DUFF&PHELPS

2019 Valuation Handbook

U.S. Industry Cost of Capital

Market Results Through December 2019

Duff & Phelps

Company & SIC List

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About Duff & Phelps

Duff & Phelps is the global advisor that protects, restores and maximizes value for clients in the areas of valuation, corporate finance, investigations, disputes, cyber security, compliance and regulatory matters, and other governance-related issues. We work with clients across diverse sectors, mitigating risk to assets, operations and people. With Kroll, a division of Duff & Phelps since 2018, our firm has nearly 3,500 professionals in 28 countries around the world. For more information, visit www.duffandphelps.com.

Additional Resources

Duff & Phelps is transitioning most of its valuation data resources form print delivery 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. To learn more about the Cost of Capital Navigator, visit dpcostofcapital.com.

The history and future of Duff & Phelps data resources are discussed below.

Duff & Phelps' Valuation Digital Solutions (formerly the Duff & Phelps Business Publishing Group) 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.

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, has been published for over 30 years.² The SBBI® Yearbook does not provide extensive valuation data or methodology.³

Each of the (i) U.S. and international valuation data resources, and the (ii) U.S. asset class performance data resources are discussed in detail in the following sections.

The Cost of Capital Navigator includes both U.S. and international (i) cost of equity capital estimates, and (ii) weighted average cost of capital (WACC) estimates (subscription required). For more information or to purchase, visit: dpcostofcapital.com.

² "Stocks, Bonds, Bills, and Inflation®" and "SBBI®" are registered trademarks of Morningstar, Inc. All rights reserved. Used with permission.

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 2018. 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.

U.S. and International Valuation Data Resources

Duff & Phelps produces five valuation data resources. The first four of these are the "Valuation Handbooks". Three of the four Valuation Handbooks have already been transitioned over to digital delivery on the online Cost of Capital Navigator platform at dpcostofcapital.com. A summary of the status of the four Valuation Handbooks is provided in Figure 1.

Figure 1: The Four Duff & Phelps Valuation Handbooks

Valuation Handbook	Status
Valuation Handbook − U.S. Guide to Cost of Capital →	Now available (exclusively) in the Cost of Capital Navigator's U.S. Cost of Capital Module
Valuation Handbook − U.S. Industry Cost of Capital →	Now available (exclusively) in the Cost of Capital Navigator's U.S. Industry Benchmarking Module
Valuation Handbook – International Guide to Cost of Capital $ ightarrow$	Now available (exclusively) in the Cost of Capital Navigator's International Cost of Capital Module
Valuation Handbook – International Industry Cost of Capital	Scheduled to be added to the Cost of Capital Navigator in 2020 as the International Industry Benchmarking Module

The fifth valuation data resource is the *Cost of Capital: Applications and Examples* 5th edition, by Shannon P. Pratt and Roger K. Grabowski (John Wiley & Sons, Inc., 2014). There are presently no plans to transition the information and data from this book over to the Cost of Capital Navigator platform. A summary of the status of the *Cost of Capital: Applications and Examples*, 5th edition is provided in Figure 2.

Figure 2: The Cost of Capital: Applications and Examples, 5th edition

Additional Valuation Resource	Status		
Cost of Capital: Applications and Examples 5th edition	Continues to be published as a hardcover book. Will not be added to Cost of Capital Navigator.		

A detailed description of each of the five Duff & Phelps valuation resources listed in Figure 1 and Figure 2 is provided in the following sections.

The Cost of Capital Navigators's U.S. Cost of Capital Module

The essential valuation data previously published in the former *Valuation Handbook – U.S. Guide to Cost of Capital* has been exclusively available in the new online Cost of Capital Navigator's U.S. Cost of Capital Module since 2018.

The U.S. Cost of Capital Module includes two essential U.S. valuation data sets:

- The CRSP Deciles Size Study⁴
- The Risk Premium Report Study⁵

The U.S. Cost of Capital Module includes:

- Size Premia
- Industry Risk Premia
- Equity Risk Premia (ERPs)
- Risk-free Rates
- Risk Premia Over the Risk-free Rate

And other risk premia that analysts have used and trusted for years to develop cost of capital estimates for U.S. companies.

For more information and to purchase the Cost of Capital Navigator's <u>U.S. Cost of Capital Module</u>, visit dpcostofcapital.com.

