuKedos S.p.A.
 Eurofins Scientific SE
 Euromedis Groupe
 Evotec AG
 Faes Farma, S.A.
 Feelgood Svenska AB (publ)
 Fresenius Medical Care AG
 Fresenius SE & Co. KGaA
 Richter Gedeon Vegyészeti
 Geratherm Medical AG
 Getinge AB
 GlaxoSmithKline plc
 Grifols, S.A.
 AS Grindeks
 Guerbet SA
 HAEMATO AG
 IASO S.A.
 Ion Beam Applications SA
 Inspiration Healthcare Gr
 Instem plc
 Ipsen S.A.
 Koninklijke Philips N.V.
 Korian
 Krka, d. d.
 Laboratorios Farmaceutico
 LNA Santé SA
 Medicalgorithmics S.A.
 MEDICLIN Aktiengesellscha
 Medika d.d.
 Merck Kommanditgesellschaft
 MeVis Medical Solutions A
 NEUCA SA
 Nexus AG
 NGS Group AB (publ)
 NMC Health Plc
 Novo Nordisk A/S

Omega Diagnostics Group P
 Oriola Oyj
 Orion Oyj
 ORPEA Société Anonyme
 Paul Hartmann AG
 PCAS SA
 Pharmagest Interactive SA
 Polmed S.A.
 Prim, S.A.
 Probi AB (publ)
 Recordati Industria Chimi
 Revenio Group Oyj
 RHÖN-KLINIKUM Aktiengesel
 Sanofi
 Sartorius Stedim Biotech
 Sectra AB (publ)
 Servizi Italia S.p.A.
 Smith & Nephew plc
 Sopharma AD
 Sopharma Trading AD
 STADA Arzneimittel Aktien
 Stallergenes Greer Plc
 STRATEC Biomedical AG
 Swedish Orphan Biovitrum
 Synektik Spółka Akcyjna
 Tristel Plc
 UCB SA
 UDG Healthcare plc
 Vetoquinol SA
 Virbac SA
 VITA 34 AG
 Vitrolife AB (publ)
 Voxel S.A.
 William Demant Holding A/
 Zentiva S.A.

GICS 3510

Advanced Medical Solution
 Ambu A/S
 Amplifon SpA
 Bastide Le Confort Médica
 bioMérieux S.A.
 Bioquell plc
 Boule Diagnostics AB (pub
 CareTech Holdings PLC
 Carl Zeiss Meditec AG
 CellaVision AB (publ)
 Centrum Medyczne ENEL-MED
 Clínica Baviera, S.A.
 Coloplast A/S
 CompuGroup Medical Societ
 Consort Medical plc
 ContextVision AB (publ)
 Craneware plc
 CVS Group plc
 Dedicare AB
 DiaSorin S.p.A.
 Eckert & Ziegler Strahlen
 Eckert & Ziegler BEBIG S.
 Eifelhöhen-Klinik AG
 Elekta AB (publ)

Elos Medtech AB (publ)
 EMIS Group plc
 Essilor Int'l Société Ano
 EuKedos S.p.A.
 Euromedis Groupe
 Feelgood Svenska AB (publ)
 Fresenius Medical Care AG
 Fresenius SE & Co. KGaA
 Geratherm Medical AG
 Getinge AB
 Guerbet SA
 HAEMATO AG
 IASO S.A.
 Ion Beam Applications SA
 Inspiration Healthcare Gr
 Instem plc
 Koninklijke Philips N.V.
 Korian
 LNA Santé SA
 Medicalgorithmics S.A.
 MEDICLIN Aktiengesellscha
 Medika d.d.
 MeVis Medical Solutions A
 NEUCA SA
 Nexus AG
 NGS Group AB (publ)
 NMC Health Plc
 Omega Diagnostics Group P
 Oriola Oyj
 ORPEA Société Anonyme
 Paul Hartmann AG
 Pharmagest Interactive SA
 Polmed S.A.
 Prim, S.A.
 Revenio Group Oyj
 RHÖN-KLINIKUM Aktiengesel
 Sectra AB (publ)
 Servizi Italia S.p.A.
 Smith & Nephew plc
 Sopharma Trading AD
 STRATEC Biomedical AG
 Synektik Spółka Akcyjna
 Tristel Plc
 UDG Healthcare plc
 VITA 34 AG
 Voxel S.A.
 William Demant Holding A/

GICS 351010

Advanced Medical Solution
 Ambu A/S
 bioMérieux S.A.
 Bioquell plc
 Boule Diagnostics AB (pub
 Carl Zeiss Meditec AG
 CellaVision AB (publ)
 Coloplast A/S
 DiaSorin S.p.A.
 Eckert & Ziegler Strahlen
 Eckert & Ziegler BEBIG S.
 Elekta AB (publ)

Elos Medtech AB (publ)
Essilor Int'l Société Ano
Euromedis Groupe
Geratherm Medical AG
Guerbet SA
Ion Beam Applications SA
Inspiration Healthcare Gr
Koninklijke Philips N.V.
Medicalgorithmics S.A.
Omega Diagnostics Group P
Paul Hartmann AG
Prim, S.A.
Revenio Group Oyj
Sectra AB (publ)
Smith & Nephew plc
STRATEC Biomedical AG
Tristel Plc
William Demant Holding A/

GICS 351020

Amplifon SpA
Bastide Le Confort Médica
CareTech Holdings PLC
Centrum Medyczne ENEL-MED
Clínica Baviera, S.A.
CVS Group plc
Dedicare AB
Eifelhöhen-Klinik AG
EuKedos S.p.A.
Feelgood Svenska AB (publ)
Fresenius Medical Care AG
Fresenius SE & Co. KGaA
HAEMATO AG
IASO S.A.
Korian
LNA Santé SA
MEDICLIN Aktiengesellscha
Medika d.d.
NEUCA SA
NGS Group AB (publ)
NMC Health Plc
Oriola Oyj
ORPEA Société Anonyme
Polmed S.A.
RHÖN-KLINIKUM Aktiengesel
Servizi Italia S.p.A.
Sopharma Trading AD
VITA 34 AG
Voxel S.A.

GICS 351030

CompuGroup Medical Societ
ContextVision AB (publ)
Craneware plc
EMIS Group plc
Instem plc
MeVis Medical Solutions A
Nexus AG
Pharmagest Interactive SA
Synektik Spółka Akcyjna

GICS 3520

Abcam Plc
ALK-Abelló A/S
Alliance Pharma plc
Almirall, S.A.
Antibiotice S.A.
AstraZeneca PLC
BioGaia AB
Biotage AB
Biotest Aktiengesellschaft
Boiron SA
BTG plc
Cosmo Pharmaceuticals N.V
Dechra Pharmaceuticals pl
ECO Animal Health Group p
Eurofins Scientific SE
Evotec AG
Faes Farma, S.A.
Richter Gedeon Vegyészeti
GlaxoSmithKline plc
Grifols, S.A.
AS Grindeks
Ipsen S.A.
Krka, d. d.
Laboratorios Farmaceutico
Merck Kommanditgesellscha
Novo Nordisk A/S
Orion Oyj
PCAS SA
Probi AB (publ)
Recordati Industria Chimi
Sanofi
Sartorius Stedim Biotech
STADA Arzneimittel Aktien
Stallergenes Greer Plc
Swedish Orphan Biovitrum
UCB SA
Vetoquinol SA
Virbac SA
Vitrolife AB (publ)
Zentiva S.A.

GICS 352010

Abcam Plc
BioGaia AB
Biotest Aktiengesellschaft
Grifols, S.A.
Probi AB (publ)
Swedish Orphan Biovitrum
Vitrolife AB (publ)

GICS 352020

ALK-Abelló A/S
Alliance Pharma plc
Almirall, S.A.
Antibiotice S.A.
AstraZeneca PLC
Boiron SA
BTG plc
Cosmo Pharmaceuticals N.V
Dechra Pharmaceuticals pl

ECO Animal Health Group p
Faes Farma, S.A.
Richter Gedeon Vegyészeti
GlaxoSmithKline plc
AS Grindeks
Ipsen S.A.
Krka, d. d.
Laboratorios Farmaceutico
Merck Kommanditgesellscha
Novo Nordisk A/S
Orion Oyj
Recordati Industria Chimi
Sanofi
STADA Arzneimittel Aktien
Stallergenes Greer Plc
UCB SA
Vetoquinol SA
Virbac SA
Zentiva S.A.

GICS 352030

Biotage AB
Eurofins Scientific SE
Evotec AG
PCAS SA
Sartorius Stedim Biotech

GICS 401010

Aktia Bank p.l.c.
Alior Bank S.A.
Banco BPI, S.A.
Banco de Sabadell, S.A.
Banco di Desio e della Br
Banco di Sardegna S.p.A.
Banco Santander, S.A.
Bank BGZ BNP Paribas S.A.
Bank Handlowy w Warszawie
Bank Millennium S.A.
Bank of Georgia Group PLC
Bank Zachodni WBK S.A.
Banco Bilbao Vizcaya Arge
BPER Banca S.p.A.
BRD - Groupe Société Géné
Caisse Reg. de Credit Agr
Caisse régionale de Crédi
CaixaBank, S.A.
Central Cooperative Bank
comdirect bank Aktiengese
Caisse Régionale de Crédi
Caisse Régionale de Crédi
Caisse Régionale De Crédi
Caisse Régionale Crédi A
Caisse régionale de Crédi
Caisse Régionale de Crédi
Caisse Régionale de Crédi
Caisse Régionale de Crédi
Caisse Régionale de Crédi
Crédit Agricole S.A.
Credito Emiliano S.p.A.
First Investment Bank AD

Getin Holding S.A.
 Getin Noble Bank S.A.
 HSBC Trinkaus & Burkhardt
 ING Bank Śląski S.A.
 ING Groep N.V.
 Jyske Bank A/S
 KBC Group NV
 Komerční banka, a.s.
 Lloyds Banking Group plc
 Lollands Bank A/S
 mBank S.A.
 Nordfyns Bank A/S
 OTP Bank Plc.
 Powszechna Kasa Oszczedno
 Privredna banka Zagreb dd
 Raiffeisen Bank Internati
 Secure Trust Bank Plc
 Spar Nord Bank A/S
 Standard Chartered PLC
 Svenska Handelsbanken AB
 Swedbank AB (publ)
 Sydbank A/S
 Totalbanken A/S
 Van Lanschot Kempen N.V.
 Vseobecná úverová banka,

Alpha Real Trust Limited
 Altamir SCA
 Ashmore Group PLC
 Avanza Bank Holding AB (p
 Azimut Holding S.p.A.
 The Baillie Gifford Japan
 Baillie Gifford Shin Nipp
 SIF Banat-Crisana
 Banca Finnat Euramerica S
 Banca Generali S.p.A.
 The Bankers Investment Tr
 BBGI Sicav S.A.
 BinckBank N.V.
 BlackRock Greater Europe
 BlackRock Income and Grow
 Bolsas y Mercados Españ.,
 B.P. Marsh & Partners PLC
 Brewin Dolphin Holdings P
 Brooks Macdonald Group pl
 The Brunner Investment Tr
 Bucharest Stock Exchange
 Bure Equity AB
 C-QUADRAT Investment AG
 Caledonia Investments plc
 Capital Gearing Trust p.l
 Capital Partners S.A.
 CapMan Oyj
 Catella AB (publ)
 Cenkos Securities plc
 Charles Stanley Group plc
 Compagnie Lebon
 The City of London Invest
 Deutsche Balaton AG
 Deutsche Beteiligungs AG
 Deutsche Börse Aktiengese
 Electra Private Equity PL
 EP Global Opportunities T
 eQ Oyj
 F&C Capital and Income In
 F&C Private Equity Trust
 F&C Global Smaller Compan
 Fidelity Asian Values PLC
 Fidelity Investment Trust
 Fidelity Japan Trust PLC
 Fidelity Investment Trust
 FinLab AG
 Finsbury Growth & Income
 FinTech Group AG
 First Capital S.p.A.
 Foreign & Colonial Invest
 Frenkel Topping Group Plc
 GIMV NV
 Hargreaves Lansdown plc
 Hellenic Exchanges
 Henderson European Focus
 Henderson EuroTrust plc
 Henderson High Income Tru
 Henderson Opportunities T
 Herald Investment Trust P
 HICL Infrastructure Compa
 Highbridge Multi-Strategy

ICG Enterprise Trust PLC
 IG Group Holdings plc
 Impax Asset Management Gr
 Impax Environmental Marke
 The Independent Investmen
 India Capital Growth Fund
 Intermediate Capital Grou
 International Public Part
 Invesco Perpetual Enhance
 INVESCO Perpetual UK Smal
 IP Group Plc
 IPOPEMA Securities Spółka
 Jarvis Securities plc
 JPMorgan Chinese Investme
 JPMorgan Claverhouse Inve
 JPMorgan American Investm
 JPMorgan Global Growth &
 JPMorgan Japan Smaller Co
 JPMorgan US Smaller Compa
 Jupiter European Opportun
 Jupiter Fund Management P
 Jupiter US Smaller Compan
 KAS BANK N.V.
 Keystone Investment Trust
 The Law Debenture Corpora
 IDI
 Lighthouse Group plc
 Lindsell Train Investment
 Liontrust Asset Managemen
 Lowland Investment Compan
 Luxempart S.A.
 M.W. Trade Spółka Akcyjna
 Majedie Investments PLC
 Mangold Fondkommission AB
 Martin Currie Global Port
 Mattioli Woods PLC
 Mid Wynd International In
 Miton Global Opportunitie
 Miton Group plc
 The Monks Investment Trus
 Natixis S.A.
 NAXS AB (publ)
 NEX Group plc
 The North American Income
 North Atlantic Smaller Co
 Numis Corporation Plc
 OVB Holding AG
 Pacific Horizon Investmen
 Pantheon International PL
 PEH Wertpapier AG
 Polar Capital Holdings pl
 Polar Capital Technology
 Quest for Growth Belgium
 Rathbone Brothers Plc
 Allianz Technology Trust
 Record plc
 Renta 4 Banco, S.A.
 RIT Capital Partners plc
 Rothschild & Co SCA
 Schroder Income Growth Fu
 Schroder Japan Growth Fun

GICS 402010

ABC Arbitrage SA
 Ackermans & Van Haaren NV
 Albis Leasing AG
 Banca IFIS S.p.A.
 Compagnie du Bois Sauvage
 Creades AB
 Eurazeo SE
 Euro-Tax.pl S.A.
 Exor N.V.
 FORIS AG
 Grenke AG
 Groupe Bruxelles Lambert
 Hypoport AG
 IFG Group plc
 Aktiebolaget Industrivärd
 Investor AB
 Investment AB Öresund (pu
 Pragma Faktoring Spolka A
 Sofina Soci t  Anonyme
 Standard Life Aberdeen pl
 Svolder AB

GICS 402020

Fast Finance S.A.
 International Personal Fi
 KRUK Spółka Akcyjna
 Provident Financial plc
 S&U plc

GICS 402030

3i Group plc
 Aberforth Smaller Compani
 Alantra Partners, S.A.
 Alliance Trust PLC

Schroder UK Mid Cap Fund
 Schroders plc
 The Scottish American Inv
 The Scottish Investment T
 Scottish Mortgage Investm
 Seneca Global Income & Gr
 Societatea de Investitii
 SIF Transilvania S.A.
 Societatea de Investitii
 Chelverton UK Dividend Tr
 St. James's Place plc
 Standard Life Equity Inco
 SL Private Equity
 Standard Life UK Smaller
 Tamburi Investment Partne
 The Mercantile Investment
 TR European Growth Trust
 TR Property Investment Tr
 AB Traction
 Troy Income & Growth Trus
 Union Financiere de Franc
 Unternehmens Invest AG
 Value and Income Trust pl
 VIEL & Cie
 Witan Investment Trust pl

Topdanmark A/S
 Tryg A/S
 Unipol Gruppo S.p.A.
 UnipolSai Assicurazioni S
 UNIQA Insurance Group AG
 Vienna Insurance Group AG
 Vittoria Assicurazioni S.
 Votum S.A.
 Wüstenrot & Württembergis
 Zavarovalnica Triglav, d.

CENIT Aktiengesellschaft
 Cliq Digital AG
 Columbus A/S
 Comarch S.A.
 Comp S.A.
 Computacenter plc
 Concurrent Technologies p
 Consilium AB (publ)
 Ctac N.V.
 D4t4 Solutions Plc
 Dalet S.A.
 Dassault Systèmes SE
 DATA MODUL Aktiengesellsc
 DATAGROUP SE
 Datalex plc
 Datalogic S.p.A.
 Devoteam SA
 Dialog Semiconductor Plc
 Diebold Nixdorf Aktienges
 Digia Oyj
 Digital Bros S.p.A.
 Dillistone Group Plc
 discoverIE Group plc
 Dom Security
 Doro AB (publ)
 dotDigital Group Plc
 EASY SOFTWARE AG
 Eckoh Plc
 Econocom Group SE
 Electrocomponents plc
 ELMOS Semiconductor AG
 Zaklady Urzadzen Komputer
 Enea AB (publ)
 Ericsson Nikola Tesla d.d
 ESI Group SA
 Esprinet S.p.A.
 EuroInvestor.com A/S
 Eurotel S.A.
 Evolis SA
 EVS Broadcast Equipment S
 eWork Group AB (publ)
 Exprivia S.p.A.
 Fabasoft AG
 Fidessa group plc
 Fingerprint Cards AB (pub
 First Derivatives plc
 First Sensor AG
 Formpipe Software AB
 Fortec Elektronik AG
 G5 Entertainment AB (publ)
 GB Group plc
 Generic Sweden AB
 GFI Informatique SA
 GFT Technologies SE
 GK Software SE
 Gooch & Housego PLC
 Gresham Technologies plc
 Neurones S.A.
 Groupe Open
 Guillemot Corporation S.A
 KPS AG

GICS 45

AB S.A.
 ABC Data S.A.
 Acando AB (publ.)
 accesso Technology Group
 ACTIA Group S.A.
 Addnode Group AB (publ)
 adesso AG
 ADVA Optical Networking S
 Ailleron S.A.
 All for One Steeb AG
 Allgeier SE
 Alten SA
 Altran Technologies S.A.
 Amadeus IT Group, S.A.
 Amino Technologies plc
 ams AG
 AND International Publish
 Apator S.A.
 Aplsens S.A.
 ASBISc Enterprises Plc
 ASM International NV
 ASML Holding N.V.
 Asseco Business Solutions
 Asseco Poland S.A.
 Asseco South Eastern Euro
 AT & S Aktiengesellschaft
 Atende S.A.
 ATOSS Software AG
 Aubay Société Anonyme
 auFeminin.com
 AURES Technologies S.A.
 Avensia AB (publ)
 AVEVA Group plc
 Axis AB (publ)
 Axway Software SA
 B+S Bankssysteme Aktienges
 Barco NV
 Basler Aktiengesellschaft
 Be Think, Solve, Execute
 Beijer Electronics Group
 BE Semiconductor Industri
 Beta Systems Software AG
 Bittium Oyj
 Blancco Technology Group
 CAD IT S.p.A.
 Cancom SE
 Capgemini SE
 cBrain A/S
 CD Projekt S.A.

GICS 403010

Admiral Group plc
 Aegon N.V.
 ageas SA/NV
 Allianz SE
 Alm. Brand A/S
 April SA
 Assicurazioni Generali S.
 Aviva plc
 AXA SA
 Charles Taylor plc
 Chesnara plc
 CIG Pannónia Életbiztosít
 CNP Assurances SA
 Direct Line Insurance Gro
 esure Group plc
 Europejskie Centrum Odszk
 Euler Hermes Group SA
 European Reliance Gen. In
 FBD Holdings plc
 Grupo Catalana Occidente,
 Hannover Rück SE
 Jardine Lloyd Thompson Gr
 Legal & General Group Plc
 Mapfre, S.A.
 Münchener Rückversicherun
 Personal Group Holdings P
 Powszechny Zaklad Ubezpie
 Pozarovalnica Sava, d.d
 Prudential plc
 RSA Insurance Group plc
 Sampo Oyj
 SCOR SE
 Società Cattolica di Assi
 Talanx Aktiengesellschaft

Halma plc
Hexagon AB (publ)
HiQ International AB (publ)
HMS Networks AB (publ)
HolidayCheck Group AG
IAR Systems Group AB (publ)
ICT Group N.V.
IDOX plc
IGE+XAO Group
IndigoVision Group plc
Infineon Technologies AG
Infotel SA
Ingenico Group - GCS
init innovation in traffi
Innofactor Plc
InterCard AG Informations
Introl S.A.
INVISIO Communications AB
InVision Aktiengesellscha
iomart Group plc
Isra Vision AG
IT Link SA
Itesoft S.A.
ITS Group
IVU Traffic Technologies
Jenoptik AG
K2 Internet S.A.
K3 Business Technology Gr
Kapsch TrafficCom AG
Keyrus S.A.
Keyware Technologies NV
Knowit AB (publ)
Lacroix SA
Lagercrantz Group AB (pub
Laird PLC
Lectra SA
Linedata Services S.A.
Logicom Public Limited
LPKF Laser & Electronics
LS telcom AG
Lumibird
Melexis NV
Mensch und Maschine Softw
Micro Systemation AB (pub
Microgen plc
Mobile Streams Plc
Moneysupermarket.com Grou
Mycronic AB (publ)
NCC Group plc
N.V. Nederlandsche Appara
Nemetschek SE
Neopost S.A.
Net Insight AB (publ)
Netcall plc
NetEnt AB (publ)
Netgem SA
Neurosoft Software Produc
Neways Electronics Intern
Nice S.p.A.
NOTE AB (publ)
Novabase SGPS SA

Novotek AB
NTT System S.A.
Opus Group AB (publ)
ORBIS AG
Oxford Metrics plc
Pennant International Gro
Petards Group plc
Precio Fishbone AB (publ)
Pricer AB (publ)
Proact IT Group AB (publ)
Proactis Holdings Plc
Prodware
Profile Systems & Softwar
PSI Software AG
RealDolmen NV
Renishaw plc
Reply S.p.A.
RIB Software SE
RM plc
RS2 Software p.l.c.
RTX A/S
S&T AG
S4E S.A.
SAES Getters S.p.A.
A/S SAF Tehnika
The Sage Group plc
Sanderson Group Plc
SAP SE
Scanfil Oyj
Schweizer Electronic AG
SCISYS PLC
secunet Security Networks
SII (Société pour l'Infor
Siili Solutions Oyj
SimCorp A/S
Simple S.A.
Smart Metering Systems Pl
SNP Schneider-Neureither
Sodifrance SA
Soft Computing
Softing AG
Software Aktiengesellscha
Solid State plc
Sonel S.A.
Sopheon plc
Sopra Steria Group
Spectris plc
Spirent Communications pl
SQLi
SRT Marine Systems plc
Stadium Group plc
Starbreeze AB (publ)
SÜSS MicroTec SE
Sword Group S.E.
Synectics plc
Telefonaktiebolaget LM Er
Teleste Corporation
Tessi SA
Tieto Oyj
Tracsis plc
Trakm8 Holdings PLC

TT Electronics plc
TXT e-solutions S.p.A.
Umanis SA
United Internet AG
USU Software AG
Vaisala Oyj
Vianet Group plc
Videlio SA
Viscom AG
Vitec Software Group AB (
WASKO Spółka Akcyjna
Wavestone SA
Xaar plc
Xing SE
Zenitel NV
Zytronic plc

GICS 4510

Acando AB (publ.)
Addnode Group AB (publ)
adesso AG
Ailleron S.A.
All for One Steeb AG
Allgeier SE
Alten SA
Altran Technologies S.A.
Amadeus IT Group, S.A.
AND International Publish
Asseco Business Solutions
Asseco Poland S.A.
Atende S.A.
ATOSS Software AG
Aubay Société Anonyme
auFeminin.com
Avensia AB (publ)
AVEVA Group plc
Axway Software SA
B+S Bankssysteme Aktienges
Be Think, Solve, Execute
Beta Systems Software AG
Bittium Oyj
Blancoo Technology Group
CAD IT S.p.A.
Cancom SE
Capgemini SE
cBrain A/S
CD Projekt S.A.
CENIT Aktiengesellschaft
Cliq Digital AG
Columbus A/S
Comarch S.A.
Comp S.A.
Computacenter plc
Ctac N.V.
D4t4 Solutions Plc
Dalet S.A.
Dassault Systèmes SE
DATAGROUP SE
Datalex plc
Devoteam SA
Digia Oyj

Digital Bros S.p.A.
Dillistone Group Plc
dotDigital Group Plc
EASY SOFTWARE AG
Eckoh Plc
Econocom Group SE
Enea AB (publ)
ESI Group SA
EuroInvestor.com A/S
eWork Group AB (publ)
Exprivia S.p.A.
Fabasoft AG
Fidessa group plc
First Derivatives plc
Formpipe Software AB
G5 Entertainment AB (publ)
GB Group plc
Generic Sweden AB
GFI Informatique SA
GFT Technologies SE
GK Software SE
Gresham Technologies plc
Neurones S.A.
Groupe Open
KPS AG
HiQ International AB (publ)
HolidayCheck Group AG
IAR Systems Group AB (publ)
ICT Group N.V.
IDOX plc
IGE+XAO Group
Infotel SA
init innovation in traffi
Innofactor Plc
InVision Aktiengesellscha
iomart Group plc
IT Link SA
Itesoft S.A.
ITS Group
IVU Traffic Technologies
K2 Internet S.A.
K3 Business Technology Gr
Keyrus S.A.
Keyware Technologies NV
Knowit AB (publ)
Lectra SA
Linedata Services S.A.
LS telcom AG
Mensch und Maschine Softw
Micro Systemation AB (publ)
Microgen plc
Mobile Streams Plc
Moneysupermarket.com Grou
NCC Group plc
Nemetschek SE
Netcall plc
NetEnt AB (publ)
Netgem SA
Neurosoft Software Produc
Novabase SGPS SA
Novotek AB

ORBIS AG
Oxford Metrics plc
Pennant International Gro
Petards Group plc
Precio Fishbone AB (publ)
Proact IT Group AB (publ)
Proactis Holdings Plc
Proware
Profile Systems & Softwar
PSI Software AG
RealDolmen NV
Reply S.p.A.
RIB Software SE
RS2 Software p.l.c.
The Sage Group plc
Sanderson Group Plc
SAP SE
SCISYS PLC
secunet Security Networks
SII (Société pour l'Infor
Siili Solutions Oyj
SimCorp A/S
Simple S.A.
SNP Schneider-Neureither
Sodifrance SA
Soft Computing
Software Aktiengesellscha
Sopheon plc
Sopra Steria Group
SQLi
Starbreeze AB (publ)
Sword Group S.E.
Tessi SA
Tieto Oyj
Tracsis plc
TXT e-solutions S.p.A.
Umanis SA
United Internet AG
USU Software AG
Vitec Software Group AB (
WASKO Spółka Akcyjna
Wavestone SA
Xing SE

GICS 451010

auFeminin.com
Avensia AB (publ)
B+S Bankssysteme Aktienges
Datalex plc
EuroInvestor.com A/S
HolidayCheck Group AG
Innofactor Plc
iomart Group plc
K2 Internet S.A.
Mobile Streams Plc
Moneysupermarket.com Grou
NetEnt AB (publ)
Netgem SA
SQLi
United Internet AG
Xing SE

GICS 451020

Acando AB (publ.)
Addnode Group AB (publ)
adesso AG
All for One Steeb AG
Allgeier SE
Alten SA
Altran Technologies S.A.
Amadeus IT Group, S.A.
Atende S.A.
ATOSS Software AG
Aubay Société Anonyme
Be Think, Solve, Execute
Cancom SE
Capgemini SE
Columbus A/S
Comp S.A.
Computacenter plc
Ctac N.V.
D4t4 Solutions Plc
DATAGROUP SE
Devoteam SA
Digia Oyj
Eckoh Plc
Econocom Group SE
Enea AB (publ)
eWork Group AB (publ)
Generic Sweden AB
GFI Informatique SA
GFT Technologies SE
Neurones S.A.
Groupe Open
KPS AG
HiQ International AB (publ)
Infotel SA
ITS Group
Keyrus S.A.
Keyware Technologies NV
Knowit AB (publ)
NCC Group plc
Novabase SGPS SA
Novotek AB
ORBIS AG
Precio Fishbone AB (publ)
Proact IT Group AB (publ)
Proware
Reply S.p.A.
Sanderson Group Plc
secunet Security Networks
SII (Société pour l'Infor
Siili Solutions Oyj
Simple S.A.
SNP Schneider-Neureither
Sodifrance SA
Soft Computing
Sopra Steria Group
Tessi SA
Tieto Oyj
Umanis SA
Wavestone SA

GICS 451030

Ailleron S.A.
 AND International Publish
 Asseco Business Solutions
 Asseco Poland S.A.
 AVEVA Group plc
 Beta Systems Software AG
 Bittium Oyj
 Blancco Technology Group
 CAD IT S.p.A.
 cBrain A/S
 CENIT Aktiengesellschaft
 Cliq Digital AG
 Dalet S.A.
 Dassault Systèmes SE
 Digital Bros S.p.A.
 Dillistone Group Plc
 dotDigital Group Plc
 EASY SOFTWARE AG
 ESI Group SA
 Exprivia S.p.A.
 Fabasoft AG
 Fidessa group plc
 Formpipe Software AB
 G5 Entertainment AB (publ)
 GB Group plc
 GK Software SE
 IAR Systems Group AB (publ)
 ICT Group N.V.
 IGE+XAO Group
 init innovation in traffi
 InVision Aktiengesellscha
 IT Link SA
 Itesoft S.A.
 IVU Traffic Technologies
 K3 Business Technology Gr
 Lectra SA
 Linedata Services S.A.
 Mensch und Maschine Softw
 Micro Systemation AB (publ)
 Microgen plc
 Nemetschek SE
 Netcall plc
 Oxford Metrics plc
 Pennant International Gro
 Petards Group plc
 Proactis Holdings Plc
 Profile Systems & Softwar
 PSI Software AG
 RIB Software SE
 RS2 Software p.l.c.
 The Sage Group plc
 SAP SE
 SimCorp A/S
 Software Aktiengesellscha
 Sopheon plc
 Starbreeze AB (publ)
 Tracsis plc
 TXT e-solutions S.p.A.
 USU Software AG
 Vitec Software Group AB (

WASKO Spółka Akcyjna

GICS 4520

AB S.A.
 ABC Data S.A.
 accesso Technology Group
 ACTIA Group S.A.
 ADVA Optical Networking S
 Amino Technologies plc
 Apator S.A.
 Aplsens S.A.
 ASBISc Enterprises Plc
 AT & S Aktiengesellschaft
 AURES Technologies S.A.
 Axis AB (publ)
 Barco NV
 Basler Aktiengesellschaft
 Beijer Electronics Group
 Concurrent Technologies p
 Consilium AB (publ)
 DATA MODUL Aktiengesellsc
 Datalogic S.p.A.
 Diebold Nixdorf Aktienges
 discoverIE Group plc
 Dom Security
 Doro AB (publ)
 Electrocomponents plc
 Zaklady Urzadzen Komputer
 Ericsson Nikola Tesla d.d
 Esprinet S.p.A.
 Eurotel S.A.
 EVS Broadcast Equipment S
 Fingerprint Cards AB (publ)
 Fortec Elektronik AG
 Gooch & Housego PLC
 Guillemot Corporation S.A
 Halma plc
 Hexagon AB (publ)
 HMS Networks AB (publ)
 IndigoVision Group plc
 Ingenico Group - GCS
 InterCard AG Informations
 Introl S.A.
 INVISIO Communications AB
 Isra Vision AG
 Kapsch TrafficCom AG
 Lacroix SA
 Lagercrantz Group AB (publ)
 Laird PLC
 Logicom Public Limited
 LPKF Laser & Electronics
 Lumibird
 Mycronic AB (publ)
 N.V. Nederlandsche Appara
 Neopost S.A.
 Net Insight AB (publ)
 Neways Electronics Intern
 Nice S.p.A.
 NOTE AB (publ)
 NTT System S.A.
 Opus Group AB (publ)

Pricer AB (publ)
 Renishaw plc
 RTX A/S
 S4E S.A.
 SAES Getters S.p.A.
 A/S SAF Tehnika
 Scanfil Oyj
 Schweizer Electronic AG
 Smart Metering Systems PI
 Solid State plc
 Sonel S.A.
 Spectris plc
 Spirent Communications pl
 SRT Marine Systems plc
 Stadium Group plc
 Trakm8 Holdings PLC
 TT Electronics plc
 Vaisala Oyj
 Vianet Group plc
 Videlio SA
 Viscom AG
 Xaar plc
 Zenitel NV
 Zytronic plc

GICS 452010

ADVA Optical Networking S
 Amino Technologies plc
 Ericsson Nikola Tesla d.d
 EVS Broadcast Equipment S
 INVISIO Communications AB
 Net Insight AB (publ)
 A/S SAF Tehnika
 SRT Marine Systems plc
 Trakm8 Holdings PLC
 Zenitel NV

GICS 452020

Concurrent Technologies p
 Diebold Nixdorf Aktienges
 Doro AB (publ)
 Guillemot Corporation S.A
 InterCard AG Informations
 Neopost S.A.
 NTT System S.A.
 Xaar plc

GICS 452030

AB S.A.
 ABC Data S.A.
 accesso Technology Group
 ACTIA Group S.A.
 Apator S.A.
 Aplsens S.A.
 ASBISc Enterprises Plc
 AT & S Aktiengesellschaft
 AURES Technologies S.A.
 Axis AB (publ)
 Barco NV
 Basler Aktiengesellschaft
 Beijer Electronics Group

Consilium AB (publ)
DATA MODUL Aktiengesellsc
Datalogic S.p.A.
discoverIE Group plc
Dom Security
Electrocomponents plc
Zaklady Urzadzen Komputer
Esprinet S.p.A.
Eurotel S.A.
Fingerprint Cards AB (pub
Gooch & Housego PLC
Halma plc
Hexagon AB (publ)
HMS Networks AB (publ)
IndigoVision Group plc
Ingenico Group - GCS
Introl S.A.
Isra Vision AG
Kapsch TrafficCom AG
Lacroix SA
Logicom Public Limited
LPKF Laser & Electronics
Lumibird
Mycronic AB (publ)
N.V. Nederlandsche Appara
Neways Electronics Intern
Nice S.p.A.
NOTE AB (publ)
Opus Group AB (publ)
Pricer AB (publ)
Renishaw plc
S4E S.A.
SAES Getters S.p.A.
Scanfil Oyj
Schweizer Electronic AG
Smart Metering Systems PI
Solid State plc
Sonel S.A.
Spectris plc
Stadium Group plc
TT Electronics plc
Vaisala Oyj
Vianet Group plc
Videlio SA
Viscom AG
Zytronic plc

GICS 4530

ams AG
ASM International NV
ASML Holding N.V.
BE Semiconductor Industri
Dialog Semiconductor Plc
ELMOS Semiconductor AG
First Sensor AG
Infineon Technologies AG
Melexis NV
SÜSS MicroTec SE

GICS 50

A3 Allmänna IT- och Telek

Afone S.A.
BT Group plc
Deutsche Telekom AG
ecotel communication ag
EI Towers S.p.A
Elisa Oyj
freenet AG
GO p.l.c.
Hrvatski Telekom d.d.
Iliad SA
Inmarsat Plc
KCOM Group PLC
Keyyo S.A.
Koninklijke KPN N.V.
Magyar Telekom Telecommun
Millicom International Ce
Netia S.A.
Newsphone Hellas SA
O2 Czech Republic a.s.
Orange S.A.
Orange Belgium S.A.
Orange Polska S.A.
Hellenic Telecommunicatio
Proximus PLC
Sonaecom, SGPS, S.A.
TalkTalk Telecom Group PL
TDC A/S
Tele2 AB (publ)
Telecom Italia S.p.A.
Telefónica, S.A.
Telekom Austria Aktienges
Telekom Slovenije, d.d.
Telestrada SA
Telia Company AB (publ)
Telia Lietuva, AB
Unima 2000 Systemy Telein
Vodafone Group Plc

GICS 501010

A3 Allmänna IT- och Telek
Afone S.A.
BT Group plc
EI Towers S.p.A
Elisa Oyj
GO p.l.c.
Hrvatski Telekom d.d.
Iliad SA
Inmarsat Plc
KCOM Group PLC
Keyyo S.A.
Magyar Telekom Telecommun
Netia S.A.
Newsphone Hellas SA
O2 Czech Republic a.s.
Orange Polska S.A.
Proximus PLC
TalkTalk Telecom Group PL
TDC A/S
Telecom Italia S.p.A.
Telefónica, S.A.
Telekom Austria Aktienges

Telekom Slovenije, d.d.
Telestrada SA
Telia Company AB (publ)
Telia Lietuva, AB
Unima 2000 Systemy Telein

GICS 501020

freenet AG
Millicom International Ce
Orange Belgium S.A.
Sonaecom, SGPS, S.A.
Tele2 AB (publ)
Vodafone Group Plc

GICS 55

7C Solarparken AG
A2A S.p.A.
ACEA S.p.A.
Acsm-Agam S.p.A.
Albioma
Ascopiave S.p.A.
Budapesti Elektromos Muve
C.N.T.E.E. Transelectrica
Centrica plc
CEZ, a. s.
CEZ Distribution Bulgaria
Drax Group plc
E.ON SE
Electricité de France S.A
EDP - Energias de Portuga
EDP Renováveis, S.A.
Électricite de Strasbourg
Elia System Operator SA
EnBW Energie Baden-Württe
Encavis AG
Endesa, S.A.
Enel SpA
Energiekontor AG
ERG S.p.A.
Észak-magyarországi Árams
EVN AG
Athens Water Supply and S
Fortum Oyj
Naturgy Energy Group, S.A
Gelsenwasser AG
Good Energy Group PLC
Hera S.p.A.
Iberdrola, S.A.
AB Inter RAO Lietuva
Iren SpA
AS Latvijas Gaze
Lietuvos energijos gamyba
Mainova AG
MVV Energie AG
National Grid plc
Pennon Group Plc
PGE Polska Grupa Energety
Red Eléctrica Corporación
REN - Redes Energéticas N
Rubis
SSE plc

Severn Trent Plc
SUEZ SA
TAURON Polska Energia S.A
Telecom Plus plc
Terna Energy Societe Anon
Terna - Rete Elettrica Na
Thessaloniki Water Supply
United Utilities Group PL
Veolia Environnement S.A.
VERBUND AG
Zespół Elektrociepłowni W

GICS 551010

Budapesti Elektromos Muve
C.N.T.E.E. Transelectrica
CEZ Distribution Bulgaria
Electricité de France S.A
EDP - Energias de Portuga
Électricite de Strasbourg
Elia System Operator SA
Endesa, S.A.
Enel SpA
Észak-magyarországi Árams
EVN AG
AB Inter RAO Lietuva
PGE Polska Grupa Energety
Red Eléctrica Corporación
SSE plc
TAURON Polska Energia S.A
Terna - Rete Elettrica Na

GICS 551030

A2A S.p.A.
Centrica plc
E.ON SE
Gelsenwasser AG
Mainova AG
MVV Energie AG
SUEZ SA
Telecom Plus plc
Veolia Environnement S.A.
Zespół Elektrociepłowni W

GICS 551040

Athens Water Supply and S
Pennon Group Plc
Severn Trent Plc
Thessaloniki Water Supply
United Utilities Group PL

GICS 551050

7C Solarparken AG
Albioma
Drax Group plc
EDP Renováveis, S.A.
Encavis AG
Energiekontor AG
ERG S.p.A.
Lietuvos energijos gamyba
Terna Energy Societe Anon

GICS 601010

Advance Terrafund REIT
Aedifica SA
alstria office REIT-AG
Altearea Cogedim
Argan SA
Ascencio SCA
Assura Plc
Big Yellow Group Plc
Société Centrale des Bois
Capital & Regional Plc
Care Property Invest NV
CeGeREAL
Cofinimmo SA
Covivio
Derwent London Plc
Eurocommercial Properties
F&C UK Real Estate Invest
Foncière des Murs
Frey SA
Gecina
Hamborner REIT AG
Hansteen Holdings PLC
Highcroft Investments Plc
Home Invest Belgium S.A.
Icade
Immobiliare Grande Distri
Immobiliere Dassault SA
Intervest Offices & Wareh
intu properties plc
Land Securities Group plc
Leasinvest Real Estate SC
LondonMetric Property Plc
McKay Securities Plc
Mercialys
Montea Comm. VA
MRM
A & J Mucklow Group Plc
Paref SA
Patrimoine et Commerce SA
Primary Health Properties
Retail Estates N.V.
Safestore Holdings plc
Schroder Real Estate Inve
SEGRO plc
Shaftesbury PLC
Société Foncière Lyonnais
Société de la Tour Eiffel
TERREÏS
Unibail-Rodamco-Westfield
The Unite Group plc
Vastned Retail Belgium SA
Vastned Retail N.V.
Warehouses De Pauw
Warehouses Estates Belgiu
Wereldhave Belgium
Wereldhave N.V.
Workspace Group plc

GICS 601020

AB Sagax

ACCENTRO Real Estate AG
ADLER Real Estate AG
ALM Equity AB (publ)
Alpha Astika Akinita S.A.
Amasten Fastighets AB (pu
Appenninn Vagyonkezele Hol
Atenor SA
Atrium Ljungberg AB (publ)
Belvoir Lettings Plc
CA Immobilien Anlagen AG
Groupe Capelli
Castellum AB
Catena AB (publ)
CBo Territoria Société An
Citycon Oyj
CLS Holdings plc
Conygar Investment Compan
Corem Property Group AB (C
Courtois S.A.
CR Capital Real Estate AG
Daejan Holdings plc
DEMIRE Deutsche Mittelsta
Deutsche EuroShop AG
Deutsche Real Estate AG
Deutsche Wohnen SE
DIC Asset AG
Diös Fastigheter AB (publ)
Echo Investment S.A.
ED Invest Spółka Akcyjna
EYEMAXX Real Estate AG
Faberge AB (publ)
FastPartner AB (publ)
Fastighets AB Balder (pub
Fiducial Real Estate SA
First Property Group plc
Foncière Volta
Grainger plc
Grand City Properties S.A
Graphisoft Park SE Real E
Groothandelsgebouwen N.V.
GSW Immobilien AG
Hasen-Immobilien AG
HEBA Fastighets AB (publ)
Helical plc
Hufvudstaden AB (publ)
Immo Moury SCA
Inmobiliaria del Sur, S.A
J.W. Construction Holding
Klöver AB
Kungsleden AB
LC Corp S.A.
LEG Immobilien AG
Les Nouveaux Constructeur
Lok'nStore Group plc
LSL Property Services Plc
M Winkworth PLC
Mountview Estates P.L.C.
Nexity SA
PATRIZIA Immobilien AG
Picton Property Income Li
Prime Office A/S

S IMMO AG
Savills plc
SBC Sveriges Bostadsrätts
Sigma Capital Group plc
St. Modwen Properties PLC
TAG Immobilien AG
Technopolis Plc
Texaf, S.A.
U and I Group PLC
UBM Development AG
UK Commercial Property RE
Urban&Civic plc
VGP NV
VIB Vermögen AG
Victoria Park AB (publ)
Wallenstam AB (publ)
Westgrund AG
Wihlborgs Fastigheter AB

Appendix H: Companies (“High-Financial-Risk” Set) in Each Industry, by GICS Code, in European Union

In appendix H, a listing of companies in the set of “high-financial-risk” companies for each GICS code in the European Union region is presented.