The Cost of Capital Navigators's <u>U.S. Industry Benchmarking Module</u>

The essential industry-level data previously published in the former *Valuation Handbook – U.S. Industry Cost of Capital* has been exclusively available in the new online Cost of Capital Navigator's U.S. Industry Benchmarking Module since 2019.

The U.S. Industry Benchmarking Module includes:

• Industry-level Cost of Capital Estimates (cost of equity capital, cost of debt capital, and weighted average cost of capital, or WACC),

The CRSP Deciles Size Study was published in the Ibbotson Associates Stocks, Bonds, Bill, and Inflation® (SBBI®) Valuation Yearbook from 1999–2006, in the Morningstar/Ibbotson® Stocks, Bonds, Bill, and Inflation® (SBBI®) Valuation Yearbook from 2007–2013, in the Duff & Phelps Valuation Handbook – U.S. Guide to Cost of Capital from 2014–2017, and since 2018 has been available exclusively in the Duff & Phelps online "Cost of Capital Navigator" platform at dpcostofcapital.com.

The Risk Premium Report was published as the PricewaterhouseCoopers Risk Premium Reports and Price Waterhouse Rick Premium Reports for years before 2002, as the Standard & Poor's Corporate Value Consulting Risk Premium Report from 2002–2004, the the Duff & Phelps Risk Premium Report from 2005–2013, and in the Duff & Phelps Valuation Handbook – U.S. Guide to Cost of Capital from 2014–2017, and since 2018 has been available exclusively in the Duff & Phelps online "Cost of Capital Navigator" platform at dpcostofcapital.com.

Plus detailed industry-level statistics for:

- Sales
- Market Capitlization
- Capital Structure
- Levered and Unlevered Betas
- Valuation Multiples
- Financial and Profitiability 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 170 U.S. industries (depending on data availability). Industries are organize by standard industrial classification (SIC) code.

The U.S. Industry Benchmarking Module 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.

For more information and to purchase the Cost of Capital Navigator's <u>U.S. Industry Benchmarking Module</u>, visit <u>dpcostofcapital.com</u>.

The Cost of Capital Navigators's <u>International Cost of Capital Module</u>

The essential valuation data previously published in the former *Valuation Handbook – International Guide to Cost of Capital* has been exclusively available in the new online Cost of Capital Navigator's International Cost of Capital Module since 2020.

The International Cost of Capital Module includes:

- Country Risk Premia (CRPs) for over 180 countries
- Relative Volatility (RV) Factors for over 70 countries
- Country-level Equity Risk Premia for 16 Countries
- Country-level Risk-Free Rates
- International Industry-Level Betas
- Tax Rates
- Inflation Rates

And more. The International Cost of Capital Module can be used to estimate country-level cost of equity capital globally, for 175+ countries, from the perspective of investors based in any one of up to 56 countries (depending on data availability).

"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 Cost of Capital Navigator's International Cost of Capital Module!".

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

For more information and to purchase the Cost of Capital Navigator's <u>International Cost of Capital Module</u>, visit <u>dpcostofcapital.com</u>.

Valuation Handbook - International Industry Cost of Capital

The Valuation Handbook – International Industry Cost of Capital will be printed and distributed as a physical book in 2020, but the essential information and data from this book is scheduled to be added to the Cost of Capital Navigator as the International Industry Benchmarking Module later in 2020.

Purchasers of the 2020 Valuation Handbook – International Industry Cost of Capital will receive a copy of the physical 2020 book (and associated intra-year update). Purchasers will also be given access to the book's upcoming online equivalent, the Cost of Capital Navigator's International Industry Benchmarking Module as soon as the module becomes available.

The Valuation Handbook – International Industry Cost of Capital (and upcoming online International Industry Benchmarking Module) includes industry-level analyses for four global economic areas:

- The World⁶
- The European Union
- The Eurozone
- The United Kingdom

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).

The Valuation Handbook – International Industry Cost of Capital (and upcoming online International Industry Benchmarking Module) include:

• Industry-level Cost of Capital Estimates (cost of equity capital, cost of debt capital, and weighted average cost of capital, or WACC)

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 user therein.

Plus detailed industry-level statistics for:

- Sales
- Market Capitalization
- Capital Strucutre
- Levered and Unlevered Betas
- Valuation 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.

For more information and to purchase the 2020 Valuation Handbook – International Industry Cost of Capital visit: duffandphelps.onfastspring.com/books.