GICS 10

Anglo Pacific Group plc
CGG
Coal Energy S.A.
Concordia Maritime AB (pu
D'Amico International Shi
EnQuest PLC
Esso S.A.F.
Etablissements Maurel & P
Exmar NV
Fluxys Belgium SA
Heurtey Petrochem S.A.
Hunting plc
IGas Energy plc
JKX Oil & Gas plc
Lundin Petroleum AB (publ
Petrolia SE
PetroNeft Resources plc
Premier Oil plc
Prosafe SE
Revoil S.A.
Saras S.p.A.
Tullow Oil plc
Vallourec SA

GICS 1010

Anglo Pacific Group plc
CGG
Coal Energy S.A.
Concordia Maritime AB (pu
D'Amico International Shi
EnQuest PLC
Esso S.A.F.
Etablissements Maurel & P
Exmar NV
Fluxys Belgium SA
Heurtey Petrochem S.A.
Hunting plc
IGas Energy plc
JKX Oil & Gas plc
Lundin Petroleum AB (publ
Petrolia SE
PetroNeft Resources plc
Premier Oil plc
Prosafe SE
Revoil S.A.
Saras S.p.A.
Tullow Oil plc
Vallourec SA

GICS 101010

CGG
Heurtey Petrochem S.A.
Hunting plc
Petrolia SE
Prosafe SE
Vallourec SA

GICS 101020

Anglo Pacific Group plc
Coal Energy S.A.

Concordia Maritime AB (pu
D'Amico International Shi
EnQuest PLC
Esso S.A.F.
Etablissements Maurel & P
Exmar NV
Fluxys Belgium SA
IGas Energy plc
JKX Oil & Gas plc
Lundin Petroleum AB (publ
PetroNeft Resources plc
Premier Oil plc
Revoil S.A.
Saras S.p.A.
Tullow Oil plc

GICS 15

Acacia Mining plc
Afarak Group Oyj
Alro S.A.
Altyn Plc
Alumil Aluminium Industry
Anglo American plc
ArcelorMittal
Arctic Paper S.A.
Auriant Mining AB (publ)
Avocet Mining plc
Bergs Timber AB (publ)
Cognor Holding S.A.
Elastron S.A. - Steel Ser
Encres Dubuit
ERAMET S.A.
EVRAZ plc
Gascogne SA
Halcor Metal Works S.A.
Hochschild Mining plc
Société Internationale de
KAZ Minerals PLC
Kenmare Resources plc
Libet S.A.
Lonmin Plc
Nyrstar NV
OCI N.V.
Orapi
Outokumpu Oyj
Petropavlovsk PLC
Przetwórstwo Tworzyw
Sztu
Recylex S.A.
Semapa - Sociedade de Inv
Sequana SA
Shanta Gold Limited
SKW Stahl-Metallurgie Hol
Sonae Indústria, S.G.P.S.
SSAB AB (publ)
Tubos Reunidos, S.A.
Vedanta Resources plc
Vianini S.p.A.
Viohalco S.A.

GICS 151040

Acacia Mining plc
Afarak Group Oyj
Alro S.A.
Altyn Plc
Alumil Aluminium Industry
Anglo American plc
ArcelorMittal
Auriant Mining AB (publ)
Avocet Mining plc
Cognor Holding S.A.
Elastron S.A. - Steel Ser
ERAMET S.A.
EVRAZ plc
Halcor Metal Works S.A.
Hochschild Mining plc
KAZ Minerals PLC
Kenmare Resources plc
Lonmin Plc
Nyrstar NV
Outokumpu Oyj
Petropavlovsk PLC
Recylex S.A.
Shanta Gold Limited
SKW Stahl-Metallurgie Hol
SSAB AB (publ)
Tubos Reunidos, S.A.
Vedanta Resources plc
Viohalco S.A.

GICS 151050

Arctic Paper S.A.
Bergs Timber AB (publ)
Semapa - Sociedade de Inv
Sequana SA
Sonae Indústria, S.G.P.S.

GICS 20

The 600 Group PLC
Abengoa, S.A.
Air France-KLM SA
ALBA SE
Anonimi Naftiliaki Etarei
Artefact S.A.
Astaldi S.p.A.
Atlantska Plovidba d.d.
Attica Holdings S.A.
Latécoère S.A.
Balticon S.A.
BE Group AB (publ)
Beghelli S.p.A.
Bilfinger SE
Bremer Lagerhaus Gesellsc
Bong AB (publ)
Capita plc
Carillion plc
Carraro S.p.A.
Catalis SE
Ceramika Nowa Gala SA
Chemring Group plc
Christie Group plc

Compagnie Industriali Riu
 Cobham plc
 Componenta Corporation
 Corporación Empresarial d
 Dalekovod D.D.
 Dampskibsselskabet
 Norden
 De La Rue plc
 Dovre Group Plc
 Driver Group plc
 Dromeas SA
 Edenred SA
 Electroaparataj SA
 Elektron Technology plc
 Energoinstal S.A.
 Enertronica S.p.A.
 Erria A/S
 Fiera Milano SpA
 Flybe Group PLC
 Fomento de Construcciones
 Fountain S.A.
 Frigoglass S.A.I.C.
 GEK TERNA Holdings, Real
 Gesco AG
 Glaston Oyj Abp
 Glunz & Jensen Holding A/
 Greiffenberger AG
 Groupe Gorgé SA
 Duro Felguera, S.A.
 Hamon & Cie (Internationa
 Havelock Europa plc
 Heidelberger Druckmaschin
 Hogg Robinson Group plc
 Højgaard Holding A/S
 HTI High Tech Industries
 ICTA AB (publ)
 Inapa - Investimentos, Pa
 Inform P. Lykos S.A.
 InterEuropa d.d.
 InterMail A/S
 Interserve Plc
 Intracom Constructions So
 KDM Shipping Public Limit
 Klöckner & Co SE
 Kopex S.A.
 Leonardo S.p.a.
 Logwin AG
 Management Consulting
 Gro
 Marenave Schifffahrts AG
 Martela Oyj
 Masterplast Nyrt.
 Mera S.A.
 Mevaco S.A.
 Mitie Group plc
 Mountfield Group Plc
 Nexans S.A.
 Nordic Shipholding A/S
 Northbridge Industrial Se
 Nurminen Logistics Oyj
 Obrascón Huarte Lain, S.A
 Parity Group plc

PCC Intermodal S.A.
 Poligrafica S. Faustino S
 Poligrafici Printing S.p.
 PostNL N.V.
 Rafako S.A.
 Redhall Group plc
 Renold plc
 Rentokil Initial plc
 Rosss S.p.A.
 Société Anonyme Belge de
 Sacyr, S.A.
 Santa Fe Group A/S
 S.C. Santierul Naval Orso
 Scandbook Holding AB
 SCHUMAG
 Aktiengesellschaft
 SDC Investimentos, S.A.
 Séché Environnement SA
 Seco/Warwick S.A.
 Serco Group plc
 SGL Carbon SE
 SIG plc
 Soditech SA
 Soprano Oyj
 Speedy Hire Plc
 Studsvik AB (publ)
 TIM Spółka Akcyjna
 Touax SCA
 TREVI - Finanziaria Indus
 Tulikivi Corporation
 Turbomecanica SA
 Uljanik Plovidba D.D.
 Unibios Holdings S.A.
 URSUS Spółka Akcyjna
 Utilitywise Plc
 Viking Supply Ships AB (p
 Vossloh AG
 Wincanton plc

GICS 2010

The 600 Group PLC
 Abengoa, S.A.
 Astaldi S.p.A.
 Latécoère S.A.
 BE Group AB (publ)
 Beghelli S.p.A.
 Carraro S.p.A.
 Ceramika Nowa Gala SA
 Chemring Group plc
 Cobham plc
 Componenta Corporation
 Corporación Empresarial d
 Dalekovod D.D.
 Driver Group plc
 Electroaparataj SA
 Elektron Technology plc
 Energoinstal S.A.
 Enertronica S.p.A.
 Fomento de Construcciones
 Frigoglass S.A.I.C.
 GEK TERNA Holdings, Real

Gesco AG
 Glunz & Jensen Holding A/
 Greiffenberger AG
 Groupe Gorgé SA
 Duro Felguera, S.A.
 Hamon & Cie (Internationa
 Havelock Europa plc
 Højgaard Holding A/S
 HTI High Tech Industries
 Inapa - Investimentos, Pa
 Intracom Constructions So
 Klöckner & Co SE
 Kopex S.A.
 Leonardo S.p.a.
 Masterplast Nyrt.
 Mera S.A.
 Mevaco S.A.
 Mountfield Group Plc
 Nexans S.A.
 Northbridge Industrial Se
 Obrascón Huarte Lain, S.A
 Rafako S.A.
 Redhall Group plc
 Renold plc
 Société Anonyme Belge de
 S.C. Santierul Naval Orso
 SCHUMAG
 Aktiengesellschaft
 SDC Investimentos, S.A.
 Seco/Warwick S.A.
 SGL Carbon SE
 SIG plc
 Speedy Hire Plc
 TIM Spółka Akcyjna
 TREVI - Finanziaria Indus
 Tulikivi Corporation
 Turbomecanica SA
 Unibios Holdings S.A.
 URSUS Spółka Akcyjna
 Vossloh AG

GICS 201010

Latécoère S.A.
 Chemring Group plc
 Cobham plc
 Leonardo S.p.a.
 Société Anonyme Belge de
 Turbomecanica SA

GICS 201020

Ceramika Nowa Gala SA
 Corporación Empresarial d
 Hamon & Cie (Internationa
 Masterplast Nyrt.
 Mera S.A.
 Tulikivi Corporation

GICS 201030

Abengoa, S.A.
 Astaldi S.p.A.
 Dalekovod D.D.

Driver Group plc
Fomento de Construcciones
GEK TERNA Holdings, Real
Duro Felguera, S.A.
Havelock Europa plc
Højgaard Holding A/S
Intracom Constructions So
Mountfield Group Plc
Obrascón Huarte Lain, S.A
Redhall Group plc
SDC Invetimentos, S.A.
TREVI - Finanziaria Indus

GICS 201040

Beghelli S.p.A.
Electroaparataj SA
Elektron Technology plc
Enertronica S.p.A.
Nexans S.A.
Northbridge Industrial Se
SGL Carbon SE

GICS 201060

The 600 Group PLC
Carraro S.p.A.
Componenta Corporation
Energoinstal S.A.
Frigoglass S.A.I.C.
Gesco AG
Glunz & Jensen Holding A/
Greiffenberger AG
Groupe Gorgé SA
HTI High Tech Industries
Kopex S.A.
Mevaco S.A.
Rafako S.A.
Renold plc
S.C. Santierul Naval Orso
SCHUMAG
Aktiengesellschaft
Seco/Warwick S.A.
Unibios Holdings S.A.
URSUS Spółka Akcyjna
Vossloh AG

GICS 201070

BE Group AB (publ)
Inapa - Invetimentos, Pa
Klöckner & Co SE
SIG plc
Speedy Hire Plc
TIM Spółka Akcyjna

GICS 2020

ALBA SE
Artefact S.A.
Balticon S.A.
Bong AB (publ)
Capita plc
Catalis SE
Christie Group plc

De La Rue plc
Dovre Group Plc
Dromeas SA
Edenred SA
Fiera Milano SpA
Fountain S.A.
Hogg Robinson Group plc
ICTA AB (publ)
Inform P. Lykos S.A.
InterMail A/S
Management Consulting
Gro
Martela Oyj
Mitie Group plc
Parity Group plc
Poligrafica S. Faustino S
Poligrafici Printing S.p.
Rentokil Initial plc
Rosss S.p.A.
Scandbook Holding AB
Séché Environnement SA
Serco Group plc
Soditech SA
Soprano Oyj
Studsvik AB (publ)
Utilitywise Plc

GICS 202010

ALBA SE
Balticon S.A.
Bong AB (publ)
De La Rue plc
Dromeas SA
Edenred SA
Fiera Milano SpA
Fountain S.A.
Inform P. Lykos S.A.
InterMail A/S
Martela Oyj
Mitie Group plc
Poligrafica S. Faustino S
Poligrafici Printing S.p.
Rentokil Initial plc
Rosss S.p.A.
Scandbook Holding AB
Séché Environnement SA

GICS 202020

Artefact S.A.
Capita plc
Catalis SE
Christie Group plc
Dovre Group Plc
Hogg Robinson Group plc
ICTA AB (publ)
Management Consulting
Gro
Parity Group plc
Soditech SA
Soprano Oyj
Utilitywise Plc

GICS 2030

Air France-KLM SA
Anonimi Naftiliaki Etairei
Atlantska Plovidba d.d.
Attica Holdings S.A.
Bremer Lagerhaus Gesellsc
Dampskibsselskabet
Norden
Erria A/S
Flybe Group PLC
InterEuropa d.d.
KDM Shipping Public Limit
Logwin AG
Marenave Schiffahrts AG
Nordic Shipholding A/S
Nurminen Logistics Oyj
PCC Intermodal S.A.
PostNL N.V.
Santa Fe Group A/S
Touax SCA
Uljanik Plovidba D.D.
Viking Supply Ships AB (p
Wincanton plc

GICS 203010

Logwin AG
Nurminen Logistics Oyj
PostNL N.V.
Santa Fe Group A/S
Wincanton plc

GICS 25

Aalborg Boldspilklub A/S
AdUX SA
AFC Ajax NV
Agora S.A.
Antevenio, S.A.
Arena Hospitality Group d
Arnoldo Mondadori Editore
A.S. Création Tapeten AG
Baccarat S.A.
Bernard Loiseau SA
Billboard AD
Centrale d'Achat Français
Caleffi S.p.A.
Carptright plc
Centaur Media Plc
Centric Holdings S.A.
Codere, S.A.
Connect Group PLC
Cyprus Trading Corporatio
Damiani S.p.A.
Dignity plc
Ei Group plc
Elve S.A.
Eniro AB (publ)
Findel plc
Foullis Holdings S.A.
GEDI Gruppo Editoriale S.
Gorenje, d.d.
Groupe Flo SA

Groupe LDLC
HanseYachts AG
Haynes Publishing Group P
Honkarakenne Oyj
iGrandiViaggi S.p.A.
I.Kloukinas-I.Lappas S.A.
Ikka-Yhtymä Oyj
Immsi S.p.A.
Impresa - Sociedade Gestio
Independent News & Media
InterContinental Hotels G
International Hotel Inves
Intralot S.A. Integrated
Johnston Press plc
Juventus Football Club S.
Kabel Deutschland Holding
Lafuma SA
Landi Renzo S.p.A.
Les Hotels De Paris SA
Lexibook - Linguistic Ele
m4e AG
Makheia Group Soci  t   Ano
Mediacontech S.p.A.
Mediaset S.p.A.
Monrif S.p.A.
Mothercare plc
Mr. Bricolage SA
mybet Holding SE
NH Hotel Group, S.A.
Pearson plc
Peugeot S.A.
Philippos Nakas S.A.
Przedsiębiorstwo Handlu Z
Pierre & Vacances SA
Pininfarina S.p.A.
Poligrafici Editoriale S.
Porta Communications Plc
Prima Moda Spolka Akcyjna
Pr  chnik S.A.
Promotora de Informacione
RCS MediaGroup S.p.A.
RNB Retail and Brands AB
Safilo Group S.p.A.
SAG GEST - Solu  o  es
Autom
Sanoma Oyj
Scandinavian Brake System
Selected Textiles S.A.
Skano Group AS
AB Snaige
Snaitech S.p.A.
S.S. Lazio S.p.A.
Solar Company S.A.
Solaris d.d.
Solocal Group S.A.
Sport Lisboa e Benfica -
Sportech PLC
St Ives plc
Stern Groep N.V.
Stockmann Oyj ABP
STV Group plc

Tasty plc
Telenet Group Holding NV
Tom Tailor Holding SE
TomTom N.V.
Topps Tiles Plc
Toupargel Groupe SA
Tribal Group plc
Venue Retail Group AB
S.C. VES S.A.
Vivanco Gruppe AG
Vocento, S.A.
Webis Holdings plc
Wild Bunch AG
Wolford Aktiengesellschaft
Wulff-Yhti  t Oyj
ZetaDisplay AB

GICS 2510

Immsi S.p.A.
Landi Renzo S.p.A.
Peugeot S.A.
Pininfarina S.p.A.
Scandinavian Brake System

GICS 2520

A.S. Cr  ation Tapeten AG
Baccarat S.A.
Caleffi S.p.A.
Damiani S.p.A.
Elve S.A.
Gorenje, d.d.
HanseYachts AG
Honkarakenne Oyj
Lafuma SA
Lexibook - Linguistic Ele
Pr  chnik S.A.
Safilo Group S.p.A.
Selected Textiles S.A.
Skano Group AS
AB Snaige
Solar Company S.A.
TomTom N.V.
S.C. VES S.A.
Vivanco Gruppe AG
Wolford Aktiengesellschaft

GICS 252010

A.S. Cr  ation Tapeten AG
Baccarat S.A.
Gorenje, d.d.
Honkarakenne Oyj
Lexibook - Linguistic Ele
Skano Group AS
AB Snaige
TomTom N.V.
S.C. VES S.A.
Vivanco Gruppe AG

GICS 252030

Caleffi S.p.A.
Damiani S.p.A.

Elve S.A.
Pr  chnik S.A.
Safilo Group S.p.A.
Selected Textiles S.A.
Solar Company S.A.
Wolford Aktiengesellschaft

GICS 2530

Aalborg Boldspilklub A/S
Arena Hospitality Group d
Bernard Loiseau SA
Centric Holdings S.A.
Codere, S.A.
Dignity plc
Ei Group plc
Groupe Flo SA
iGrandiViaggi S.p.A.
InterContinental Hotels G
International Hotel Inves
Intralot S.A. Integrated
Les Hotels De Paris SA
mybet Holding SE
NH Hotel Group, S.A.
Pierre & Vacances SA
Snaitech S.p.A.
Solaris d.d.
Sportech PLC
Tasty plc
Tribal Group plc
Webis Holdings plc

GICS 253010

Aalborg Boldspilklub A/S
Arena Hospitality Group d
Bernard Loiseau SA
Centric Holdings S.A.
Codere, S.A.
Ei Group plc
Groupe Flo SA
iGrandiViaggi S.p.A.
InterContinental Hotels G
International Hotel Inves
Intralot S.A. Integrated
Les Hotels De Paris SA
mybet Holding SE
NH Hotel Group, S.A.
Pierre & Vacances SA
Snaitech S.p.A.
Solaris d.d.
Sportech PLC
Tasty plc
Webis Holdings plc

GICS 2540

AdUX SA
AFC Ajax NV
Agora S.A.
Antevenio, S.A.
Arnoldo Mondadori Editore
Billboard AD
Centaur Media Plc

Eniro AB (publ)
GEDI Gruppo Editoriale S.
Haynes Publishing Group P
Ilkka-Yhtymä Oyj
Impresa - Sociedade Gestio
Independent News & Media
Johnston Press plc
Juventus Football Club S.
Kabel Deutschland Holding
m4e AG
Makheia Group Société Ano
Mediacontech S.p.A.
Mediaset S.p.A.
Monrif S.p.A.
Pearson plc
Poligrafici Editoriale S.
Porta Communications Plc
Promotora de Informacione
RCS MediaGroup S.p.A.
Sanoma Oyj
S.S. Lazio S.p.A.
Solocal Group S.A.
Sport Lisboa e Benfica -
St Ives plc
STV Group plc
Telenet Group Holding NV
Vocento, S.A.
Wild Bunch AG
ZetaDisplay AB

GICS 2550

Centrale d'Achat Français
Carpetright plc
Connect Group PLC
Cyprus Trading Corporatio
Findel plc
Foullis Holdings S.A.
Groupe LDLC
I.Kloukinas-I.Lappas S.A.
Mothercare plc
Mr. Bricolage SA
Philippos Nakas S.A.
Przedsiębiorstwo Handlu Z
Prima Moda Spolka Akcyjna
RNB Retail and Brands AB
SAG GEST - Soluções
Autom
Stern Groep N.V.
Stockmann Oyj ABP
Tom Tailor Holding SE
Topps Tiles Plc
Toupargel Groupe SA
Venue Retail Group AB
Wulff-Yhtiöt Oyj

GICS 255040

Centrale d'Achat Français
Carpetright plc
Foullis Holdings S.A.
I.Kloukinas-I.Lappas S.A.
Mr. Bricolage SA

Philippos Nakas S.A.
Przedsiębiorstwo Handlu Z
Prima Moda Spolka Akcyjna
RNB Retail and Brands AB
Stern Groep N.V.
Topps Tiles Plc
Venue Retail Group AB

GICS 30

Agromino A/S
Agroton Public Limited
Alès Groupe S.A.
Badel 1862 d.d.
Crawshaw Group plc
Creta Farm S.A.
Deoleo, S.A.
Elgeka S.A.
Evrofarma SA
Foncière Euris SA
HKScan Oyj
KORRES S.A. - Natural Pro
KSG Agro S.A.
Marie Brizard Wine & Spir
Milkiland N.V.
Natra, S.A.
Nireus Aquaculture S.A.
Pamapol S.A.
Papoutsanis S.A.
Park & Bellheimer AG
Premier Foods plc
Rallye SA
R.E.A. Holdings plc
Selonda Aquaculture S.A.
TERMES GRUPA d.d.
Tesco PLC
Viro Tvornica Secera d.d.
Zaklady Przemyslu Cukiern

GICS 3010

Crawshaw Group plc
Elgeka S.A.
Foncière Euris SA
Rallye SA
Tesco PLC

GICS 3020

Agromino A/S
Agroton Public Limited
Badel 1862 d.d.
Creta Farm S.A.
Deoleo, S.A.
Evrofarma SA
HKScan Oyj
KSG Agro S.A.
Marie Brizard Wine & Spir
Milkiland N.V.
Natra, S.A.
Nireus Aquaculture S.A.
Pamapol S.A.
Park & Bellheimer AG
Premier Foods plc

R.E.A. Holdings plc
Selonda Aquaculture S.A.
TERMES GRUPA d.d.
Viro Tvornica Secera d.d.
Zaklady Przemyslu Cukiern

GICS 302020

Agromino A/S
Agroton Public Limited
Creta Farm S.A.
Deoleo, S.A.
Evrofarma SA
HKScan Oyj
KSG Agro S.A.
Milkiland N.V.
Natra, S.A.
Nireus Aquaculture S.A.
Pamapol S.A.
Premier Foods plc
R.E.A. Holdings plc
Selonda Aquaculture S.A.
TERMES GRUPA d.d.
Viro Tvornica Secera d.d.
Zaklady Przemyslu Cukiern

GICS 35

ADDvise Group AB (publ)
Bavarian Nordic A/S
BIOTON S.A.
Cegedim SA
EKF Diagnostics Holdings
EMC Instytut Medyczny S.A
Fagron NV
Genus plc
H. Lundbeck A/S
Hikma Pharmaceuticals
PLC
Diagnostic and Therapeuti
Ifa Systems Ag
Immunodiagnostic Systems
Maternus-Kliniken Aktieng
McKesson Europe AG
Pharma Mar, S.A.
PZ Cormay S.A.
SANOCHEMIA
Pharmazeutika
Selvita S.A.
Surgical Innovations Grou
Swissmed Centrum Zdrowia
Vectura Group plc

GICS 3510

ADDvise Group AB (publ)
Cegedim SA
EKF Diagnostics Holdings
EMC Instytut Medyczny S.A
Fagron NV
Diagnostic and Therapeuti
Ifa Systems Ag
Immunodiagnostic Systems
Maternus-Kliniken Aktieng
McKesson Europe AG

PZ Cormay S.A.
Surgical Innovations Grou
Swissmed Centrum Zdrowia

GICS 351010

ADDvise Group AB (publ)
EKF Diagnostics Holdings
Immunodiagnostic Systems
PZ Cormay S.A.
Surgical Innovations Grou

GICS 351020

EMC Instytut Medyczny S.A
Fagron NV
Diagnostic and Therapeuti
Maternus-Kliniken Aktieng
McKesson Europe AG
Swissmed Centrum Zdrowia

GICS 3520

Bavarian Nordic A/S
BIOTON S.A.
Genus plc
H. Lundbeck A/S
Hikma Pharmaceuticals
PLC
Pharma Mar, S.A.
SANOCHEMIA
Pharmazeutika
Selvita S.A.
Vectura Group plc

GICS 401010

AIB Group PLC
Arbuthnot Banking Group P
The Royal Bank of Scotlan
Slatinska Banka d.d.
UniCredit S.p.A.
Unione di Banche Italiane

GICS 402030

Ambromobiliare S.p.A.
City of London Investment
DeA Capital S.p.A.
Deutsche Bank Aktiengesel
Forrás nyRt.
WH Ireland Group plc
Lloyd Fonds AG
Man Group plc
Newcap Holding A/S
TP ICAP plc

GICS 45

Action S.A.
Allgon AB (publ)
Amper, S.A.
APC Technology Group PLC
Arcus S.A.
Aspocomp Group Oyj
Basware Oyj
Binero Group AB

Brady plc
Business & Decision SA
Byte Computer SA
CS Communication &
System
Digigram S.A.
Dionic S.A.
DNXCorp SE
Elecosoft plc
Escher Group Holdings plc
euromicron AG
except Group SE
FullSix S.p.A.
Gefran S.p.A.
Grupo Ezentis S.A.
HF Company Soci t 
Anonym
Incap Oyj
Indra Sistemas, S.A.
Quest Holdings S.A.
Innelec Multim dia SA
INTERSHOP
Communications
InTiCa Systems AG
Itway S.p.A.
O2i Soci t  Anonyme
MEMSCAP, S.A.
msg life ag
Newmark Security plc
Nokia Corporation
OPTeam Sp lka Akcyjna
Ordina N.V.
Pebble Beach Systems Grou
Prevas AB
Progility PLC
Prologue S.A.
Quality & Reliability A.B
RedstoneConnect Plc
RhythmOne plc
Riber S.A.
RoodMicrotec N.V.
SDL plc
Sensys Gatso Group AB (pu
SES-imagotag
SMA Solar Technology AG
StatPro Group plc
Streamwide S.A.
TAS Tecnologia Avanzata d
Tecnotree Oyj
Telit Communications PLC
TerniEnergia S.p.A.
TIE Kinetix N.V.
Watchstone Group Plc
ZOO Digital Group plc

GICS 4510

Arcus S.A.
Basware Oyj
Binero Group AB
Brady plc
Business & Decision SA
Byte Computer SA

CS Communication &
System
DNXCorp SE
Elecosoft plc
Escher Group Holdings plc
FullSix S.p.A.
Indra Sistemas, S.A.
INTERSHOP
Communications
O2i Soci t  Anonyme
msg life ag
Ordina N.V.
Prevas AB
Prologue S.A.
Quality & Reliability A.B
RedstoneConnect Plc
RhythmOne plc
SDL plc
StatPro Group plc
Streamwide S.A.
TAS Tecnologia Avanzata d
Tecnotree Oyj
TIE Kinetix N.V.
Watchstone Group Plc
ZOO Digital Group plc

GICS 451010

Binero Group AB
DNXCorp SE
FullSix S.p.A.
RhythmOne plc
TIE Kinetix N.V.

GICS 451020

Arcus S.A.
Business & Decision SA
Byte Computer SA
CS Communication &
System
Indra Sistemas, S.A.
O2i Soci t  Anonyme
Ordina N.V.
Prevas AB
Quality & Reliability A.B
RedstoneConnect Plc
Watchstone Group Plc

GICS 451030

Basware Oyj
Brady plc
Elecosoft plc
Escher Group Holdings plc
msg life ag
Prologue S.A.
SDL plc
StatPro Group plc
Streamwide S.A.
TAS Tecnologia Avanzata d
Tecnotree Oyj
ZOO Digital Group plc

GICS 4520

Action S.A.
Allgon AB (publ)
Amper, S.A.
APC Technology Group PLC
Aspocomp Group Oyj
Digigram S.A.
Dionic S.A.
euromicron AG
exceet Group SE
Gefran S.p.A.
Grupo Ezentis S.A.
HF Company Société
Anonym
Incap Oyj
Innelec Multimédia SA
InTiCa Systems AG
Itway S.p.A.
Newmark Security plc
Nokia Corporation
OPTeam Spółka Akcyjna
Pebble Beach Systems Grou
Sensys Gatso Group AB (pu
SES-imagotag
Telit Communications PLC

GICS 452010

Allgon AB (publ)
Amper, S.A.
euromicron AG
Grupo Ezentis S.A.
HF Company Société
Anonym
Nokia Corporation
Pebble Beach Systems Grou
Telit Communications PLC

GICS 452030

Action S.A.
APC Technology Group PLC
Aspocomp Group Oyj
Dionic S.A.
exceet Group SE
Gefran S.p.A.
Incap Oyj
Innelec Multimédia SA
InTiCa Systems AG
Itway S.p.A.
Newmark Security plc
OPTeam Spółka Akcyjna
Sensys Gatso Group AB (pu
SES-imagotag

GICS 50

Eurona Wireless Telecom,
Hellenic Company for Tele
OT-Optima Telekom d.d.
Retelit S.p.A.
Telefónica Deutschland Ho
Tiscali S.p.A.

GICS 501010

Eurona Wireless Telecom,
Hellenic Company for Tele
OT-Optima Telekom d.d.
Retelit S.p.A.
Telefónica Deutschland Ho
Tiscali S.p.A.

GICS 55

Alerion Clean Power S.p.A
Arise AB (publ)
Athena Investments A/S
Audax Renovables, S.A.
Direct Energie Société An
Edison S.p.A.
Elektrocieplownia Bedzin
ENGIE SA
Falck Renewables S.p.A.
K.R.Energy S.p.A.
LITGRID AB
Polenergia SA
Public Power Corporation
RWE Aktiengesellschaft
TESGAS Spółka Akcyjna

GICS 551050

Alerion Clean Power S.p.A
Arise AB (publ)
Athena Investments A/S
Audax Renovables, S.A.
Edison S.p.A.
Falck Renewables S.p.A.
K.R.Energy S.p.A.
Polenergia SA

GICS 601020

AGRARIUS AG
Banimmo S.A.
Brioschi Sviluppo Immobil
Countrywide plc
Excelsa nekretnine d.d.
IMMOFINANZ AG
Impact Developer & Contra
Kardan N.V.
Montebalito, S.A.
Quabit Immobiliaria, S.A.
Rank Progress S.A.
Realia Business, S.A.

Appendix I: GICS Codes in which Companies (Main Set) are Included, European Union

In appendix I, a listing of the GICS codes in which each of the companies in the main set of "healthy" companies in the European Union region is presented.

3i Group plc			402030	Adler Modemärkte AG	25	2550	255040
4fun Media SA	25	2540		ADLER Real Estate AG			601020
4imprint Group plc	25	2540		ADLPartner	25	2540	
7C Solarparken AG	55		551050	Admiral Group plc			403010
A & J Mucklow Group Plc			601010	Adriatic Croatia Internat	25	2530	253010
A.G. BARR p.l.c.	30	3020	302010	ADVA Optical Networking S	45	4520	452010
A.P. Møller - Mærsk A/S	20	2030		Advance Terrafund REIT			601010
A/S SAF Tehnika	45	4520	452010	Advanced Medical Solution	35	3510	351010
A2A S.p.A.	55		551030	AdVini S.A.	30	3020	302010
A3 Allmänna IT- och Telek	50		501010	Aedifica SA			601010
AAK AB (publ.)	30	3020	302020	Aeffe S.p.A.	25	2520	252030
Aalberts Industries N.V.	20	2010	201060	Aegean Airlines S.A.	20	2030	203020
AB Electrolux (publ)	25	2520	252010	Aegon N.V.			403010
AB Fagerhult	20	2010	201040	Aéroports de Paris SA	20	2030	203050
AB Inter RAO Lietuva	55		551010	ÁF AB (publ)	20	2020	202020
AB Klaipėdos nafta	10	1010	101020	Afone S.A.	50		501010
AB Linas Agro Group	30	3020	302020	ageas SA/NV			403010
AB Panevezio Statybos Tre	20	2010	201030	Aggreko Plc	20		
AB S.A.	45	4520	452030	AGRANA Beteiligungs-Aktie	30	3020	302020
AB Sagax			601020	Agria Group Holding JSC	20	2010	
AB Traction			402030	Ahlers AG	25	2520	252030
AB Volvo (publ)	20	2010	201060	AIK Fotboll AB	25	2540	
AB Zemaitijos pienas	30	3020	302020	Ailleron S.A.	45	4510	451030
Abbey plc	25	2520	252010	Air Partner plc	20	2030	203020
ABC Arbitrage SA			402010	Airbus SE	20	2010	201010
ABC Data S.A.	45	4520	452030	AIREA plc	25	2520	252010
Abcam Plc	35	3520	352010	AKKA Technologies SE	20	2020	202020
Aberforth Smaller Compani			402030	Aktia Bank p.l.c.			401010
Abertis Infraestructuras,	20	2030	203050	Aktiebolaget Industrivärd			402010
Acando AB (publ.)	45	4510	451020	AKWEL	25	2510	251010
Accell Group N.V.	25	2520	252020	Akzo Nobel N.V.	15		151010
ACCENTRO Real Estate AG			601020	Alantra Partners, S.A.			402030
accesso Technology Group	45	4520	452030	Albena AD	25	2530	253010
Accor SA	25	2530	253010	Albioma	55		551050
ACEA S.p.A.	55			Albis Leasing AG			402010
Acerinox, S.A.	15		151040	Alchemia S.A.	15		151040
Ackermans & Van Haaren NV			402010	Alcomet AD	15		151040
ACS, Actividades de Const	20	2010	201030	Alfa Laval AB (publ)	20	2010	201060
Acsm-Agam S.p.A.	55			Alior Bank S.A.			401010
ACTIA Group S.A.	45	4520	452030	ALK-Abelló A/S	35	3520	352020
AD Plastik d.d.	25	2510	251010	Alkis H. Hadjikyriacos	30	3020	302020
ADA Société Anonyme	20	2030	203040	All for One Steeb AG	45	4510	451020
Addnode Group AB (publ)	45	4510	451020	Allgeier SE	45	4510	451020
adesso AG	45	4510	451020	Alliance Pharma plc	35	3520	352020
Adidas AG	25	2520	252030	Alliance Trust PLC			402030

Allianz SE			403010	Aplisens S.A.	45	4520	452030
Allianz Technology Trust			402030	Appennin Vagyonkezele Hol			601020
ALM Equity AB (publ)			601020	April SA			403010
Alm. Brand A/S			403010	AQ Group AB (publ)	20	2010	201040
Almirall, S.A.	35	3520	352020	Arcadis NV	20	2010	201030
Alpha Astika Akinita S.A.			601020	Argan SA			601010
Alpha Real Trust Limited			402030	Arkema S.A.	15		
Alstom SA	20	2010	201060	Arkil Holding A/S	20	2010	201030
alstria office REIT-AG			601010	Artego S.A.	20	2010	201060
Altamir SCA			402030	Artprice.com	25	2540	
Altarea Cogedim			601010	AS Baltika	25	2520	252030
Alten SA	45	4510	451020	AS Company S.A.	25	2520	252020
Altran Technologies S.A.	45	4510	451020	AS Grindeks	35	3520	352020
Altri, S.G.P.S., S.A.	15		151050	AS Latvijas balzams	30	3020	302010
Altur S.A.	25	2510	251010	AS Latvijas Gaze	55		
Alumil Rom Industry S.A.	15		151040	AS Merko Ehitus	20	2010	201030
Amadeus FiRe AG	20	2020	202020	AS Silvano Fashion Group	25	2550	255040
Amadeus IT Group, S.A.	45	4510	451020	AS Tallink Grupp	20	2030	
AMAG Austria Metall AG	15		151040	ASBISc Enterprises Plc	45	4520	452030
Amasten Fastighets AB (pu			601020	Ascencio SCA			601010
Ambra S.A.	30	3020	302010	Ascopiave S.p.A.	55		
Ambu A/S	35	3510	351010	Ashmore Group PLC			402030
Amer Sports Corporation	25	2520		Ashtead Group plc	20	2010	201070
Amerisur Resources PLC	10	1010	101020	ASM International NV	45	4530	
AMG Advanced Metallurgica	15		151040	ASML Holding N.V.	45	4530	
Amica S.A.	25	2520	252010	ASSA ABLOY AB (publ)	20	2010	201020
Amino Technologies plc	45	4520	452010	Asseco Business Solutions	45	4510	451030
Amplifon SpA	35	3510	351020	Asseco Poland S.A.	45	4510	451030
AmRest Holdings SE	25	2530	253010	Asseco South Eastern Euro	45		
ams AG	45	4530		Assicurazioni Generali S.			403010
Amsterdam Commodities N.V	30	3010		Associated British Foods	30	3020	302020
AND International Publish	45	4510	451030	Assura Plc			601010
Andrews Sykes Group plc	20	2010	201070	Assystem S.A.	20	2020	202020
Andritz AG	20	2010		AST Groupe	25	2520	252010
Anglo Asian Mining PLC	15		151040	ASTARTA Holding N.V.	30	3020	302020
Anglo-Eastern Plantations	30	3020	302020	ASTM S.p.A.	20	2030	203050
Anheuser-Busch InBev SA/N	30	3020	302010	AstraZeneca PLC	35	3520	352020
Animalcare Group plc	35			AT & S Aktiengesellschaft	45	4520	452030
Anpario plc	30	3020	302020	Atende S.A.	45	4510	451020
Ansaldo STS S.p.A.	20	2030	203050	Atenor SA			601020
Antibiotice S.A.	35	3520	352020	Athens Water Supply and S	55		551040
Antofagasta plc	15		151040	Atlantia S.p.A.	20	2030	203050
Apator S.A.	45	4520	452030	Atlantic Grupa d.d.	30		
APB Apranga	25	2550	255040	Atlas Copco AB	20	2010	201060
Apetit Oyj	30			ATOSS Software AG	45	4510	451020

Atresmedia Corporación de	25	2540		Bank Zachodni WBK S.A.			401010
Atria Oyj	30	3020	302020	Barco NV	45	4520	452030
Atrium Ljungberg AB (publ)			601020	Barón de Ley, S.A.	30	3020	302010
Aubay Société Anonyme	45	4510	451020	Barratt Developments plc	25	2520	252010
auFeminin.com	45	4510	451010	BASF SE	15		151010
Auga Group AB	30	3020	302020	BasicNet S.p.A.	25	2550	255040
Augean plc	20	2020	202010	Basler Aktiengesellschaft	45	4520	452030
Aukett Swanke Group Plc	20	2020	202020	Bastide Le Confort Médica	35	3510	351020
Aurea SA	20	2020	202010	Batenburg Techniek N.V.	20	2010	
AURES Technologies S.A.	45	4520	452030	BAUER Aktiengesellschaft	20	2010	
Aurubis AG	15		151040	Bayerische Motoren Werke	25	2510	251020
Autogrill S.p.A.	25	2530	253010	BBA Aviation plc	20	2030	203050
Autostrade Meridionali S.	20	2030	203050	BBGI Sicav S.A.			402030
Avanza Bank Holding AB (p			402030	BE Semiconductor Industri	45	4530	
Avensia AB (publ)	45	4510	451010	Be Think, Solve, Execute	45	4510	451020
AVEVA Group plc	45	4510	451030	Beiersdorf Aktiengesellsc	30	3030	303020
Avia Solutions Group AB	20	2030	203050	Beijer Alma AB (publ)	20	2010	
Aviva plc			403010	Beijer Electronics Group	45	4520	452030
Awilco Drilling Plc	10	1010	101010	Beijer Ref AB (publ)	20	2010	201070
AXA SA			403010	Bellway p.l.c.	25	2520	252010
Axel Springer SE	25	2540		Belvoir Lettings Plc			601020
Axfood AB (publ)	30	3010		Benefit Systems S.A.	20	2020	202020
Axis AB (publ)	45	4520	452030	Bénéteau S.A.	25	2520	252020
Axway Software SA	45	4510		Berling S.A.	20	2010	201070
Azimut Holding S.p.A.			402030	Bertrandt Aktiengesellsch	20	2020	202020
B&C Speakers S.p.A.	25	2520	252010	Best Union Company S.p.A.	20	2020	202010
B.P. Marsh & Partners PLC			402030	Beta Systems Software AG	45	4510	451030
B.V. Delftsch Aardewerkfa	25	2520	252010	Bet-At-Home.com AG	25	2530	253010
B+S Banksysteme Aktienges	45	4510	451010	Beter Bed Holding N.V.	25	2550	255040
Babcock International Gro	20			Betsson AB	25	2530	253010
BAE Systems plc	20	2010	201010	BHS tabletop AG	25	2520	252010
Baillie Gifford Shin Nipp			402030	Bialetti Industrie S.p.A	25	2520	252010
Banca Finnat Euramerica S			402030	Biesse S.p.A.	20	2010	201060
Banca Generali S.p.A.			402030	Big Yellow Group Plc			601010
Banca IFIS S.p.A.			402010	BigBen Interactive	25		
Banco Bilbao Vizcaya Arge			401010	Bijou Brigitte modische A	25	2520	252030
Banco BPI, S.A.			401010	Bilia AB	25	2550	255040
Banco de Sabadell, S.A.			401010	BillerudKorsnäs AB (publ)	15		151030
Banco di Desio e della Br			401010	BinckBank N.V.			402030
Banco di Sardegna S.p.A.			401010	BioGaia AB	35	3520	352010
Banco Santander, S.A.			401010	bioMérieux S.A.	35	3510	351010
Bank BGZ BNP Paribas S.A.			401010	Bioquell plc	35	3510	351010
Bank Handlowy w Warszawie			401010	Biotage AB	35	3520	352030
Bank Millennium S.A.			401010	Biotest Aktiengesellschaf	35	3520	352010
Bank of Georgia Group PLC			401010	Bittium Oyj	45	4510	451030