Purchasers of the 2020 Valuation Handbook – International Industry Cost of Capital will receive a copy of the physical 2020 book (and associated intra-year update). Purchasers will also be given access to the book's upcoming online equivalent, the Cost of Capital Navigator's International Industry Benchmarking Module as soon as the module becomes available. For more information about the Duff & Phelps online Cost of Capital Navigator platform, visit dpcostofcapital.com.

The Cost of Capital: Applications and Examples, 5th edition

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

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 several years. The 6th edition of this book is tentatively scheduled for publication late 2021.

"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

"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 of Zebra Capital LLC, and former Chairman and founder of Ibbotson Associates, now part of Morningstar, Inc.

To learn more about *Cost of Capital: Applications and Examples* 5th edition, visit: www.wiley.com/buy/9781118555804.

U.S. Asset Class Performance Data

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

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

The Stocks, Bonds, Bills, and Inflation® (SBBI®) Yearbook (updated annually) 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 has been 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".^{7,8}

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.

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

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. Beginning with the 2016 edition, the SBBI® Yearbook (the word "Classic" was dropped from the title) has been produced by Duff & Phelps.

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 (this book) 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.

Industry-Level Cost of Capital Estimates

The 2019 Valuation Handbook - U.S. Industry Cost of Capita and the online U.S. Industry Benchmarking Module at dpcostofcapital.com provides eight (8) cost of equity capital estimates for each of the industries covered in the book:9,10

- 1) Capital Asset Pricing Model (CAPM)¹¹
- 2) CAPM + Size Premium (using the CRSP Deciles Size Study)
- 3) Build-up + Industry Risk Premium (using the CRSP Deciles Size Study)
- 4) CAPM + Size Premium (using the Risk Premium Report Study)
- 5) Build-up + Risk Premium Over the Risk-free Rate (using Risk Premium Report Study)
- 6) 1-Stage Discounted Cash Flow (DCF) model
- 7) 3-Stage DCF model
- 8) Fama-French (F-F) 5-Factor Model

Cost of debt capital and weighted average cost of capital (WACC) are also presented for each industry. 12 WACC is calculated using the cost of equity capital estimated by each of the eight models, plus the cost of preferred capital input and the cost of debt capital input.

Depending on data availability; some industries may not include all estimates.

In this list, the "CRSP Deciles Size Study" is the valuation data previously published on the "back page" of the Morningstar/Ibbotson SBBI® Valuation Yearbook; the "Risk Premium Report Study" is the valuation data previously published in the Duff & Phelps Risk Premium Report. Both of these key valuation data sets are now available exclusively in the online Duff & Phelps Cost of Capital Navigator <u>U.S. Cost</u> of Capital Module at dpcostofcapital.com. The data and information in the former Valuation Handbook - U.S. Guide to Cost of Capital was published annually in a hardcover book from 2014 to 2017. 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. To learn more about the Duff & Phelps Cost of Capital Navigator, visit: dpcostofcapital.com.

This is CAPM calculated without any additional adjustments for "size", or other factors (i.e., the traditional "textbook" or "base" CAPM).

Depending on data availability; some industries may not include all estimates.

Industry-Level Statistics, Capital Structure, Valuation Multiples, and Betas

The 2019 Valuation Handbook – U.S. Industry Cost of Capital and the online U.S. Industry Benchmarking Module at dpcostofcapital.com also provide detailed statistics for sales, total assets, industry performance, capital structure, various levered and unlevered beta estimates (e.g., ordinary least squares (OLS) beta, sum beta, downside beta, etc.), valuation (trading) multiples, financial and profitability ratios, equity returns, aggregate forward-looking earnings per share (EPS) growth rates, and more.

Analysis of Capital Structure Including Off-Balance-Sheet Liabilities

The 2019 Valuation Handbook – U.S. Industry Cost of Capital and the online U.S. Industry Benchmarking Module at dpcostofcapital.com provide statistics that enable the user to gauge the impact of "debt-like" off-balance-sheet items on the capital structure of the subject industry. These debt-equivalent liabilities (specifically, capitalized operating leases and unfunded pension obligations) are not only taken into account by credit rating agencies when assigning a debt rating for a company, but should likely be considered when ascertaining the true financial (and equity) risk of the subject company as well.