Björn Borg AB (publ)	25			Burberry Group plc	25	2520	252030
BlackRock Greater Europe		402030		Bure Equity AB			402030
BlackRock Income and Grow		402030		Bureau Veritas SA	20	2020	202020
Blanco Technology Group	45	4510	451030	Burelle SA	25	2510	251010
Bloomsbury Publishing plc	25	2540		Buzzi Unicem SpA	15		151020
Bodegas Riojanas, S.A.	30	3020	302010	Byggmax Group AB (publ)	25	2550	255040
Bodycote plc	20	2010		Bytom S.A.	25	2520	252030
Boiron SA	35	3520	352020	C&C Group plc	30	3020	302010
Boliden AB	15		151040	C.N.T.E.E. Transelectrica	55		551010
Bollore	20	2030	203010	CA Immobilien Anlagen AG			601020
Bolsas y Mercados Españ.,			402030	CAD IT S.p.A.	45	4510	451030
Bonduelle SA	30	3020	302020	Caffyns plc	25	2550	255040
Borussia Dortmund GmbH &	25	2540		Cairo Communication S.p.A	25	2540	
Boryszew S.A.	15		151040	Caisse Reg. de Credit Agr			401010
Boule Diagnostics AB (pub	35	3510	351010	Caisse Régionale Crédit A			401010
Bourrelier Group SA	25	2550	255040	Caisse régionale de Crédi			401010
Bovis Homes Group PLC	25	2520	252010	CaixaBank, S.A.			401010
Bowim S.A.	20	2010	201070	Caledonia Investments plc			402030
BP p.l.c.	10	1010	101020	Caltagirone SpA	15		151020
BPER Banca S.p.A.			401010	Cambria Automobiles plc	25	2550	255040
Braemar Shipping Services	20	2030	203050	Camellia PLC	30	3020	302020
BRD - Groupe Société Géné			401010	Campine NV	15		
Brd. Klee A/S	20	2010	201070	Cancom SE	45	4510	451020
Brembo S.p.A.	25	2510	251010	Capgemini SE	45	4510	451020
Brenntag AG	20	2010	201070	Capital & Regional Plc			601010
Brewin Dolphin Holdings P			402030	Capital Gearing Trust p.l			402030
Briju S.A.	25	2520	252030	Capital Partners S.A.			402030
British American Tobacco	30	3020		CapMan Oyj			402030
Britvic Plc	30	3020	302010	Care Property Invest NV			601010
Brødrene A & O Johansen A	20	2010	201070	CareTech Holdings PLC	35	3510	351020
Brødrene Hartmann A/S	15		151030	Cargotec Corporation	20	2010	201060
Brooks Macdonald Group pl			402030	Carl Zeiss Meditec AG	35	3510	351010
Brunel International N.V.	20	2020	202020	Carlsberg A/S	30	3020	302010
Brunello Cucinelli S.p.A.	25	2520	252030	Carrefour SA	30	3010	
BSC Drukarnia Opakowan Sp	15		151030	Carr's Group plc	30	3020	302020
BT Group plc	50		501010	Casino, Guichard-Perracho	30	3010	
BT Holding	30	3020		Castellum AB			601020
BTG plc	35	3520	352020	Castings P.L.C.	15		151040
BTS Group AB (publ)	20	2020	202020	Catella AB (publ)			402030
Bucharest Stock Exchange			402030	Catena AB (publ)			601020
Budapesti Elektromos Muve	55		551010	Catering International &	20	2020	202010
Budimex SA	20	2010	201030	CBo Territoria Société An			601020
Bulten AB (publ)	25	2510	251010	cBrain A/S	45	4510	451030
Bumech S.A.	20	2020	202010	CCC S.A.	25	2520	
Bunzl plc	20	2010	201070	CD Projekt S.A.	45	4510	

Ceconomy AG	25	2550	255040	comdirect bank Aktiengese			401010
CeGeREAL			601010	Communis plc	20	2020	202010
CellaVision AB (publ)	35	3510	351010	Comp S.A.	45	4510	451020
Cembre S.p.A.	20	2010	201040	Compagnie de Saint-Gobain	20	2010	
Cementir Holding S.p.A.	15		151020	Compagnie d'Entreprises C	20	2010	201030
CENIT Aktiengesellschaft	45	4510	451030	Compagnie des Alpes SA	25	2530	253010
Cenkos Securities plc			402030	Compagnie du Bois Sauvage			402010
Central Asia Metals Plc	15		151040	Compagnie Du Mont-Blanc	25	2530	253010
Central Cooperative Bank			401010	Compagnie Générale des Ét	25	2510	251010
Centrale del Latte d'Ital	30	3020	302020	Compagnie Industrielle Fi	20	2010	201030
Centrica plc	55		551030	Compagnie Lebon			402030
CENTROTEC Sustainable AG	20	2010	201020	Compagnie Plastic Omnium	25	2510	251010
Centrum Medyczne ENEL-MED	35	3510	351020	Compass Group PLC	25	2530	253010
Centrum Nowoczesnych Tech	20	2010	201030	CompuGroup Medical Societ	35	3510	351030
CEWE Stiftung & Co. KGaA	20	2020	202010	Computacenter plc	45	4510	451020
CEZ Distribution Bulgaria	55		551010	Concentric AB (publ)	20	2010	201060
CEZ, a. s.	55			Concurrent Technologies p	45	4520	452020
Charles Stanley Group plc			402030	Consilium AB (publ)	45	4520	452030
Charles Taylor plc			403010	Consort Medical plc	35	3510	
Chelverton UK Dividend Tr			402030	Constantin Medien AG	25	2540	
Cherry AB (publ)	25	2530	253010	Construcciones y Auxiliar	20	2010	201060
Chesnara plc			403010	Constructions Industriell	20	2020	202010
Chimimport AD	20	2010		ContextVision AB (publ)	35	3510	351030
Churchill China plc	25	2520	252010	Continental Aktiengesells	25	2510	251010
CIE Automotive, S.A.	25	2510	251010	Conygar Investment Compan			601020
CIG Pannónia Életbiztosít			403010	Corbion N.V.	15		151010
Cineworld Group plc	25	2540		Corem Property Group AB (			601020
Citycon Oyj			601020	Cosmo Pharmaceuticals N.V	35	3520	352020
Clas Ohlson AB (publ)	25	2550	255040	Costain Group plc	20	2010	201030
Clasquin S.A.	20	2030	203010	Courtois S.A.			601020
Clínica Baviera, S.A.	35	3510	351020	Covivio			601010
Clinigen Group Plc	35			Cpl Resources plc	20	2020	202020
Cliq Digital AG	45	4510	451030	C-QUADRAT Investment AG			402030
Cloetta AB (publ)	30	3020	302020	CR Capital Real Estate AG			601020
CLS Holdings plc			601020	Cramo Oyj	20	2010	201070
CNP Assurances SA			403010	Craneware plc	35	3510	351030
Cofina, SGPS, S.A.	25	2540		Cranswick plc	30	3020	302020
Cofinimmo SA			601010	Creades AB			402010
Cohort PLC	20			Crédit Agricole S.A.			401010
Coil S.A./N.V.	15		151040	Credito Emiliano S.p.A.			401010
Colas SA	20	2010	201030	Crest Nicholson Holdings	25	2520	252010
Colian Holding S.A.	30	3020	302020	CRH plc	15		151020
Coloplast A/S	35	3510	351010	Croda International plc	15		151010
Columbus A/S	45	4510	451020	CropEnergies AG	10	1010	101020
Comarch S.A.	45	4510		CSP International Fashion	25	2520	252030

Ctac N.V.	45	4510	451020	DEUTZ Aktiengesellschaft	20	2010	201060
CTS Eventim AG & Co. KGaA	25			Devoteam SA	45	4510	451020
CTT Systems AB	20	2010	201010	Devro plc	30	3020	302020
CVS Group plc	35	3510	351020	Dewhurst plc	20	2010	201040
Cyfrowy Polsat S.A.	25	2540		DFDS A/S	20	2030	
D4t4 Solutions Plc	45	4510	451020	Diageo plc	30	3020	302010
Daejan Holdings plc			601020	Dialight plc	20	2010	201040
Daimler AG	25	2510	251020	Dialog Semiconductor Plc	45	4530	
Dairy Crest Group plc	30	3020	302020	DiaSorin S.p.A.	35	3510	351010
Dalet S.A.	45	4510	451030	DIC Asset AG			601020
Damartex	25	2520	252030	Diebold Nixdorf Aktienges	45	4520	452020
Danieli & C. Officine Mec	20	2010	201060	Dierig Holding AG	25	2520	252030
Danone SA	30			D'leteren SA	25		
Dart Group plc	20	2030	203020	Digia Oyj	45	4510	451020
Dassault Aviation SA	20	2010	201010	Digital Bros S.p.A.	45	4510	451030
Dassault Systèmes SE	45	4510	451030	Dillistone Group Plc	45	4510	451030
DATA MODUL Aktiengesellsc	45	4520	452030	Diös Fastigheter AB (publ)			601020
DATAGROUP SE	45	4510	451020	Direct Line Insurance Gro			403010
Datalex plc	45	4510	451010	discoverIE Group plc	45	4520	452030
Datalogic S.p.A.	45	4520	452030	Distribuidora Internacion	30	3010	
Davide Campari-Milano S.p	30	3020	302010	DLSI	20	2020	202020
Debenhams plc	25	2550		DMG MORI AKTIENGESELLSCHA	20	2010	201060
Deceuninck NV	20	2010	201020	DO & CO Aktiengesellschaf	25	2530	253010
Dechra Pharmaceuticals pl	35	3520	352020	Dom Security	45	4520	452030
Decora S.A.	25	2520	252010	Domino's Pizza Group plc	25	2530	253010
Dedicare AB	35	3510	351020	Doro AB (publ)	45	4520	452020
Delfingen Industry S.A.	25	2510	251010	dotDigital Group Plc	45	4510	451030
Delignit AG	15		151050	DPA Group N.V.	20	2020	202020
Delko S.A.	25	2550	255010	Drax Group plc	55		551050
De'Longhi S.p.A.	25	2520	252010	DS Smith Plc	15		151030
Delta Plus Group	20	2020	202010	DSV A/S	20	2030	
Delticom AG	25	2550	255020	Dunelm Group plc	25	2550	255040
DEMIRE Deutsche Mittelsta			601020	Duni AB (publ)	25	2520	252010
Derichebourg	20	2020	202010	Dürkopp Adler AG	20	2010	201060
Derwent London Plc			601010	E.ON SE	55		551030
Deufol SE	20	2030	203010	EASY SOFTWARE AG	45	4510	451030
Deutsche Balaton AG			402030	easyJet plc	20	2030	203020
Deutsche Beteiligungs AG			402030	Ebro Foods, S.A.	30	3020	302020
Deutsche Börse Aktiengese			402030	ECA SA	20	2010	201010
Deutsche EuroShop AG			601020	Echo Investment S.A.			601020
Deutsche Lufthansa Aktien	20	2030		Eckert & Ziegler BEBIG S.	35	3510	351010
Deutsche Post AG	20	2030	203010	Eckert & Ziegler Strahlen	35	3510	351010
Deutsche Real Estate AG			601020	Eckoh Plc	45	4510	451020
Deutsche Telekom AG	50			ECO Animal Health Group p	35	3520	352020
Deutsche Wohnen SE			601020				

Econocom Group SE	45	4510	451020	Enervit S.p.A.	30	3030	303020
ecotel communication ag	50			Eolus Vind AB	20	2010	201030
ED Invest Spółka Akcyjna			601020	EP Global Opportunities T			402030
edding AG	20	2020	202010	EPC Groupe	15		151010
EDP - Energias de Portuga	55		551010	eQ Oyj			402030
EDP Renováveis, S.A.	55		551050	Erbud S.A.	20	2010	201030
egetæpper a/s	25	2520	252010	Ercros, S.A.	15		151010
EI Towers S.p.A	50		501010	ERG S.p.A.	55		551050
Eifelhöhen-Klinik AG	35	3510	351020	ERG Spółka Akcyjna	15		151010
Eiffage SA	20	2010	201030	Ergis S.A.	15		151010
Einhell Germany AG	25	2520	252010	Ericsson Nikola Tesla d.d	45	4520	452010
Eko Export S.A.	15		151010	ESI Group SA	45	4510	451030
Elanders AB (publ)	20	2020	202010	ESOTIQ & Henderson S.A.	25	2520	252030
Elecnor, S.A.	20	2010	201030	Esprinet S.p.A.	45	4520	452030
Elecster Oyj	20	2010	201060	Essilor Int'l Société Ano	35	3510	351010
Electra Gruppen AB (publ)	25	2550	255040	esure Group plc			403010
Electra Private Equity PL			402030	Észak-magyarországi Árams	55		551010
Electricité de France S.A	55		551010	Etn. Fr. Colruyt NV	30	3010	
Électricite de Strasbourg	55		551010	EuKedos S.p.A.	35	3510	351020
Electrocomponents plc	45	4520	452030	Euler Hermes Group SA			403010
Elekta AB (publ)	35	3510	351010	Eurazeo SE			402010
Elektrobudowa SA	20	2010		Euro Ressources S.A.	15		151040
Elektrotim S.A.	20	2010	201040	Eurocommercial Properties			601010
Elemental Holding S.A.	20	2020	202010	Eurofins Scientific SE	35	3520	352030
Elementis plc	15		151010	EuroInvestor.com A/S	45	4510	451010
Elhim-Iskra JSC	20	2010	201040	EUROKAI GmbH & Co. KGaA	20	2030	203050
Elia System Operator SA	55		551010	Euromedis Groupe	35	3510	351010
Elica S.p.A.	25	2520	252010	Euronav NV	10	1010	101020
Elisa Oyj	50		501010	European Reliance Gen. In			403010
ELMOS Semiconductor AG	45	4530		Europejskie Centrum Odszk			403010
Elos Medtech AB (publ)	35	3510	351010	Euro-Tax.pl S.A.			402010
ElringKlinger AG	25	2510	251010	Eurotel S.A.	45	4520	452030
Eltrak S.A.	20	2010	201070	Eutelsat Communications S	25	2540	
Emak S.p.A.	25	2520	252010	EVN AG	55		551010
EMIS Group plc	35	3510	351030	Evolis SA	45		
Emperia Holding S.A.	30	3010		Evotec AG	35	3520	352030
Empresaria Group plc	20	2020	202020	EVS Broadcast Equipment S	45	4520	452010
Enagás, S.A.	10	1010	101020	eWork Group AB (publ)	45	4510	451020
EnBW Energie Baden-Württe	55			Exacompta Clairefontaine	15		151050
Encavis AG	55		551050	Exel Composites Oyj	20	2010	201060
ENCE Energía y Celulosa,	15		151050	Exel Industries Société A	20	2010	201060
Endesa, S.A.	55		551010	Exor N.V.			402010
Enea AB (publ)	45	4510	451020	Exprivia S.p.A.	45	4510	451030
Enel SpA	55		551010	EYEMAXX Real Estate AG			601020
Energiekontor AG	55		551050	F&C Capital and Income In			402030

F&C Global Smaller Compan			402030	First Sensor AG	45	4530	
F&C Private Equity Trust			402030	Firstgroup plc	20	2030	203040
F&C UK Real Estate Invest			601010	Fiskars Oyj Abp	25	2520	252010
F. Ramada Investimentos,	15		151040	Fleury Michon SA	30	3020	302020
F.E. Bording A/S	20	2020	202010	Flexopack Soc. Anonyme Pl	15		151030
F.G. Europe S.A.	25	2550	255010	FLSmith & Co. A/S	20		
Fabasoft AG	45	4510	451030	Flügger A/S	15		151010
Fabege AB (publ)			601020	Flughafen Wien Aktiengese	20	2030	203050
Fabryka Obrabiarek RAFAME	20	2010	201060	FNM S.p.A.	20	2030	203040
Fabryki Mebli Forte Spółk	25	2520	252010	Folli-Follie Commercial M	25		
Fabryki Sprzetu i Narzedz	20	2010	201060	Foncière des Murs			601010
Faes Farma, S.A.	35	3520	352020	Foncière Volta			601020
Famur S.A.	20	2010	201060	Foreign & Colonial Invest			402030
Farmaceutica REMEDIA S.A.	30	3010		FORIS AG			402010
Fast Finance S.A.			402020	Formpipe Software AB	45	4510	451030
Fastighets AB Balder (pub			601020	Fortec Elektronik AG	45	4520	
FastPartner AB (publ)			601020	Fortum Oyj	55		
Faurecia S.A.	25	2510	251010	Fortuna Entertainment Gro	25	2530	253010
Fazerles AD	15		151050	freenet AG	50		501020
FBD Holdings plc			403010	Frenkel Topping Group Plc			402030
Feelgood Svenska AB (publ	35	3510	351020	Fresenius Medical Care AG	35	3510	351020
Fenner PLC	20	2010	201060	Fresenius SE & Co. KGaA	35	3510	351020
Ferrexpo Plc	15		151040	Fresnillo PLC	15		151040
FERRO S.A.	20	2010	201020	Frey SA			601010
Ferrovial, S.A.	20			FRIWO AG	20	2010	201040
Fiat Chrysler Automobiles	25	2510	251020	Fromageries Bel SA	30	3020	302020
Fidelity Asian Values PLC			402030	FRoSTA Aktiengesellschaft	30	3020	302020
Fidelity Investment Trust			402030	Fuller, Smith & Turner P.	25	2530	253010
Fidelity Japan Trust PLC			402030	Funespaña, S.A.	25	2530	
Fidessa group plc	45	4510	451030	FW Thorpe Plc	20	2010	201040
Fidia S.p.A.	20			G4S plc	20	2020	202010
Fiducial Real Estate SA			601020	G5 Entertainment AB (publ	45	4510	451030
Fielmann Aktiengesellscha	25	2550	255040	Gabriel Holding A/S	25	2520	252030
Financière de l'Odet SA	20	2030	203010	Gama Aviation Plc	20	2030	203020
Fingerprint Cards AB (pub	45	4520	452030	Games Workshop Group PLC	25	2520	
FinLab AG			402030	Gas Plus S.p.A.	10	1010	101020
Finnair Oyj	20	2030	203020	Gattaca plc	20	2020	202020
Finsbury Food Group Plc	30	3020	302020	Gaumont SA	25	2540	
Finsbury Growth & Income			402030	GB Group plc	45	4510	451030
FinTech Group AG			402030	GEA Group Aktiengesellsch	20	2010	201060
FireAngel Safety Technolo	25	2520	252010	Gecina			601010
First Capital S.p.A.			402030	Gelsenwasser AG	55		551030
First Derivatives plc	45	4510		General Commercial & Indu	20	2010	201070
First Investment Bank AD			401010	Generic Sweden AB	45	4510	451020
First Property Group plc			601020	Genting Singapore Limited	25	2530	253010

Geox S.p.A.	25	2520	252030	Groupe Pizzorno Environne	20	2020	202010
Gérard Perrier Industrie	20	2010	201040	Grupa Azoty Zakłady Chemi	15		151010
Geratherm Medical AG	35	3510	351010	Grupa Kapitalowa IMMOBILE	20	2010	
Gerry Weber International	25			Grupa Zywiec S.A.	30	3020	302010
Getin Holding S.A.			401010	Grupo Catalana Occidente,			403010
Getin Noble Bank S.A.			401010	GSW Immobilien AG			601020
Getinge AB	35	3510		Guerbet SA	35	3510	351010
Getlink S.E.	20	2030	203050	Guideline Geo AB (publ)	10	1010	101010
Gévelot SA	20	2010	201060	Guillemot Corporation S.A	45	4520	452020
GFI Informatique SA	45	4510	451020	Gunnebo AB	20	2020	202010
GFT Technologies SE	45	4510	451020	H & M Hennes & Mauritz AB	25	2550	255040
GIMV NV			402030	H&R GmbH & Co. KGaA	15		151010
GK Software SE	45	4510	451030	H+H International A/S	15		151020
GL Events	20	2020	202010	HAEMATO AG	35	3510	351020
Glanbia plc	30			Haldex AB (publ)	20	2010	201060
GlaxoSmithKline plc	35	3520	352020	Halfords Group plc	25	2550	255040
GO p.l.c.	50		501010	Halma plc	45	4520	452030
Gobarto S.A.	30	3020	302020	Hamborner REIT AG			601010
Gooch & Housego PLC	45	4520	452030	Hamburger Hafen und Logis	20	2030	203050
Good Energy Group PLC	55			Hannover Rück SE			403010
Götenehus Group AB (publ)	25	2520	252010	Hanstee Holdings PLC			601010
Gr. Sarantis S.A.	30	3030		Harboes Bryggeri A/S	30	3020	302010
Grafenia Plc	20	2020	202010	Hargreaves Lansdown plc			402030
Graines Voltz	25	2550	255010	Hargreaves Services Plc	10	1010	101020
Grainger plc			601020	Harper Hygienics S.A.	30	3030	303020
Grammer AG	25	2510	251010	Harvey Nash Group plc	20	2020	202020
Grand City Properties S.A			601020	Hasen-Immobilien AG			601020
Graphisoft Park SE Real E			601020	Haulotte Group SA	20	2010	201060
Greek Organization of Foo	25	2530	253010	Hawesko Holding Aktienges	30	3010	
Greencore Group plc	30	3020	302020	Hays plc	20	2020	202020
Greene King plc	25	2530	253010	Headlam Group plc	25	2550	255010
Greenyard NV	30	3020	302020	HEBA Fastighets AB (publ)			601020
Greggs plc	25	2530	253010	Heineken N.V.	30	3020	302010
Grenke AG			402010	Helical plc			601020
Gresham Technologies plc	45	4510		Hellenic Exchanges			402030
Grifols, S.A.	35	3520	352010	Hellenic Telecommunicatio	50		
Grigeo AB	15		151050	Henderson European Focus			402030
Grodno Spółka Akcyjna	20	2010	201070	Henderson EuroTrust plc			402030
Groothandelsgebouwen N.V.			601020	Henderson High Income Tru			402030
Groupe Bruxelles Lambert			402010	Henderson Opportunities T			402030
Groupe Capelli			601020	Henry Boot PLC	25	2520	252010
Groupe CRIT SA	20	2020	202020	Hera S.p.A.	55		
Groupe Guillin S.A.	15		151030	Herald Investment Trust P			402030
Groupe Open	45	4510	451020	Herkules S.A.	20	2010	201070
Groupe Partouche SA	25	2530	253010	Hermès International Soci	25	2520	252030

Hexagon AB (publ)	45	4520	452030	IGE+XAO Group	45	4510	451030
HEXPOL AB (publ)	15		151010	Iktinos Hellas S.A.	15		151040
HICL Infrastructure Compa			402030	Iliad SA	50		501010
High Co. SA	25	2540		IMC S.A.	30	3020	302020
Highbridge Multi-Strategy			402030	Imerys SA	15		151020
Highcroft Investments Plc			601010	IMI plc	20	2010	201060
Highland Gold Mining Limi	15		151040	Immo Moury SCA			601020
Hill & Smith Holdings PLC	15		151040	Immobiliare Grande Distri			601010
Hilton Food Group plc	30	3020	302020	Immobiliere Dassault SA			601010
HiQ International AB (pub	45	4510	451020	Impax Asset Management Gr			402030
HMS Networks AB (publ)	45	4520	452030	Impax Environmental Marke			402030
HOCHTIEF Aktiengesellscha	20	2010	201030	Impel S.A.	20	2020	202010
HolidayCheck Group AG	45	4510	451010	Impexmetal S.A.	15		151040
Holland Colours NV	15		151010	IMS S.A.	25	2540	
Home Invest Belgium S.A.			601010	Inchcape plc	25	2550	
HomeServe plc	20	2020	202010	India Capital Growth Fund			402030
Hopscotch Global PR Group	25	2540		IndigoVision Group plc	45	4520	452030
Hornbach Baumarkt AG	25	2550	255040	INDUS Holding AG	20	2010	
House of Friends AB (publ	25	2540		Industria de Diseño Texti	25	2550	255040
Howden Joinery Group Plc	20	2010	201070	Indutrade AB (publ)	20	2010	201070
Hrvatski Telekom d.d.	50		501010	Infas Holding Aktiengesel	25	2540	
HSBC Trinkaus & Burkhardt			401010	Infineon Technologies AG	45	4530	
Hufvudstaden AB (publ)			601020	Informa plc	25	2540	
Hugo Boss AG	25	2520	252030	Infotel SA	45	4510	451020
Huhtamäki Oyj	15		151030	ING Bank Slaski S.A.			401010
HUP-Zagreb d.d.	25	2530	253010	ING Groep N.V.			401010
Husqvarna AB (publ)	25	2520	252010	Ingenico Group - GCS	45	4520	452030
Hypoport AG			402010	init innovation in traffi	45	4510	451030
I.M.A. Industria Macchine	20	2010	201060	Inmarsat Plc	50		501010
IAR Systems Group AB (pub	45	4510	451030	Inmobiliaria del Sur, S.A			601020
IASO S.A.	35	3510	351020	Innofactor Plc	45	4510	451010
Iberdrola, S.A.	55			Innotec TSS AG	20	2010	201020
Iberpapel Gestión, S.A.	15		151050	Inspiration Healthcare Gr	35	3510	351010
Ibersol, S.G.P.S., S.A.	25	2530	253010	Instal Kraków S.A.	20	2010	201030
IC Group A/S	25	2520	252030	Installux SA	20	2010	201020
Icade			601010	Instem plc	35	3510	351030
ICG Enterprise Trust PLC			402030	Inter Cars S.A.	25	2550	255010
ICT Group N.V.	45	4510	451030	InterCard AG Informations	45	4520	452020
ID Logistics Group SA	20	2030	203010	INTERFERIE Spółka Akcyjna	25	2530	253010
IDI			402030	Intermediate Capital Grou			402030
IDOX plc	45	4510		International Fibres Grou	20	2010	201060
IFA Hotel & Touristik Akt	25	2530	253010	International Personal Fi			402020
IFG Group plc			402010	International Public Part			402030
IG Design Group Plc	25	2520	252010	InterParfums SA	30	3030	303020
IG Group Holdings plc			402030	Interpump Group S.p.A.	20	2010	201060

InterQuest Group plc	20	2020	202020	Joh. Friedrich Behrens AG	20	2010	201020
Intertek Group plc	20	2020	202020	John Wood Group PLC	10	1010	101010
Intervest Offices & Wareh			601010	Johnson Matthey Plc	15		151010
Int'l Consolidated Airlin	20	2030	203020	Johnson Service Group PLC	20	2020	202010
Introl S.A.	45	4520	452030	JPMorgan American Investm			402030
intu properties plc			601010	JPMorgan Chinese Investme			402030
Invesco Perpetual Enhance			402030	JPMorgan Claverhouse Inve			402030
INVESCO Perpetual UK Smal			402030	JPMorgan Global Growth &			402030
Investment AB Latour (pub	20	2010		JPMorgan Japan Smaller Co			402030
Investment AB Öresund (pu			402010	JPMorgan US Smaller Compa			402030
Investor AB			402010	Judges Scientific plc	20	2010	201060
INVISIO Communications AB	45	4520	452010	Jumbo S.A.	25	2550	255040
InVision Aktiengesellscha	45	4510	451030	Junghenrich Aktiengesell	20	2010	201060
iomart Group plc	45	4510	451010	Jupiter European Opportun			402030
Ion Beam Applications SA	35	3510	351010	Jupiter Fund Management P			402030
IP Group Plc			402030	Jupiter US Smaller Compan			402030
IPOPEMA Securities Spółka			402030	Jyske Bank A/S			401010
Ipsen S.A.	35	3520	352020	K+S Aktiengesellschaft	15		
Ipsos SA	25	2540		K2 Internet S.A.	45	4510	451010
IRCE S.p.A.	20	2010	201040	K3 Business Technology Gr	45	4510	451030
Iren SpA	55			KABE Group AB (publ.)	25	2520	252020
Isagro S.p.A.	15		151010	KAP Beteiligungs-AG	20		
Isra Vision AG	45	4520	452030	KappAhl AB (publ)	25	2550	255040
IT Link SA	45	4510	451030	Kapsch TrafficCom AG	45	4520	452030
ITAB Shop Concept AB (pub	20	2020	202010	Karelia Tobacco Company I	30	3020	
ITE Group plc	25	2540		KAS BANK N.V.			402030
Itesoft S.A.	45	4510	451030	Kaufman & Broad S.A.	25	2520	252010
ITS Group	45	4510	451020	KBC Group NV			401010
ITV plc	25	2540		KCOM Group PLC	50		501010
IVU Traffic Technologies	45	4510	451030	Keller Group plc	20	2010	201030
Izostal Spółka Akcyjna	15		151040	Kemira Oyj	15		151010
J D Wetherspoon plc	25	2530	253010	Kering SA	25		
J Sainsbury plc	30	3010		Kernel Holding S.A.	30	3020	302020
J.W. Construction Holding			601020	Kerry Group plc	30	3020	302020
Jacquet Metal Service SA	20	2010	201070	Keskisuomalainen Oyj	25	2540	
James Fisher and Sons plc	20	2030		Kesla Oyj	20	2010	201060
James Halstead plc	20	2010	201020	Keyrus S.A.	45	4510	451020
James Latham plc	20	2010	201070	Keystone Investment Trust			402030
Jardine Lloyd Thompson Gr			403010	Keyware Technologies NV	45	4510	451020
Jarvis Securities plc			402030	Keyyo S.A.	50		501010
JD Sports Fashion plc	25	2550	255040	KGHM Polska Miedz Spółka	15		151040
Jenoptik AG	45			Kier Group plc	20		
Jensen-Group NV	20	2010	201060	Kingfisher plc	25	2550	255040
Jerónimo Martins, SGPS, S	30	3010		Kingspan Group plc	20	2010	201020
JM AB (publ)	25	2520	252010	Kino Polska TV Spolka Akc	25	2540	

Klassik Radio AG	25	2540		Laurent-Perrier S.A.	30	3020	302010
Klövern AB			601020	LC Corp S.A.			601020
Knowit AB (publ)	45	4510	451020	Le Bélier SA	15		151040
Københavns Lufthavne A/S	20	2030	203050	Leasinvest Real Estate SC			601010
Koenig & Bauer AG	20	2010	201060	Lectra SA	45	4510	451030
Komerční banka, a.s.			401010	LEG Immobilien AG			601020
Komputronik S.A.	25	2550	255040	Legal & General Group Plc			403010
Koncar - Distribution and	20	2010	201040	Legrand SA	20	2010	201040
Koncar - Elektroindustrij	20	2010	201040	Leifheit Aktiengesellscha	25	2520	252010
KONE Oyj	20	2010	201060	Lena Lighting S.A.	20	2010	201040
Konecranes Plc	20			Lenzing Aktiengeselschaf	15		151010
Koninklijke Ahold Delhaiz	30	3010		Les Nouveaux Constructeur			601020
Koninklijke Brill NV	25	2540		Liburnia Riviera Hoteli d	25	2530	253010
Koninklijke KPN N.V.	50			Lietuvos energijos gamyba	55		551050
Koninklijke Philips N.V.	35	3510	351010	Lighthouse Group plc			402030
Koninklijke Wessanen N.V.	30	3020	302020	Lindab International AB	20	2010	201020
Konsorcjum Stali S.A.	15		151040	Linde Aktiengesellschaft	15		151010
Korian	35	3510	351020	Lindsell Train Investment			402030
KPS AG	45	4510	451020	Linedata Services S.A.	45	4510	451030
Krakchemia S.A.	20	2010	201070	Lingotes Especiales, S.A.	25	2510	251010
Kras d.d.	30	3020	302020	Linz Textil Holding Aktie	25	2520	252030
Kri Kri S.A.	30	3020	302020	Liontrust Asset Managemen			402030
Krka, d. d.	35	3520	352020	Lisi S.A.	20	2010	201010
KROMI Logistik AG	20	2010	201070	Lloyds Banking Group plc			401010
Krones AG	20	2010	201060	LNA Santé SA	35	3510	351020
KRUK Spółka Akcyjna			402020	L'Occitane International	25	2550	255040
Krynicky Recykling Spółka	20	2020	202010	Logicom Public Limited	45	4520	452030
KSB SE & Co. KGaA	20	2010	201060	Lok'nStore Group plc			601020
KTM Industries AG	25	2510	251020	Lollands Bank A/S			401010
KUKA Aktiengesellschaft	20	2010	201060	LondonMetric Property Plc			601010
Kulmbacher Brauerei Aktie	30	3020	302010	Lookers plc	25	2550	255040
Kungsleden AB			601020	Loomis AB (publ)	20	2020	202010
KWS Saat SE	30	3020	302020	L'Oréal S.A.	30	3030	303020
L.D.C. S.A.	30	3020	302020	Lotus Bakeries NV	30	3020	302020
La Doria SpA	30	3020	302020	Loulis Mills S.A.	30	3020	302020
Laboratorios Farmaceutico	35	3520	352020	Low & Bonar plc	15		151020
Lacroix SA	45	4520	452030	Lowland Investment Compan			402030
Lagardère SCA	25			LPA Group plc	20	2010	201040
Lagercrantz Group AB (pub	45	4520		LPKF Laser & Electronics	45	4520	452030
L'Air Liquide S.A.	15		151010	LPP SA Capital Group	25	2520	252030
Laird PLC	45	4520		LS telecom AG	45	4510	
Lammhults Design Group AB	20	2020	202010	LSL Property Services Plc			601020
Land Securities Group plc			601010	Lubawa S.A.	20	2010	201010
Lanson-BCC	30	3020	302010	Lubelski Wegiel Bogdanka	10	1010	101020
Lassila & Tikanoja Oyj	20	2020	202010	LUDWIG BECK am Rathauseck	25	2550	

LUG S.A.	20	2010	201040	Melexis NV	45	4530	
Luka Koper d.d.	20	2030	203050	Meliá Hotels Internationa	25	2530	253010
Lumibird	45	4520	452030	Melrose Industries PLC	20		
Luxempart S.A.			402030	Mensch und Maschine Softw	45	4510	451030
Luxottica Group S.p.A.	25	2520	252030	Mercialys			601010
M Winkworth PLC			601020	Merck Kommanditgesellschaft	35	3520	352020
M&C Saatchi plc	25	2540		Mercor SA	20	2010	201020
M.P. Evans Group plc	30	3020	302020	Métropole Télévision S.A.	25	2540	
M.W. Trade Spółka Akcyjna			402030	Metsä Board Oyj	15		151050
M+S Hydraulic AD	20	2010	201060	Metso Corporation	20	2010	201060
MacFarlane Group plc	20	2010	201070	MeVis Medical Solutions A	35	3510	351030
Magyar Telekom Telecommun	50		501010	Mex Polska Spółka Akcyjna	25	2530	253010
Mainova AG	55		551030	Michelmersh Brick Holding	15		151020
Maire Tecnimont S.p.A.	20	2010	201030	Micro Systemation AB (pub	45	4510	451030
Maisons France Confort S.	25	2520	252010	Microgen plc	45	4510	451030
Majedie Investments PLC			402030	Mid Wynd International In			402030
Makarony Polskie S.A.	30	3020	302020	Midsona AB (publ)	30	3030	303020
Malmbergs Elektriska AB (	20	2010	201070	Millennium & Copthorne Ho	25	2530	253010
MAN SE	20	2010	201060	Millicom International Ce	50		501020
Mangata Holding S.A.	20	2010	201060	Miquel y Costas & Miquel,	15		151050
Mangold Fondkommission AB			402030	MIRBUD Spółka Akcyjna	20	2010	201030
Manitou BF SA	20	2010	201060	Mitchells & Butlers plc	25	2530	253010
Manutan International SA	25	2550	255020	Miton Global Opportunitie			402030
Mapfre, S.A.			403010	Miton Group plc			402030
Marimekko Oyj	25	2520	252030	MJ Gleeson plc	25	2520	252010
MARR S.p.A.	30	3010		Mobile Streams Plc	45	4510	451010
Marshalls plc	15		151020	Mo-Bruk SA	20	2020	202010
Martin Currie Global Port			402030	Modern Times Group Mtg AB	25	2540	
Maschinenfabrik Berthold	20	2010	201060	MonBat AD	20	2010	201040
Masterflex SE	20	2010	201060	Mondi plc	15		151050
Mattioli Woods PLC			402030	Mondo TV S.p.A.	25	2540	
Mayr-Melnhof Karton AG	15			Moneysupermarket.com Grou	45	4510	451010
mBank S.A.			401010	Montea Comm. VA			601010
McBride plc	30	3030		Moss Bros Group plc	25	2550	255040
McKay Securities Plc			601010	Mota-Engil, SGPS, S.A.	20	2010	201030
Mears Group plc	20	2020	202010	Mountview Estates P.L.C.			601020
Mecanica Ceahlau S.A.	20	2010	201060	Moury Construct SA	20	2010	201030
Media 6 SA	25	2540		Mpac Group plc	20	2010	201060
MEDIACAP SA	25	2540		MQ Holding AB	25	2550	255040
Mediaset España Comunicac	25	2540		MRM			601010
Medicalgorithmics S.A.	35	3510	351010	MS Industrie AG	20	2010	
MEDICLIN Aktiengesellscha	35	3510	351020	MS INTERNATIONAL plc	20	2010	
Medika d.d.	35	3510	351020	MTU Aero Engines AG	20		
Meggitt PLC	20	2010	201010	Mulberry Group plc	25	2520	252030
Mekonomen AB (publ)	25	2550	255040	Müller - Die lila Logisti	20	2030	203010

Münchener Rückversicherun			403010	Nordwest Handel AG	20	2010	201070
Murgitroyd Group plc	20	2020	202020	NORMA Group SE	20	2010	201060
Muza S.A.	25	2540		North Atlantic Smaller Co			402030
MVV Energie AG	55		551030	Northgate plc	20	2030	203040
Mycronic AB (publ)	45	4520	452030	NOS, S.G.P.S., S.A.	25	2540	
N Brown Group plc	25	2550	255020	NOTE AB (publ)	45	4520	452030
N.V. Nederlandsche Appara	45	4520	452030	Novabase SGPS SA	45	4510	451020
Nabaltec AG	15		151010	Novita S.A.	25	2520	252030
Nanogate AG	15		151010	Novo Nordisk A/S	35	3520	352020
National Express Group PL	20	2030	203040	Novotek AB	45	4510	451020
National Grid plc	55			Novozymes A/S	15		151010
Natixis S.A.			402030	NRJ Group SA	25	2540	
Naturgy Energy Group, S.A	55			NSE Industries SA	20	2010	201010
NAXS AB (publ)			402030	NTT System S.A.	45	4520	452020
NCC Group plc	45	4510	451020	Numis Corporation Plc			402030
Nederman Holding AB (publ)	20	2010	201020	NV Bekaert SA	15		151040
Nemetschek SE	45	4510	451030	O2 Czech Republic a.s.	50		501010
Neopost S.A.	45	4520	452020	Ocado Group plc	25	2550	255020
Net Insight AB (publ)	45	4520	452010	Odd Molly International A	25	2520	
Netcall plc	45	4510	451030	OEM International AB (pub	20	2010	201070
NetEnt AB (publ)	45	4510	451010	Oeneo SA	15		151030
Netgem SA	45	4510	451010	OHB SE	20	2010	201010
Netia S.A.	50		501010	Oil & Gas Exploration & P	10	1010	101020
Netmedia Spółka Akcyjna	25	2550	255020	Oil Terminal S.A.	10	1010	101020
NEUCA SA	35	3510	351020	Olvi Oyj	30	3020	302010
Neurones S.A.	45	4510	451020	Olympic Entertainment Gro	25	2530	253010
Neurosoft Software Produc	45	4510		Omega Diagnostics Group P	35	3510	351010
New Wave Group AB (publ)	25			OMV Aktiengesellschaft	10	1010	101020
Neways Electronics Intern	45	4520	452030	OMV Petrom S.A.	10	1010	101020
Newsphone Hellas SA	50		501010	Oponeo.pl S.A.	25	2550	255010
NEX Group plc			402030	Opus Group AB (publ)	45	4520	452030
Nexity SA			601020	Orange Belgium S.A.	50		501020
Next Fifteen Communicatio	25	2540		Orange Polska S.A.	50		501010
Next Plc	25	2550		Orange S.A.	50		
Nexus AG	35	3510	351030	Oranjewoud N.V.	20	2010	201030
NGS Group AB (publ)	35	3510	351020	ORBIS AG	45	4510	451020
Nice S.p.A.	45	4520	452030	Orbis Spółka Akcyjna	25	2530	253010
Nichols plc	30	3020	302010	Orchestra-Prémaman S.A.	25	2520	252030
Nicolás Correa, S.A.	20	2010	201060	Origin Enterprises plc	30	3020	302020
NKT A/S	20	2010	201040	Oriola Oyj	35	3510	351020
NMC Health Plc	35	3510	351020	Orion Oyj	35	3520	352020
Nobia AB (publ)	25	2520	252010	ORPEA Société Anonyme	35	3510	351020
Nokian Renkaat Oyj	25	2510	251010	Orzel Bialy S.A.	20	2020	202010
Nordex SE	20	2010	201040	Österreichische Post AG	20	2030	203010
Nordfyns Bank A/S			401010	OTP Bank Plc.			401010

Ottakringer Getränke AG	30	3020	302010	Piaggio & C. SpA	25	2510	251020
OVB Holding AG			402030	Picanol NV	20	2010	201060
Ovostar Union N.V.	30	3020	302020	Picton Property Income Li			601020
Oxford Metrics plc	45	4510	451030	Piquadro S.p.A.	25	2520	252030
Pacific Horizon Investmen			402030	Piraeus Port Authority S.	20	2030	203050
Paddy Power Betfair plc	25	2530	253010	Piscines Desjoyaux SA	25	2520	252020
PageGroup plc	20	2020	202020	Pittler Maschinenfabrik A	20	2010	201060
Palfinger AG	20	2010	201060	Plaisio Computers S.A.	25	2550	255040
Panariagroup Industrie Ce	20	2010	201020	Plastics Capital plc	15		
Pandora A/S	25	2520	252030	Plastiques du Val de Loir	15		151010
Pantheon International PL			402030	Plava laguna d.d.	25	2530	253010
Papeles y Cartones de Eur	15			PMPG Polskie Media SA	25	2540	
Paperpack A.B.E.E.	15		151030	PNE AG	20	2010	201040
paragon GmbH & Co. KGaA	25	2510	251010	Pohjois-Karjalan Kirjapai	25	2540	
Paref SA			601010	Polar Capital Holdings pl			402030
Parmalat S.p.A.	30	3020	302020	Polar Capital Technology			402030
Passat Société Anonyme	25	2550	255020	Polmed S.A.	35	3510	351020
Patentus S.A.	20	2010	201060	Polska Grupa Odlewnicza S	15		151040
Patrimoine et Commerce SA			601010	Polytec Holding AG	25	2510	251010
PATRIZIA Immobilien AG			601020	Ponsse Oyj	20	2010	201060
Paul Hartmann AG	35	3510	351010	Poolia AB (publ)	20	2020	202020
PayPoint plc	20	2020	202010	Portmeirion Group plc	25	2520	252010
PCAS SA	35	3520	352030	Porvair plc	20	2010	201060
PCC Exol S.A.	15		151010	Poujoulat SA	20	2010	201020
Peel Hotels plc	25	2530	253010	Powszechna Kasa Oszczedno			401010
PEH Wertpapier AG			402030	Powszechny Zaklad Ubezpie			403010
Pendragon PLC	25	2550	255040	Pozavarovalnica Sava, d.d			403010
Pennant International Gro	45	4510	451030	Prada S.p.A	25	2520	252030
Pennon Group Plc	55		551040	Pragma Faktoring Spolka A			402010
Per Aarsleff Holding A/S	20	2010	201030	Precia SA	20	2010	201060
Pernod Ricard SA	30	3020	302010	Precio Fishbone AB (publ)	45	4510	451020
Persimmon plc	25	2520	252010	Pricer AB (publ)	45	4520	452030
Personal Group Holdings P			403010	Prim, S.A.	35	3510	351010
Petards Group plc	45	4510	451030	Prima Industrie S.p.A.	20	2010	201060
Petro Welt Technologies A	10	1010	101010	Primary Health Properties			601010
Petrol d.d.	25	2550	255040	Prime Office A/S			601020
Petrolina (Holdings) Publ	10	1010	101020	Prime People Plc	20	2020	202020
Pfeiffer Vacuum Technolog	20	2010	201060	Privredna banka Zagreb dd			401010
pferdewetten.de AG	25	2530	253010	Proact IT Group AB (publ)	45	4510	451020
Pfleiderer Group Spólka A	15		151050	Proactis Holdings Plc	45	4510	451030
PFNonwovens a.s.	25	2520	252030	Probi AB (publ)	35	3520	352010
PGE Polska Grupa Energety	55		551010	Procad Spólka Akcyjna	25	2550	255040
Pharmagest Interactive SA	35	3510	351030	Produce Investments plc	30	3020	302020
Philip Morris CR a.s.	30	3020		Prodware	45	4510	451020
Photo-Me International pl	25	2520	252020	Profile Systems & Softwar	45	4510	451030