The capital structure (and unlevered betas) of each industry are calculated with and without these off-balance-sheet debt-equivalent items, so that the user can gauge how material these liabilities are for the subject industry (see Appendices A and B).

For a detailed discussion, see Cost of Capital: Applications and Examples 5th edition, by Shannon P. Pratt and Roger J. Grabowski, Chapter 20, "Other Components of a Business's Capital Structure".

A Special Note on the Treatment of Off-Balance-Sheet Liabilities

The accounting treatment of leases under U.S. GAAP and IFRS has recently undergone a sweeping change, replacing rules that have been in place for over 30 years. According to some estimates, this accounting change will ultimately bring trillions of dollars of off-balance-sheet liabilities into companies' balance sheets.¹³ The new standards have the following effective dates:

Accounting Standards Codification Topic 842 Leases (ASC 842) under U.S. GAAP:

- Publicly traded companies and certain other SEC filers: Mandatory for fiscal years (including interim periods within those fiscal years) beginning after December 15, 2018. For calendar-year companies, this means an effective date of January 1, 2019.
- All other entities: Mandatory for fiscal years (including interim periods within those fiscal years) beginning after December 15, 2020. For calendar-year companies, this means an effective date of January 1, 2021.
- Early adoption allowed.

See for example, "IFRS 16 – Effects Analysis" published by the IASB in January 2016. Accessible here: https://www.ifrs.org/-/media/project/leases/ifrs/published-documents/ifrs16-effects-analysis.pdf.

IFRS 16 Leases:

- All entities reporting under IFRS: Mandatory for fiscal years (annual periods) beginning on or after January 1, 2019.
- Early adoption allowed.

While these standards are not fully converged, in simple terms they will both have the effect of requiring lessees to recognize lease liabilities and a corresponding right-of-use (RoU) asset on the balance sheet for all lease agreements:

- U.S. GAAP adopted a dual lessee accounting model: Operating leases (previously an off-balance sheet item) are now recognized on the balance sheet. However, the rent (lease) expense will continue to flow through the income statement. Conversely, finance leases (formerly capital leases) will continue to have a similar treatment as in previous rules. This means that there is no rent expense related to the finance lease being recorded; rather amortization (of the RoU) and interest expenses associated with the lease agreement are recognized separately in the income statement.
- IFRS introduced a single lessee accounting model: all the previous operating and capital leases will now be classified as finance leases and capitalized on the balance sheet. In the income statement, rent expense is now bifurcated between depreciation and interest expense. This treatment differs from the U.S. GAAP handling of operating leases.

Accounting for lessors saw minimal changes and remains similar to previous rules.

The December 31, 2019 data used in (this) U.S. industry analysis update was retrieved in early January 2020 and reflected a relatively small number of companies that have adopted the new lease accounting rules on their annual financial statements. To ensure metrics are fully comparable across companies and industries, the authors and other members of the Valuation Digital Solutions team elected to exclude operating leases from the analysis for those companies that have already adopted (e.g., total debt was computed excluding operating lease liabilities).

In the March 31, 2020 update, the Valuation Digital Solutions team will assess the number of companies that have reported operating leases in their annual financial statements under the new rules. At this juncture, we anticipate that a significant amount of companies will have already reflected operating leases on their balance sheets as of that date. If that expectation is confirmed, we will update the analysis to include this impact (e.g., on the computation of total debt, capital structure, EBITDA/EV valuation multiples, etc.).

New in the 2019 Valuation Handbook - U.S. Industry Cost of Capital

The most recent and significant change is that the essential industry-level data published in the *Valuation Handbook – U.S. Industry Cost of Capital* has been available in the new online Cost of Capital Navigator's <u>U.S. Industry Benchmarking Module</u> at dpcostofcapital.com since 2019. Starting with the March 2020 the information and data published herein will be *exclusively* available in the Cost of Capital Navigator's U.S. Industry Benchmarking Module. A physical book will no longer be published.

For more information about the Duff & Phelps online Cost of Capital Navigator platform and to subscribe to the <u>U.S. Industry Benchmarking Module</u>, visit <u>dpcostofcapital.com</u>.

Another significant change may occur in the *upcoming* March 31, 2020 update to the information and data herein in regards to the new accounting treatment of leases under U.S. GAAP and IFRS, which has recently undergone a sweeping change. According to some estimates, this accounting change will ultimately bring trillions of dollars of off-balance-sheet liabilities into companies' balance sheets. To learn more, please read the section herein entitled "A Special Note on the Treatment of Off-Balance-Sheet Liabilities".

Starting with the 2016 edition, we added a new Appendix C, the "van Binsbergen-Graham-Yang Optimal Capital Structure Model", based upon the work of Jules H. van Binsbergen, Associate Professor of Finance, The Wharton School, University of Pennsylvania, John R. Graham, Professor of Finance, Fuqua School of Business, Duke University, and Jie Yang, Senior Economist with the Board of Governors of the Federal Reserve System. This new appendix provides estimates of (i) the optimal amount of debt that firms should use as a percentage of their total capital, and (ii) the incremental firm value potentially created by choosing an optimal capital structure (rather than using no debt at all). The optimal capital structure model reflects several important tax code changes that occurred starting in tax year 2018 due to the Tax Cuts and Jobs Act (TCJA) tax reform. Visit Appendix C to learn all the key new features of the TJCA tax code.

In early editions of the *Valuation Handbook – U.S. Industry Cost of Capital*, all beta estimates on each industry tear-sheet were rounded to the nearest tenth (i.e., one decimal). Starting with the 2017 edition, all beta estimates on each tearsheet are now rounded to the nearest hundredth (i.e., two decimals). At readers' request, this refinement was added to provide valuation practitioners with one more decimal of precision for this metric.

In previous editions of the *Valuation Handbook – U.S. Industry Cost of Capital*, all SICs in Division H: Finance, Insurance, and Real Estate (major groups between SICs beginning with "60" and "67") included three equity valuation multiples (Price/Sales, Price/Earnings, and Market/Book) and two enterprise valuation multiples (EV/Sales and EV/EBITDA). Starting with the 2017 edition, all SICs in Division H: Finance, Insurance, and Real Estate (major groups between "60" and "67") now include four equity valuation multiples (Price/Sales, Price/Earnings, Price/Tangible Book, and Price/Earnings Before Taxes) and one enterprise valuation multiple (EV/EBITDA). This refinement is to provide more commonly used equity based metrics for valuation practitioners analyzing the financial services industry.

2019 Valuation Handbook - U.S. Industry Cost of Capital (data through December 31, 2019); Company and SIC List

In the 2014 and 2015 Valuation Handbook – U.S. Industry Cost of Capital, Appendix C was "Definitions of Standard & Poor's Compustat Data Items Used in Calculations". Starting with the 2016 edition, "Definitions of Standard & Poor's Compustat Data Items Used in Calculations" has been moved to Appendix D.

Starting with the 2018 Valuation Handbook – U.S. Industry Cost of Capital, the methodology for calculating the Large Composite and Small Composite have been updated. In previous editions, for industries that had 10 companies or more, the Large Composite and the Small Composite were identified as either (i) the largest three and the smallest three companies in terms of reported net sales amount (in U.S. dollars) for the most recent fiscal year, or (ii) the largest and smallest 10% (rounded down to the nearest integer), whichever is greater. Starting with this edition, for industries that have 15 companies or more, the Large Composite and the Small Composite are identified as either (i) the largest five and the smallest five companies in terms of reported net sales amount (in U.S. dollars) for the most recent fiscal year, or (ii) the largest and smallest 10% (rounded down to the nearest integer), whichever is greater (see Exhibit 3 for more information). At readers' request, this refinement was added to provide valuation practitioners with more meaningful results for the Large and Small Composites by increasing the sample size.

Introduction

The hardcover 2019 Valuation Handbook – U.S. Industry Cost of Capital is published with data through March 2019, and includes three intra-year Quarterly Updates (June, September, and December 2019), delivered in Adobe PDF format.^{14,15}

The 2019 Valuation Handbook – U.S. Industry Cost of Capital provides cost of capital estimates (i.e., equity capital, debt capital, and WACC) for approximately 170 U.S. industries (identified by Standard Industrial Classification (SIC) code) and size groupings (i.e., Large-, Mid-, Low-, and Micro-capitalization companies), plus detailed statistics for sales, market capitalization, capital structure, various levered and unlevered beta estimates (e.g., ordinary least squares (OLS) beta, sum 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 Valuation Handbook – U.S. 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. 16

The information in the 2019 Valuation Handbook – U.S. Industry Cost of Capital, "Company and SIC List" (this document) is a list of the companies used in the approximate 170 U.S. industry analyses presented in the 2019 Valuation Handbook – U.S. Industry Cost of Capital, Quarterly Update 1 (data through June 2019). As such, the information herein is specific to the 2019 Valuation Handbook – Industry Cost of Capital, Quarterly Update 1 (data through June 2019), and is not applicable to any other book, update, or document.