ProfilGruppen AB (publ)	15		151040	Renault SA	25	2510	251020
Progress Werk Oberkirch A	25	2510	251010	Renew Holdings plc	20	2010	201030
Projprzem S.A.	20	2010	201020	Renishaw plc	45	4520	452030
Prosegur Compañía de Seguros	20	2020	202010	Renk Aktiengesellschaft	25	2510	251010
Provident Financial plc			402020	Reno De Medici S.p.A.	15		151030
Proximus PLC	50		501010	Renta 4 Banco, S.A.			402030
Prudential plc			403010	Reply S.p.A.	45	4510	451020
Prysmian S.p.A.	20	2010		Repsol, S.A.	10	1010	101020
Przedsiębiorstwo Hydrauliki	20	2010	201060	Resilux NV	15		151030
Przedsiębiorstwo Produkcyjnego	15		151050	Retail Estates N.V.			601010
PSB Industries	15		151030	Revenio Group Oyj	35	3510	351010
PSI Software AG	45	4510	451030	Rexel S.A.	20	2010	201070
Publicis Groupe S.A.	25	2540		RHI Magnesita N.V.	15		151020
PUMA SE	25	2520	252030	RHÖN-KLINIKUM Aktiengesellschaft	35	3510	351020
PZ Cussons Plc	30	3030		RIB Software SE	45	4510	451030
QinetiQ Group Plc	20	2010	201010	Ricardo plc	20	2020	202020
Quest for Growth Belgium			402030	Richter Gedeon Vegyészeti	35	3520	352020
R. STAHL AG	20	2010	201060	Ringmetall AG	20	2010	201060
Rába Járműipari Holding N	20	2010		Rio Tinto plc	15		151040
Radisson Hospitality AB (publ)	25	2530	253010	RIT Capital Partners plc			402030
Raiffeisen Bank International			401010	RM plc	45		
Rainbow Tours Spolka Akcyjna	25	2530	253010	Robert Walters plc	20	2020	202020
Raisio plc	30	3020	302020	Robinson plc	15		151030
Ramirent Oyj	20	2010	201070	Rokiskio Suris AB	30	3020	302020
Randstad NV	20	2020	202020	Rolls-Royce Holdings plc	20	2010	
Rapala VMC Corporation	25			Rosenbauer International	20	2010	201060
Rathbone Brothers Plc			402030	Rotala PLC	20	2030	203040
RATIONAL Aktiengesellschaft	20	2010	201060	Rothschild & Co SCA			402030
Ratti S.p.A.	25	2520	252030	Rottneros AB (publ)	15		151050
Raute Oyj	20	2010	201060	Roularta Media Group NV	25	2540	
Rawlplug S.A.	20	2010	201060	Royal Boskalis Westminster	20	2010	201030
Reach plc	25	2540		Royal Dutch Shell plc	10	1010	101020
Real Good Food plc	30	3020	302020	Royal Unibrew A/S	30	3020	302010
RealDolmen NV	45	4510		RPC Group Plc	15		151030
Reckitt Benckiser Group plc	30	3030		RPS Group plc	20	2020	202010
Record plc			402030	RS2 Software p.l.c.	45	4510	451030
Recordati Industria Chimica	35	3520	352020	RSA Insurance Group plc			403010
Red Eléctrica Corporación	55		551010	RTL Group SA	25	2540	
Redde plc	20	2030	203040	RTX A/S	45	4520	
Redrow plc	25	2520	252010	Rubis	55		
Rejlers AB (publ)	20	2020	202020	Ryanair Holdings plc	20	2030	203020
Relpol S.A.	20	2010	201040	S IMMO AG			601020
RELX PLC	20	2020	202020	S&T AG	45		
Rémy Cointreau SA	30	3020	302010	S&U plc			402020
REN - Redes Energéticas N	55			S.C. Aerostar S.A.	20	2010	201010

S.C. Compa SA	25	2510	251010	SEB SA	25	2520	252010
S.C. Romcarbon S.A.	15		151010	Sectra AB (publ)	35	3510	351010
S.C. Ropharma S.A.	30	3010		secunet Security Networks	45	4510	451020
S.N.T.G.N. Transgaz S.A.	10	1010	101020	Secure Trust Bank Plc			401010
S4E S.A.	45	4520	452030	SEGRO plc			601010
Saab AB (publ)	20	2010	201010	Selena FM S.A.	15		151010
Sabaf S.p.A.	25	2520	252010	Seneca Global Income & Gr			402030
Sabeton SA	30	3020	302020	Servizi Italia S.p.A.	35	3510	351020
SAES Getters S.p.A.	45	4520	452030	SES S.A.	25	2540	
Safestore Holdings plc			601010	Severfield plc	20	2010	201030
SAF-Holland S.A.	25	2510	251010	Severn Trent Plc	55		551040
Safran SA	20	2010	201010	Shaftesbury PLC			601010
Saga Furs Oyj	20	2020	202010	SHW AG	25	2510	251010
Salini Impregilo S.p.A.	20	2010	201030	Siemens Gamesa Renewable	20	2010	201040
Salvatore Ferragamo S.p.A	25	2520	252030	SIF Banat-Crisana			402030
Sampo Oyj			403010	SIF Transilvania S.A.			402030
Samse SA	25	2550	255040	Sigma Capital Group plc			601020
Samsonite International S	25	2520	252030	Signaux Girod S.A.	20	2030	203050
Sanderson Group Plc	45	4510	451020	SII (Société pour l'Infor	45	4510	451020
Sandvik AB	20	2010	201060	Siili Solutions Oyj	45	4510	451020
Sanofi	35	3520	352020	Silkeborg IF Invest A/S	25	2540	
Sanok Rubber Company Spól	25	2510	251010	SimCorp A/S	45	4510	451030
SAP SE	45	4510	451030	SIMONA Aktiengesellschaft	15		151010
Sapmer SA	30	3020	302020	Simple S.A.	45	4510	451020
Saponia d.d.	30	3030		SinnerSchrader Aktiengese	25	2540	
Sartorius Stedim Biotech	35	3520	352030	SinterCast AB (publ)	20	2010	201060
SAS AB (publ)	20	2030	203020	Sioen Industries NV	25	2520	252030
Savencia SA	30	3020	302020	SIPEF NV	30	3020	302020
Savills plc			601020	SKAKO A/S	20	2010	201060
SBC Sveriges Bostadsrätts			601020	Skåne-möllan AB (publ)	30	3020	302020
SBM Offshore N.V.	10	1010	101010	Skanska AB (publ)	20	2010	201030
SC Rompetrol Well Service	10	1010	101010	SkiStar AB (publ)	25	2530	253010
Scanfil Oyj	45	4520	452030	Sky plc	25	2540	
Schloss Wachenheim AG	30	3020	302010	SL Private Equity			402030
Schneider Electric S.E.	20			Sligro Food Group N.V.	30	3010	
Schroder Income Growth Fu			402030	Smart Metering Systems Pl	45	4520	452030
Schroder Japan Growth Fun			402030	Smith & Nephew plc	35	3510	351010
Schroder Real Estate Inve			601010	SMT Scharf AG	20	2010	201060
Schroder UK Mid Cap Fund			402030	Smurfit Kappa Group plc	15		
Schroders plc			402030	Snam S.p.A.	10	1010	101020
Schweizer Electronic AG	45	4520	452030	SnowWorld N.V.	25	2530	253010
Science Group plc	20	2020	202020	SNP Schneider-Neureither	45	4510	451020
SCISYS PLC	45	4510		SOCEP S.A.	20	2030	203050
SCOR SE			403010	Socfinasia S.A.	30	3020	302020
Scottish Mortgage Investm			402030	Società Cattolica di Assi			403010

Società Iniziative Autost	20	2030	203050	Stalprodukt S.A.	15	151040
Societatea de Investitii			402030	Standard Chartered PLC		401010
Société Centrale des Bois			601010	Standard Life Aberdeen pl		402010
Société de la Tour Eiffel			601010	Standard Life Equity Inco		402030
Société de Services,de Pa	30	3020	302010	Standard Life UK Smaller		402030
Société Foncière Lyonnais			601010	Stara Planina Hold Plc	20	2010 201060
Société Française de Casi	25	2530	253010	Starbreeze AB (publ)	45	4510 451030
SOCO International plc	10	1010	101020	STEF S.A.	20	2030 203040
Sodifrance SA	45	4510	451020	Stelios Kanakis Industria	30	3010
Sofina Société Anonyme			402010	SThree plc	20	2020 202020
Soft Computing	45	4510	451020	Sto SE & Co. KGaA	15	151020
Softing AG	45			Stobart Group Limited	10	
Software Aktiengesellscha	45	4510	451030	Stora Enso Oyj	15	
Sogclair SA	20	2010	201010	Strabag SE	20	2010 201030
Sogefi S.p.A.	25	2510	251010	STRATEC Biomedical AG	35	3510 351010
SOL Spa	15		151010	Ströer SE & Co. KGaA	25	2540
Solar A/S	20	2010		Subsea 7 S.A.	10	1010 101010
Solid State plc	45	4520	452030	Südwestdeutsche Salzwerke	30	3020 302020
Solvay SA	15		151010	Südzucker AG	30	3020 302020
Somfy SA	20	2010	201040	SUEZ SA	55	551030
Sonaecom, SGPS, S.A.	50		501020	Suominen Oyj	30	3030
Sonel S.A.	45	4520	452030	Superdry Plc	25	2550
Sopharma AD	35			SÜSS MicroTec SE	45	4530
Sopharma Trading AD	35	3510	351020	Svedbergs i Dalstorp AB	20	2010 201020
Sopheon plc	45	4510	451030	Svejsmaskinefabrikken Mi	20	2010 201060
Sopra Steria Group	45	4510	451020	Svenska Cellulosa Aktiebo	15	151050
SP Group A/S	15		151010	Svenska Handelsbanken AB		401010
Spar Nord Bank A/S			401010	Svilosa AD	15	151050
Spectris plc	45	4520	452030	Svolder AB		402010
Speedy JSC	20	2030	203010	Swallowfield plc	30	3030 303020
Spirax-Sarco Engineering	20	2010	201060	Sweco AB (publ)	20	2010 201030
Spirent Communications pl	45	4520		Swedbank AB (publ)		401010
Splendid Medien AG	25	2540		Swedish Orphan Biovitrum	35	3520 352010
Sports Direct Internation	25	2550	255040	Swedol AB	25	2550 255040
SQLi	45	4510	451010	Sword Group S.E.	45	4510
SRT Marine Systems plc	45	4520	452010	Sydbank A/S		401010
SRV Yhtiöt Oyj	20	2010	201030	Synectics plc	45	
SSE plc	55		551010	Synektik Spółka Akcyjna	35	3510 351030
St. James's Place plc			402030	Synergie SE	20	2020 202020
St. Modwen Properties PLC			601020	Synthomer plc	15	151010
STADA Arzneimittel Aktien	35	3520	352020	Synthos S.A.	15	151010
Stadium Group plc	45	4520	452030	System1 Group PLC	25	2540
Staffline Group plc	20	2020	202020	Systemair AB (publ)	20	2010 201020
Stagecoach Group plc	20	2030	203040	Szygy AG	25	2540
Stallergenes Greer Plc	35	3520	352020	TAG Immobilien AG		601020

TAKKT AG	25	2550	255020	The City of London Invest			402030
Talanx Aktiengesellschaft			403010	The Go-Ahead Group plc	20	2030	203040
TalkTalk Telecom Group PL	50		501010	The Independent Investmen			402030
Tallinna Kaubamaja Grupp	30	3010		The Law Debenture Corpora			402030
Tamburi Investment Partne			402030	The Mercantile Investment			402030
Tate & Lyle plc	30	3020	302020	The Monks Investment Trus			402030
TAURON Polska Energia S.A	55		551010	The Navigator Company, S.	15		151050
Taylor Wimpey plc	25	2520	252010	The North American Income			402030
TClarke plc	20	2010	201030	The Restaurant Group plc	25	2530	253010
TDC A/S	50		501010	The Sage Group plc	45	4510	451030
Technopolis Plc			601020	The Scottish American Inv			402030
Technotrans AG	20			The Scottish Investment T			402030
Técnicas Reunidas, S.A.	10	1010	101010	The Unite Group plc			601010
Ted Baker Plc	25	2520		The Vitec Group plc	25	2520	
Tele2 AB (publ)	50		501020	Thermador Groupe SA	20	2010	201070
Telecom Italia S.p.A.	50		501010	Thessaloniki Port Authori	20	2030	203050
Telecom Plus plc	55		551030	Thessaloniki Water Supply	55		551040
Telefonaktiebolaget LM Er	45			Tieto Oyj	45	4510	451020
Telefónica, S.A.	50		501010	Tikkurila Oyj	15		151010
Telekom Austria Aktienges	50		501010	Tipiak Soci��t�� Anonyme	30	3020	302020
Telekom Slovenije, d.d.	50		501010	Titan Cement Company S.A.	15		151020
Teleperformance SE	20	2020	202020	Titon Holdings plc	20	2010	201020
Teleste Corporation	45			Tivoli A/S	25	2530	253010
Telestrada SA	50		501010	Tivoly S.A.	20	2010	201060
T��l��vision Fran��aise 1 SA	25	2540		TKH Group N.V.	20	2010	
Telia Company AB (publ)	50		501010	TMK-Artrom S.A.	15		151040
Telia Lietuva, AB	50		501010	TOD'S S.p.A.	25	2520	252030
Tenaris S.A.	10	1010	101010	Topdanmark A/S			403010
Ter Beke NV	30	3020	302020	Toscana Aeroporti S.p.A.	20	2030	203050
Termo-Rex S.A.	20	2010	201020	Total Produce plc	30	3010	
Terna - Rete Elettrica Na	55		551010	Totalbanken A/S			401010
Terna Energy Societe Anon	55		551050	TOYA Sp��lka Akcyjna	25	2520	252010
TERREIS			601010	Toyota Caetano Portugal,	25	2510	251020
Tesmec S.p.A.	20	2010	201060	TR European Growth Trust			402030
Tessi SA	45	4510	451020	TR Property Investment Tr			402030
Tethys Oil AB (publ)	10	1010	101020	Trace Group Hold PLC	20	2010	201030
Texaf, S.A.			601020	Tracsis plc	45	4510	451030
TFF Group	15		151030	Trakcja PRKil S.A.	20	2010	201030
Thales S.A.	20	2010	201010	Trakm8 Holdings PLC	45	4520	452010
The Alumasc Group plc	20	2010	201020	Travis Perkins plc	20	2010	201070
The Baillie Gifford Japan			402030	Treatt plc	15		151010
The Bankers Investment Tr			402030	Trifast plc	20	2010	201060
The Berkeley Group Holdin	25	2520	252010	Trigano S.A.	25	2520	252020
The Brunner Investment Tr			402030	Tristel Plc	35	3510	351010
The Character Group plc	25	2520	252020	Troy Income & Growth Trus			402030

Tryg A/S			403010	Vertu Motors plc	25	2550	255040
TT Electronics plc	45	4520	452030	Vestas Wind Systems A/S	20	2010	201040
Tubacex, S.A.	15		151040	Vetoquinol SA	35	3520	352020
TUI AG	25	2530	253010	VGP NV			601020
Turbon AG	20	2020	202010	Vianet Group plc	45	4520	452030
Turism, Hoteluri, Restaur	25	2530	253010	VIB Vermögen AG			601020
Turisthotel d.d.	25	2530	253010	Vicat SA	15		151020
TXT e-solutions S.p.A.	45	4510	451030	Victoria Park AB (publ)			601020
Tyman plc	20	2010	201020	Victoria plc	25	2520	252010
U and I Group PLC			601020	Victrex plc	15		151010
U10 SA	25			Videlio SA	45	4520	452030
UBM Development AG			601020	Vidrala, S.A.	15		151030
UCB SA	35	3520	352020	VIEL & Cie			402030
UDG Healthcare plc	35	3510		Vienna Insurance Group AG			403010
UK Commercial Property RE			601020	Viking Line ABP	25	2530	253010
Ultra Electronics Holding	20	2010	201010	Vilmorin & Cie SA	30	3020	302020
Umanis SA	45	4510	451020	Virbac SA	35	3520	352020
Unibail-Rodamco-Westfield			601010	Viscofan, S.A.	30	3020	302020
UNIBEP S.A.	20	2010	201030	Viscom AG	45	4520	452030
Uniflex AB (publ)	20	2020	202020	Vistula Group S.A.	25	2520	252030
Unilever PLC	30	3030	303020	VITA 34 AG	35	3510	351020
Unima 2000 Systemy Telein	50		501010	Vitec Software Group AB (	45	4510	451030
Union Financiere de Franc			402030	Vitrolife AB (publ)	35	3520	352010
Unior Kovaska industrija	15		151040	Vittoria Assicurazioni S.			403010
UNIPETROL, a.s.	15		151010	Vivendi SA	25	2540	
Unipol Gruppo S.p.A.			403010	Vodafone Group Plc	50		501020
UnipolSai Assicurazioni S			403010	Voestalpine AG	15		151040
UNIQA Insurance Group AG			403010	Votum S.A.			403010
United Internet AG	45	4510	451010	Voxel S.A.	35	3510	351020
United Utilities Group PL	55		551040	Vp plc	20	2010	201070
Unlimited Travel Group UT	25	2530	253010	Vrancart S.A.	15		151030
Unternehmens Invest AG			402030	Vranken-Pommery Monopole	30	3020	302010
Urban&Civic plc			601020	Vseobecná úverová banka,			401010
USU Software AG	45	4510	451030	VTG Aktiengesellschaft	20	2030	203040
Vaisala Oyj	45	4520	452030	Wacker Chemie AG	15		151010
Valeo SA	25	2510	251010	Wacker Neuson SE	20	2010	201060
Valsoia SpA	30	3020	302020	Walker Greenbank PLC	25	2520	
Value and Income Trust pl			402030	Wallenstam AB (publ)			601020
Van de Velde NV	25	2520	252030	Warehouses De Pauw			601010
Van Lanschot Kempen N.V.			401010	Warehouses Estates Belgiu			601010
Vassiliko Cement Works	15		151020	Wärtsilä Oyj Abp	20	2010	201060
Vastned Retail Belgium SA			601010	WASGAU Produktions & Hand	30	3010	
Vastned Retail N.V.			601010	Washtec AG	20	2010	201060
Veolia Environnement S.A.	55		551030	WASKO Spółka Akcyjna	45	4510	451030
VERBUND AG	55			Wavestone SA	45	4510	451020

Wawel S.A.	30	3020	302020	zooplus AG	25	2550	255020
WDX S.A.	20	2010		Zotefoams plc	15		151010
Wereldhave Belgium			601010	ZUE S.A.	20	2010	201030
Wereldhave N.V.			601010	Zytronic plc	45	4520	452030
Westgrund AG			601020				
WH Smith PLC	25	2550	255040				
Whitbread PLC	25	2530	253010				
Wielton S.A.	20	2010	201060				
Wienerberger AG	15		151020				
Wihlborgs Fastigheter AB			601020				
William Demant Holding A/	35	3510	351010				
William Hill plc	25	2530	253010				
Wise Group AB (publ)	20	2020	202020				
Wistil Spółka Akcyjna	25	2520	252030				
Witan Investment Trust pl			402030				
Wm Morrison Supermarkets	30	3010					
Wojas S.A.	25	2520	252030				
Work Service S.A.	20	2020	202020				
Workspace Group plc			601010				
Wüstenrot & Württembergis			403010				
WYG PLC	20	2010	201030				
Wynnstay Group plc	30	3020	302020				
Xaar plc	45	4520	452020				
XANO Industri AB (publ)	20	2010	201060				
Xilam Animation	25	2540					
Xing SE	45	4510	451010				
XPO Logistics Europe SA	20	2030	203010				
YOOX Net-A-Porter Group S	25	2550	255020				
YouGov plc	25	2540					
Young & Co.'s Brewery, P.	25	2530	253010				
Zakłady Azotowe Pulawy S.	15		151010				
Zakłady Magnezytowe ROPCZ	15		151020				
Zakłady Miesne Henryk Kan	30	3020	302020				
Zakłady Tluszczowe Kruszw	30	3020	302020				
Zakłady Urządzeń Komputer	45	4520	452030				
Zamet S.A.	10	1010	101010				
Zapf Creation AG	25	2520	252020				
Zardoya Otis, S.A.	20	2010	201060				
Zavarovalnica Triglav, d.			403010				
ZEAL Network SE	25	2530	253010				
Zenitel NV	45	4520	452010				
Zentiva S.A.	35	3520	352020				
Zespół Elektrociepłowni W	55		551030				
Zignago Vetro S.p.A.	15		151030				
Zimplats Holdings Limited	15		151040				

Appendix J: GICS Codes in which Companies (“High-Financial-Risk” Set) are Included, European Union

In appendix J, a listing of the GICS codes in which each of the companies in the set of “high-financial-risk” companies in the European Union region is presented.

A.S. Création Tapeten AG	25	2520	252010	Avocet Mining plc	15		151040
Aalborg Boldspilklub A/S	25	2530	253010	Baccarat S.A.	25	2520	252010
AB Snaige	25	2520	252010	Badel 1862 d.d.	30	3020	
Abengoa, S.A.	20	2010	201030	Balticon S.A.	20	2020	202010
Acacia Mining plc	15		151040	Banimmo S.A.			601020
Action S.A.	45	4520	452030	Basware Oyj	45	4510	451030
ADDvise Group AB (publ)	35	3510	351010	Bavarian Nordic A/S	35	3520	
AdUX SA	25	2540		BE Group AB (publ)	20	2010	201070
Afarak Group Oyj	15		151040	Beghelli S.p.A.	20	2010	201040
AFC Ajax NV	25	2540		Bergs Timber AB (publ)	15		151050
Agora S.A.	25	2540		Bernard Loiseau SA	25	2530	253010
AGRARIUS AG			601020	Bilfinger SE	20		
Agromino A/S	30	3020	302020	Billboard AD	25	2540	
Agroton Public Limited	30	3020	302020	Binero Group AB	45	4510	451010
AIB Group PLC			401010	BIOTON S.A.	35	3520	
Air France-KLM SA	20	2030		Bong AB (publ)	20	2020	202010
ALBA SE	20	2020	202010	Brady plc	45	4510	451030
Alerion Clean Power S.p.A	55		551050	Bremer Lagerhaus Gesellsc	20	2030	
Alès Groupe S.A.	30			Brioschi Sviluppo Immobil			601020
Allgon AB (publ)	45	4520	452010	Business & Decision SA	45	4510	451020
Alro S.A.	15		151040	Byte Computer SA	45	4510	451020
Altyn Plc	15		151040	Caleffi S.p.A.	25	2520	252030
Alumil Aluminium Industry	15		151040	Capita plc	20	2020	202020
Ambromobiliare S.p.A.			402030	Carillion plc	20		
Amper, S.A.	45	4520	452010	Carpentryright plc	25	2550	255040
Anglo American plc	15		151040	Carraro S.p.A.	20	2010	201060
Anglo Pacific Group plc	10	1010	101020	Catalis SE	20	2020	202020
Anonimi Naftiliaki Etairei	20	2030		Cegedim SA	35	3510	
Antevenio, S.A.	25	2540		Centaur Media Plc	25	2540	
APC Technology Group PLC	45	4520	452030	Centrale d'Achat Français	25	2550	255040
Arbuthnot Banking Group P			401010	Centric Holdings S.A.	25	2530	253010
ArcelorMittal	15		151040	Ceramika Nowa Gala SA	20	2010	201020
Arctic Paper S.A.	15		151050	CGG	10	1010	101010
Arcus S.A.	45	4510	451020	Chemring Group plc	20	2010	201010
Arena Hospitality Group d	25	2530	253010	Christie Group plc	20	2020	202020
Arise AB (publ)	55		551050	City of London Investment			402030
Arnoldo Mondadori Editore	25	2540		Coal Energy S.A.	10	1010	101020
Artefact S.A.	20	2020	202020	Cobham plc	20	2010	201010
Aspocomp Group Oyj	45	4520	452030	Codere, S.A.	25	2530	253010
Astaldi S.p.A.	20	2010	201030	Cognor Holding S.A.	15		151040
Athena Investments A/S	55		551050	Compagnie Industriali Riu	20		
Atlantska Plovidba d.d.	20	2030		Componenta Corporation	20	2010	201060
Attica Holdings S.A.	20	2030		Concordia Maritime AB (pu	10	1010	101020
Audax Renovables, S.A.	55		551050	Connect Group PLC	25	2550	
Auriant Mining AB (publ)	15		151040	Corporación Empresarial d	20	2010	201020

Countrywide plc			601020	Etablissements Maurel & P	10	1010	101020
Crawshaw Group plc	30	3010		euromicron AG	45	4520	452010
Creta Farm S.A.	30	3020	302020	Eurona Wireless Telecom,	50		501010
CS Communication & System	45	4510	451020	EVRAZ plc	15		151040
Cyprus Trading Corporatio	25	2550		Evrofarma SA	30	3020	302020
Dalekovod D.D.	20	2010	201030	exceet Group SE	45	4520	452030
Damiani S.p.A.	25	2520	252030	Excelsa nekretnine d.d.			601020
D'Amico International Shi	10	1010	101020	Exmar NV	10	1010	101020
Dampskibsselskabet Norden	20	2030		Fagron NV	35	3510	351020
De La Rue plc	20	2020	202010	Falck Renewables S.p.A.	55		551050
DeA Capital S.p.A.			402030	Fiera Milano SpA	20	2020	202010
Deoleo, S.A.	30	3020	302020	Findel plc	25	2550	
Deutsche Bank Aktiengesel			402030	Fluxys Belgium SA	10	1010	101020
Diagnostic and Therapeuti	35	3510	351020	Flybe Group PLC	20	2030	
Digigram S.A.	45	4520		Fomento de Construcciones	20	2010	201030
Dignity plc	25	2530		Foncière Euris SA	30	3010	
Dionic S.A.	45	4520	452030	Forrás nyRt.			402030
Direct Energie Société An	55			Fountain S.A.	20	2020	202010
DNXCorp SE	45	4510	451010	Fourlis Holdings S.A.	25	2550	255040
Dovre Group Plc	20	2020	202020	Frigoglass S.A.I.C.	20	2010	201060
Driver Group plc	20	2010	201030	FullSix S.p.A.	45	4510	451010
Dromeas SA	20	2020	202010	Gascogne SA	15		
Duro Felguera, S.A.	20	2010	201030	GEDI Gruppo Editoriale S.	25	2540	
Edenred SA	20	2020	202010	Gefran S.p.A.	45	4520	452030
Edison S.p.A.	55		551050	GEK TERNA Holdings, Real	20	2010	201030
Ei Group plc	25	2530	253010	Genus plc	35	3520	
EKF Diagnostics Holdings	35	3510	351010	Gesco AG	20	2010	201060
Elastron S.A. - Steel Ser	15		151040	Glaston Oyj Abp	20		
Elecosoft plc	45	4510	451030	Glunz & Jensen Holding A/	20	2010	201060
Electroaparataj SA	20	2010	201040	Gorenje, d.d.	25	2520	252010
Elektrocieplownia Bedzin	55			Greiffenberger AG	20	2010	201060
Elektron Technology plc	20	2010	201040	Groupe Flo SA	25	2530	253010
Elgeka S.A.	30	3010		Groupe Gorgé SA	20	2010	201060
Elve S.A.	25	2520	252030	Groupe LDLC	25	2550	
EMC Instytut Medyczny S.A	35	3510	351020	Grupo Ezentis S.A.	45	4520	452010
Encres Dubuit	15			H. Lundbeck A/S	35	3520	
Energoinstal S.A.	20	2010	201060	Halcor Metal Works S.A.	15		151040
Enertronica S.p.A.	20	2010	201040	Hamon & Cie (Internationa	20	2010	201020
ENGIE SA	55			HanseYachts AG	25	2520	
Eniro AB (publ)	25	2540		Havelock Europa plc	20	2010	201030
EnQuest PLC	10	1010	101020	Haynes Publishing Group P	25	2540	
ERAMET S.A.	15		151040	Heidelberger Druckmaschin	20		
Erria A/S	20	2030		Hellenic Company for Tele	50		501010
Escher Group Holdings plc	45	4510	451030	Heurtey Petrochem S.A.	10	1010	101010
Esso S.A.F.	10	1010	101020	HF Company Société Anonym	45	4520	452010

Hikma Pharmaceuticals PLC	35	3520		Kopex S.A.	20	2010	201060
HKScan Oyj	30	3020	302020	KORRES S.A. - Natural Pro	30		
Hochschild Mining plc	15		151040	KSG Agro S.A.	30	3020	302020
Hogg Robinson Group plc	20	2020	202020	Lafuma SA	25	2520	
Højgaard Holding A/S	20	2010	201030	Landi Renzo S.p.A.	25	2510	
Honkarakenne Oyj	25	2520	252010	Latécoère S.A.	20	2010	201010
HTI High Tech Industries	20	2010	201060	Leonardo S.p.a.	20	2010	201010
Hunting plc	10	1010	101010	Les Hotels De Paris SA	25	2530	253010
I.Kloukinas-I.Lappas S.A.	25	2550	255040	Lexibook - Linguistic Ele	25	2520	252010
ICTA AB (publ)	20	2020	202020	Libet S.A.	15		
Ifa Systems Ag	35	3510		LITGRID AB	55		
IGas Energy plc	10	1010	101020	Lloyd Fonds AG			402030
iGrandiViaggi S.p.A.	25	2530	253010	Logwin AG	20	2030	203010
Ilkka-Yhtymä Oyj	25	2540		Lonmin Plc	15		151040
IMMOFINANZ AG			601020	Lundin Petroleum AB (publ)	10	1010	101020
Immsi S.p.A.	25	2510		m4e AG	25	2540	
Immunodiagnostic Systems	35	3510	351010	Makheia Group Société Ano	25	2540	
Impact Developer & Contra			601020	Man Group plc			402030
Impresa - Sociedade Gesto	25	2540		Management Consulting Gro	20	2020	202020
Inapa - Investimentos, Pa	20	2010	201070	Marenave Schiffahrts AG	20	2030	
Incap Oyj	45	4520	452030	Marie Brizard Wine & Spir	30	3020	
Independent News & Media	25	2540		Martela Oyj	20	2020	202010
Indra Sistemas, S.A.	45	4510	451020	Masterplast Nyrt.	20	2010	201020
Inform P. Lykos S.A.	20	2020	202010	Maternus-Kliniken Aktieng	35	3510	351020
Innelec Multimédia SA	45	4520	452030	McKesson Europe AG	35	3510	351020
InterContinental Hotels G	25	2530	253010	Mediacontech S.p.A.	25	2540	
InterEuropa d.d.	20	2030		Mediaset S.p.A.	25	2540	
InterMail A/S	20	2020	202010	MEMSCAP, S.A.	45		
International Hotel Inves	25	2530	253010	Mera S.A.	20	2010	201020
Interserve Plc	20			Mevaco S.A.	20	2010	201060
INTERSHOP Communications	45	4510		Milkiland N.V.	30	3020	302020
InTiCa Systems AG	45	4520	452030	Mitie Group plc	20	2020	202010
Intracom Constructions So	20	2010	201030	Monrif S.p.A.	25	2540	
Intralot S.A. Integrated	25	2530	253010	Montebalito, S.A.			601020
Itway S.p.A.	45	4520	452030	Mothercare plc	25	2550	
JKX Oil & Gas plc	10	1010	101020	Mountfield Group Plc	20	2010	201030
Johnston Press plc	25	2540		Mr. Bricolage SA	25	2550	255040
Juventus Football Club S.	25	2540		msg life ag	45	4510	451030
K.R.Energy S.p.A.	55		551050	mybet Holding SE	25	2530	253010
Kabel Deutschland Holding	25	2540		Natra, S.A.	30	3020	302020
Kardan N.V.			601020	Newcap Holding A/S			402030
KAZ Minerals PLC	15		151040	Newmark Security plc	45	4520	452030
KDM Shipping Public Limit	20	2030		Nexans S.A.	20	2010	201040
Kenmare Resources plc	15		151040	NH Hotel Group, S.A.	25	2530	253010
Klöckner & Co SE	20	2010	201070	Nireus Aquaculture S.A.	30	3020	302020

Nokia Corporation	45	4520	452010	Public Power Corporation	55		
Nordic Shipholding A/S	20	2030		PZ Cormay S.A.	35	3510	351010
Northbridge Industrial Se	20	2010	201040	Quabit Inmobiliaria, S.A.			601020
Nurminen Logistics Oyj	20	2030	203010	Quality & Reliability A.B	45	4510	451020
Nyrstar NV	15		151040	Quest Holdings S.A.	45		
O2i Société Anonyme	45	4510	451020	R.E.A. Holdings plc	30	3020	302020
Obrascón Huarte Lain, S.A	20	2010	201030	Rafako S.A.	20	2010	201060
OCI N.V.	15			Rallye SA	30	3010	
OPTeam Spółka Akcyjna	45	4520	452030	Rank Progress S.A.			601020
Orapi	15			RCS MediaGroup S.p.A.	25	2540	
Ordina N.V.	45	4510	451020	Realia Business, S.A.			601020
OT-Optima Telekom d.d.	50		501010	Recylex S.A.	15		151040
Outokumpu Oyj	15		151040	Redhall Group plc	20	2010	201030
Pamapol S.A.	30	3020	302020	RedstoneConnect Plc	45	4510	451020
Papoutsanis S.A.	30			Renold plc	20	2010	201060
Parity Group plc	20	2020	202020	Rentokil Initial plc	20	2020	202010
Park & Bellheimer AG	30	3020		Retelit S.p.A.	50		501010
PCC Intermodal S.A.	20	2030		Revoil S.A.	10	1010	101020
Pearson plc	25	2540		RhythmOne plc	45	4510	451010
Pebble Beach Systems Grou	45	4520	452010	Riber S.A.	45		
Petrolia SE	10	1010	101010	RNB Retail and Brands AB	25	2550	255040
PetroNeft Resources plc	10	1010	101020	RoodMicrotec N.V.	45		
Petropavlovsk PLC	15		151040	Rosss S.p.A.	20	2020	202010
Peugeot S.A.	25	2510		RWE Aktiengesellschaft	55		
Pharma Mar, S.A.	35	3520		S.C. Santierul Naval Orso	20	2010	201060
Philippos Nakas S.A.	25	2550	255040	S.C. VES S.A.	25	2520	252010
Pierre & Vacances SA	25	2530	253010	S.S. Lazio S.p.A.	25	2540	
Pininfarina S.p.A.	25	2510		Sacyr, S.A.	20		
Polenergia SA	55		551050	Safilo Group S.p.A.	25	2520	252030
Poligrafica S. Faustino S	20	2020	202010	SAG GEST - Soluções Autom	25	2550	
Poligrafici Editoriale S.	25	2540		SANOCHEMIA Pharmazeutika	35	3520	
Poligrafici Printing S.p.	20	2020	202010	Sanoma Oyj	25	2540	
Porta Communications Plc	25	2540		Santa Fe Group A/S	20	2030	203010
PostNL N.V.	20	2030	203010	Saras S.p.A.	10	1010	101020
Premier Foods plc	30	3020	302020	Scandbook Holding AB	20	2020	202010
Premier Oil plc	10	1010	101020	Scandinavian Brake System	25	2510	
Prevas AB	45	4510	451020	SCHUMAG Aktiengesellschaft	20	2010	201060
Prima Moda Spolka Akcyjna	25	2550	255040	SDC Investimentos, S.A.	20	2010	201030
Próchnik S.A.	25	2520	252030	SDL plc	45	4510	451030
Progility PLC	45			Séché Environnement SA	20	2020	202010
Prologue S.A.	45	4510	451030	Seco/Warwick S.A.	20	2010	201060
Promotora de Informacione	25	2540		Selected Textiles S.A.	25	2520	252030
Prosafe SE	10	1010	101010	Selonda Aquaculture S.A.	30	3020	302020
Przedsiębiorstwo Handlu Z	25	2550	255040	Selvita S.A.	35	3520	
Przetwórstwo Tworzyw Sztu	15			Semapa - Sociedade de Inv	15		151050

Sensys Gatso Group AB (pu	45	4520	452030	TIE Kinetix N.V.	45	4510	451010
Sequana SA	15		151050	TIM Spółka Akcyjna	20	2010	201070
Serco Group plc	20	2020		Tiscali S.p.A.	50		501010
SES-imagotag	45	4520	452030	Tom Tailor Holding SE	25	2550	
SGL Carbon SE	20	2010	201040	TomTom N.V.	25	2520	252010
Shanta Gold Limited	15		151040	Topps Tiles Plc	25	2550	255040
SIG plc	20	2010	201070	Touax SCA	20	2030	
Skano Group AS	25	2520	252010	Toupargel Groupe SA	25	2550	
SKW Stahl-Metallurgie Hol	15		151040	TP ICAP plc			402030
Slatinska Banka d.d.			401010	TREVI - Finanziaria Indus	20	2010	201030
SMA Solar Technology AG	45			Tribal Group plc	25	2530	
Snaitech S.p.A.	25	2530	253010	Tubos Reunidos, S.A.	15		151040
Société Anonyme Belge de	20	2010	201010	Tulikivi Corporation	20	2010	201020
Société Internationale de	15			Tullow Oil plc	10	1010	101020
Soditech SA	20	2020	202020	Turbomecanica SA	20	2010	201010
Solar Company S.A.	25	2520	252030	Uljanik Plovidba D.D.	20	2030	
Solaris d.d.	25	2530	253010	Unibios Holdings S.A.	20	2010	201060
Solocal Group S.A.	25	2540		UniCredit S.p.A.			401010
Sonae Indústria, S.G.P.S.	15		151050	Unione di Banche Italiane			401010
Soprano Oyj	20	2020	202020	URSUS Spółka Akcyjna	20	2010	201060
Speedy Hire Plc	20	2010	201070	Utilitywise Plc	20	2020	202020
Sport Lisboa e Benfica -	25	2540		Vallourec SA	10	1010	101010
Sportech PLC	25	2530	253010	Vectura Group plc	35	3520	
SSAB AB (publ)	15		151040	Vedanta Resources plc	15		151040
St Ives plc	25	2540		Venue Retail Group AB	25	2550	255040
StatPro Group plc	45	4510	451030	Vianini S.p.A.	15		
Stern Groep N.V.	25	2550	255040	Viking Supply Ships AB (p	20	2030	
Stockmann Oyj ABP	25	2550		Viohalco S.A.	15		151040
Streamwide S.A.	45	4510	451030	Viro Tvornica Secera d.d.	30	3020	302020
Studsvik AB (publ)	20	2020		Vivanco Gruppe AG	25	2520	252010
STV Group plc	25	2540		Vocento, S.A.	25	2540	
Surgical Innovations Grou	35	3510	351010	Vossloh AG	20	2010	201060
Swissmed Centrum Zdrowia	35	3510	351020	Watchstone Group Plc	45	4510	451020
TAS Tecnologia Avanzata d	45	4510	451030	Webis Holdings plc	25	2530	253010
Tasty plc	25	2530	253010	WH Ireland Group plc			402030
Tecnotree Oyj	45	4510	451030	Wild Bunch AG	25	2540	
Telefónica Deutschland Ho	50		501010	Wincanton plc	20	2030	203010
Telenet Group Holding NV	25	2540		Wolford Aktiengesellschaft	25	2520	252030
Telit Communications PLC	45	4520	452010	Wulff-Yhtiöt Oyj	25	2550	
TERMES GRUPA d.d.	30	3020	302020	Zaklady Przemyslu Cukiern	30	3020	302020
TerniEnergia S.p.A.	45			ZetaDisplay AB	25	2540	
Tesco PLC	30	3010		ZOO Digital Group plc	45	4510	451030
TESGAS Spółka Akcyjna	55						
The 600 Group PLC	20	2010	201060				
The Royal Bank of Scotlan			401010				

Appendix K: Companies (Main Set) in Each Industry, by GICS Code, in Eurozone

In appendix K, a listing of companies in the main set of "healthy" companies for each GICS code in the Eurozone region is presented.

GICS 10

CropEnergies AG
Enagás, S.A.
Euronav NV
Gas Plus S.p.A.
AB Klaipėdos nafta
OMV Aktiengesellschaft
Petro Welt Technologies A
Petrolina (Holdings) Publ
Repsol, S.A.
SBM Offshore N.V.
Snam S.p.A.
Subsea 7 S.A.
Técnicas Reunidas, S.A.
Tenaris S.A.

GICS 101010

Petro Welt Technologies A
SBM Offshore N.V.
Subsea 7 S.A.
Técnicas Reunidas, S.A.
Tenaris S.A.

GICS 101020

CropEnergies AG
Enagás, S.A.
Euronav NV
Gas Plus S.p.A.
AB Klaipėdos nafta
OMV Aktiengesellschaft
Petrolina (Holdings) Publ
Repsol, S.A.
Snam S.p.A.

GICS 15

Acerinox, S.A.
Akzo Nobel N.V.
Altri, S.G.P.S., S.A.
AMAG Austria Metall AG
AMG Advanced Metallurgica
Arkema S.A.
Aurubis AG
BASF SE
NV Bekaert SA
Buzzi Unicem SpA
Caltagirone SpA
Campine NV
Cementir Holding S.p.A.
Coil S.A./N.V.
Corbion N.V.
CRH plc
Delignit AG
ENCE Energía y Celulosa,
Ercros, S.A.
Euro Ressources S.A.
Exacompta Clairefontaine
Flexopack Soc. Anonyme PI
Grigeo AB
Groupe Guillin S.A.
PSB Industries
H&R GmbH & Co. KGaA

Holland Colours NV
Huhtamäki Oyj
Iberpapel Gestión, S.A.
Iktinos Hellas S.A.
Imerys SA
Isagro S.p.A.
K+S Aktiengesellschaft
Kemira Oyj
L'Air Liquide S.A.
Le Bélier SA
Lenzing Aktiengesellschaft
Linde Aktiengesellschaft
Mayr-Melnhof Karton AG
Metsä Board Oyj
Miquel y Costas & Miquel,
Nabaltec AG
Nanogate AG
Oeneo SA
Papeles y Cartones de Eur
Paperpack A.B.E.E.
Plastiques du Val de Loir
F. Ramada Investimentos,
Reno De Medici S.p.A.
Resilux NV
RHI Magnesita N.V.
SIMONA Aktiengesellschaft
Smurfit Kappa Group plc
SOL Spa
Solvay SA
EPC Groupe
Sto SE & Co. KGaA
Stora Enso Oyj
The Navigator Company, S.
Tikkurila Oyj
Titan Cement Company S.A.
TFF Group
Tubacex, S.A.
Unior Kovaska industrija
Vassiliko Cement Works
Vicat SA
Vidrala, S.A.
Voestalpine AG
Wacker Chemie AG
Wienerberger AG
Zignago Vetro S.p.A.

GICS 151010

Akzo Nobel N.V.
BASF SE
Corbion N.V.
Ercros, S.A.
H&R GmbH & Co. KGaA
Holland Colours NV
Isagro S.p.A.
Kemira Oyj
L'Air Liquide S.A.
Lenzing Aktiengesellschaft
Linde Aktiengesellschaft
Nabaltec AG
Nanogate AG
Plastiques du Val de Loir

SIMONA Aktiengesellschaft
SOL Spa
Solvay SA
EPC Groupe
Tikkurila Oyj
Wacker Chemie AG

GICS 151020

Buzzi Unicem SpA
Caltagirone SpA
Cementir Holding S.p.A.
CRH plc
Imerys SA
RHI Magnesita N.V.
Sto SE & Co. KGaA
Titan Cement Company S.A.
Vassiliko Cement Works
Vicat SA
Wienerberger AG

GICS 151030

Flexopack Soc. Anonyme PI
Groupe Guillin S.A.
PSB Industries
Huhtamäki Oyj
Oeneo SA
Paperpack A.B.E.E.
Reno De Medici S.p.A.
Resilux NV
TFF Group
Vidrala, S.A.
Zignago Vetro S.p.A.

GICS 151040

Acerinox, S.A.
AMAG Austria Metall AG
AMG Advanced Metallurgica
Aurubis AG
NV Bekaert SA
Coil S.A./N.V.
Euro Ressources S.A.
Iktinos Hellas S.A.
Le Bélier SA
F. Ramada Investimentos,
Tubacex, S.A.
Unior Kovaska industrija
Voestalpine AG

GICS 151050

Altri, S.G.P.S., S.A.
Delignit AG
ENCE Energía y Celulosa,
Exacompta Clairefontaine
Grigeo AB
Iberpapel Gestión, S.A.
Metsä Board Oyj
Miquel y Costas & Miquel,
The Navigator Company, S.

GICS 20

Aalberts Industries N.V.

Abertis Infraestructuras,
 ACS, Actividades de Const
 ADA Société Anonyme
 Aegean Airlines S.A.
 Aéroports de Paris SA
 Airbus SE
 AKKA Technologies SE
 Alstom SA
 Amadeus FiRe AG
 Andritz AG
 Ansaldo STS S.p.A.
 Arcadis NV
 Assystem S.A.
 ASTM S.p.A.
 Atlantia S.p.A.
 Aurea SA
 Autostrade Meridionali S.
 Avia Solutions Group AB
 Batenburg Techniek N.V.
 BAUER Aktiengesellschaft
 Bertrandt Aktiengesellsch
 Best Union Company S.p.A.
 Biesse S.p.A.
 Bolloré
 Royal Boskalis Westminste
 Brenntag AG
 Brunel International N.V.
 Bureau Veritas SA
 Cargotec Corporation
 Catering International &
 Cembre S.p.A.
 CENTROTEC Sustainable
 AG
 CEWE Stiftung & Co. KGaA
 Compagnie d'Entreprises C
 Clasquin S.A.
 Constructions Industriell
 Colas SA
 Construcciones y Auxiliar
 Nicolás Correa, S.A.
 Cpl Resources plc
 Cramo Oyj
 DLSI
 Danieli & C. Officine Mec
 Dassault Aviation SA
 Deceuninck NV
 Delta Plus Group
 Derichebourg
 Deufol SE
 Deutsche Lufthansa Aktien
 Deutsche Post AG
 DEUTZ Aktiengesellschaft
 DMG MORI
 AKTIENGESELLSCHA
 DPA Group N.V.
 Dürkopp Adler AG
 ECA SA
 edding AG
 Eiffage SA
 Elecnor, S.A.
 Elecster Oyj

Eltrak S.A.
 EUROKAI GmbH & Co. KGaA
 Exel Composites Oyj
 Exel Industries Société A
 Ferrovial, S.A.
 FNM S.p.A.
 Fidia S.p.A.
 Financière de l'Odéon SA
 Finnair Oyj
 Flughafen Wien Aktienges
 FRIWO AG
 GEA Group Aktiengesellsch
 General Commercial & Indu
 Gérard Perrier Industrie
 Getlink S.E.
 Gévelot SA
 GL Events
 Groupe Pizzorno Environne
 Groupe CRIT SA
 Hamburger Hafen und Logis
 Haulotte Group SA
 HOCHTIEF Aktiengesellscha
 ID Logistics Group SA
 I.M.A. Industria Macchine
 Jacquet Metal Service SA
 Compagnie Industrielle Fi
 INDUS Holding AG
 Innotec TSS AG
 Installux SA
 Interpump Group S.p.A.
 Int'l Consolidated Airlin
 IRCE S.p.A.
 Jensen-Group NV
 Joh. Friedrich Behrens AG
 Jungheinrich Aktiengesell
 KAP Beteiligungs-AG
 Kesla Oyj
 Kingspan Group plc
 Koenig & Bauer AG
 KONE Oyj
 Konecranes Plc
 KROMI Logistik AG
 Kronos AG
 KSB SE & Co. KGaA
 KUKA Aktiengesellschaft
 Lassila & Tikanoja Oyj
 Legrand SA
 Lisi S.A.
 Luka Koper d.d.
 Maire Tecnimont S.p.A.
 MAN SE
 Manitou BF SA
 Maschinenfabrik Berthold
 Masterflex SE
 AS Merko Ehitus
 Metso Corporation
 Mota-Engil, SGPS, S.A.
 Moury Construct SA
 MS Industrie AG
 MTU Aero Engines AG
 Müller - Die lila Logisti

Nordex SE
 Nordwest Handel AG
 NORMA Group SE
 NSE Industries SA
 Österreichische Post AG
 OHB SE
 Oranjewoud N.V.
 Palfinger AG
 Panariagroup Industrie Ce
 AB Panevezio Statybos Tre
 Pfeiffer Vacuum Technolog
 Picanol NV
 Piraeus Port Authority S.
 Pittler Maschinenfabrik A
 PNE AG
 Ponsse Oyj
 Poujoulat SA
 Precia SA
 Prima Industrie S.p.A.
 Prosegur Compañía de
 Seguros
 Prysmian S.p.A.
 R. STAHL AG
 Ramirent Oyj
 Randstad NV
 RATIONAL Aktiengesellscha
 Raute Oyj
 Rexel S.A.
 Ringmetall AG
 Rosenbauer International
 Ryanair Holdings plc
 Safran SA
 Saga Furs Oyj
 Compagnie de Saint-Gobain
 Salini Impregilo S.p.A.
 Schneider Electric S.E.
 Società Iniziative Autost
 Siemens Gamesa
 Renewable
 Signaux Gired S.A.
 SMT Scharf AG
 Sogelclair SA
 Somfy SA
 SRV Yhtiöt Oyj
 STEF S.A.
 Strabag SE
 Synergie SE
 AS Tallink Grupp
 Technotrans AG
 Teleperformance SE
 Tesmec S.p.A.
 Thales S.A.
 Thermador Groupe SA
 Thessaloniki Port Authori
 Tivoli S.A.
 TKH Group N.V.
 Toscana Aeroporti S.p.A.
 Turbon AG
 VTG Aktiengesellschaft
 Wacker Neuson SE
 Wärtsilä Oyj Abp
 Washtec AG

XPO Logistics Europe SA
Zardoya Otis, S.A.

GICS 2010

Aalberts Industries N.V.
ACS, Actividades de Const
Airbus SE
Alstom SA
Andritz AG
Arcadis NV
Batenburg Techniek N.V.
BAUER Aktiengesellschaft
Biesse S.p.A.
Royal Boskalis Westminste
Brenntag AG
Cargotec Corporation
Cembre S.p.A.
CENTROTEC Sustainable
AG
Compagnie d'Entreprises C
Colas SA
Construcciones y Auxiliar
Nicolás Correa, S.A.
Cramo Oyj
Danieli & C. Officine Mec
Dassault Aviation SA
Deceuninck NV
DEUTZ Aktiengesellschaft
DMG MORI
AKTIENGESELLSCHA
Dürkopp Adler AG
ECA SA
Eiffage SA
Elecnor, S.A.
Elecster Oyj
Eltrak S.A.
Exel Composites Oyj
Exel Industries Société A
FRIWO AG
GEA Group Aktiengesellsch
General Commercial & Indu
Gérard Perrier Industrie
Gévelot SA
Haulotte Group SA
HOCHTIEF Aktiengesellscha
I.M.A. Industria Macchine
Jacquet Metal Service SA
Compagnie Industrielle Fi
INDUS Holding AG
Innotec TSS AG
Installux SA
Interpump Group S.p.A.
IRCE S.p.A.
Jensen-Group NV
Joh. Friedrich Behrens AG
Jungheinrich Aktiengesell
Kesla Oyj
Kingspan Group plc
Koenig & Bauer AG
KONE Oyj
KROMI Logistik AG

Krones AG
KSB SE & Co. KGaA
KUKA Aktiengesellschaft
Legrand SA
Lisi S.A.
Maire Tecnimont S.p.A.
MAN SE
Manitou BF SA
Maschinenfabrik Berthold
Masterflex SE
AS Merko Ehitus
Metso Corporation
Mota-Engil, SGPS, S.A.
Moury Construct SA
MS Industrie AG
Nordex SE
Nordwest Handel AG
NORMA Group SE
NSE Industries SA
OHB SE
Oranjewoud N.V.
Palfinger AG
Panariagroup Industrie Ce
AB Panevezio Statybos Tre
Pfeiffer Vacuum Technolog
Picanol NV
Pittler Maschinenfabrik A
PNE AG
Ponsse Oyj
Poujoulat SA
Precia SA
Prima Industrie S.p.A.
Prysmian S.p.A.
R. STAHL AG
Ramirent Oyj
RATIONAL Aktiengesellscha
Raute Oyj
Rexel S.A.
Ringmetall AG
Rosenbauer International
Safran SA
Compagnie de Saint-Gobain
Salini Impregilo S.p.A.
Siemens Gamesa
Renewable
SMT Scharf AG
Sogclair SA
Somfy SA
SRV Yhtiöt Oyj
Strabag SE
Tescmec S.p.A.
Thales S.A.
Thermador Groupe SA
Tivoly S.A.
TKH Group N.V.
Wacker Neuson SE
Wärtsilä Oyj Abp
Washtec AG
Zardoya Otis, S.A.

GICS 201010

Airbus SE
Dassault Aviation SA
ECA SA
Lisi S.A.
NSE Industries SA
OHB SE
Safran SA
Sogclair SA
Thales S.A.

GICS 201020

CENTROTEC Sustainable
AG
Deceuninck NV
Innotec TSS AG
Installux SA
Joh. Friedrich Behrens AG
Kingspan Group plc
Panariagroup Industrie Ce
Poujoulat SA

GICS 201030

ACS, Actividades de Const
Arcadis NV
Royal Boskalis Westminste
Compagnie d'Entreprises C
Colas SA
Eiffage SA
Elecnor, S.A.
HOCHTIEF Aktiengesellscha
Compagnie Industrielle Fi
Maire Tecnimont S.p.A.
AS Merko Ehitus
Mota-Engil, SGPS, S.A.
Moury Construct SA
Oranjewoud N.V.
AB Panevezio Statybos Tre
Salini Impregilo S.p.A.
SRV Yhtiöt Oyj
Strabag SE

GICS 201040

Cembre S.p.A.
FRIWO AG
Gérard Perrier Industrie
IRCE S.p.A.
Legrand SA
Nordex SE
PNE AG
Siemens Gamesa
Renewable
Somfy SA

GICS 201060

Aalberts Industries N.V.
Alstom SA
Biesse S.p.A.
Cargotec Corporation
Construcciones y Auxiliar
Nicolás Correa, S.A.

Danieli & C. Officine Mec
DEUTZ Aktiengesellschaft
DMG MORI
AKTIENGESELLSCHA
Dürkopp Adler AG
Elecster Oyj
Exel Composites Oyj
Exel Industries Société A
GEA Group Aktiengesellsch
Gévelot SA
Haulotte Group SA
I.M.A. Industria Macchine
Interpump Group S.p.A.
Jensen-Group NV
Jungheinrich Aktiengesell
Kesla Oyj
Koenig & Bauer AG
KONE Oyj
Krones AG
KSB SE & Co. KGaA
KUKA Aktiengesellschaft
MAN SE
Manitou BF SA
Maschinenfabrik Berthold
Masterflex SE
Metso Corporation
NORMA Group SE
Palfinger AG
Pfeiffer Vacuum Technolog
Picanol NV
Pittler Maschinenfabrik A
Ponsse Oyj
Precia SA
Prima Industrie S.p.A.
R. STAHL AG
RATIONAL Aktiengesellscha
Raute Oyj
Ringmetall AG
Rosenbauer International
SMT Scharf AG
Tescmec S.p.A.
Tivoly S.A.
Wacker Neuson SE
Wärtsilä Oyj Abp
Washtec AG
Zardoya Otis, S.A.

GICS 201070

Brenntag AG
Cramo Oyj
Eltrak S.A.
General Commercial & Indu
Jacquet Metal Service SA
KROMI Logistik AG
Nordwest Handel AG
Ramirent Oyj
Rexel S.A.
Thermador Groupe SA

GICS 2020

AKKA Technologies SE

Amadeus FiRe AG
Assystem S.A.
Aurea SA
Bertrandt Aktiengesellsch
Best Union Company S.p.A.
Brunel International N.V.
Bureau Veritas SA
Catering International &
CEWE Stiftung & Co. KGaA
Constructions Industriell
Cpl Resources plc
DLSI
Delta Plus Group
Derichebourg
DPA Group N.V.
edding AG
GL Events
Groupe Pizzorno Environne
Groupe CRIT SA
Lassila & Tikanoja Oyj
Prosegur Compañía de
Segu
Randstad NV
Saga Furs Oyj
Synergie SE
Teleperformance SE
Turbon AG

GICS 202010

Aurea SA
Best Union Company S.p.A.
Catering International &
CEWE Stiftung & Co. KGaA
Constructions Industriell
Delta Plus Group
Derichebourg
edding AG
GL Events
Groupe Pizzorno Environne
Lassila & Tikanoja Oyj
Prosegur Compañía de
Segu
Saga Furs Oyj
Turbon AG

GICS 202020

AKKA Technologies SE
Amadeus FiRe AG
Assystem S.A.
Bertrandt Aktiengesellsch
Brunel International N.V.
Bureau Veritas SA
Cpl Resources plc
DLSI
DPA Group N.V.
Groupe CRIT SA
Randstad NV
Synergie SE
Teleperformance SE

GICS 2030

Abertis Infraestructuras,

ADA Société Anonyme
Aegean Airlines S.A.
Aéroports de Paris SA
Ansaldo STS S.p.A.
ASTM S.p.A.
Atlantia S.p.A.
Autostrade Meridionali S.
Avia Solutions Group AB
Bollere
Clasquin S.A.
Deufol SE
Deutsche Lufthansa Aktien
Deutsche Post AG
EUROKAI GmbH & Co. KGaA
FNM S.p.A.
Financière de l'Odet SA
Finnair Oyj
Flughafen Wien Aktiengese
Getlink S.E.
Hamburger Hafen und Logis
ID Logistics Group SA
Int'l Consolidated Airlin
Luka Koper d.d.
Müller - Die lila Logisti
Österreichische Post AG
Piraeus Port Authority S.
Ryanair Holdings plc
Società Iniziative Autost
Signaux Girod S.A.
STEF S.A.
AS Tallink Grupp
Thessaloniki Port Authori
Toscana Aeroporti S.p.A.
VTG Aktiengesellschaft
XPO Logistics Europe SA

GICS 203010

Bollere
Clasquin S.A.
Deufol SE
Deutsche Post AG
Financière de l'Odet SA
ID Logistics Group SA
Müller - Die lila Logisti
Österreichische Post AG
XPO Logistics Europe SA

GICS 203050

Abertis Infraestructuras,
Aéroports de Paris SA
Ansaldo STS S.p.A.
ASTM S.p.A.
Atlantia S.p.A.
Autostrade Meridionali S.
Avia Solutions Group AB
EUROKAI GmbH & Co. KGaA
Flughafen Wien Aktiengese
Getlink S.E.
Hamburger Hafen und Logis
Luka Koper d.d.
Piraeus Port Authority S.

Società Iniziative Autost
Signaux Girod S.A.
Thessaloniki Port Authori
Toscana Aeroporti S.p.A.

ElringKlinger AG
Emak S.p.A.
Eutelsat Communications S
F.G. Europe S.A.
Faurecia S.A.
Folli-Follie Commercial M
Fiat Chrysler Automobiles
Fielmann Aktiengesellscha
Fiskars Oyj Abp
Fortuna Entertainment Gro
Funespaña, S.A.
Gaumont SA
Geox S.p.A.
Graines Voltz
Grammer AG
Hermès International Soci
High Co. SA
Hopscotch Global PR Group
Hornbach Baumarkt AG
Hugo Boss AG
Ibersol, S.G.P.S., S.A.
IFA Hotel & Touristik Akt
Industria de Diseño Texti
Infas Holding Aktiengesel
Ipsos SA
Jumbo S.A.
Kaufman & Broad S.A.
Kering AG
KeskiSuomalainen Oyj
Klassik Radio AG
Koninklijke Brill NV
KTM Industries AG
L'Occitane International
Lagardère SCA
Leifheit Aktiengesellscha
Lingotes Especiales, S.A.
Linz Textil Holding Aktie
LUDWIG BECK am
Rathauseck
Luxottica Group S.p.A.
Maisons France Confort S.
Manutan International SA
Marimekko Oyj
Media 6 SA
Mediaset España
Comunicac
Meliá Hotels Internationa
Métropole Télévision S.A.
Mondo TV S.p.A.
Nokian Renkaat Oyj
NOS, S.G.P.S., S.A.
NRJ Group SA
Olympic Entertainment Gro
Greek Organization of Foo
Orchestra-Prémaman S.A.
Paddy Power Betfair plc
paragon GmbH & Co. KGaA
Groupe Partouche SA
Passat Société Anonyme
PFNonwovens a.s.
Petrol d.d.

Piaggio & C. SpA
Piquadro S.p.A.
Piscines Desjoyaux SA
Plaisio Computers S.A.
Compagnie Plastic Omnium
Pohjois-Karjalan Kirjapai
Polytec Holding AG
B.V. Delftsch Aardewerkfa
Prada S.p.A
Progress Werk Oberkirch A
Publicis Groupe S.A.
PUMA SE
Rapala VMC Corporation
Ratti S.p.A.
Renault SA
Renk Aktiengesellschaft
Roularta Media Group NV
RTL Group SA
D'leteren SA
Sabaf S.p.A.
SAF-Holland S.A.
Toyota Caetano Portugal,
Salvatore Ferragamo S.p.A
Samse SA
Samsonite International S
SEB SA
SES S.A.
SHW AG
SinnerSchrader Aktiengese
Sioen Industries NV
SnowWorld N.V.
Société Française de Casi
Sogefi S.p.A.
Splendid Medien AG
pferdewetten.de AG
Ströer SE & Co. KGaA
Syzygy AG
TAKKT AG
Télévision Française 1 SA
TOD'S S.p.A.
Trigano S.A.
TUI AG
U10 SA
Valeo SA
Van de Velde NV
Viking Line ABP
Vivendi SA
Gerry Weber International
Xilam Animation
YOOX Net-A-Porter Group S
Zapf Creation AG
zooplus AG

GICS 25

Abbey plc
Accell Group N.V.
Accor SA
Adidas AG
Adler Modemärkte AG
ADLPartner
Aeffe S.p.A.
Ahlers AG
AKWEL
Amer Sports Corporation
AmRest Holdings SE
APB Apranga
Artprice.com
AS Company S.A.
AS Silvano Fashion Group
AST Groupe
Atresmedia Corporación de
Autogrill S.p.A.
Axel Springer SE
B&C Speakers S.p.A.
AS Baltika
BasicNet S.p.A.
Bayerische Motoren Werke
Bénéteau S.A.
Bet-At-Home.com AG
Beter Bed Holding N.V.
BHS tabletop AG
Bialetti Industrie S.p.A
BigBen Interactive
Bijou Brigitte modische A
Borussia Dortmund GmbH &
Bourrelier Group SA
Brembo S.p.A.
Brunello Cucinelli S.p.A.
Burelle SA
Cairo Communication S.p.A
Ceconomy AG
CIE Automotive, S.A.
Compagnie Générale des Ét
Cofina, SGPS, S.A.
Compagnie des Alpes SA
Compagnie Du Mont-Blanc
Constantin Medien AG
Continental Aktiengesells
CSP International Fashion
CTS Eventim AG & Co. KGaA
Daimler AG
Damartex
De'Longhi S.p.A.
Delfingen Industry S.A.
Delticom AG
Dierig Holding AG
DO & CO Aktiengesellschaf
Einhell Germany AG
Elica S.p.A.

GICS 2510

AKWEL
Bayerische Motoren Werke
Brembo S.p.A.
Burelle SA
CIE Automotive, S.A.
Compagnie Générale des Ét
Continental Aktiengesells

Daimler AG
Delfingen Industry S.A.
ElringKlinger AG
Faurecia S.A.
Fiat Chrysler Automobiles
Grammer AG
KTM Industries AG
Lingotes Especiales, S.A.
Nokian Renkaat Oyj
paragon GmbH & Co. KGaA
Piaggio & C. SpA
Compagnie Plastic Omnium
Polytec Holding AG
Progress Werk Oberkirch A
Renault SA
Renk Aktiengesellschaft
SAF-Holland S.A.
Toyota Caetano Portugal,
SHW AG
Sogefi S.p.A.
Valeo SA

GICS 251010

AKWEL
Brebo S.p.A.
Burelle SA
CIE Automotive, S.A.
Compagnie Générale des Ét
Continental Aktiengesells
Delfingen Industry S.A.
ElringKlinger AG
Faurecia S.A.
Grammer AG
Lingotes Especiales, S.A.
Nokian Renkaat Oyj
paragon GmbH & Co. KGaA
Compagnie Plastic Omnium
Polytec Holding AG
Progress Werk Oberkirch A
Renk Aktiengesellschaft
SAF-Holland S.A.
SHW AG
Sogefi S.p.A.
Valeo SA

GICS 251020

Bayerische Motoren Werke
Daimler AG
Fiat Chrysler Automobiles
KTM Industries AG
Piaggio & C. SpA
Renault SA
Toyota Caetano Portugal,

GICS 2520

Abbey plc
Accell Group N.V.
Adidas AG
Aeffe S.p.A.
Ahlers AG
Amer Sports Corporation

AS Company S.A.
AST Groupe
B&C Speakers S.p.A.
AS Baltika
Bénéteau S.A.
BHS tabletop AG
Bialetti Industrie S.p.A
Bijou Brigitte modische A
Brunello Cucinelli S.p.A.
CSP International Fashion
Damartex
De'Longhi S.p.A.
Dierig Holding AG
Einhell Germany AG
Elica S.p.A.
Emak S.p.A.
Fiskars Oyj Abp
Geox S.p.A.
Hermès International Soci
Hugo Boss AG
Kaufman & Broad S.A.
Leifheit Aktiengesellscha
Linz Textil Holding Aktie
Luxottica Group S.p.A.
Maisons France Confort S.
Marimekko Oyj
Orchestra-Prémaman S.A.
PFNonwovens a.s.
Piquadro S.p.A.
Piscines Desjoyaux SA
B.V. Delftsch Aardewerkfa
Prada S.p.A
PUMA SE
Ratti S.p.A.
Sabaf S.p.A.
Salvatore Ferragamo S.p.A
Samsonite International S
SEB SA
Sioen Industries NV
TOD'S S.p.A.
Trigano S.A.
Van de Velde NV
Zapf Creation AG

GICS 252010

Abbey plc
AST Groupe
B&C Speakers S.p.A.
BHS tabletop AG
Bialetti Industrie S.p.A
De'Longhi S.p.A.
Einhell Germany AG
Elica S.p.A.
Emak S.p.A.
Fiskars Oyj Abp
Kaufman & Broad S.A.
Leifheit Aktiengesellscha
Maisons France Confort S.
B.V. Delftsch Aardewerkfa
Sabaf S.p.A.
SEB SA

GICS 252020

Accell Group N.V.
AS Company S.A.
Bénéteau S.A.
Piscines Desjoyaux SA
Trigano S.A.
Zapf Creation AG

GICS 252030

Adidas AG
Aeffe S.p.A.
Ahlers AG
AS Baltika
Bijou Brigitte modische A
Brunello Cucinelli S.p.A.
CSP International Fashion
Damartex
Dierig Holding AG
Geox S.p.A.
Hermès International Soci
Hugo Boss AG
Linz Textil Holding Aktie
Luxottica Group S.p.A.
Marimekko Oyj
Orchestra-Prémaman S.A.
PFNonwovens a.s.
Piquadro S.p.A.
Prada S.p.A
PUMA SE
Ratti S.p.A.
Salvatore Ferragamo S.p.A
Samsonite International S
Sioen Industries NV
TOD'S S.p.A.
Van de Velde NV

GICS 2530

Accor SA
AmRest Holdings SE
Autogrill S.p.A.
Bet-At-Home.com AG
Compagnie des Alpes SA
Compagnie Du Mont-Blanc
DO & CO Aktiengesellschaf
Fortuna Entertainment Gro
Funespaña, S.A.
Ibersol, S.G.P.S., S.A.
IFA Hotel & Touristik Akt
Meliá Hotels Internationa
Olympic Entertainment Gro
Greek Organization of Foo
Paddy Power Betfair plc
Groupe Partouche SA
SnowWorld N.V.
Société Française de Casi
pferdewetten.de AG
TUI AG
Viking Line ABP

GICS 253010

Accor SA
AmRest Holdings SE
Autogrill S.p.A.
Bet-At-Home.com AG
Compagnie des Alpes SA
Compagnie Du Mont-Blanc
DO & CO Aktiengesellschaft
Fortuna Entertainment Gro
Ibersol, S.G.P.S., S.A.
IFA Hotel & Touristik Akt
Meliá Hotels Internationa
Olympic Entertainment Gro
Greek Organization of Foo
Paddy Power Betfair plc
Groupe Partouche SA
SnowWorld N.V.
Société Française de Casi
pferdewetten.de AG
TUI AG
Viking Line ABP

GICS 2540

ADLPartner
Artprice.com
Atresmedia Corporación de
Axel Springer SE
Borussia Dortmund GmbH &
Cairo Communication S.p.A
Cofina, SGPS, S.A.
Constantin Medien AG
Eutelsat Communications S
Gaumont SA
High Co. SA
Hopscotch Global PR Group
Infas Holding Aktiengesel
Ipsos SA
Keskisuomalainen Oyj
Klassik Radio AG
Koninklijke Brill NV
Media 6 SA
Mediaset España
Comunicac
Métropole Télévision S.A.
Mondo TV S.p.A.
NOS, S.G.P.S., S.A.
NRJ Group SA
Pohjois-Karjalan Kirjapai
Publicis Groupe S.A.
Roularta Media Group NV
RTL Group SA
SES S.A.
SinnerSchrader Aktiengese
Splendid Medien AG
Ströer SE & Co. KGaA
Syzygy AG
Télévision Française 1 SA
Vivendi SA
Xilam Animation

GICS 2550

Adler Modemärkte AG
APB Apranga
AS Silvano Fashion Group
BasicNet S.p.A.
Beter Bed Holding N.V.
Bourrelier Group SA
Ceconomy AG
Delticom AG
F.G. Europe S.A.
Fielmann Aktiengesellscha
Graines Voltz
Hornbach Baumarkt AG
Industria de Diseño Texti
Jumbo S.A.
L'Occitane International
LUDWIG BECK am
Rathauseck
Manutan International SA
Passat Société Anonyme
Petrol d.d.
Plaisio Computers S.A.
Samse SA
TAKKT AG
YOOX Net-A-Porter Group S
zooplus AG

GICS 255020

Delticom AG
Manutan International SA
Passat Société Anonyme
TAKKT AG
YOOX Net-A-Porter Group S
zooplus AG

GICS 255040

Adler Modemärkte AG
APB Apranga
AS Silvano Fashion Group
BasicNet S.p.A.
Beter Bed Holding N.V.
Bourrelier Group SA
Ceconomy AG
Fielmann Aktiengesellscha
Hornbach Baumarkt AG
Industria de Diseño Texti
Jumbo S.A.
L'Occitane International
Petrol d.d.
Plaisio Computers S.A.
Samse SA

GICS 30

AdVini S.A.
AGRANA Beteiligungs-Aktie
Alkis H. Hadjikyriacos
Amsterdam Commodities
N.V.
Anheuser-Busch InBev
SA/N
Apetit Oyj
ASTARTA Holding N.V.

Atria Oyj
Auga Group AB
Barón de Ley, S.A.
Beiersdorf Aktiengesellsc
Bodegas Riojanas, S.A.
Bonduelle SA
C&C Group plc
Carrefour SA
Casino, Guichard-Perracho
Centrale del Latte d'Ital
Etn. Fr. Colruyt NV
Danone SA
Davide Campari-Milano S.p
Distribuidora Internacion
Ebro Foods, S.A.
Enervit S.p.A.
Fleury Michon SA
Fromageries Bel SA
FRoSTA Aktiengesellschaft
Glanbia plc
Greencore Group plc
Greenyard NV
Gr. Sarantis S.A.
L.D.C. S.A.
Hawesko Holding Aktienges
Heineken N.V.
IMC S.A.
InterParfums SA
Jerónimo Martins, SGPS, S
Karelia Tobacco Company I
Kernel Holding S.A.
Kerry Group plc
Koninklijke Ahold Delhaiz
Kri Kri S.A.
Kulmbacher Brauerei Aktie
KWS Saat SE
L'Oréal S.A.
La Doria SpA
Lanson-BCC
AS Latvijas balzams
Laurent-Perrier S.A.
AB Linas Agro Group
Lotus Bakeries NV
Loulis Mills S.A.
MARR S.p.A.
Olvi Oyj
Origin Enterprises plc
Ottakringer Getränke AG
Ovostar Union N.V.
Parmalat S.p.A.
Pernod Ricard SA
Raisio plc
Rémy Cointreau SA
Rokiskio Suris AB
Sabeton SA
Sapmer SA
Savencia SA
Schloss Wachenheim AG
SIPEF NV
Sligro Food Group N.V.
Socfinasia S.A.

Société de Services,de Pa
Stelios Kanakis Industria
Südwestdeutsche
Salzwerke
Südzucker AG
Suominen Oyj
Tallinna Kaubamaja Grupp
Ter Beke NV
Tipiak Société Anonyme
Total Produce plc
Valsoia SpA
Vilmorin & Cie SA
Viscofan, S.A.
Vranken-Pommery
Monopole
WASGAU Produktions &
Hand
Koninklijke Wessanen N.V.
AB Zemaitijos pienas

GICS 3010

Amsterdam Commodities
N.V.
Carrefour SA
Casino, Guichard-Perracho
Etn. Fr. Colruyt NV
Distribuidora Internacion
Hawesko Holding Aktienges
Jerónimo Martins, SGPS, S
Koninklijke Ahold Delhaiz
MARR S.p.A.
Sligro Food Group N.V.
Stelios Kanakis Industria
Tallinna Kaubamaja Grupp
Total Produce plc
WASGAU Produktions &
Hand

GICS 3020

AdVini S.A.
AGRANA Beteiligungs-Aktie
Alkis H. Hadjikyriacos
Anheuser-Busch InBev
SA/N
ASTARTA Holding N.V.
Atria Oyj
Auga Group AB
Barón de Ley, S.A.
Bodegas Riojanas, S.A.
Bonduelle SA
C&C Group plc
Centrale del Latte d'Ital
Davide Campari-Milano S.p
Ebro Foods, S.A.
Fleury Michon SA
Fromageries Bel SA
FRoSTA Aktiengesellschaft
Greencore Group plc
Greenyard NV
L.D.C. S.A.
Heineken N.V.
IMC S.A.
Karelia Tobacco Company I

Kernel Holding S.A.
Kerry Group plc
Kri Kri S.A.
Kulmbacher Brauerei Aktie
KWS Saat SE
La Doria SpA
Lanson-BCC
AS Latvijas balzams
Laurent-Perrier S.A.
AB Linas Agro Group
Lotus Bakeries NV
Loulis Mills S.A.
Olvi Oyj
Origin Enterprises plc
Ottakringer Getränke AG
Ovostar Union N.V.
Parmalat S.p.A.
Pernod Ricard SA
Raisio plc
Rémy Cointreau SA
Rokiskio Suris AB
Sabeton SA
Sapmer SA
Savencia SA
Schloss Wachenheim AG
SIPEF NV
Socfinasia S.A.
Société de Services,de Pa
Südwestdeutsche
Salzwerke
Südzucker AG
Ter Beke NV
Tipiak Société Anonyme
Valsoia SpA
Vilmorin & Cie SA
Viscofan, S.A.
Vranken-Pommery
Monopole
Koninklijke Wessanen N.V.
AB Zemaitijos pienas

GICS 302010

AdVini S.A.
Anheuser-Busch InBev
SA/N
Barón de Ley, S.A.
Bodegas Riojanas, S.A.
C&C Group plc
Davide Campari-Milano S.p
Heineken N.V.
Kulmbacher Brauerei Aktie
Lanson-BCC
AS Latvijas balzams
Laurent-Perrier S.A.
Olvi Oyj
Ottakringer Getränke AG
Pernod Ricard SA
Rémy Cointreau SA
Schloss Wachenheim AG
Société de Services,de Pa
Vranken-Pommery
Monopole

GICS 302020

AGRANA Beteiligungs-Aktie
Alkis H. Hadjikyriacos
ASTARTA Holding N.V.
Atria Oyj
Auga Group AB
Bonduelle SA
Centrale del Latte d'Ital
Ebro Foods, S.A.
Fleury Michon SA
Fromageries Bel SA
FRoSTA Aktiengesellschaft
Greencore Group plc
Greenyard NV
L.D.C. S.A.
IMC S.A.
Kernel Holding S.A.
Kerry Group plc
Kri Kri S.A.
KWS Saat SE
La Doria SpA
AB Linas Agro Group
Lotus Bakeries NV
Loulis Mills S.A.
Origin Enterprises plc
Ovostar Union N.V.
Parmalat S.p.A.
Raisio plc
Rokiskio Suris AB
Sabeton SA
Sapmer SA
Savencia SA
SIPEF NV
Socfinasia S.A.
Südwestdeutsche
Salzwerke
Südzucker AG
Ter Beke NV
Tipiak Société Anonyme
Valsoia SpA
Vilmorin & Cie SA
Viscofan, S.A.
Koninklijke Wessanen N.V.
AB Zemaitijos pienas

GICS 3030

Beiersdorf Aktiengesellsc
Enervit S.p.A.
Gr. Sarantis S.A.
InterParfums SA
L'Oréal S.A.
Suominen Oyj

GICS 35

Almirall, S.A.
Amplifon SpA
Bastide Le Confort Médica
bioMérieux S.A.
Biotest Aktiengesellschaf
Boiron SA

Carl Zeiss Meditec AG
 Clínica Baviera, S.A.
 CompuGroup Medical
 Societ
 Cosmo Pharmaceuticals
 N.V
 DiaSorin S.p.A.
 Eckert & Ziegler Strahlen
 Eckert & Ziegler BEBIG S.
 Eifelhöhen-Klinik AG
 Essilor Int'l Société Ano
 EuKedos S.p.A.
 Eurofins Scientific SE
 Euromedis Groupe
 Evotec AG
 Faes Farma, S.A.
 Fresenius Medical Care AG
 Fresenius SE & Co. KGaA
 Geratherm Medical AG
 Grifols, S.A.
 AS Grindeks
 Guerbet SA
 HAEMATO AG
 IASO S.A.
 Ion Beam Applications SA
 Ipsen S.A.
 Koninklijke Philips N.V.
 Korian
 Krka, d. d.
 Laboratorios Farmaceutico
 LNA Santé SA
 MEDICLIN Aktiengesellscha
 Merck
 Kommanditgesellschaft
 MeVis Medical Solutions A
 Nexus AG
 Oriola Oyj
 Orion Oyj
 ORPEA Société Anonyme
 Paul Hartmann AG
 PCAS SA
 Pharmagest Interactive SA
 Prim, S.A.
 Recordati Industria Chim
 Revenio Group Oyj
 RHÖN-KLINIKUM
 Aktiengesel
 Sanofi
 Sartorius Stedim Biotech
 Servizi Italia S.p.A.
 STADA Arzneimittel Aktien
 Stallergenes Greer Plc
 STRATEC Biomedical AG
 UCB SA
 UDG Healthcare plc
 Vetoquinol SA
 Virbac SA
 VITA 34 AG

GICS 3510

Amplifon SpA
 Bastide Le Confort Médica

bioMérieux S.A.
 Carl Zeiss Meditec AG
 Clínica Baviera, S.A.
 CompuGroup Medical
 Societ
 DiaSorin S.p.A.
 Eckert & Ziegler Strahlen
 Eckert & Ziegler BEBIG S.
 Eifelhöhen-Klinik AG
 Essilor Int'l Société Ano
 EuKedos S.p.A.
 Euromedis Groupe
 Fresenius Medical Care AG
 Fresenius SE & Co. KGaA
 Geratherm Medical AG
 Guerbet SA
 HAEMATO AG
 IASO S.A.
 Ion Beam Applications SA
 Koninklijke Philips N.V.
 Korian
 LNA Santé SA
 MEDICLIN Aktiengesellscha
 MeVis Medical Solutions A
 Nexus AG
 Oriola Oyj
 ORPEA Société Anonyme
 Paul Hartmann AG
 Pharmagest Interactive SA
 Prim, S.A.
 Revenio Group Oyj
 RHÖN-KLINIKUM
 Aktiengesel
 Servizi Italia S.p.A.
 STRATEC Biomedical AG
 UDG Healthcare plc
 VITA 34 AG

GICS 351010

bioMérieux S.A.
 Carl Zeiss Meditec AG
 DiaSorin S.p.A.
 Eckert & Ziegler Strahlen
 Eckert & Ziegler BEBIG S.
 Essilor Int'l Société Ano
 Euromedis Groupe
 Geratherm Medical AG
 Guerbet SA
 Ion Beam Applications SA
 Koninklijke Philips N.V.
 Paul Hartmann AG
 Prim, S.A.
 Revenio Group Oyj
 STRATEC Biomedical AG

GICS 351020

Amplifon SpA
 Bastide Le Confort Médica
 Clínica Baviera, S.A.
 Eifelhöhen-Klinik AG
 EuKedos S.p.A.
 Fresenius Medical Care AG

Fresenius SE & Co. KGaA
 HAEMATO AG
 IASO S.A.
 Korian
 LNA Santé SA
 MEDICLIN Aktiengesellscha
 Oriola Oyj
 ORPEA Société Anonyme
 RHÖN-KLINIKUM
 Aktiengesel
 Servizi Italia S.p.A.
 VITA 34 AG

GICS 3520

Almirall, S.A.
 Biotest Aktiengesellschaft
 Boiron SA
 Cosmo Pharmaceuticals
 N.V
 Eurofins Scientific SE
 Evotec AG
 Faes Farma, S.A.
 Grifols, S.A.
 AS Grindeks
 Ipsen S.A.
 Krka, d. d.
 Laboratorios Farmaceutico
 Merck
 Kommanditgesellschaft
 Orion Oyj
 PCAS SA
 Recordati Industria Chim
 Sanofi
 Sartorius Stedim Biotech
 STADA Arzneimittel Aktien
 Stallergenes Greer Plc
 UCB SA
 Vetoquinol SA
 Virbac SA

GICS 352020

Almirall, S.A.
 Boiron SA
 Cosmo Pharmaceuticals
 N.V
 Faes Farma, S.A.
 AS Grindeks
 Ipsen S.A.
 Krka, d. d.
 Laboratorios Farmaceutico
 Merck
 Kommanditgesellschaft
 Orion Oyj
 Recordati Industria Chim
 Sanofi
 STADA Arzneimittel Aktien
 Stallergenes Greer Plc
 UCB SA
 Vetoquinol SA
 Virbac SA

GICS 401010

Aktia Bank p.l.c.
Banco BPI, S.A.
Banco de Sabadell, S.A.
Banco di Desio e della Br
Banco di Sardegna S.p.A.
Banco Santander, S.A.
Banco Bilbao Vizcaya Arge
BPER Banca S.p.A.
Caisse Reg. de Credit Agr
Caisse régionale de Crédi
CaixaBank, S.A.
comdirect bank Aktiengese
Caisse Régionale de Crédi
Caisse Régionale de Crédi
Caisse Régionale De Crédi
Caisse Régionale Crédi A
Caisse régionale de Crédi
Caisse Régionale de Crédi
Caisse Régionale de Crédi
Caisse Régionale de Crédi
Caisse Régionale de Crédi
Caisse Régionale de Crédi
Crédit Agricole S.A.
Credito Emiliano S.p.A.
HSBC Trinkaus & Burkhardt
ING Groep N.V.
KBC Group NV
Raiffeisen Bank Internati
Van Lanschot Kempen N.V.
Vseobecná úverová banka,

GICS 402010

ABC Arbitrage SA
Ackermans & Van Haaren
NV
Albis Leasing AG
Banca IFIS S.p.A.
Compagnie du Bois
Sauvage
Eurazeo SE
Exor N.V.
FORIS AG
Grenke AG
Groupe Bruxelles Lambert
Hypoport AG
IFG Group plc
Sofina Société Anonyme

GICS 402030

Alantra Partners, S.A.
Altamir SCA
Azimut Holding S.p.A.
Banca Finnat Euramerica S
Banca Generali S.p.A.
BBGI Sicav S.A.
BinckBank N.V.
Bolsas y Mercados Españ.,
C-QUADRAT Investment AG
CapMan Oyj
Compagnie Lebon
Deutsche Balaton AG

Deutsche Beteiligungs AG
Deutsche Börse Aktiengese
eQ Oyj
FinLab AG
FinTech Group AG
First Capital S.p.A.
GIMV NV
Hellenic Exchanges
KAS BANK N.V.
IDI
Luxempart S.A.
Natixis S.A.
OVB Holding AG
PEH Wertpapier AG
Quest for Growth Belgium
Renta 4 Banco, S.A.
Rothschild & Co SCA
Tamburi Investment Partne
Union Financiere de Franc
Unternehmens Invest AG
VIEL & Cie

GICS 403010

Aegon N.V.
ageas SA/NV
Allianz SE
April SA
Assicurazioni Generali S.
AXA SA
CNP Assurances SA
Euler Hermes Group SA
European Reliance Gen. In
FBD Holdings plc
Grupo Catalana Occidente,
Hannover Rück SE
Mapfre, S.A.
Münchener
Rückversicherun
Pozavarovalnica Sava, d.d
Sampo Oyj
SCOR SE
Società Cattolica di Assi
Talanx Aktiengesellschaft
Unipol Gruppo S.p.A.
UnipolSai Assicurazioni S
UNIQA Insurance Group AG
Vienna Insurance Group AG
Vittoria Assicurazioni S.
Wüstenrot & Württembergis
Zavarovalnica Triglav, d.

GICS 45

ACTIA Group S.A.
adesso AG
ADVA Optical Networking S
All for One Steeb AG
Allgeier SE
Alten SA
Altran Technologies S.A.
Amadeus IT Group, S.A.
ams AG

AND International Publish
ASBISc Enterprises Plc
ASM International NV
ASML Holding N.V.
AT & S Aktiengesellschaft
ATOSS Software AG
Aubay Société Anonyme
auFeminin.com
AURES Technologies S.A.
Axway Software SA
B+S Bankssysteme
Aktienges
Barco NV
Basler Aktiengesellschaft
Be Think, Solve, Execute
BE Semiconductor Industri
Beta Systems Software AG
Bittium Oyj
CAD IT S.p.A.
Cancom SE
Capgemini SE
CENIT Aktiengesellschaft
Cliq Digital AG
Ctac N.V.
Dalet S.A.
Dassault Systèmes SE
DATA MODUL
Aktiengesellsc
DATAGROUP SE
Datalex plc
Datalogic S.p.A.
Devoteam SA
Diebold Nixdorf Aktienges
Digia Oyj
Digital Bros S.p.A.
Dom Security
EASY SOFTWARE AG
Econocom Group SE
ELMOS Semiconductor AG
ESI Group SA
Esprinet S.p.A.
Evolis SA
EVS Broadcast Equipment S
Exprivia S.p.A.
Fabasoft AG
First Sensor AG
Fortec Elektronik AG
GFI Informatique SA
GFT Technologies SE
GK Software SE
Neurones S.A.
Groupe Open
Guillemot Corporation S.A
KPS AG
HolidayCheck Group AG
ICT Group N.V.
IGE+XAO Group
Infineon Technologies AG
Infotel SA
Ingenico Group - GCS
init innovation in traffi
Innofactor Plc

InterCard AG Informations
 InVision Aktiengesellscha
 Isra Vision AG
 IT Link SA
 Itesoft S.A.
 ITS Group
 IVU Traffic Technologies
 Jenoptik AG
 Kapsch TrafficCom AG
 Keyrus S.A.
 Keyware Technologies NV
 Lacroix SA
 Lectra SA
 Linedata Services S.A.
 Logicom Public Limited
 LPKF Laser & Electronics
 LS telcom AG
 Lumibird
 Melexis NV
 Mensch und Maschine
 Softw
 N.V. Nederlandsche Appara
 Nemetschek SE
 Neopost S.A.
 Netgem SA
 Neurosoft Software Produc
 Neways Electronics Intern
 Nice S.p.A.
 Novabase SGPS SA
 ORBIS AG
 Prodware
 Profile Systems & Softwar
 PSI Software AG
 RealDolmen NV
 Reply S.p.A.
 RIB Software SE
 RS2 Software p.l.c.
 S&T AG
 SAES Getters S.p.A.
 A/S SAF Tehnika
 SAP SE
 Scanfil Oyj
 Schweizer Electronic AG
 secunet Security Networks
 SII (Société pour l'Infor
 Siili Solutions Oyj
 SNP Schneider-Neureither
 Sodifrance SA
 Soft Computing
 Softing AG
 Software Aktiengesellscha
 Sopra Steria Group
 SQLi
 SÜSS MicroTec SE
 Sword Group S.E.
 Teleste Corporation
 Tessi SA
 Tieto Oyj
 TXT e-solutions S.p.A.
 Umanis SA
 United Internet AG

USU Software AG
 Vaisala Oyj
 Videlio SA
 Viscom AG
 Wavestone SA
 Xing SE
 Zenitel NV

GICS 4510

adesso AG
 All for One Steeb AG
 Allgeier SE
 Alten SA
 Altran Technologies S.A.
 Amadeus IT Group, S.A.
 AND International Publish
 ATOSS Software AG
 Aubay Société Anonyme
 auFeminin.com
 Axway Software SA
 B+S Banksysteme
 Aktienges
 Be Think, Solve, Execute
 Beta Systems Software AG
 Bittium Oyj
 CAD IT S.p.A.
 Cancom SE
 Capgemini SE
 CENIT Aktiengesellschaft
 Cliq Digital AG
 Ctac N.V.
 Dalet S.A.
 Dassault Systèmes SE
 DATAGROUP SE
 Datalex plc
 Devoteam SA
 Digia Oyj
 Digital Bros S.p.A.
 EASY SOFTWARE AG
 Econocom Group SE
 ESI Group SA
 Exprivia S.p.A.
 Fabasoft AG
 GFI Informatique SA
 GFT Technologies SE
 GK Software SE
 Neurones S.A.
 Groupe Open
 KPS AG
 HolidayCheck Group AG
 ICT Group N.V.
 IGE+XAO Group
 Infotel SA
 init innovation in traffi
 Innofactor Plc
 InVision Aktiengesellscha
 IT Link SA
 Itesoft S.A.
 ITS Group
 IVU Traffic Technologies
 Keyrus S.A.

Keyware Technologies NV
 Lectra SA
 Linedata Services S.A.
 LS telcom AG
 Mensch und Maschine
 Softw
 Nemetschek SE
 Netgem SA
 Neurosoft Software Produc
 Novabase SGPS SA
 ORBIS AG
 Prodware
 Profile Systems & Softwar
 PSI Software AG
 RealDolmen NV
 Reply S.p.A.
 RIB Software SE
 RS2 Software p.l.c.
 SAP SE
 secunet Security Networks
 SII (Société pour l'Infor
 Siili Solutions Oyj
 SNP Schneider-Neureither
 Sodifrance SA
 Soft Computing
 Software Aktiengesellscha
 Sopra Steria Group
 SQLi
 Sword Group S.E.
 Tessi SA
 Tieto Oyj
 TXT e-solutions S.p.A.
 Umanis SA
 United Internet AG
 USU Software AG
 Wavestone SA
 Xing SE

GICS 451010

auFeminin.com
 B+S Banksysteme
 Aktienges
 Datalex plc
 HolidayCheck Group AG
 Innofactor Plc
 Netgem SA
 SQLi
 United Internet AG
 Xing SE

GICS 451020

adesso AG
 All for One Steeb AG
 Allgeier SE
 Alten SA
 Altran Technologies S.A.
 Amadeus IT Group, S.A.
 ATOSS Software AG
 Aubay Société Anonyme
 Be Think, Solve, Execute
 Cancom SE
 Capgemini SE

Ctac N.V.
 DATAGROUP SE
 Devoteam SA
 Digia Oyj
 Econocom Group SE
 GFI Informatique SA
 GFT Technologies SE
 Neurones S.A.
 Groupe Open
 KPS AG
 Infotel SA
 ITS Group
 Keyrus S.A.
 Keyware Technologies NV
 Novabase SGPS SA
 ORBIS AG
 Prodware
 Reply S.p.A.
 secunet Security Networks
 SII (Société pour l'Infor
 Siili Solutions Oyj
 SNP Schneider-Neureither
 Sodifrance SA
 Soft Computing
 Sopra Steria Group
 Tessi SA
 Tieto Oyj
 Umanis SA
 Wavestone SA

GICS 451030

AND International Publish
 Beta Systems Software AG
 Bittium Oyj
 CAD IT S.p.A.
 CENIT Aktiengesellschaft
 Cliq Digital AG
 Dalet S.A.
 Dassault Systèmes SE
 Digital Bros S.p.A.
 EASY SOFTWARE AG
 ESI Group SA
 Exprivia S.p.A.
 Fabasoft AG
 GK Software SE
 ICT Group N.V.
 IGE+XAO Group
 init innovation in traffi
 InVision Aktiengesellscha
 IT Link SA
 Itesoft S.A.
 IVU Traffic Technologies
 Lectra SA
 Linedata Services S.A.
 Mensch und Maschine
 Softw
 Nemetschek SE
 Profile Systems & Softwar
 PSI Software AG
 RIB Software SE
 RS2 Software p.l.c.

SAP SE
 Software Aktiengesellscha
 TXT e-solutions S.p.A.
 USU Software AG

GICS 4520

ACTIA Group S.A.
 ADVA Optical Networking S
 ASBISc Enterprises Plc
 AT & S Aktiengesellschaft
 AURES Technologies S.A.
 Barco NV
 Basler Aktiengesellschaft
 DATA MODUL
 Aktiengesellsc
 Datalogic S.p.A.
 Diebold Nixdorf Aktienges
 Dom Security
 Esprinet S.p.A.
 EVS Broadcast Equipment S
 Fortec Elektronik AG
 Guillemot Corporation S.A
 Ingenico Group - GCS
 InterCard AG Informations
 Isra Vision AG
 Kapsch TrafficCom AG
 Lacroix SA
 Logicom Public Limited
 LPKF Laser & Electronics
 Lumibird
 N.V. Nederlandsche Appara
 Neopost S.A.
 Neways Electronics Intern
 Nice S.p.A.
 SAES Getters S.p.A.
 A/S SAF Tehnika
 Scanfil Oyj
 Schweizer Electronic AG
 Vaisala Oyj
 Videlio SA
 Viscom AG
 Zenitel NV

GICS 452030

ACTIA Group S.A.
 ASBISc Enterprises Plc
 AT & S Aktiengesellschaft
 AURES Technologies S.A.
 Barco NV
 Basler Aktiengesellschaft
 DATA MODUL
 Aktiengesellsc
 Datalogic S.p.A.
 Dom Security
 Esprinet S.p.A.
 Ingenico Group - GCS
 Isra Vision AG
 Kapsch TrafficCom AG
 Lacroix SA
 Logicom Public Limited
 LPKF Laser & Electronics
 Lumibird

N.V. Nederlandsche Appara
 Neways Electronics Intern
 Nice S.p.A.
 SAES Getters S.p.A.
 Scanfil Oyj
 Schweizer Electronic AG
 Vaisala Oyj
 Videlio SA
 Viscom AG

GICS 4530

ams AG
 ASM International NV
 ASML Holding N.V.
 BE Semiconductor Industri
 ELMOS Semiconductor AG
 First Sensor AG
 Infineon Technologies AG
 Melexis NV
 SÜSS MicroTec SE

GICS 50

Afone S.A.
 Deutsche Telekom AG
 ecotel communication ag
 EI Towers S.p.A
 Elisa Oyj
 freenet AG
 GO p.l.c.
 Iliad SA
 Keyyo S.A.
 Koninklijke KPN N.V.
 Millicom International Ce
 Newsphone Hellas SA
 Orange S.A.
 Orange Belgium S.A.
 Hellenic Telecommunicatio
 Proximus PLC
 Sonaecom, SGPS, S.A.
 Telecom Italia S.p.A.
 Telefónica, S.A.
 Telekom Austria Aktienges
 Telekom Slovenije, d.d.
 Telia Lietuva, AB

GICS 501010

Afone S.A.
 EI Towers S.p.A
 Elisa Oyj
 GO p.l.c.
 Iliad SA
 Keyyo S.A.
 Newsphone Hellas SA
 Proximus PLC
 Telecom Italia S.p.A.
 Telefónica, S.A.
 Telekom Austria Aktienges
 Telekom Slovenije, d.d.
 Telia Lietuva, AB

GICS 55

7C Solarparken AG
A2A S.p.A.
ACEA S.p.A.
Acsm-Agam S.p.A.
Albioma
Ascopiave S.p.A.
E.ON SE
Electricité de France S.A
EDP - Energias de Portuga
EDP Renováveis, S.A.
Électricite de Strasbourg
Elia System Operator SA
EnBW Energie Baden-Württe
Encavis AG
Endesa, S.A.
Enel SpA
Energiekontor AG
ERG S.p.A.
EVN AG
Athens Water Supply and S
Fortum Oyj
Naturgy Energy Group, S.A
Gelsenwasser AG
Hera S.p.A.
Iberdrola, S.A.
AB Inter RAO Lietuva
Iren SpA
AS Latvijas Gaze
Lietuvos energijos gamyba
Mainova AG
MVV Energie AG
Red Eléctrica Corporación
REN - Redes Energéticas N
Rubis
SUEZ SA
Terna Energy Societe Anon
Terna - Rete Elettrica Na
Thessaloniki Water Supply
Veolia Environnement S.A.
VERBUND AG

GICS 551010

Electricité de France S.A
EDP - Energias de Portuga
Électricite de Strasbourg
Elia System Operator SA
Endesa, S.A.
Enel SpA
EVN AG
AB Inter RAO Lietuva
Red Eléctrica Corporación
Terna - Rete Elettrica Na

GICS 551030

A2A S.p.A.
E.ON SE
Gelsenwasser AG
Mainova AG
MVV Energie AG
SUEZ SA

Veolia Environnement S.A.

GICS 551050

7C Solarparken AG
Albioma
EDP Renováveis, S.A.
Encavis AG
Energiekontor AG
ERG S.p.A.
Lietuvos energijos gamyba
Terna Energy Societe Anon

GICS 601010

Aedifica SA
alstria office REIT-AG
Altarea Cogedim
Argan SA
Ascencio SCA
Société Centrale des Bois
Care Property Invest NV
CeGeREAL
Cofinimmo SA
Covivio
Eurocommercial Properties
Foncière des Murs
Frey SA
Gecina
Hamborner REIT AG
Home Invest Belgium S.A.
Icade
Immobiliare Grande Distri
Immobiliere Dassault SA
Intervest Offices & Wareh
Leasinvest Real Estate SC
Mercialys
Montea Comm. VA
MRM
Paref SA
Patrimoine et Commerce SA
Retail Estates N.V.
Société Foncière Lyonnais
Société de la Tour Eiffel
TERREÏS
Unibail-Rodamco-Westfield
Vastned Retail Belgium SA
Vastned Retail N.V.
Warehouses De Pauw
Warehouses Estates Belgiu
Wereldhave Belgium
Wereldhave N.V.

GICS 601020

ACCENTRO Real Estate AG
ADLER Real Estate AG
Alpha Astika Akinita S.A.
Atenor SA
CA Immobilien Anlagen AG
Groupe Capelli
CBo Territoria Société An
Citycon Oyj
Courtois S.A.

CR Capital Real Estate AG
DEMIRE Deutsche Mittelsta
Deutsche EuroShop AG
Deutsche Real Estate AG
Deutsche Wohnen SE
DIC Asset AG
EYEMAXX Real Estate AG
Fiducial Real Estate SA
Foncière Volta
Grand City Properties S.A
Groothandelsgebouwen
N.V.
GSW Immobilien AG
Hasen-Immobilien AG
Immo Moury SCA
Inmobiliaria del Sur, S.A
LEG Immobilien AG
Les Nouveaux Constructeur
Nexity SA
PATRIZIA Immobilien AG
S IMMO AG
TAG Immobilien AG
Technopolis Plc
Texaf, S.A.
UBM Development AG
VGP NV
VIB Vermögen AG
Westgrund AG

Appendix L: Companies (“High-Financial-Risk” Set) in Each Industry, by GICS Code, in Eurozone

In appendix L, a listing of companies in the set of “high-financial-risk” companies for each GICS code in the Eurozone region is presented.

GICS 10

CGG
Coal Energy S.A.
D'Amico International Shi
Esso S.A.F.
Etablissements Maurel & P
Exmar NV
Fluxys Belgium SA
Heurtey Petrochem S.A.
Petrolia SE
PetroNeft Resources plc
Prosafe SE
Revoil S.A.
Saras S.p.A.
Vallourec SA

GICS 101010

CGG
Heurtey Petrochem S.A.
Petrolia SE
Prosafe SE
Vallourec SA

GICS 101020

Coal Energy S.A.
D'Amico International Shi
Esso S.A.F.
Etablissements Maurel & P
Exmar NV
Fluxys Belgium SA
PetroNeft Resources plc
Revoil S.A.
Saras S.p.A.

GICS 15

Afarak Group Oyj
Alumil Aluminium Industry
ArcelorMittal
Elastron S.A. - Steel Ser
Encres Dubuit
ERAMET S.A.
Gascogne SA
Halcor Metal Works S.A.
Société Internationale de
Kenmare Resources plc
Nyrstar NV
OCI N.V.
Orapi
Outokumpu Oyj
Recylex S.A.
Semapa - Sociedade de Inv
Sequana SA
SKW Stahl-Metallurgie Hol
Sonae Indústria, S.G.P.S.
Tubos Reunidos, S.A.
Vianini S.p.A.
Viohalco S.A.

GICS 151040

Afarak Group Oyj
Alumil Aluminium Industry

ArcelorMittal
Elastron S.A. - Steel Ser
ERAMET S.A.
Halcor Metal Works S.A.
Kenmare Resources plc
Nyrstar NV
Outokumpu Oyj
Recylex S.A.
SKW Stahl-Metallurgie Hol
Tubos Reunidos, S.A.
Viohalco S.A.

GICS 20

Abengoa, S.A.
Air France-KLM SA
ALBA SE
Anonimi Naftiliaki Etarei
Artefact S.A.
Astaldi S.p.A.
Attica Holdings S.A.
Latécoère S.A.
Beghelli S.p.A.
Bilfinger SE
Bremer Lagerhaus Gesellsc
Carraro S.p.A.
Catalis SE
Compagnie Industriali Riu
Componenta Corporation
Corporación Empresarial d
Dovre Group Plc
Dromeas SA
Edenred SA
Enertronica S.p.A.
Fiera Milano SpA
Fomento de
Construcciones
Fountain S.A.
Frigoglass S.A.I.C.
GEK TERNA Holdings, Real
Gesco AG
Glaston Oyj Abp
Greiffenberger AG
Groupe Gorgé SA
Duro Felguera, S.A.
Hamon & Cie (Internationa
Heidelberger
Druckmaschin
HTI High Tech Industries
Inapa - Invetimentos, Pa
Inform P. Lykos S.A.
InterEuropa d.d.
Intracom Constructions So
KDM Shipping Public Limit
Klößner & Co SE
Leonardo S.p.a.
Logwin AG
Marenave Schiffahrts AG
Martela Oyj
Mevaco S.A.
Nexans S.A.
Nurminen Logistics Oyj
Obrascón Huarte Lain, S.A.

Poligrafica S. Faustino S
Poligrafici Printing S.p.
PostNL N.V.
Rosss S.p.A.
Société Anonyme Belge de
Sacyr, S.A.
SCHUMAG
Aktiengesellschaf
SDC Invetimentos, S.A.
Séché Environnement SA
SGL Carbon SE
Soditech SA
Soprano Oyj
Touax SCA
TREVI - Finanziaria Indus
Tulikivi Corporation
Unibios Holdings S.A.
Vossloh AG

GICS 2010

Abengoa, S.A.
Astaldi S.p.A.
Latécoère S.A.
Beghelli S.p.A.
Carraro S.p.A.
Componenta Corporation
Corporación Empresarial d
Enertronica S.p.A.
Fomento de
Construcciones
Frigoglass S.A.I.C.
GEK TERNA Holdings, Real
Gesco AG
Greiffenberger AG
Groupe Gorgé SA
Duro Felguera, S.A.
Hamon & Cie (Internationa
HTI High Tech Industries
Inapa - Invetimentos, Pa
Intracom Constructions So
Klößner & Co SE
Leonardo S.p.a.
Mevaco S.A.
Nexans S.A.
Obrascón Huarte Lain, S.A
Société Anonyme Belge de
SCHUMAG
Aktiengesellschaf
SDC Invetimentos, S.A.
SGL Carbon SE
TREVI - Finanziaria Indus
Tulikivi Corporation
Unibios Holdings S.A.
Vossloh AG

GICS 201030

Abengoa, S.A.
Astaldi S.p.A.
Fomento de
Construcciones
GEK TERNA Holdings, Real
Duro Felguera, S.A.

Intracom Constructions So
Obrascón Huarte Lain, S.A.
SDC Investimentos, S.A.
TREVI - Finanziaria Indus

Bremer Lagerhaus Gesellsc
InterEuropa d.d.
KDM Shipping Public Limit
Logwin AG
Marenave Schiffahrts AG
Nurminen Logistics Oyj
PostNL N.V.
Touax SCA

Safilo Group S.p.A.
SAG GEST - Soluções
Autom
Sanoma Oyj
Selected Textiles S.A.
Skano Group AS
AB Snaige
Snaitech S.p.A.
S.S. Lazio S.p.A.
Solocal Group S.A.
Sport Lisboa e Benfica -
Stern Groep N.V.
Stockmann Oyj ABP
Telenet Group Holding NV
Tom Tailor Holding SE
TomTom N.V.
Toupargel Groupe SA
Vivanco Gruppe AG
Vocento, S.A.
Wild Bunch AG
Wolford Aktiengesellschaft
Wulff-Yhtiöt Oyj

GICS 201060

Carraro S.p.A.
Componenta Corporation
Frigoglass S.A.I.C.
Gesco AG
Greiffenberger AG
Groupe Gorgé SA
HTI High Tech Industries
Mevaco S.A.
SCHUMAG
Aktiengesellschaft
Unibios Holdings S.A.
Vossloh AG

GICS 25

AdUX SA
AFC Ajax NV
Antevenio, S.A.
Arnoldo Mondadori Editore
A.S. Création Tapeten AG
Baccarat S.A.
Bernard Loiseau SA
Centrale d'Achat Français
Caleffi S.p.A.
Centric Holdings S.A.
Codere, S.A.
Cyprus Trading Corporatio
Damiani S.p.A.
Elve S.A.
Foullis Holdings S.A.
GEDI Gruppo Editoriale S.
Gorenje, d.d.
Groupe Flo SA
Groupe LDLC
HanseYachts AG
Honkarakenne Oyj
iGrandiViaggi S.p.A.
I.Kloukinas-I.Lappas S.A.
Ilkka-Yhtymä Oyj
Immsi S.p.A.
Impresa - Sociedade Gesto
Independent News & Media
International Hotel Inves
Intralot S.A. Integrated
Juventus Football Club S.
Kabel Deutschland Holding
Lafuma SA
Landi Renzo S.p.A.
Les Hotels De Paris SA
Lexibook - Linguistic Ele
m4e AG
Makheia Group Société
Ano
Mediacontech S.p.A.
Mediaset S.p.A.
Monrif S.p.A.
Mr. Bricolage SA
mybet Holding SE
NH Hotel Group, S.A.
Peugeot S.A.
Philippos Nakas S.A.
Pierre & Vacances SA
Pininfarina S.p.A.
Poligrafici Editoriale S.
Promotora de
Informacione
RCS MediaGroup S.p.A.

GICS 2520

A.S. Création Tapeten AG
Baccarat S.A.
Caleffi S.p.A.
Damiani S.p.A.
Elve S.A.
Gorenje, d.d.
HanseYachts AG
Honkarakenne Oyj
Lafuma SA
Lexibook - Linguistic Ele
Safilo Group S.p.A.
Selected Textiles S.A.
Skano Group AS
AB Snaige
TomTom N.V.
Vivanco Gruppe AG
Wolford Aktiengesellschaft

GICS 252010

A.S. Création Tapeten AG
Baccarat S.A.
Gorenje, d.d.
Honkarakenne Oyj
Lexibook - Linguistic Ele
Skano Group AS
AB Snaige
TomTom N.V.
Vivanco Gruppe AG

GICS 252030

Caleffi S.p.A.
Damiani S.p.A.
Elve S.A.
Safilo Group S.p.A.
Selected Textiles S.A.
Wolford Aktiengesellschaft

GICS 2020

ALBA SE
Artefact S.A.
Catalis SE
Dovre Group Plc
Dromeas SA
Edenred SA
Fiera Milano SpA
Fountain S.A.
Inform P. Lykos S.A.
Martela Oyj
Poligrafica S. Faustino S
Poligrafici Printing S.p.
Rosss S.p.A.
Séché Environnement SA
Soditech SA
Soprano Oyj

GICS 202010

ALBA SE
Dromeas SA
Edenred SA
Fiera Milano SpA
Fountain S.A.
Inform P. Lykos S.A.
Martela Oyj
Poligrafica S. Faustino S
Poligrafici Printing S.p.
Rosss S.p.A.
Séché Environnement SA

GICS 202020

Artefact S.A.
Catalis SE
Dovre Group Plc
Soditech SA
Soprano Oyj

GICS 2030

Air France-KLM SA
Anonimi Naftiliaki Etairei
Attica Holdings S.A.

GICS 2530

Bernard Loiseau SA
 Centric Holdings S.A.
 Codere, S.A.
 Groupe Flo SA
 iGrandiViaggi S.p.A.
 International Hotel Inves
 Intralot S.A. Integrated
 Les Hotels De Paris SA
 mybet Holding SE
 NH Hotel Group, S.A.
 Pierre & Vacances SA
 Snaitech S.p.A.

GICS 253010

Bernard Loiseau SA
 Centric Holdings S.A.
 Codere, S.A.
 Groupe Flo SA
 iGrandiViaggi S.p.A.
 International Hotel Inves
 Intralot S.A. Integrated
 Les Hotels De Paris SA
 mybet Holding SE
 NH Hotel Group, S.A.
 Pierre & Vacances SA
 Snaitech S.p.A.

GICS 2540

AdUX SA
 AFC Ajax NV
 Antevenio, S.A.
 Arnoldo Mondadori Editore
 GEDI Gruppo Editoriale S.
 Ilkka-Yhtymä Oyj
 Impresa - Sociedade Gestio
 Independent News & Media
 Juventus Football Club S.
 Kabel Deutschland Holding
 m4e AG
 Makheia Group Société
 Ano
 Mediacontech S.p.A.
 Mediaset S.p.A.
 Monrif S.p.A.
 Poligrafici Editoriale S.
 Promotora de
 Informacione
 RCS MediaGroup S.p.A.
 Sanoma Oyj
 S.S. Lazio S.p.A.
 Solocal Group S.A.
 Sport Lisboa e Benfica -
 Telenet Group Holding NV
 Vocento, S.A.
 Wild Bunch AG

GICS 2550

Centrale d'Achat Français
 Cyprus Trading Corporatio
 Fournal Holdings S.A.
 Groupe LDLC

I.Kloukinas-I.Lappas S.A.
 Mr. Bricolage SA
 Philippos Nakas S.A.
 SAG GEST - Soluções
 Autom
 Stern Groep N.V.
 Stockmann Oyj ABP
 Tom Tailor Holding SE
 Toupargel Groupe SA
 Wulff-Yhtiöt Oyj

GICS 255040

Centrale d'Achat Français
 Fournal Holdings S.A.
 I.Kloukinas-I.Lappas S.A.
 Mr. Bricolage SA
 Philippos Nakas S.A.
 Stern Groep N.V.

GICS 30

Agroton Public Limited
 Alès Groupe S.A.
 Creta Farm S.A.
 Deoleo, S.A.
 Elgeka S.A.
 Evrofarma SA
 Foncière Euris SA
 HKScan Oyj
 KORRES S.A. - Natural Pro
 KSG Agro S.A.
 Marie Brizard Wine & Spir
 Milkiland N.V.
 Natra, S.A.
 Nireus Aquaculture S.A.
 Papoutsanis S.A.
 Park & Bellheimer AG
 Rallye SA
 Selonda Aquaculture S.A.

GICS 3020

Agroton Public Limited
 Creta Farm S.A.
 Deoleo, S.A.
 Evrofarma SA
 HKScan Oyj
 KSG Agro S.A.
 Marie Brizard Wine & Spir
 Milkiland N.V.
 Natra, S.A.
 Nireus Aquaculture S.A.
 Park & Bellheimer AG
 Selonda Aquaculture S.A.

GICS 302020

Agroton Public Limited
 Creta Farm S.A.
 Deoleo, S.A.
 Evrofarma SA
 HKScan Oyj
 KSG Agro S.A.
 Milkiland N.V.

Natra, S.A.
 Nireus Aquaculture S.A.
 Selonda Aquaculture S.A.

GICS 35

Cegedim SA
 Fagron NV
 Diagnostic and Therapeuti
 Ifa Systems Ag
 Maternus-Kliniken Aktieng
 McKesson Europe AG
 Pharma Mar, S.A.
 SANOCHEMIA
 Pharmazeutika

GICS 3510

Cegedim SA
 Fagron NV
 Diagnostic and Therapeuti
 Ifa Systems Ag
 Maternus-Kliniken Aktieng
 McKesson Europe AG

GICS 45

Amper, S.A.
 Aspocomp Group Oyj
 Basware Oyj
 Business & Decision SA
 Byte Computer SA
 CS Communication &
 System
 Digigram S.A.
 Dionic S.A.
 DNXC Corp SE
 Escher Group Holdings plc
 euromicron AG
 exheet Group SE
 FullSix S.p.A.
 Gefran S.p.A.
 Grupo Ezentis S.A.
 HF Company Société
 Anonym
 Incap Oyj
 Indra Sistemas, S.A.
 Quest Holdings S.A.
 Innelec Multimédia SA
 INTERSHOP
 Communications
 InTiCa Systems AG
 Itway S.p.A.
 O2i Société Anonyme
 MEMSCAP, S.A.
 msg life ag
 Nokia Corporation
 Ordina N.V.
 Prologue S.A.
 Quality & Reliability A.B
 Riber S.A.
 RoodMicrotec N.V.
 SES-imagotag
 SMA Solar Technology AG
 Streamwide S.A.

TAS Tecnologia Avanzata d
Tecnotree Oyj
TerniEnergia S.p.A.
TIE Kinetix N.V.

GICS 4510

Basware Oyj
Business & Decision SA
Byte Computer SA
CS Communication &
System
DNXCorp SE
Escher Group Holdings plc
FullSix S.p.A.
Indra Sistemas, S.A.
INTERSHOP
Communications
O2i Société Anonyme
msg life ag
Ordina N.V.
Prologue S.A.
Quality & Reliability A.B
Streamwide S.A.
TAS Tecnologia Avanzata d
Tecnotree Oyj
TIE Kinetix N.V.

GICS 451020

Business & Decision SA
Byte Computer SA
CS Communication &
System
Indra Sistemas, S.A.
O2i Société Anonyme
Ordina N.V.
Quality & Reliability A.B

GICS 451030

Basware Oyj
Escher Group Holdings plc
msg life ag
Prologue S.A.
Streamwide S.A.
TAS Tecnologia Avanzata d
Tecnotree Oyj

GICS 4520

Amper, S.A.
Aspocomp Group Oyj
Digigram S.A.
Dionic S.A.
euromicron AG
exceet Group SE
Gefran S.p.A.
Grupo Ezentis S.A.
HF Company Société
Anonym
Incap Oyj
Innelec Multimédia SA
InTiCa Systems AG
Itway S.p.A.
Nokia Corporation

SES-imagotag

GICS 452030

Aspocomp Group Oyj
Dionic S.A.
exceet Group SE
Gefran S.p.A.
Incap Oyj
Innelec Multimédia SA
InTiCa Systems AG
Itway S.p.A.
SES-imagotag

GICS 50

Eurona Wireless Telecom,
Hellenic Company for Tele
Retelit S.p.A.
Telefónica Deutschland Ho
Tiscali S.p.A.

GICS 501010

Eurona Wireless Telecom,
Hellenic Company for Tele
Retelit S.p.A.
Telefónica Deutschland Ho
Tiscali S.p.A.

GICS 55

Alerion Clean Power S.p.A
Audax Renovables, S.A.
Direct Energie Société An
Edison S.p.A.
ENGIE SA
Falck Renewables S.p.A.
K.R.Energy S.p.A.
LITGRID AB
Public Power Corporation
RWE Aktiengesellschaft

GICS 551050

Alerion Clean Power S.p.A
Audax Renovables, S.A.
Edison S.p.A.
Falck Renewables S.p.A.
K.R.Energy S.p.A.

GICS 601020

AGRARIUS AG
Banimmo S.A.
Brioschi Sviluppo Immobil
IMMOFINANZ AG
Kardan N.V.
Montebalito, S.A.
Quabit Immobiliaria, S.A.
Realia Business, S.A.

Appendix M: GICS Codes in which Companies (Main Set) are Included, Eurozone

In appendix M, a listing of the GICS codes in which each of the companies in the main set of "healthy" companies in the Eurozone region is presented.

7C Solarparken AG	55		551050	Albis Leasing AG			402010
A/S SAF Tehnika	45	4520		Alkis H. Hadjikyriacos	30	3020	302020
A2A S.p.A.	55		551030	All for One Steeb AG	45	4510	451020
Aalberts Industries N.V.	20	2010	201060	Allgeier SE	45	4510	451020
AB Inter RAO Lietuva	55		551010	Allianz SE			403010
AB Klaipedos nafta	10		101020	Almirall, S.A.	35	3520	352020
AB Linas Agro Group	30	3020	302020	Alpha Astika Akinita S.A.			601020
AB Panevezio Statybos Tre	20	2010	201030	Alstom SA	20	2010	201060
AB Zemaitijos pienas	30	3020	302020	alstria office REIT-AG			601010
Abbey plc	25	2520	252010	Altamir SCA			402030
ABC Arbitrage SA			402010	Altarea Cogedim			601010
Abertis Infraestructuras,	20	2030	203050	Alten SA	45	4510	451020
Accell Group N.V.	25	2520	252020	Altran Technologies S.A.	45	4510	451020
ACCENTRO Real Estate AG			601020	Altri, S.G.P.S., S.A.	15		151050
Accor SA	25	2530	253010	Amadeus FiRe AG	20	2020	202020
ACEA S.p.A.	55			Amadeus IT Group, S.A.	45	4510	451020
Acerinox, S.A.	15		151040	AMAG Austria Metall AG	15		151040
Ackermans & Van Haaren NV			402010	Amer Sports Corporation	25	2520	
ACS, Actividades de Const	20	2010	201030	AMG Advanced Metallurgica	15		151040
Acsm-Agam S.p.A.	55			Amplifon SpA	35	3510	351020
ACTIA Group S.A.	45	4520	452030	AmRest Holdings SE	25	2530	253010
ADA Société Anonyme	20	2030		ams AG	45	4530	
adesso AG	45	4510	451020	Amsterdam Commodities N.V	30	3010	
Adidas AG	25	2520	252030	AND International Publish	45	4510	451030
Adler Modemärkte AG	25	2550	255040	Andritz AG	20	2010	
ADLER Real Estate AG			601020	Anheuser-Busch InBev SA/N	30	3020	302010
ADLPartner	25	2540		Ansaldo STS S.p.A.	20	2030	203050
ADVA Optical Networking S	45	4520		APB Apranga	25	2550	255040
AdVini S.A.	30	3020	302010	Apetit Oyj	30		
Aedifica SA			601010	April SA			403010
Aeffe S.p.A.	25	2520	252030	Arcadis NV	20	2010	201030
Aegean Airlines S.A.	20	2030		Argan SA			601010
Aegon N.V.			403010	Arkema S.A.	15		
Aéroports de Paris SA	20	2030	203050	Artprice.com	25	2540	
Afone S.A.	50		501010	AS Baltika	25	2520	252030
ageas SA/NV			403010	AS Company S.A.	25	2520	252020
AGRANA Beteiligungs-Aktie	30	3020	302020	AS Grindeks	35	3520	352020
Ahlers AG	25	2520	252030	AS Latvijas balzams	30	3020	302010
Airbus SE	20	2010	201010	AS Latvijas Gaze	55		
AKKA Technologies SE	20	2020	202020	AS Merko Ehitus	20	2010	201030
Aktia Bank p.l.c.			401010	AS Silvano Fashion Group	25	2550	255040
AKWEL	25	2510	251010	AS Tallink Grupp	20	2030	
Akzo Nobel N.V.	15		151010	ASBISc Enterprises Plc	45	4520	452030
Alantra Partners, S.A.			402030	Ascencio SCA			601010
Albioma	55		551050	Ascopiave S.p.A.	55		

ASM International NV	45	4530		Batenburg Techniek N.V.	20	2010	
ASML Holding N.V.	45	4530		BAUER Aktiengesellschaft	20	2010	
Assicurazioni Generali S.			403010	Bayerische Motoren Werke	25	2510	251020
Assystem S.A.	20	2020	202020	BBGI Sicav S.A.			402030
AST Groupe	25	2520	252010	BE Semiconductor Industri	45	4530	
ASTARTA Holding N.V.	30	3020	302020	Be Think, Solve, Execute	45	4510	451020
ASTM S.p.A.	20	2030	203050	Beiersdorf Aktiengesellsc	30	3030	
AT & S Aktiengesellschaft	45	4520	452030	Bénéteau S.A.	25	2520	252020
Atenor SA			601020	Bertrandt Aktiengesellsch	20	2020	202020
Athens Water Supply and S	55			Best Union Company S.p.A.	20	2020	202010
Atlantia S.p.A.	20	2030	203050	Beta Systems Software AG	45	4510	451030
ATOSS Software AG	45	4510	451020	Bet-At-Home.com AG	25	2530	253010
Atresmedia Corporación de	25	2540		Beter Bed Holding N.V.	25	2550	255040
Atria Oyj	30	3020	302020	BHS tabletop AG	25	2520	252010
Aubay Société Anonyme	45	4510	451020	Bialetti Industrie S.p.A	25	2520	252010
auFeminin.com	45	4510	451010	Biesse S.p.A.	20	2010	201060
Auga Group AB	30	3020	302020	BigBen Interactive	25		
Aurea SA	20	2020	202010	Bijou Brigitte modische A	25	2520	252030
AURES Technologies S.A.	45	4520	452030	BinckBank N.V.			402030
Aurubis AG	15		151040	bioMérieux S.A.	35	3510	351010
Autogrill S.p.A.	25	2530	253010	Biotest Aktiengesellschaf	35	3520	
Autostrade Meridionali S.	20	2030	203050	Bittium Oyj	45	4510	451030
Avia Solutions Group AB	20	2030	203050	Bodegas Riojanas, S.A.	30	3020	302010
AXA SA			403010	Boiron SA	35	3520	352020
Axel Springer SE	25	2540		Bollore	20	2030	203010
Axway Software SA	45	4510		Bolsas y Mercados Españ.,			402030
Azimut Holding S.p.A.			402030	Bonduelle SA	30	3020	302020
B&C Speakers S.p.A.	25	2520	252010	Borussia Dortmund GmbH &	25	2540	
B.V. Delftsch Aardewerkfa	25	2520	252010	Bourrelier Group SA	25	2550	255040
B+S Banksysteme Aktienges	45	4510	451010	BPER Banca S.p.A.			401010
Banca Finnat Euramerica S			402030	Brembo S.p.A.	25	2510	251010
Banca Generali S.p.A.			402030	Brenntag AG	20	2010	201070
Banca IFIS S.p.A.			402010	Brunel International N.V.	20	2020	202020
Banco Bilbao Vizcaya Arge			401010	Brunello Cucinelli S.p.A.	25	2520	252030
Banco BPI, S.A.			401010	Bureau Veritas SA	20	2020	202020
Banco de Sabadell, S.A.			401010	Burelle SA	25	2510	251010
Banco di Desio e della Br			401010	Buzzi Unicem SpA	15		151020
Banco di Sardegna S.p.A.			401010	C&C Group plc	30	3020	302010
Banco Santander, S.A.			401010	CA Immobilien Anlagen AG			601020
Barco NV	45	4520	452030	CAD IT S.p.A.	45	4510	451030
Barón de Ley, S.A.	30	3020	302010	Cairo Communication S.p.A	25	2540	
BASF SE	15		151010	Caisse Reg. de Credit Agr			401010
BasicNet S.p.A.	25	2550	255040	Caisse Régionale Crédit A			401010
Basler Aktiengesellschaft	45	4520	452030	Caisse régionale de Crédi			401010
Bastide Le Confort Médica	35	3510	351020	CaixaBank, S.A.			401010

Caltagirone SpA	15		151020	Corbion N.V.	15		151010
Campine NV	15			Cosmo Pharmaceuticals N.V	35	3520	352020
Cancom SE	45	4510	451020	Courtois S.A.			601020
Capgemini SE	45	4510	451020	Covivio			601010
CapMan Oyj			402030	Cpl Resources plc	20	2020	202020
Care Property Invest NV			601010	C-QUADRAT Investment AG			402030
Cargotec Corporation	20	2010	201060	CR Capital Real Estate AG			601020
Carl Zeiss Meditec AG	35	3510	351010	Cramo Oyj	20	2010	201070
Carrefour SA	30	3010		Crédit Agricole S.A.			401010
Casino, Guichard-Perracho	30	3010		Credito Emiliano S.p.A.			401010
Catering International &	20	2020	202010	CRH plc	15		151020
CBo Territoria Société An			601020	CropEnergies AG	10		101020
Ceconomy AG	25	2550	255040	CSP International Fashion	25	2520	252030
CeGeREAL			601010	Ctac N.V.	45	4510	451020
Cembre S.p.A.	20	2010	201040	CTS Eventim AG & Co. KGaA	25		
Cementir Holding S.p.A.	15		151020	Daimler AG	25	2510	251020
CENIT Aktiengesellschaft	45	4510	451030	Dalet S.A.	45	4510	451030
Centrale del Latte d'Ital	30	3020	302020	Damartex	25	2520	252030
CENTROTEC Sustainable AG	20	2010	201020	Danieli & C. Officine Mec	20	2010	201060
CEWE Stiftung & Co. KGaA	20	2020	202010	Danone SA	30		
CIE Automotive, S.A.	25	2510	251010	Dassault Aviation SA	20	2010	201010
Citycon Oyj			601020	Dassault Systèmes SE	45	4510	451030
Clasquin S.A.	20	2030	203010	DATA MODUL Aktiengesellsc	45	4520	452030
Clínica Baviera, S.A.	35	3510	351020	DATAGROUP SE	45	4510	451020
Cliq Digital AG	45	4510	451030	Datalex plc	45	4510	451010
CNP Assurances SA			403010	Datalogic S.p.A.	45	4520	452030
Cofina, SGPS, S.A.	25	2540		Davide Campari-Milano S.p	30	3020	302010
Cofinimmo SA			601010	Deceuninck NV	20	2010	201020
Coil S.A./N.V.	15		151040	Delfingen Industry S.A.	25	2510	251010
Colas SA	20	2010	201030	Delignit AG	15		151050
comdirect bank Aktiengese			401010	De'Longhi S.p.A.	25	2520	252010
Compagnie de Saint-Gobain	20	2010		Delta Plus Group	20	2020	202010
Compagnie d'Entreprises C	20	2010	201030	Delticom AG	25	2550	255020
Compagnie des Alpes SA	25	2530	253010	DEMIRE Deutsche Mittelsta			601020
Compagnie du Bois Sauvage			402010	Derichebourg	20	2020	202010
Compagnie Du Mont-Blanc	25	2530	253010	Deufol SE	20	2030	203010
Compagnie Générale des Ét	25	2510	251010	Deutsche Balaton AG			402030
Compagnie Industrielle Fi	20	2010	201030	Deutsche Beteiligungs AG			402030
Compagnie Lebon			402030	Deutsche Börse Aktiengese			402030
Compagnie Plastic Omnium	25	2510	251010	Deutsche EuroShop AG			601020
CompuGroup Medical Societ	35	3510		Deutsche Lufthansa Aktien	20	2030	
Constantin Medien AG	25	2540		Deutsche Post AG	20	2030	203010
Construcciones y Auxiliar	20	2010	201060	Deutsche Real Estate AG			601020
Constructions Industriell	20	2020	202010	Deutsche Telekom AG	50		
Continental Aktiengesells	25	2510	251010	Deutsche Wohnen SE			601020

DEUTZ Aktiengesellschaft	20	2010	201060	Encavis AG	55	551050
Devoteam SA	45	4510	451020	ENCE Energía y Celulosa,	15	151050
DiaSorin S.p.A.	35	3510	351010	Endesa, S.A.	55	551010
DIC Asset AG			601020	Enel SpA	55	551010
Diebold Nixdorf Aktienges	45	4520		Energiekontor AG	55	551050
Dierig Holding AG	25	2520	252030	Enervit S.p.A.	30	3030
D'leteren SA	25			EPC Groupe	15	151010
Digia Oyj	45	4510	451020	eQ Oyj		402030
Digital Bros S.p.A.	45	4510	451030	Ercros, S.A.	15	151010
Distribuidora Internacion	30	3010		ERG S.p.A.	55	551050
DLSI	20	2020	202020	ESI Group SA	45	4510 451030
DMG MORI AKTIENGESELLSCHA	20	2010	201060	Esprinet S.p.A.	45	4520 452030
DO & CO Aktiengesellschaft	25	2530	253010	Essilor Int'l Société Ano	35	3510 351010
Dom Security	45	4520	452030	Etn. Fr. Colruyt NV	30	3010
DPA Group N.V.	20	2020	202020	EuKedos S.p.A.	35	3510 351020
Dürkopp Adler AG	20	2010	201060	Euler Hermes Group SA		403010
E.ON SE	55		551030	Eurazeo SE		402010
EASY SOFTWARE AG	45	4510	451030	Euro Ressources S.A.	15	151040
Ebro Foods, S.A.	30	3020	302020	Eurocommercial Properties		601010
ECA SA	20	2010	201010	Eurofins Scientific SE	35	3520
Eckert & Ziegler BEBIG S.	35	3510	351010	EUROKAI GmbH & Co. KGaA	20	2030 203050
Eckert & Ziegler Strahlen	35	3510	351010	Euromedis Groupe	35	3510 351010
Econocom Group SE	45	4510	451020	Euronav NV	10	101020
ecotel communication ag	50			European Reliance Gen. In		403010
edding AG	20	2020	202010	Eutelsat Communications S	25	2540
EDP - Energias de Portuga	55		551010	EVN AG	55	551010
EDP Renováveis, S.A.	55		551050	Evolis SA	45	
EI Towers S.p.A	50		501010	Evotec AG	35	3520
Eifelhöhen-Klinik AG	35	3510	351020	EVS Broadcast Equipment S	45	4520
Eiffage SA	20	2010	201030	Exacompta Clairefontaine	15	151050
Einhell Germany AG	25	2520	252010	Exel Composites Oyj	20	2010 201060
Elecnor, S.A.	20	2010	201030	Exel Industries Société A	20	2010 201060
Elecster Oyj	20	2010	201060	Exor N.V.		402010
Electricité de France S.A	55		551010	Exprivia S.p.A.	45	4510 451030
Électricite de Strasbourg	55		551010	EYEMAXX Real Estate AG		601020
Elia System Operator SA	55		551010	F. Ramada Investimentos,	15	151040
Elica S.p.A.	25	2520	252010	F.G. Europe S.A.	25	2550
Elisa Oyj	50		501010	Fabasoft AG	45	4510 451030
ELMOS Semiconductor AG	45	4530		Faes Farma, S.A.	35	3520 352020
ElringKlinger AG	25	2510	251010	Faurecia S.A.	25	2510 251010
Eltrak S.A.	20	2010	201070	FBD Holdings plc		403010
Emak S.p.A.	25	2520	252010	Ferrovial, S.A.	20	
Enagás, S.A.	10		101020	Fiat Chrysler Automobiles	25	2510 251020
EnBW Energie Baden-Württe	55			Fidia S.p.A.	20	
				Fiducial Real Estate SA		601020

Fielmann Aktiengesellscha	25	2550	255040	GO p.l.c.	50	501010
Financière de l'Odet SA	20	2030	203010	Gr. Sarantis S.A.	30	3030
FinLab AG			402030	Graines Voltz	25	2550
Finnair Oyj	20	2030		Grammer AG	25	2510 251010
FinTech Group AG			402030	Grand City Properties S.A		601020
First Capital S.p.A.			402030	Greek Organization of Foo	25	2530 253010
First Sensor AG	45	4530		Greencore Group plc	30	3020 302020
Fiskars Oyj Abp	25	2520	252010	Greenyard NV	30	3020 302020
Fleury Michon SA	30	3020	302020	Grenke AG		402010
Flexopack Soc. Anonyme Pl	15		151030	Grifols, S.A.	35	3520
Flughafen Wien Aktiengese	20	2030	203050	Grigeo AB	15	151050
FNM S.p.A.	20	2030		Groothandelsgebouwen N.V.		601020
Folli-Follie Commercial M	25			Groupe Bruxelles Lambert		402010
Foncière des Murs			601010	Groupe Capelli		601020
Foncière Volta			601020	Groupe CRIT SA	20	2020 202020
FORIS AG			402010	Groupe Guillin S.A.	15	151030
Fortec Elektronik AG	45	4520		Groupe Open	45	4510 451020
Fortum Oyj	55			Groupe Partouche SA	25	2530 253010
Fortuna Entertainment Gro	25	2530	253010	Groupe Pizzorno Environne	20	2020 202010
freenet AG	50			Grupo Catalana Occidente,		403010
Fresenius Medical Care AG	35	3510	351020	GSW Immobilien AG		601020
Fresenius SE & Co. KGaA	35	3510	351020	Guerbet SA	35	3510 351010
Frey SA			601010	Guillemot Corporation S.A	45	4520
FRIWO AG	20	2010	201040	H&R GmbH & Co. KGaA	15	151010
Fromageries Bel SA	30	3020	302020	HAEMATO AG	35	3510 351020
FRoSTA Aktiengesellschaft	30	3020	302020	Hamborner REIT AG		601010
Funespaña, S.A.	25	2530		Hamburger Hafen und Logis	20	2030 203050
Gas Plus S.p.A.	10		101020	Hannover Rück SE		403010
Gaumont SA	25	2540		Hasen-Immobilien AG		601020
GEA Group Aktiengesellsch	20	2010	201060	Haulotte Group SA	20	2010 201060
Gecina			601010	Hawesko Holding Aktienges	30	3010
Gelsenwasser AG	55		551030	Heineken N.V.	30	3020 302010
General Commercial & Indu	20	2010	201070	Hellenic Exchanges		402030
Geox S.p.A.	25	2520	252030	Hellenic Telecommunicatio	50	
Gérard Perrier Industrie	20	2010	201040	Hera S.p.A.	55	
Geratherm Medical AG	35	3510	351010	Hermès International Soci	25	2520 252030
Gerry Weber International	25			High Co. SA	25	2540
Getlink S.E.	20	2030	203050	HOCHTIEF Aktiengesellscha	20	2010 201030
Gévelot SA	20	2010	201060	HolidayCheck Group AG	45	4510 451010
GFI Informatique SA	45	4510	451020	Holland Colours NV	15	151010
GFT Technologies SE	45	4510	451020	Home Invest Belgium S.A.		601010
GIMV NV			402030	Hopscotch Global PR Group	25	2540
GK Software SE	45	4510	451030	Hornbach Baumarkt AG	25	2550 255040
GL Events	20	2020	202010	HSBC Trinkaus & Burkhardt		401010
Glanbia plc	30			Hugo Boss AG	25	2520 252030

Huhtamäki Oyj	15		151030	Isra Vision AG	45	4520	452030
Hypoport AG			402010	IT Link SA	45	4510	451030
I.M.A. Industria Macchine	20	2010	201060	Itesoft S.A.	45	4510	451030
IASO S.A.	35	3510	351020	ITS Group	45	4510	451020
Iberdrola, S.A.	55			IVU Traffic Technologies	45	4510	451030
Iberpapel Gestión, S.A.	15		151050	Jacquet Metal Service SA	20	2010	201070
Ibersol, S.G.P.S., S.A.	25	2530	253010	Jenoptik AG	45		
Icade			601010	Jensen-Group NV	20	2010	201060
ICT Group N.V.	45	4510	451030	Jerónimo Martins, SGPS, S	30	3010	
ID Logistics Group SA	20	2030	203010	Joh. Friedrich Behrens AG	20	2010	201020
IDI			402030	Jumbo S.A.	25	2550	255040
IFA Hotel & Touristik Akt	25	2530	253010	Jungheinrich Aktiengesell	20	2010	201060
IFG Group plc			402010	K+S Aktiengesellschaft	15		
IGE+XAO Group	45	4510	451030	KAP Beteiligungs-AG	20		
Iktinos Hellas S.A.	15		151040	Kapsch TrafficCom AG	45	4520	452030
Iliad SA	50		501010	Karelia Tobacco Company I	30	3020	
IMC S.A.	30	3020	302020	KAS BANK N.V.			402030
Imerys SA	15		151020	Kaufman & Broad S.A.	25	2520	252010
Immo Moury SCA			601020	KBC Group NV			401010
Immobiliare Grande Distri			601010	Kemira Oyj	15		151010
Immobiliere Dassault SA			601010	Kering SA	25		
INDUS Holding AG	20	2010		Kernel Holding S.A.	30	3020	302020
Industria de Diseño Texti	25	2550	255040	Kerry Group plc	30	3020	302020
Infas Holding Aktiengesel	25	2540		Keskisuomalainen Oyj	25	2540	
Infineon Technologies AG	45	4530		Kesla Oyj	20	2010	201060
Infotel SA	45	4510	451020	Keyrus S.A.	45	4510	451020
ING Groep N.V.			401010	Keyware Technologies NV	45	4510	451020
Ingenico Group - GCS	45	4520	452030	Keyyo S.A.	50		501010
init innovation in traffi	45	4510	451030	Kingspan Group plc	20	2010	201020
Inmobiliaria del Sur, S.A			601020	Klassik Radio AG	25	2540	
Innofactor Plc	45	4510	451010	Koenig & Bauer AG	20	2010	201060
Innotec TSS AG	20	2010	201020	KONE Oyj	20	2010	201060
Installux SA	20	2010	201020	Konecranes Plc	20		
InterCard AG Informations	45	4520		Koninklijke Ahold Delhaiz	30	3010	
InterParfums SA	30	3030		Koninklijke Brill NV	25	2540	
Interpump Group S.p.A.	20	2010	201060	Koninklijke KPN N.V.	50		
Intervest Offices & Wareh			601010	Koninklijke Philips N.V.	35	3510	351010
Int'l Consolidated Airlin	20	2030		Koninklijke Wessanen N.V.	30	3020	302020
InVision Aktiengesellscha	45	4510	451030	Korian	35	3510	351020
Ion Beam Applications SA	35	3510	351010	KPS AG	45	4510	451020
Ipsen S.A.	35	3520	352020	Kri Kri S.A.	30	3020	302020
Ipsos SA	25	2540		Krka, d. d.	35	3520	352020
IRCE S.p.A.	20	2010	201040	KROMI Logistik AG	20	2010	201070
Iren SpA	55			Krones AG	20	2010	201060
Isagro S.p.A.	15		151010	KSB SE & Co. KGaA	20	2010	201060

KTM Industries AG	25	2510	251020	Manutan International SA	25	2550	255020
KUKA Aktiengesellschaft	20	2010	201060	Mapfre, S.A.			403010
Kulmbacher Brauerei Aktie	30	3020	302010	Marimekko Oyj	25	2520	252030
KWS Saat SE	30	3020	302020	MARR S.p.A.	30	3010	
L.D.C. S.A.	30	3020	302020	Maschinenfabrik Berthold	20	2010	201060
La Doria SpA	30	3020	302020	Masterflex SE	20	2010	201060
Laboratorios Farmaceutico	35	3520	352020	Mayr-Melnhof Karton AG	15		
Lacroix SA	45	4520	452030	Media 6 SA	25	2540	
Lagardère SCA	25			Mediaset España Comunicac	25	2540	
L'Air Liquide S.A.	15		151010	MEDICLIN Aktiengesellscha	35	3510	351020
Lanson-BCC	30	3020	302010	Melexis NV	45	4530	
Lassila & Tikanoja Oyj	20	2020	202010	Meliá Hotels Internationa	25	2530	253010
Laurent-Perrier S.A.	30	3020	302010	Mensch und Maschine Softw	45	4510	451030
Le Bélier SA	15		151040	Mercialys			601010
Leasinvest Real Estate SC			601010	Merck Kommanditgesellscha	35	3520	352020
Lectra SA	45	4510	451030	Métropole Télévision S.A.	25	2540	
LEG Immobilien AG			601020	Metsä Board Oyj	15		151050
Legrand SA	20	2010	201040	Metso Corporation	20	2010	201060
Leifheit Aktiengesellscha	25	2520	252010	MeVis Medical Solutions A	35	3510	
Lenzing Aktiengesellschaf	15		151010	Millicom International Ce	50		
Les Nouveaux Constructeur			601020	Miquel y Costas & Miquel,	15		151050
Lietuvos energijos gamyba	55		551050	Mondo TV S.p.A.	25	2540	
Linde Aktiengesellschaft	15		151010	Montea Comm. VA			601010
Linedata Services S.A.	45	4510	451030	Mota-Engil, SGPS, S.A.	20	2010	201030
Lingotes Especiales, S.A.	25	2510	251010	Moury Construct SA	20	2010	201030
Linz Textil Holding Aktie	25	2520	252030	MRM			601010
Lisi S.A.	20	2010	201010	MS Industrie AG	20	2010	
LNA Santé SA	35	3510	351020	MTU Aero Engines AG	20		
L'Occitane International	25	2550	255040	Müller - Die lila Logisti	20	2030	203010
Logicom Public Limited	45	4520	452030	Münchener Rückversicherun			403010
L'Oréal S.A.	30	3030		MVV Energie AG	55		551030
Lotus Bakeries NV	30	3020	302020	N.V. Nederlandsche Appara	45	4520	452030
Loulis Mills S.A.	30	3020	302020	Nabaltec AG	15		151010
LPKF Laser & Electronics	45	4520	452030	Nanogate AG	15		151010
LS telcom AG	45	4510		Natixis S.A.			402030
LUDWIG BECK am Rathauseck	25	2550		Naturgy Energy Group, S.A	55		
Luka Koper d.d.	20	2030	203050	Nemetschek SE	45	4510	451030
Lumibird	45	4520	452030	Neopost S.A.	45	4520	
Luxempart S.A.			402030	Netgem SA	45	4510	451010
Luxottica Group S.p.A.	25	2520	252030	Neurones S.A.	45	4510	451020
Mainova AG	55		551030	Neurosoft Software Produc	45	4510	
Maire Tecnimont S.p.A.	20	2010	201030	Neways Electronics Intern	45	4520	452030
Maisons France Confort S.	25	2520	252010	Newsphone Hellas SA	50		501010
MAN SE	20	2010	201060	Nexity SA			601020
Manitou BF SA	20	2010	201060	Nexus AG	35	3510	

Nice S.p.A.	45	4520	452030	Petrol d.d.	25	2550	255040
Nicolás Correa, S.A.	20	2010	201060	Petrolina (Holdings) Publ	10		101020
Nokian Renkaat Oyj	25	2510	251010	Pfeiffer Vacuum Technolog	20	2010	201060
Nordex SE	20	2010	201040	pferdewetten.de AG	25	2530	253010
Nordwest Handel AG	20	2010	201070	PFNonwovens a.s.	25	2520	252030
NORMA Group SE	20	2010	201060	Pharmagest Interactive SA	35	3510	
NOS, S.G.P.S., S.A.	25	2540		Piaggio & C. SpA	25	2510	251020
Novabase SGPS SA	45	4510	451020	Picanol NV	20	2010	201060
NRJ Group SA	25	2540		Piquadro S.p.A.	25	2520	252030
NSE Industries SA	20	2010	201010	Piraeus Port Authority S.	20	2030	203050
NV Bekaert SA	15		151040	Piscines Desjoyaux SA	25	2520	252020
Oeneo SA	15		151030	Pittler Maschinenfabrik A	20	2010	201060
OHB SE	20	2010	201010	Plaisio Computers S.A.	25	2550	255040
Olvi Oyj	30	3020	302010	Plastiques du Val de Loir	15		151010
Olympic Entertainment Gro	25	2530	253010	PNE AG	20	2010	201040
OMV Aktiengesellschaft	10		101020	Pohjois-Karjalan Kirjapai	25	2540	
Orange Belgium S.A.	50			Polytec Holding AG	25	2510	251010
Orange S.A.	50			Ponsse Oyj	20	2010	201060
Oranjewoud N.V.	20	2010	201030	Poujoulat SA	20	2010	201020
ORBIS AG	45	4510	451020	Pozavarovalnica Sava, d.d			403010
Orchestra-Prémaman S.A.	25	2520	252030	Prada S.p.A	25	2520	252030
Origin Enterprises plc	30	3020	302020	Precia SA	20	2010	201060
Oriola Oyj	35	3510	351020	Prim, S.A.	35	3510	351010
Orion Oyj	35	3520	352020	Prima Industrie S.p.A.	20	2010	201060
ORPEA Société Anonyme	35	3510	351020	Prodware	45	4510	451020
Österreichische Post AG	20	2030	203010	Profile Systems & Softwar	45	4510	451030
Ottakringer Getränke AG	30	3020	302010	Progress Werk Oberkirch A	25	2510	251010
OVB Holding AG			402030	Prosegur Compañía de Segu	20	2020	202010
Ovostar Union N.V.	30	3020	302020	Proximus PLC	50		501010
Paddy Power Betfair plc	25	2530	253010	Prysmian S.p.A.	20	2010	
Palfinger AG	20	2010	201060	PSB Industries	15		151030
Panariagroup Industrie Ce	20	2010	201020	PSI Software AG	45	4510	451030
Papeles y Cartones de Eur	15			Publicis Groupe S.A.	25	2540	
Paperpack A.B.E.E.	15		151030	PUMA SE	25	2520	252030
paragon GmbH & Co. KGaA	25	2510	251010	Quest for Growth Belgium			402030
Paref SA			601010	R. STAHL AG	20	2010	201060
Parmalat S.p.A.	30	3020	302020	Raiffeisen Bank Internati			401010
Passat Société Anonyme	25	2550	255020	Raisio plc	30	3020	302020
Patrimoine et Commerce SA			601010	Ramirent Oyj	20	2010	201070
PATRIZIA Immobilien AG			601020	Randstad NV	20	2020	202020
Paul Hartmann AG	35	3510	351010	Rapala VMC Corporation	25		
PCAS SA	35	3520		RATIONAL Aktiengesellscha	20	2010	201060
PEH Wertpapier AG			402030	Ratti S.p.A.	25	2520	252030
Pernod Ricard SA	30	3020	302010	Raute Oyj	20	2010	201060
Petro Welt Technologies A	10		101010	RealDolmen NV	45	4510	

Recordati Industria Chimici	35	3520	352020	SBM Offshore N.V.	10		101010
Red Eléctrica Corporación	55		551010	Scanfil Oyj	45	4520	452030
Rémy Cointreau SA	30	3020	302010	Schloss Wachenheim AG	30	3020	302010
REN - Redes Energéticas N	55			Schneider Electric S.E.	20		
Renault SA	25	2510	251020	Schweizer Electronic AG	45	4520	452030
Renk Aktiengesellschaft	25	2510	251010	SCOR SE			403010
Reno De Medici S.p.A.	15		151030	SEB SA	25	2520	252010
Renta 4 Banco, S.A.			402030	secunet Security Networks	45	4510	451020
Reply S.p.A.	45	4510	451020	Servizi Italia S.p.A.	35	3510	351020
Repsol, S.A.	10		101020	SES S.A.	25	2540	
Resilux NV	15		151030	SHW AG	25	2510	251010
Retail Estates N.V.			601010	Siemens Gamesa Renewable	20	2010	201040
Revenio Group Oyj	35	3510	351010	Signaux Girod S.A.	20	2030	203050
Rexel S.A.	20	2010	201070	SII (Société pour l'Infor	45	4510	451020
RHI Magnesita N.V.	15		151020	Silli Solutions Oyj	45	4510	451020
RHÖN-KLINIKUM Aktiengesel	35	3510	351020	SIMONA Aktiengesellschaft	15		151010
RIB Software SE	45	4510	451030	SinnerSchrader Aktiengese	25	2540	
Ringmetall AG	20	2010	201060	Sioen Industries NV	25	2520	252030
Rokiskio Suris AB	30	3020	302020	SIPEF NV	30	3020	302020
Rosenbauer International	20	2010	201060	Sligro Food Group N.V.	30	3010	
Rothschild & Co SCA			402030	SMT Scharf AG	20	2010	201060
Roularta Media Group NV	25	2540		Smurfit Kappa Group plc	15		
Royal Boskalis Westminste	20	2010	201030	Snam S.p.A.	10		101020
RS2 Software p.l.c.	45	4510	451030	SnowWorld N.V.	25	2530	253010
RTL Group SA	25	2540		SNP Schneider-Neureither	45	4510	451020
Rubis	55			Socfinasia S.A.	30	3020	302020
Ryanair Holdings plc	20	2030		Società Cattolica di Assi			403010
S IMMO AG			601020	Società Iniziative Autost	20	2030	203050
S&T AG	45			Société Centrale des Bois			601010
Sabaf S.p.A.	25	2520	252010	Société de la Tour Eiffel			601010
Sabeton SA	30	3020	302020	Société de Services,de Pa	30	3020	302010
SAES Getters S.p.A.	45	4520	452030	Société Foncière Lyonnais			601010
SAF-Holland S.A.	25	2510	251010	Société Française de Casi	25	2530	253010
Safran SA	20	2010	201010	Sodifrance SA	45	4510	451020
Saga Furs Oyj	20	2020	202010	Sofina Société Anonyme			402010
Salini Impregilo S.p.A.	20	2010	201030	Soft Computing	45	4510	451020
Salvatore Ferragamo S.p.A	25	2520	252030	Softing AG	45		
Sampo Oyj			403010	Software Aktiengesellscha	45	4510	451030
Samse SA	25	2550	255040	Sogeclair SA	20	2010	201010
Samsonite International S	25	2520	252030	Sogefi S.p.A.	25	2510	251010
Sanofi	35	3520	352020	SOL Spa	15		151010
SAP SE	45	4510	451030	Solvay SA	15		151010
Sapmer SA	30	3020	302020	Somfy SA	20	2010	201040
Sartorius Stedim Biotech	35	3520		Sonaecom, SGPS, S.A.	50		
Savencia SA	30	3020	302020	Sopra Steria Group	45	4510	451020

Splendid Medien AG	25	2540		TFF Group	15		151030
SQLi	45	4510	451010	Thales S.A.	20	2010	201010
SRV Yhtiöt Oyj	20	2010	201030	The Navigator Company, S.	15		151050
STADA Arzneimittel Aktien	35	3520	352020	Thermador Groupe SA	20	2010	201070
Stallergenes Greer Plc	35	3520	352020	Thessaloniki Port Authori	20	2030	203050
STEF S.A.	20	2030		Thessaloniki Water Supply	55		
Stelios Kanakis Industria	30	3010		Tieto Oyj	45	4510	451020
Sto SE & Co. KGaA	15		151020	Tikkurila Oyj	15		151010
Stora Enso Oyj	15			Tipiak Soci��t�� Anonyme	30	3020	302020
Strabag SE	20	2010	201030	Titan Cement Company S.A.	15		151020
STRATEC Biomedical AG	35	3510	351010	Tivoly S.A.	20	2010	201060
Str��er SE & Co. KGaA	25	2540		TKH Group N.V.	20	2010	
Subsea 7 S.A.	10		101010	TOD'S S.p.A.	25	2520	252030
S��dwestdeutsche Salzw Werke	30	3020	302020	Toscana Aeroporti S.p.A.	20	2030	203050
S��dzucker AG	30	3020	302020	Total Produce plc	30	3010	
SUEZ SA	55		551030	Toyota Caetano Portugal,	25	2510	251020
Suominen Oyj	30	3030		Trigano S.A.	25	2520	252020
S��SS MicroTec SE	45	4530		Tubacex, S.A.	15		151040
Sword Group S.E.	45	4510		TUI AG	25	2530	253010
Synergie SE	20	2020	202020	Turbon AG	20	2020	202010
Szygy AG	25	2540		TXT e-solutions S.p.A.	45	4510	451030
TAG Immobilien AG			601020	U10 SA	25		
TAKKT AG	25	2550	255020	UBM Development AG			601020
Talanx Aktiengesellschaft			403010	UCB SA	35	3520	352020
Tallinna Kaubamaja Grupp	30	3010		UDG Healthcare plc	35	3510	
Tamburi Investment Partne			402030	Umanis SA	45	4510	451020
Technopolis Plc			601020	Unibail-Rodamco-Westfield			601010
Technotrans AG	20			Union Financiere de Franc			402030
T��cnicas Reunidas, S.A.	10		101010	Unior Kovaska industrija	15		151040
Telecom Italia S.p.A.	50		501010	Unipol Gruppo S.p.A.			403010
Telef��nica, S.A.	50		501010	UnipolSai Assicurazioni S			403010
Telekom Austria Aktienges	50		501010	UNIQA Insurance Group AG			403010
Telekom Slovenije, d.d.	50		501010	United Internet AG	45	4510	451010
Teleperformance SE	20	2020	202020	Unternehmens Invest AG			402030
Teleste Corporation	45			USU Software AG	45	4510	451030
T��l��vision Fran��aise 1 SA	25	2540		Vaisala Oyj	45	4520	452030
Telia Lietuva, AB	50		501010	Valeo SA	25	2510	251010
Tenaris S.A.	10		101010	Valsoia SpA	30	3020	302020
Ter Beke NV	30	3020	302020	Van de Velde NV	25	2520	252030
Terna - Rete Elettrica Na	55		551010	Van Lanschot Kempen N.V.			401010
Terna Energy Societe Anon	55		551050	Vassiliko Cement Works	15		151020
TERRE��S			601010	Vastned Retail Belgium SA			601010
Tesmec S.p.A.	20	2010	201060	Vastned Retail N.V.			601010
Tessi SA	45	4510	451020	Veolia Environnement S.A.	55		551030
Texaf, S.A.			601020	VERBUND AG	55		

Vetoquinol SA	35	3520	352020
VGP NV			601020
VIB Vermögen AG			601020
Vicat SA	15		151020
Videlio SA	45	4520	452030
Vidrala, S.A.	15		151030
VIEL & Cie			402030
Vienna Insurance Group AG			403010
Viking Line ABP	25	2530	253010
Vilmorin & Cie SA	30	3020	302020
Virbac SA	35	3520	352020
Viscofan, S.A.	30	3020	302020
Viscom AG	45	4520	452030
VITA 34 AG	35	3510	351020
Vittoria Assicurazioni S.			403010
Vivendi SA	25	2540	
Voestalpine AG	15		151040
Vranken-Pommery Monopole	30	3020	302010
Vseobecná úverová banka,			401010
VTG Aktiengesellschaft	20	2030	
Wacker Chemie AG	15		151010
Wacker Neuson SE	20	2010	201060
Warehouses De Pauw			601010
Warehouses Estates Belgiu			601010
Wärtsilä Oyj Abp	20	2010	201060
WASGAU Produktions & Hand	30	3010	
Washtec AG	20	2010	201060
Wavestone SA	45	4510	451020
Wereldhave Belgium			601010
Wereldhave N.V.			601010
Westgrund AG			601020
Wienerberger AG	15		151020
Wüstenrot & Württembergis			403010
Xilam Animation	25	2540	
Xing SE	45	4510	451010
XPO Logistics Europe SA	20	2030	203010
YOOX Net-A-Porter Group S	25	2550	255020
Zapf Creation AG	25	2520	252020
Zardoya Otis, S.A.	20	2010	201060
Zavarovalnica Triglav, d.			403010
Zenitel NV	45	4520	
Zignago Vetro S.p.A.	15		151030
zooplus AG	25	2550	255020

Appendix N: GICS Codes in which Companies (“High-Financial- Risk” Set) are Included, Eurozone

In appendix N, a listing of the GICS codes in which each of the companies in the set of “high-financial-risk” companies in the Eurozone region is presented.

A.S. Création Tapeten AG	25	2520	252010	Creta Farm S.A.	30	3020	302020
AB Snaige	25	2520	252010	CS Communication & System	45	4510	451020
Abengoa, S.A.	20	2010	201030	Cyprus Trading Corporatio	25	2550	
AdUX SA	25	2540		Damiani S.p.A.	25	2520	252030
Afarak Group Oyj	15		151040	D'Amico International Shi	10		101020
AFC Ajax NV	25	2540		Deoleo, S.A.	30	3020	302020
AGRARIUS AG			601020	Diagnostic and Therapeuti	35	3510	
Agroton Public Limited	30	3020	302020	Digigram S.A.	45	4520	
Air France-KLM SA	20	2030		Dionic S.A.	45	4520	452030
ALBA SE	20	2020	202010	Direct Energie Société An	55		
Alerion Clean Power S.p.A	55		551050	DNXCorp SE	45	4510	
Alès Groupe S.A.	30			Dovre Group Plc	20	2020	202020
Alumil Aluminium Industry	15		151040	Dromeas SA	20	2020	202010
Amper, S.A.	45	4520		Duro Felguera, S.A.	20	2010	201030
Anonimi Naftiliaki Etarei	20	2030		Edenred SA	20	2020	202010
Antevenio, S.A.	25	2540		Edison S.p.A.	55		551050
ArcelorMittal	15		151040	Elastron S.A. - Steel Ser	15		151040
Arnoldo Mondadori Editore	25	2540		Elgeka S.A.	30		
Artefact S.A.	20	2020	202020	Elve S.A.	25	2520	252030
Aspocomp Group Oyj	45	4520	452030	Encres Dubuit	15		
Astaldi S.p.A.	20	2010	201030	Enertronica S.p.A.	20	2010	
Attica Holdings S.A.	20	2030		ENGIE SA	55		
Audax Renovables, S.A.	55		551050	ERAMET S.A.	15		151040
Baccarat S.A.	25	2520	252010	Escher Group Holdings plc	45	4510	451030
Banimmo S.A.			601020	Esso S.A.F.	10		101020
Basware Oyj	45	4510	451030	Etablissements Maurel & P	10		101020
Beghelli S.p.A.	20	2010		euromicron AG	45	4520	
Bernard Loiseau SA	25	2530	253010	Eurona Wireless Telecom,	50		501010
Bilfinger SE	20			Evrofarma SA	30	3020	302020
Bremer Lagerhaus Gesellsc	20	2030		exceet Group SE	45	4520	452030
Brioschi Sviluppo Immobil			601020	Exmar NV	10		101020
Business & Decision SA	45	4510	451020	Fagron NV	35	3510	
Byte Computer SA	45	4510	451020	Falck Renewables S.p.A.	55		551050
Caleffi S.p.A.	25	2520	252030	Fiera Milano SpA	20	2020	202010
Carraro S.p.A.	20	2010	201060	Fluxys Belgium SA	10		101020
Catalis SE	20	2020	202020	Fomento de Construcciones	20	2010	201030
Cegedim SA	35	3510		Foncière Euris SA	30		
Centrale d'Achat Français	25	2550	255040	Fountain S.A.	20	2020	202010
Centric Holdings S.A.	25	2530	253010	Fourlis Holdings S.A.	25	2550	255040
CGG	10		101010	Frigoglass S.A.I.C.	20	2010	201060
Coal Energy S.A.	10		101020	FullSix S.p.A.	45	4510	
Codere, S.A.	25	2530	253010	Gascogne SA	15		
Compagnie Industriali Riu	20			GEDI Gruppo Editoriale S.	25	2540	
Componenta Corporation	20	2010	201060	Gefran S.p.A.	45	4520	452030
Corporación Empresarial d	20	2010		GEK TERNA Holdings, Real	20	2010	201030

Gesco AG	20	2010	201060	KORRES S.A. - Natural Pro	30		
Glaston Oyj Abp	20			KSG Agro S.A.	30	3020	302020
Gorenje, d.d.	25	2520	252010	Lafuma SA	25	2520	
Greiffenberger AG	20	2010	201060	Landi Renzo S.p.A.	25		
Groupe Flo SA	25	2530	253010	Latécoère S.A.	20	2010	
Groupe Gorgé SA	20	2010	201060	Leonardo S.p.a.	20	2010	
Groupe LDLC	25	2550		Les Hotels De Paris SA	25	2530	253010
Grupo Ezentis S.A.	45	4520		Lexibook - Linguistic Ele	25	2520	252010
Halcor Metal Works S.A.	15		151040	LITGRID AB	55		
Hamon & Cie (Internationa	20	2010		Logwin AG	20	2030	
HanseYachts AG	25	2520		m4e AG	25	2540	
Heidelberger Druckmaschin	20			Makheia Group Société Ano	25	2540	
Hellenic Company for Tele	50		501010	Marenave Schiffahrts AG	20	2030	
Heurtey Petrochem S.A.	10		101010	Marie Brizard Wine & Spir	30	3020	
HF Company Société Anonym	45	4520		Martela Oyj	20	2020	202010
HKScan Oyj	30	3020	302020	Maternus-Kliniken Aktieng	35	3510	
Honkarakenne Oyj	25	2520	252010	McKesson Europe AG	35	3510	
HTI High Tech Industries	20	2010	201060	Mediacontech S.p.A.	25	2540	
I.Kloukinas-I.Lappas S.A.	25	2550	255040	Mediaset S.p.A.	25	2540	
Ifa Systems Ag	35	3510		MEMSCAP, S.A.	45		
iGrandiViaggi S.p.A.	25	2530	253010	Mevaco S.A.	20	2010	201060
Ilkka-Yhtymä Oyj	25	2540		Milkiland N.V.	30	3020	302020
IMMOFINANZ AG			601020	Monrif S.p.A.	25	2540	
Immsi S.p.A.	25			Montebalito, S.A.			601020
Impresa - Sociedade Gesto	25	2540		Mr. Bricolage SA	25	2550	255040
Inapa - Investimentos, Pa	20	2010		msg life ag	45	4510	451030
Incap Oyj	45	4520	452030	mybet Holding SE	25	2530	253010
Independent News & Media	25	2540		Natra, S.A.	30	3020	302020
Indra Sistemas, S.A.	45	4510	451020	Nexans S.A.	20	2010	
Inform P. Lykos S.A.	20	2020	202010	NH Hotel Group, S.A.	25	2530	253010
Innelec Multimédia SA	45	4520	452030	Nireus Aquaculture S.A.	30	3020	302020
InterEuropa d.d.	20	2030		Nokia Corporation	45	4520	
International Hotel Inves	25	2530	253010	Nurminen Logistics Oyj	20	2030	
INTERSHOP Communications	45	4510		Nyrstar NV	15		151040
InTiCa Systems AG	45	4520	452030	O2i Société Anonyme	45	4510	451020
Intracom Constructions So	20	2010	201030	Obrascón Huarte Lain, S.A	20	2010	201030
Intralot S.A. Integrated	25	2530	253010	OCI N.V.	15		
Itway S.p.A.	45	4520	452030	Orapi	15		
Juventus Football Club S.	25	2540		Ordina N.V.	45	4510	451020
K.R.Energy S.p.A.	55		551050	Outokumpu Oyj	15		151040
Kabel Deutschland Holding	25	2540		Papoutsanis S.A.	30		
Kardan N.V.			601020	Park & Bellheimer AG	30	3020	
KDM Shipping Public Limit	20	2030		Petrolia SE	10		101010
Kenmare Resources plc	15		151040	PetroNeft Resources plc	10		101020
Klöckner & Co SE	20	2010		Peugeot S.A.	25		

Pharma Mar, S.A.	35			Société Anonyme Belge de	20	2010	
Philippos Nakas S.A.	25	2550	255040	Société Internationale de	15		
Pierre & Vacances SA	25	2530	253010	Soditech SA	20	2020	202020
Pininfarina S.p.A.	25			Solocal Group S.A.	25	2540	
Poligrafica S. Faustino S	20	2020	202010	Sonae Indústria, S.G.P.S.	15		
Poligrafici Editoriale S.	25	2540		Soprano Oyj	20	2020	202020
Poligrafici Printing S.p.	20	2020	202010	Sport Lisboa e Benfica -	25	2540	
PostNL N.V.	20	2030		Stern Groep N.V.	25	2550	255040
Prologue S.A.	45	4510	451030	Stockmann Oyj ABP	25	2550	
Promotora de Informacione	25	2540		Streamwide S.A.	45	4510	451030
Prosafe SE	10		101010	TAS Tecnologia Avanzata d	45	4510	451030
Public Power Corporation	55			Tecnotree Oyj	45	4510	451030
Quabit Inmobiliaria, S.A.			601020	Telefónica Deutschland Ho	50		501010
Quality & Reliability A.B	45	4510	451020	Telenet Group Holding NV	25	2540	
Quest Holdings S.A.	45			TerniEnergia S.p.A.	45		
Rallye SA	30			TIE Kinetix N.V.	45	4510	
RCS MediaGroup S.p.A.	25	2540		Tiscali S.p.A.	50		501010
Realia Business, S.A.			601020	Tom Tailor Holding SE	25	2550	
Recylex S.A.	15		151040	TomTom N.V.	25	2520	252010
Retelit S.p.A.	50		501010	Touax SCA	20	2030	
Revoil S.A.	10		101020	Toupargel Groupe SA	25	2550	
Riber S.A.	45			TREVI - Finanziaria Indus	20	2010	201030
RoodMicrotec N.V.	45			Tubos Reunidos, S.A.	15		151040
Rosss S.p.A.	20	2020	202010	Tulikivi Corporation	20	2010	
RWE Aktiengesellschaft	55			Unibios Holdings S.A.	20	2010	201060
S.S. Lazio S.p.A.	25	2540		Vallourec SA	10		101010
Sacyr, S.A.	20			Vianini S.p.A.	15		
Safilo Group S.p.A.	25	2520	252030	Viohalco S.A.	15		151040
SAG GEST - Soluções Autom	25	2550		Vivanco Gruppe AG	25	2520	252010
SANOCHEMIA Pharmazeutika	35			Vocento, S.A.	25	2540	
Sanoma Oyj	25	2540		Vossloh AG	20	2010	201060
Saras S.p.A.	10		101020	Wild Bunch AG	25	2540	
SCHUMAG Aktiengesellschaf	20	2010	201060	Wolford Aktiengesellschaf	25	2520	252030
SDC Investimentos, S.A.	20	2010	201030	Wulff-Yhtiöt Oyj	25	2550	
Séché Environnement SA	20	2020	202010				
Selected Textiles S.A.	25	2520	252030				
Selonda Aquaculture S.A.	30	3020	302020				
Semapa - Sociedade de Inv	15						
Sequana SA	15						
SES-imagotag	45	4520	452030				
SGL Carbon SE	20	2010					
Skano Group AS	25	2520	252010				
SKW Stahl-Metallurgie Hol	15		151040				
SMA Solar Technology AG	45						
Snaitch S.p.A.	25	2530	253010				

Appendix O: Companies (Main Set) in Each Industry, by GICS Code, in United Kingdom

In appendix O, a listing of companies in the main set of "healthy" companies for each GICS code in the United Kingdom region is presented.

GICS 10

Amerisur Resources PLC
Awilco Drilling Plc
BP p.l.c.
Hargreaves Services Plc
Royal Dutch Shell plc
SOCO International plc
Stobart Group Limited
John Wood Group PLC

GICS 1010

Amerisur Resources PLC
Awilco Drilling Plc
BP p.l.c.
Hargreaves Services Plc
Royal Dutch Shell plc
SOCO International plc
John Wood Group PLC

GICS 101020

Amerisur Resources PLC
BP p.l.c.
Hargreaves Services Plc
Royal Dutch Shell plc
SOCO International plc

GICS 15

Anglo Asian Mining PLC
Antofagasta plc
Castings P.L.C.
Central Asia Metals Plc
Croda International plc
Elementis plc
Ferrexpo Plc
Fresnillo PLC
Highland Gold Mining Limi
Hill & Smith Holdings PLC
Johnson Matthey Plc
Low & Bonar plc
Marshalls plc
Michelmersh Brick Holding
Mondi plc
Plastics Capital plc
Rio Tinto plc
Robinson plc
RPC Group Plc
DS Smith Plc
Synthomer plc
Treatt plc
Victrex plc
Zimplats Holdings Limited
Zotefoams plc

GICS 151010

Croda International plc
Elementis plc
Johnson Matthey Plc
Synthomer plc
Treatt plc
Victrex plc
Zotefoams plc

GICS 151040

Anglo Asian Mining PLC
Antofagasta plc
Castings P.L.C.
Central Asia Metals Plc
Ferrexpo Plc
Fresnillo PLC
Highland Gold Mining Limi
Hill & Smith Holdings PLC
Rio Tinto plc
Zimplats Holdings Limited

GICS 20

Aggreko Plc
Air Partner plc
The Alumasc Group plc
Andrews Sykes Group plc
Ashtead Group plc
Augean plc
Aukett Swanke Group Plc
Babcock International Gro
BAE Systems plc
BBA Aviation plc
Bodycote plc
Braemar Shipping Services
Bunzl plc
TClarke plc
Cohort PLC
Communis plc
Costain Group plc
Dart Group plc
Dewhurst plc
Dialight plc
easyJet plc
Empresaria Group plc
FW Thorpe Plc
Fenner PLC
Firstgroup plc
James Fisher and Sons plc
G4S plc
Gama Aviation Plc
Gattaca plc
The Go-Ahead Group plc
Grafenia Plc
Harvey Nash Group plc
Hays plc
HomeServe plc
Howden Joinery Group Plc
IMI plc
InterQuest Group plc
Intertek Group plc
James Halstead plc
James Latham plc
Johnson Service Group PLC
Judges Scientific plc
Keller Group plc
Kier Group plc
LPA Group plc
MacFarlane Group plc
Mears Group plc
Meggitt PLC

Melrose Industries PLC
Mpac Group plc
MS INTERNATIONAL plc
Murgitroyd Group plc
National Express Group PL
Northgate plc
PageGroup plc
PayPoint plc
Porvair plc
Prime People Plc
QinetiQ Group Plc
Redde plc
RELX PLC
Renew Holdings plc
Ricardo plc
Robert Walters plc
Rolls-Royce Holdings plc
Rotala PLC
RPS Group plc
Science Group plc
Severfield plc
Spirax-Sarco Engineering
Staffline Group plc
Stagecoach Group plc
SThree plc
Titon Holdings plc
Travis Perkins plc
Trifast plc
Tyman plc
Ultra Electronics Holding
Vp plc
WYG PLC

GICS 2010

The Alumasc Group plc
Andrews Sykes Group plc
Ashtead Group plc
BAE Systems plc
Bodycote plc
Bunzl plc
TClarke plc
Costain Group plc
Dewhurst plc
Dialight plc
FW Thorpe Plc
Fenner PLC
Howden Joinery Group Plc
IMI plc
James Halstead plc
James Latham plc
Judges Scientific plc
Keller Group plc
LPA Group plc
MacFarlane Group plc
Meggitt PLC
Mpac Group plc
MS INTERNATIONAL plc
Porvair plc
QinetiQ Group Plc
Renew Holdings plc
Rolls-Royce Holdings plc

Severfield plc
Spirax-Sarco Engineering
Titon Holdings plc
Travis Perkins plc
Trifast plc
Tyman plc
Ultra Electronics Holding
Vp plc
WYG PLC

GICS 201030

TClarke plc
Costain Group plc
Keller Group plc
Renew Holdings plc
Severfield plc
WYG PLC

GICS 201060

Fenner PLC
IMI plc
Judges Scientific plc
Mpac Group plc
Porvair plc
Spirax-Sarco Engineering
Trifast plc

GICS 201070

Andrews Sykes Group plc
Ashtead Group plc
Bunzl plc
Howden Joinery Group Plc
James Latham plc
MacFarlane Group plc
Travis Perkins plc
Vp plc

GICS 2020

Augean plc
Aukett Swanke Group Plc
Communis plc
Empresaria Group plc
G4S plc
Gattaca plc
Grafenia Plc
Harvey Nash Group plc
Hays plc
HomeServe plc
InterQuest Group plc
Intertek Group plc
Johnson Service Group PLC
Mears Group plc
Murgitroyd Group plc
PageGroup plc
PayPoint plc
Prime People Plc
RELX PLC
Ricardo plc
Robert Walters plc
RPS Group plc
Science Group plc

Staffline Group plc
SThree plc

GICS 202010

Augean plc
Communis plc
G4S plc
Grafenia Plc
HomeServe plc
Johnson Service Group PLC
Mears Group plc
PayPoint plc
RPS Group plc

GICS 202020

Aukett Swanke Group Plc
Empresaria Group plc
Gattaca plc
Harvey Nash Group plc
Hays plc
InterQuest Group plc
Intertek Group plc
Murgitroyd Group plc
PageGroup plc
Prime People Plc
RELX PLC
Ricardo plc
Robert Walters plc
Science Group plc
Staffline Group plc
SThree plc

GICS 2030

Air Partner plc
BBA Aviation plc
Braemar Shipping Services
Dart Group plc
easyJet plc
Firstgroup plc
James Fisher and Sons plc
Gama Aviation Plc
The Go-Ahead Group plc
National Express Group PL
Northgate plc
Redde plc
Rotala PLC
Stagecoach Group plc

GICS 203040

Firstgroup plc
The Go-Ahead Group plc
National Express Group PL
Northgate plc
Redde plc
Rotala PLC
Stagecoach Group plc

GICS 25

4imprint Group plc
AIREA plc
Barratt Developments plc

Bellway p.l.c.
The Berkeley Group Holdin
Bloomsbury Publishing plc
Henry Boot PLC
Bovis Homes Group PLC
Burberry Group plc
Caffyns plc
Cambria Automobiles plc
The Character Group plc
Churchill China plc
Cineworld Group plc
Compass Group PLC
Crest Nicholson Holdings
Debenhams plc
Domino's Pizza Group plc
Dunelm Group plc
Fuller, Smith & Turner P.
Games Workshop Group PLC
Genting Singapore Limited
Greene King plc
Greggs plc
Halfords Group plc
Headlam Group plc
IG Design Group Plc
Inchcape plc
Informa plc
ITE Group plc
ITV plc
JD Sports Fashion plc
Kingfisher plc
Lookers plc
M&C Saatchi plc
Millennium & Copthorne Ho
Mitchells & Butlers plc
MJ Gleeson plc
Moss Bros Group plc
Mulberry Group plc
N Brown Group plc
Next Fifteen Communicatio
Next Plc
Ocado Group plc
Peel Hotels plc
Pendragon PLC
Persimmon plc
Photo-Me International pl
Portmeirion Group plc
Reach plc
Redrow plc
The Restaurant Group plc
Sky plc
Sports Direct Internation
FireAngel Safety Technolo
Superdry Plc
System1 Group PLC
Taylor Wimpey plc
Ted Baker Plc
Vertu Motors plc
Victoria plc
The Vitec Group plc
Walker Greenbank PLC
J D Wetherspoon plc

WH Smith PLC
Whitbread PLC
William Hill plc
YouGov plc
Young & Co.'s Brewery, P.
ZEAL Network SE

The Restaurant Group plc
J D Wetherspoon plc
Whitbread PLC
William Hill plc
Young & Co.'s Brewery, P.
ZEAL Network SE

British American Tobacco
Britvic Plc
Camellia PLC
Carr's Group plc
Cranswick plc
Dairy Crest Group plc
Devro plc
Diageo plc
Finsbury Food Group Plc
Hilton Food Group plc
McBride plc
Wm Morrison Supermarkets
M.P. Evans Group plc
Nichols plc
Produce Investments plc
PZ Cussons Plc
Real Good Food plc
Reckitt Benckiser Group p
J Sainsbury plc
Swallowfield plc
Tate & Lyle plc
Unilever PLC
Wynnstay Group plc

GICS 2520

AIREA plc
Barratt Developments plc
Bellway p.l.c.
The Berkeley Group Holdin
Henry Boot PLC
Bovis Homes Group PLC
Burberry Group plc
The Character Group plc
Churchill China plc
Crest Nicholson Holdings
Games Workshop Group PLC
IG Design Group Plc
MJ Gleeson plc
Mulberry Group plc
Persimmon plc
Photo-Me International pl
Portmeirion Group plc
Redrow plc
FireAngel Safety Technolo
Taylor Wimpey plc
Ted Baker Plc
Victoria plc
The Vitec Group plc
Walker Greenbank PLC

GICS 2540

4imprint Group plc
Bloomsbury Publishing plc
Cineworld Group plc
Informa plc
ITE Group plc
ITV plc
M&C Saatchi plc
Next Fifteen Communicatio
Reach plc
Sky plc
System1 Group PLC
YouGov plc

GICS 2550

Caffyns plc
Cambria Automobiles plc
Debenhams plc
Dunelm Group plc
Halfords Group plc
Headlam Group plc
Inchcape plc
JD Sports Fashion plc
Kingfisher plc
Lookers plc
Moss Bros Group plc
N Brown Group plc
Next Plc
Ocado Group plc
Pendragon PLC
Sports Direct Internation
Superdry Plc
Vertu Motors plc
WH Smith PLC

GICS 255040

Caffyns plc
Cambria Automobiles plc
Dunelm Group plc
Halfords Group plc
JD Sports Fashion plc
Kingfisher plc
Lookers plc
Moss Bros Group plc
Pendragon PLC
Sports Direct Internation
Vertu Motors plc
WH Smith PLC

GICS 30

Anglo-Eastern Plantations
Anpario plc
Associated British Foods
A.G. BARR p.l.c.

GICS 252010

AIREA plc
Barratt Developments plc
Bellway p.l.c.
The Berkeley Group Holdin
Henry Boot PLC
Bovis Homes Group PLC
Churchill China plc
Crest Nicholson Holdings
IG Design Group Plc
MJ Gleeson plc
Persimmon plc
Portmeirion Group plc
Redrow plc
FireAngel Safety Technolo
Taylor Wimpey plc
Victoria plc

GICS 2530

Compass Group PLC
Domino's Pizza Group plc
Fuller, Smith & Turner P.
Genting Singapore Limited
Greene King plc
Greggs plc
Millennium & Copthorne Ho
Mitchells & Butlers plc
Peel Hotels plc

GICS 3020

Anglo-Eastern Plantations
Anpario plc
Associated British Foods
A.G. BARR p.l.c.
British American Tobacco
Britvic Plc
Camellia PLC
Carr's Group plc
Cranswick plc
Dairy Crest Group plc
Devro plc
Diageo plc
Finsbury Food Group Plc
Hilton Food Group plc
M.P. Evans Group plc
Nichols plc
Produce Investments plc
Real Good Food plc
Tate & Lyle plc
Wynnstay Group plc

GICS 302020

Anglo-Eastern Plantations
Anpario plc
Associated British Foods
Camellia PLC
Carr's Group plc
Cranswick plc
Dairy Crest Group plc
Devro plc
Finsbury Food Group Plc
Hilton Food Group plc
M.P. Evans Group plc
Produce Investments plc
Real Good Food plc
Tate & Lyle plc

Wynnstay Group plc

GICS 3030

McBride plc
PZ Cussons Plc
Reckitt Benckiser Group p
Swallowfield plc
Unilever PLC

GICS 35

Abcam Plc
Advanced Medical Solution
Alliance Pharma plc
Animalcare Group plc
AstraZeneca PLC
Bioquell plc
BTG plc
CareTech Holdings PLC
Clinigen Group Plc
Consort Medical plc
Craneware plc
CVS Group plc
Dechra Pharmaceuticals pl
ECO Animal Health Group p
EMIS Group plc
GlaxoSmithKline plc
Inspiration Healthcare Gr
Instem plc
NMC Health Plc
Omega Diagnostics Group P
Smith & Nephew plc
Tristel Plc

GICS 3510

Advanced Medical Solution
Bioquell plc
CareTech Holdings PLC
Consort Medical plc
Craneware plc
CVS Group plc
EMIS Group plc
Inspiration Healthcare Gr
Instem plc
NMC Health Plc
Omega Diagnostics Group P
Smith & Nephew plc
Tristel Plc

GICS 351010

Advanced Medical Solution
Bioquell plc
Inspiration Healthcare Gr
Omega Diagnostics Group P
Smith & Nephew plc
Tristel Plc

GICS 3520

Abcam Plc
Alliance Pharma plc
AstraZeneca PLC
BTG plc

Dechra Pharmaceuticals pl
ECO Animal Health Group p
GlaxoSmithKline plc

GICS 352020

Alliance Pharma plc
AstraZeneca PLC
BTG plc
Dechra Pharmaceuticals pl
ECO Animal Health Group p
GlaxoSmithKline plc

GICS 402030

3i Group plc
Aberforth Smaller Compani
Alliance Trust PLC
Alpha Real Trust Limited
Ashmore Group PLC
The Baillie Gifford Japan
Baillie Gifford Shin Nipp
The Bankers Investment Tr
BlackRock Greater Europe
BlackRock Income and Grow
B.P. Marsh & Partners PLC
Brewin Dolphin Holdings P
Brooks Macdonald Group pl
The Brunner Investment Tr
Caledonia Investments plc
Capital Gearing Trust p.l
Cenkos Securities plc
Charles Stanley Group plc
The City of London Invest
Electra Private Equity PL
EP Global Opportunities T
F&C Capital and Income In
F&C Private Equity Trust
F&C Global Smaller Compan
Fidelity Asian Values PLC
Fidelity Investment Trust
Fidelity Japan Trust PLC
Fidelity Investment Trust
Finsbury Growth & Income
Foreign & Colonial Invest
Frenkel Topping Group Plc
Hargreaves Lansdown plc
Henderson European Focus
Henderson EuroTrust plc
Henderson High Income Tru
Henderson Opportunities T
Herald Investment Trust P
HICL Infrastructure Compa
Highbridge Multi-Strategy
ICG Enterprise Trust PLC
IG Group Holdings plc
Impax Asset Management Gr
Impax Environmental Marke
The Independent Investmen
India Capital Growth Fund
Intermediate Capital Grou
International Public Part
Invesco Perpetual Enhance

INVESCO Perpetual UK Smal
IP Group Plc
Jarvis Securities plc
JPMorgan Chinese Investme
JPMorgan Claverhouse Inve
JPMorgan American Investm
JPMorgan Global Growth &
JPMorgan Japan Smaller Co
JPMorgan US Smaller Compa
Jupiter European Opportun
Jupiter Fund Management P
Jupiter US Smaller Compan
Keystone Investment Trust
The Law Debenture Corpora
Lighthouse Group plc
Lindsell Train Investment
Liontrust Asset Managemen
Lowland Investment Compan
Majedie Investments PLC
Martin Currie Global Port
Mattioli Woods PLC
Mid Wynd International In
Miton Global Opportunitie
Miton Group plc
The Monks Investment Trus
NEX Group plc
The North American Income
North Atlantic Smaller Co
Numis Corporation Plc
Pacific Horizon Investmen
Pantheon International PL
Polar Capital Holdings pl
Polar Capital Technology
Rathbone Brothers Plc
Allianz Technology Trust
Record plc
RIT Capital Partners plc
Schroder Income Growth Fu
Schroder Japan Growth Fun
Schroder UK Mid Cap Fund
Schroders plc
The Scottish American Inv
The Scottish Investment T
Scottish Mortgage Investm
Seneca Global Income & Gr
Chelverton UK Dividend Tr
St. James's Place plc
Standard Life Equity Inco
SL Private Equity
Standard Life UK Smaller
The Mercantile Investment
TR European Growth Trust
TR Property Investment Tr
Troy Income & Growth Trus
Value and Income Trust pl
Witan Investment Trust pl

GICS 403010

Admiral Group plc
Aviva plc
Charles Taylor plc

Chesnara plc
Direct Line Insurance Gro
esure Group plc
Jardine Lloyd Thompson Gr
Legal & General Group Plc
Personal Group Holdings P
Prudential plc
RSA Insurance Group plc

GICS 45

accesso Technology Group
Amino Technologies plc
AVEVA Group plc
Blanco Technology Group
Computacenter plc
Concurrent Technologies p
D4t4 Solutions Plc
Dialog Semiconductor Plc
Dillistone Group Plc
discoverIE Group plc
dotDigital Group Plc
Eckoh Plc
Electrocomponents plc
Fidessa group plc
First Derivatives plc
GB Group plc
Gooch & Housego PLC
Gresham Technologies plc
Halma plc
IDOX plc
IndigoVision Group plc
iomart Group plc
K3 Business Technology Gr
Laird PLC
Microgen plc
Mobile Streams Plc
Moneysupermarket.com Grou
NCC Group plc
Netcall plc
Oxford Metrics plc
Pennant International Gro
Petards Group plc
Proactis Holdings Plc
Renishaw plc
RM plc
The Sage Group plc
Sanderson Group Plc
SCISYS PLC
Smart Metering Systems Pl
Solid State plc
Sopheon plc
Spectris plc
Spirent Communications pl
SRT Marine Systems plc
Stadium Group plc
Synectics plc
Tracsis plc
Trakm8 Holdings PLC
TT Electronics plc
Vianet Group plc
Xaar plc

Zytronic plc

GICS 4510

AVEVA Group plc
Blanco Technology Group
Computacenter plc
D4t4 Solutions Plc
Dillistone Group Plc
dotDigital Group Plc
Eckoh Plc
Fidessa group plc
First Derivatives plc
GB Group plc
Gresham Technologies plc
IDOX plc
iomart Group plc
K3 Business Technology Gr
Microgen plc
Mobile Streams Plc
Moneysupermarket.com Grou
NCC Group plc
Netcall plc
Oxford Metrics plc
Pennant International Gro
Petards Group plc
Proactis Holdings Plc
The Sage Group plc
Sanderson Group Plc
SCISYS PLC
Sopheon plc
Tracsis plc

GICS 451020

Computacenter plc
D4t4 Solutions Plc
Eckoh Plc
NCC Group plc
Sanderson Group Plc

GICS 451030

AVEVA Group plc
Blanco Technology Group
Dillistone Group Plc
dotDigital Group Plc
Fidessa group plc
GB Group plc
K3 Business Technology Gr
Microgen plc
Netcall plc
Oxford Metrics plc
Pennant International Gro
Petards Group plc
Proactis Holdings Plc
The Sage Group plc
Sopheon plc
Tracsis plc

GICS 4520

accesso Technology Group
Amino Technologies plc
Concurrent Technologies p

discoverIE Group plc
Electrocomponents plc
Gooch & Housego PLC
Halma plc
IndigoVision Group plc
Laird PLC
Renishaw plc
Smart Metering Systems Pl
Solid State plc
Spectris plc
Spirent Communications pl
SRT Marine Systems plc
Stadium Group plc
Trakm8 Holdings PLC
TT Electronics plc
Vianet Group plc
Xaar plc
Zytronic plc

GICS 452030

accesso Technology Group
discoverIE Group plc
Electrocomponents plc
Gooch & Housego PLC
Halma plc
IndigoVision Group plc
Renishaw plc
Smart Metering Systems Pl
Solid State plc
Spectris plc
Stadium Group plc
TT Electronics plc
Vianet Group plc
Zytronic plc

GICS 50

BT Group plc
Inmarsat Plc
KCOM Group PLC
TalkTalk Telecom Group PL
Vodafone Group Plc

GICS 55

Centrica plc
Drax Group plc
Good Energy Group PLC
National Grid plc
Pennon Group Plc
SSE plc
Severn Trent Plc
Telecom Plus plc
United Utilities Group PL

GICS 601010

Assura Plc
Big Yellow Group Plc
Capital & Regional Plc
Derwent London Plc
F&C UK Real Estate Invest
Hansteen Holdings PLC
Highcroft Investments Plc

intu properties plc
Land Securities Group plc
LondonMetric Property Plc
McKay Securities Plc
A & J Mucklow Group Plc
Primary Health Properties
Safestore Holdings plc
Schroder Real Estate Inve
SEGRO plc
Shaftesbury PLC
The Unite Group plc
Workspace Group plc

GICS 601020

Belvoir Lettings Plc
CLS Holdings plc
Conygar Investment Compan
Daejan Holdings plc
First Property Group plc
Grainger plc
Helical plc
Lok'nStore Group plc
LSL Property Services Plc
M Winkworth PLC
Mountview Estates P.L.C.
Picton Property Income Li
Savills plc
Sigma Capital Group plc
St. Modwen Properties PLC
U and I Group PLC
UK Commercial Property RE
Urban&Civic plc

Appendix P: Companies (“High-Financial-Risk” Set) in Each Industry, by GICS Code, in United Kingdom

In appendix P, a listing of companies in the set of “high-financial-risk” companies for each GICS code in the United Kingdom region is presented.

GICS 10

Anglo Pacific Group plc
EnQuest PLC
Hunting plc
IGas Energy plc
JKX Oil & Gas plc
Premier Oil plc
Tullow Oil plc

GICS 1010

Anglo Pacific Group plc
EnQuest PLC
Hunting plc
IGas Energy plc
JKX Oil & Gas plc
Premier Oil plc
Tullow Oil plc

GICS 101020

Anglo Pacific Group plc
EnQuest PLC
IGas Energy plc
JKX Oil & Gas plc
Premier Oil plc
Tullow Oil plc

GICS 15

Acacia Mining plc
Albyn Plc
Anglo American plc
Avocet Mining plc
EVRAZ plc
Hochschild Mining plc
KAZ Minerals PLC
Lonmin Plc
Petrovavlovsk PLC
Shanta Gold Limited
Vedanta Resources plc

GICS 151040

Acacia Mining plc
Albyn Plc
Anglo American plc
Avocet Mining plc
EVRAZ plc
Hochschild Mining plc
KAZ Minerals PLC
Lonmin Plc
Petrovavlovsk PLC
Shanta Gold Limited
Vedanta Resources plc

GICS 20

The 600 Group PLC
Capita plc
Carillion plc
Chemring Group plc
Christie Group plc
Cobham plc
De La Rue plc
Driver Group plc

Elektron Technology plc
Flybe Group PLC
Havelock Europa plc
Hogg Robinson Group plc
Interserve Plc
Management Consulting Gro
Mitie Group plc
Mountfield Group Plc
Northbridge Industrial Se
Parity Group plc
Redhall Group plc
Renold plc
Rentokil Initial plc
Serco Group plc
SIG plc
Speedy Hire Plc
Utilitywise Plc
Wincanton plc

GICS 2010

The 600 Group PLC
Chemring Group plc
Cobham plc
Driver Group plc
Elektron Technology plc
Havelock Europa plc
Mountfield Group Plc
Northbridge Industrial Se
Redhall Group plc
Renold plc
SIG plc
Speedy Hire Plc

GICS 2020

Capita plc
Christie Group plc
De La Rue plc
Hogg Robinson Group plc
Management Consulting Gro
Mitie Group plc
Parity Group plc
Rentokil Initial plc
Serco Group plc
Utilitywise Plc

GICS 202020

Capita plc
Christie Group plc
Hogg Robinson Group plc
Management Consulting Gro
Parity Group plc
Utilitywise Plc

GICS 25

Carpetright plc
Centaur Media Plc
Connect Group PLC
Dignity plc
Ei Group plc
Findel plc
Haynes Publishing Group P

InterContinental Hotels G
Johnston Press plc
Mothercare plc
Pearson plc
Porta Communications Plc
Sportech PLC
St Ives plc
STV Group plc
Tasty plc
Topps Tiles Plc
Tribal Group plc
Webis Holdings plc

GICS 2530

Dignity plc
Ei Group plc
InterContinental Hotels G
Sportech PLC
Tasty plc
Tribal Group plc
Webis Holdings plc

GICS 2540

Centaur Media Plc
Haynes Publishing Group P
Johnston Press plc
Pearson plc
Porta Communications Plc
St Ives plc
STV Group plc

GICS 2550

Carpetright plc
Connect Group PLC
Findel plc
Mothercare plc
Topps Tiles Plc

GICS 35

EKF Diagnostics Holdings
Genus plc
Hikma Pharmaceuticals PLC
Immunodiagnostic Systems
Surgical Innovations Grou
Vectura Group plc

GICS 45

APC Technology Group PLC
Brady plc
Elecosoft plc
Newmark Security plc
Pebble Beach Systems Grou
Progility PLC
RedstoneConnect Plc
RhythmOne plc
SDL plc
StatPro Group plc
Telit Communications PLC
Watchstone Group Plc
ZOO Digital Group plc

GICS 4510

Brady plc
Elecosoft plc
RedstoneConnect Plc
RhythmOne plc
SDL plc
StatPro Group plc
Watchstone Group Plc
ZOO Digital Group plc

GICS 451030

Brady plc
Elecosoft plc
SDL plc
StatPro Group plc
ZOO Digital Group plc

Appendix Q: GICS Codes in which Companies (Main Set) are Included, United Kingdom

In appendix Q, a listing of the GICS codes in which each of the companies in the main set of "healthy" companies in the United Kingdom region is presented.

3i Group plc			402030	BlackRock Income and Grow			402030
4imprint Group plc	25	2540		Blanco Technology Group	45	4510	451030
A & J Mucklow Group Plc			601010	Bloomsbury Publishing plc	25	2540	
A.G. BARR p.l.c.	30	3020		Bodycote plc	20	2010	
Abcam Plc	35	3520		Bovis Homes Group PLC	25	2520	252010
Aberforth Smaller Compani			402030	BP p.l.c.	10	1010	101020
accesso Technology Group	45	4520	452030	Braemar Shipping Services	20	2030	
Admiral Group plc			403010	Brewin Dolphin Holdings P			402030
Advanced Medical Solution	35	3510	351010	British American Tobacco	30	3020	
Aggreko Plc	20			Britvic Plc	30	3020	
Air Partner plc	20	2030		Brooks Macdonald Group pl			402030
AIREA plc	25	2520	252010	BT Group plc	50		
Alliance Pharma plc	35	3520	352020	BTG plc	35	3520	352020
Alliance Trust PLC			402030	Bunzl plc	20	2010	201070
Allianz Technology Trust			402030	Burberry Group plc	25	2520	
Alpha Real Trust Limited			402030	Caffyns plc	25	2550	255040
Amerisur Resources PLC	10	1010	101020	Caledonia Investments plc			402030
Amino Technologies plc	45	4520		Cambria Automobiles plc	25	2550	255040
Andrews Sykes Group plc	20	2010	201070	Camellia PLC	30	3020	302020
Anglo Asian Mining PLC	15		151040	Capital & Regional Plc			601010
Anglo-Eastern Plantations	30	3020	302020	Capital Gearing Trust p.l			402030
Animalcare Group plc	35			CareTech Holdings PLC	35	3510	
Anpario plc	30	3020	302020	Carr's Group plc	30	3020	302020
Antofagasta plc	15		151040	Castings P.L.C.	15		151040
Ashmore Group PLC			402030	Cenkos Securities plc			402030
Ashtead Group plc	20	2010	201070	Central Asia Metals Plc	15		151040
Associated British Foods	30	3020	302020	Centrica plc	55		
Assura Plc			601010	Charles Stanley Group plc			402030
AstraZeneca PLC	35	3520	352020	Charles Taylor plc			403010
Augean plc	20	2020	202010	Chelverton UK Dividend Tr			402030
Aukett Swanke Group Plc	20	2020	202020	Chesnara plc			403010
AVEVA Group plc	45	4510	451030	Churchill China plc	25	2520	252010
Aviva plc			403010	Cineworld Group plc	25	2540	
Awilco Drilling Plc	10	1010		Clinigen Group Plc	35		
B.P. Marsh & Partners PLC			402030	CLS Holdings plc			601020
Babcock International Gro	20			Cohort PLC	20		
BAE Systems plc	20	2010		Communis plc	20	2020	202010
Baillie Gifford Shin Nipp			402030	Compass Group PLC	25	2530	
Barratt Developments plc	25	2520	252010	Computacenter plc	45	4510	451020
BBA Aviation plc	20	2030		Concurrent Technologies p	45	4520	
Bellway p.l.c.	25	2520	252010	Consort Medical plc	35	3510	
Belvoir Lettings Plc			601020	Conygar Investment Compan			601020
Big Yellow Group Plc			601010	Costain Group plc	20	2010	201030
Bioquell plc	35	3510	351010	Craneware plc	35	3510	
BlackRock Greater Europe			402030	Cranswick plc	30	3020	302020

Crest Nicholson Holdings	25	2520	252010	FireAngel Safety Technolo	25	2520	252010
Croda International plc	15		151010	First Derivatives plc	45	4510	
CVS Group plc	35	3510		First Property Group plc			601020
D4t4 Solutions Plc	45	4510	451020	Firstgroup plc	20	2030	203040
Daejan Holdings plc			601020	Foreign & Colonial Invest			402030
Dairy Crest Group plc	30	3020	302020	Frenkel Topping Group Plc			402030
Dart Group plc	20	2030		Fresnillo PLC	15		151040
Debenhams plc	25	2550		Fuller, Smith & Turner P.	25	2530	
Dechra Pharmaceuticals pl	35	3520	352020	FW Thorpe Plc	20	2010	
Derwent London Plc			601010	G4S plc	20	2020	202010
Devro plc	30	3020	302020	Gama Aviation Plc	20	2030	
Dewhurst plc	20	2010		Games Workshop Group PLC	25	2520	
Diageo plc	30	3020		Gattaca plc	20	2020	202020
Dialight plc	20	2010		GB Group plc	45	4510	451030
Dialog Semiconductor Plc	45			Genting Singapore Limited	25	2530	
Dillistone Group Plc	45	4510	451030	GlaxoSmithKline plc	35	3520	352020
Direct Line Insurance Gro			403010	Gooch & Housego PLC	45	4520	452030
discoverIE Group plc	45	4520	452030	Good Energy Group PLC	55		
Domino's Pizza Group plc	25	2530		Grafenia Plc	20	2020	202010
dotDigital Group Plc	45	4510	451030	Grainger plc			601020
Drax Group plc	55			Greene King plc	25	2530	
DS Smith Plc	15			Greggs plc	25	2530	
Dunelm Group plc	25	2550	255040	Gresham Technologies plc	45	4510	
easyJet plc	20	2030		Halfords Group plc	25	2550	255040
Eckoh Plc	45	4510	451020	Halma plc	45	4520	452030
ECO Animal Health Group p	35	3520	352020	Hansteen Holdings PLC			601010
Electra Private Equity PL			402030	Hargreaves Lansdown plc			402030
Electrocomponents plc	45	4520	452030	Hargreaves Services Plc	10	1010	101020
Elementis plc	15		151010	Harvey Nash Group plc	20	2020	202020
EMIS Group plc	35	3510		Hays plc	20	2020	202020
Empresaria Group plc	20	2020	202020	Headlam Group plc	25	2550	
EP Global Opportunities T			402030	Helical plc			601020
esure Group plc			403010	Henderson European Focus			402030
F&C Capital and Income In			402030	Henderson EuroTrust plc			402030
F&C Global Smaller Compan			402030	Henderson High Income Tru			402030
F&C Private Equity Trust			402030	Henderson Opportunities T			402030
F&C UK Real Estate Invest			601010	Henry Boot PLC	25	2520	252010
Fenner PLC	20	2010	201060	Herald Investment Trust P			402030
Ferrexpo Plc	15		151040	HICL Infrastructure Compa			402030
Fidelity Asian Values PLC			402030	Highbridge Multi-Strategy			402030
Fidelity Investment Trust			402030	Highcroft Investments Plc			601010
Fidelity Japan Trust PLC			402030	Highland Gold Mining Limi	15		151040
Fidessa group plc	45	4510	451030	Hill & Smith Holdings PLC	15		151040
Finsbury Food Group Plc	30	3020	302020	Hilton Food Group plc	30	3020	302020
Finsbury Growth & Income			402030	HomeServe plc	20	2020	202010

Howden Joinery Group Plc	20	2010	201070	Jupiter Fund Management P			402030
ICG Enterprise Trust PLC			402030	Jupiter US Smaller Compan			402030
IDOX plc	45	4510		K3 Business Technology Gr	45	4510	451030
IG Design Group Plc	25	2520	252010	KCOM Group PLC	50		
IG Group Holdings plc			402030	Keller Group plc	20	2010	201030
IMI plc	20	2010	201060	Keystone Investment Trust			402030
Impax Asset Management Gr			402030	Kier Group plc	20		
Impax Environmental Marke			402030	Kingfisher plc	25	2550	255040
Inchcape plc	25	2550		Laird PLC	45	4520	
India Capital Growth Fund			402030	Land Securities Group plc			601010
IndigoVision Group plc	45	4520	452030	Legal & General Group Plc			403010
Informa plc	25	2540		Lighthouse Group plc			402030
Inmarsat Plc	50			Lindsell Train Investment			402030
Inspiration Healthcare Gr	35	3510	351010	Liontrust Asset Managemen			402030
Instem plc	35	3510		Lok'nStore Group plc			601020
Intermediate Capital Grou			402030	LondonMetric Property Plc			601010
International Public Part			402030	Lookers plc	25	2550	255040
InterQuest Group plc	20	2020	202020	Low & Bonar plc	15		
Intertek Group plc	20	2020	202020	Lowland Investment Compan			402030
intu properties plc			601010	LPA Group plc	20	2010	
Invesco Perpetual Enhance			402030	LSL Property Services Plc			601020
INVESCO Perpetual UK Smal			402030	M Winkworth PLC			601020
iomart Group plc	45	4510		M&C Saatchi plc	25	2540	
IP Group Plc			402030	M.P. Evans Group plc	30	3020	302020
ITE Group plc	25	2540		MacFarlane Group plc	20	2010	201070
ITV plc	25	2540		Majedie Investments PLC			402030
J D Wetherspoon plc	25	2530		Marshalls plc	15		
J Sainsbury plc	30			Martin Currie Global Port			402030
James Fisher and Sons plc	20	2030		Mattioli Woods PLC			402030
James Halstead plc	20	2010		McBride plc	30	3030	
James Latham plc	20	2010	201070	McKay Securities Plc			601010
Jardine Lloyd Thompson Gr			403010	Mears Group plc	20	2020	202010
Jarvis Securities plc			402030	Meggitt PLC	20	2010	
JD Sports Fashion plc	25	2550	255040	Melrose Industries PLC	20		
John Wood Group PLC	10	1010		Michelmersh Brick Holding	15		
Johnson Matthey Plc	15		151010	Microgen plc	45	4510	451030
Johnson Service Group PLC	20	2020	202010	Mid Wynd International In			402030
JPMorgan American Investm			402030	Millennium & Copthorne Ho	25	2530	
JPMorgan Chinese Investme			402030	Mitchells & Butlers plc	25	2530	
JPMorgan Claverhouse Inve			402030	Miton Global Opportunitie			402030
JPMorgan Global Growth &			402030	Miton Group plc			402030
JPMorgan Japan Smaller Co			402030	MJ Gleeson plc	25	2520	252010
JPMorgan US Smaller Compa			402030	Mobile Streams Plc	45	4510	
Judges Scientific plc	20	2010	201060	Mondi plc	15		
Jupiter European Opportun			402030	Moneysupermarket.com Grou	45	4510	

Moss Bros Group plc	25	2550	255040	PZ Cussons Plc	30	3030	
Mountview Estates P.L.C.			601020	QinetiQ Group Plc	20	2010	
Mpac Group plc	20	2010	201060	Rathbone Brothers Plc			402030
MS INTERNATIONAL plc	20	2010		Reach plc	25	2540	
Mulberry Group plc	25	2520		Real Good Food plc	30	3020	302020
Murgitroyd Group plc	20	2020	202020	Reckitt Benckiser Group p	30	3030	
N Brown Group plc	25	2550		Record plc			402030
National Express Group PL	20	2030	203040	Redde plc	20	2030	203040
National Grid plc	55			Redrow plc	25	2520	252010
NCC Group plc	45	4510	451020	RELX PLC	20	2020	202020
Netcall plc	45	4510	451030	Renew Holdings plc	20	2010	201030
NEX Group plc			402030	Renishaw plc	45	4520	452030
Next Fifteen Communicatio	25	2540		Ricardo plc	20	2020	202020
Next Plc	25	2550		Rio Tinto plc	15		151040
Nichols plc	30	3020		RIT Capital Partners plc			402030
NMC Health Plc	35	3510		RM plc	45		
North Atlantic Smaller Co			402030	Robert Walters plc	20	2020	202020
Northgate plc	20	2030	203040	Robinson plc	15		
Numis Corporation Plc			402030	Rolls-Royce Holdings plc	20	2010	
Ocado Group plc	25	2550		Rotala PLC	20	2030	203040
Omega Diagnostics Group P	35	3510	351010	Royal Dutch Shell plc	10	1010	101020
Oxford Metrics plc	45	4510	451030	RPC Group Plc	15		
Pacific Horizon Investmen			402030	RPS Group plc	20	2020	202010
PageGroup plc	20	2020	202020	RSA Insurance Group plc			403010
Pantheon International PL			402030	Safestore Holdings plc			601010
PayPoint plc	20	2020	202010	Sanderson Group Plc	45	4510	451020
Peel Hotels plc	25	2530		Savills plc			601020
Pendragon PLC	25	2550	255040	Schroder Income Growth Fu			402030
Pennant International Gro	45	4510	451030	Schroder Japan Growth Fun			402030
Pennon Group Plc	55			Schroder Real Estate Inve			601010
Persimmon plc	25	2520	252010	Schroder UK Mid Cap Fund			402030
Personal Group Holdings P			403010	Schroders plc			402030
Petards Group plc	45	4510	451030	Science Group plc	20	2020	202020
Photo-Me International pl	25	2520		SCISYS PLC	45	4510	
Picton Property Income Li			601020	Scottish Mortgage Investm			402030
Plastics Capital plc	15			SEGRO plc			601010
Polar Capital Holdings pl			402030	Seneca Global Income & Gr			402030
Polar Capital Technology			402030	Severfield plc	20	2010	201030
Portmeirion Group plc	25	2520	252010	Severn Trent Plc	55		
Porvair plc	20	2010	201060	Shaftesbury PLC			601010
Primary Health Properties			601010	Sigma Capital Group plc			601020
Prime People Plc	20	2020	202020	Sky plc	25	2540	
Proactis Holdings Plc	45	4510	451030	SL Private Equity			402030
Produce Investments plc	30	3020	302020	Smart Metering Systems PI	45	4520	452030
Prudential plc			403010	Smith & Nephew plc	35	3510	351010

SOCO International plc	10	1010	101020	The Scottish Investment T			402030
Solid State plc	45	4520	452030	The Unite Group plc			601010
Sopheon plc	45	4510	451030	The Vitec Group plc	25	2520	
Spectris plc	45	4520	452030	Titon Holdings plc	20	2010	
Spirax-Sarco Engineering	20	2010	201060	TR European Growth Trust			402030
Spirent Communications pl	45	4520		TR Property Investment Tr			402030
Sports Direct Internation	25	2550	255040	Tracsis plc	45	4510	451030
SRT Marine Systems plc	45	4520		Trakm8 Holdings PLC	45	4520	
SSE plc	55			Travis Perkins plc	20	2010	201070
St. James's Place plc			402030	Treatt plc	15		151010
St. Modwen Properties PLC			601020	Trifast plc	20	2010	201060
Stadium Group plc	45	4520	452030	Tristel Plc	35	3510	351010
Staffline Group plc	20	2020	202020	Troy Income & Growth Trus			402030
Stagecoach Group plc	20	2030	203040	TT Electronics plc	45	4520	452030
Standard Life Equity Inco			402030	Tyman plc	20	2010	
Standard Life UK Smaller			402030	U and I Group PLC			601020
SThree plc	20	2020	202020	UK Commercial Property RE			601020
Stobart Group Limited	10			Ultra Electronics Holding	20	2010	
Superdry Plc	25	2550		Unilever PLC	30	3030	
Swallowfield plc	30	3030		United Utilities Group PL	55		
Synectics plc	45			Urban&Civic plc			601020
Synthomer plc	15		151010	Value and Income Trust pl			402030
System1 Group PLC	25	2540		Vertu Motors plc	25	2550	255040
TalkTalk Telecom Group PL	50			Vianet Group plc	45	4520	452030
Tate & Lyle plc	30	3020	302020	Victoria plc	25	2520	252010
Taylor Wimpey plc	25	2520	252010	Victrex plc	15		151010
TClarke plc	20	2010	201030	Vodafone Group Plc	50		
Ted Baker Plc	25	2520		Vp plc	20	2010	201070
Telecom Plus plc	55			Walker Greenbank PLC	25	2520	
The Alumasc Group plc	20	2010		WH Smith PLC	25	2550	255040
The Baillie Gifford Japan			402030	Whitbread PLC	25	2530	
The Bankers Investment Tr			402030	William Hill plc	25	2530	
The Berkeley Group Holdin	25	2520	252010	Witan Investment Trust pl			402030
The Brunner Investment Tr			402030	Wm Morrison Supermarkets	30		
The Character Group plc	25	2520		Workspace Group plc			601010
The City of London Invest			402030	WYG PLC	20	2010	201030
The Go-Ahead Group plc	20	2030	203040	Wynnstay Group plc	30	3020	302020
The Independent Investmen			402030	Xaar plc	45	4520	
The Law Debenture Corpora			402030	YouGov plc	25	2540	
The Mercantile Investment			402030	Young & Co.'s Brewery, P.	25	2530	
The Monks Investment Trus			402030	ZEAL Network SE	25	2530	
The North American Income			402030	Zimplats Holdings Limited	15		151040
The Restaurant Group plc	25	2530		Zotefoams plc	15		151010
The Sage Group plc	45	4510	451030	Zytronic plc	45	4520	452030
The Scottish American Inv			402030				

Appendix R: GICS Codes in which Companies (“High-Financial-Risk” Set) are Included, United Kingdom

In appendix R, a listing of the GICS codes in which each of the companies in the set of “high-financial-risk” companies in the United Kingdom region is presented.

Acacia Mining plc	15		151040	Newmark Security plc	45		
Altyn Plc	15		151040	Northbridge Industrial Se	20	2010	
Anglo American plc	15		151040	Parity Group plc	20	2020	202020
Anglo Pacific Group plc	10	1010	101020	Pearson plc	25	2540	
APC Technology Group PLC	45			Pebble Beach Systems Grou	45		
Avocet Mining plc	15		151040	Petropavlovsk PLC	15		151040
Brady plc	45	4510	451030	Porta Communications Plc	25	2540	
Capita plc	20	2020	202020	Premier Oil plc	10	1010	101020
Carillion plc	20			Progility PLC	45		
Carpetright plc	25	2550		Redhall Group plc	20	2010	
Centaur Media Plc	25	2540		RedstoneConnect Plc	45	4510	
Chemring Group plc	20	2010		Renold plc	20	2010	
Christie Group plc	20	2020	202020	Rentokil Initial plc	20	2020	
Cobham plc	20	2010		RhythmOne plc	45	4510	
Connect Group PLC	25	2550		SDL plc	45	4510	451030
De La Rue plc	20	2020		Serco Group plc	20	2020	
Dignity plc	25	2530		Shanta Gold Limited	15		151040
Driver Group plc	20	2010		SIG plc	20	2010	
Ei Group plc	25	2530		Speedy Hire Plc	20	2010	
EKF Diagnostics Holdings	35			Sportech PLC	25	2530	
Elecosoft plc	45	4510	451030	St Ives plc	25	2540	
Elektron Technology plc	20	2010		StatPro Group plc	45	4510	451030
EnQuest PLC	10	1010	101020	STV Group plc	25	2540	
EVRAZ plc	15		151040	Surgical Innovations Grou	35		
Findel plc	25	2550		Tasty plc	25	2530	
Flybe Group PLC	20			Telit Communications PLC	45		
Genus plc	35			The 600 Group PLC	20	2010	
Havelock Europa plc	20	2010		Topps Tiles Plc	25	2550	
Haynes Publishing Group P	25	2540		Tribal Group plc	25	2530	
Hikma Pharmaceuticals PLC	35			Tullow Oil plc	10	1010	101020
Hochschild Mining plc	15		151040	Utilitywise Plc	20	2020	202020
Hogg Robinson Group plc	20	2020	202020	Vectura Group plc	35		
Hunting plc	10	1010		Vedanta Resources plc	15		151040
IGas Energy plc	10	1010	101020	Watchstone Group Plc	45	4510	
Immunodiagnostic Systems	35			Webis Holdings plc	25	2530	
InterContinental Hotels G	25	2530		Wincanton plc	20		
Interserve Plc	20			ZOO Digital Group plc	45	4510	451030
JKX Oil & Gas plc	10	1010	101020				
Johnston Press plc	25	2540					
KAZ Minerals PLC	15		151040				
Lonmin Plc	15		151040				
Management Consulting Gro	20	2020	202020				
Mitie Group plc	20	2020					
Mothercare plc	25	2550					
Mountfield Group Plc	20	2010					