Company and SIC Lists

The company screening process used for identifying the main set of "healthy" companies used for the analyses presented in the 2019 Valuation Handbook – U.S. Industry Cost of Capital mimics the screening process employed in the Risk Premium Report Study Exhibits that are published in the 2019 Valuation Handbook – U.S. Guide to Cost of Capital.

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 SIC code. The companies identified in this process ("Main Set") are used in the analyses to calculate the "Median", "SIC 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

The Quarterly Updates are now included, and are not sold separately.

The 2019 Valuation Handbook – U.S. Industry Cost of Capital was published with data through March 2019, and also includes June, September, and December (2019) Quarterly Updates.

The 2019 Valuation Handbook – U.S. Guide to Cost of Capital provides key year-end data previously available in (i) the Morningstar/lbbotson SBBI Valuation Yearbook and (ii) the Duff & Phelps Risk Premium Report. The 2019 Valuation Handbook – U.S. Guide to Cost of Capital can be used to develop cost of equity capital estimates for an individual business, business ownership interest, security, or intangible asset.

separately. A list of companies included in the High-Financial-Risk Set analyses is presented in Appendices C and D.

For a detailed discussion of the company set selection process employed in the 2019 Valuation Handbook – U.S. Industry Cost of Capital and its quarterly updates, please refer to the section entitled "Company Screening Process" in that book.

The following appendices are included herein:

Main Set

Appendix A: Companies (Main Set) in Each Industry, by SIC Code

Appendix B: SIC Codes in which Companies (Main Set) are Included

High-Financial-Risk Set

Appendix C: Companies (High-Financial-Risk Set) in Each Industry, by SIC Code

Appendix D: SIC Codes in which Companies (High-Financial-Risk Set) are Included

Standard Industrial Classification (SIC) Definitions

Appendix E: Industry List by SIC Code

Appendix F: Industry List by Industry Name (alphabetical)

Appendix A:

Companies (Main Set) in Each Industry, by SIC Code

Appendix A is a list of the Main Set of companies used to calculate the "Median", "SIC Composite", "Large Composite", and "Small Composite" metrics for each SIC code (data availability allowing) in the 2019 Valuation Handbook – U.S. Industry Cost of Capital (data through December 2019).

SIC 1

Alliance Resource Partners.

L.P.

Ameresco, Inc.

Beazer Homes USA, Inc.

Cabot Oil & Gas Corporation

Callon Petroleum Company Century Communities, Inc.

Ciner Resources LP

Comfort Systems USA, Inc.

Compass Minerals International, Inc.

ConocoPhillips Company

Continental Resources, Inc.

D.R. Horton, Inc.

DCP Midstream, LP

Diamondback Energy, Inc.

EMCOR Group, Inc.

EOG Resources, Inc.

Evolution Petroleum

Corporation

Fluor Corporation

Gold Resource Corporation

Granite Construction

Incorporated

Green Brick Partners, Inc.

Hallador Energy Company

Helmerich & Payne, Inc.

IES Holdings, Inc.

Installed Building Products,

Inc.

KB Home

Lennar Corporation

LGI Homes, Inc

M.D.C. Holdings, Inc.

M/I Homes, Inc.

Martin Marietta Materials,

Inc

MasTec, Inc.

Matrix Service Company

Meritage Homes Corporation MYR Group Inc.

Newmont Corporation

NVR. Inc.

Oasis Petroleum Inc.

Parsley Energy, Inc.

Pioneer Natural Resources

Company

PrimeEnergy Resources

Corporation

Primoris Services Corporation

PulteGroup, Inc. Quanta Services, Inc.

RPC, Inc.

Southern Copper

Corporation

Taylor Morrison Home

Corporation

The Goldfield Corporation

Toll Brothers, Inc.

TRI Pointe Group, Inc.

Tutor Perini Corporation

U.S. Silica Holdings, Inc.

United States Lime &

Minerals, Inc. VOC Energy Trust

William Lyon Homes

SIC 13

Cabot Oil & Gas

Corporation

Callon Petroleum Company

ConocoPhillips Company

Continental Resources, Inc.

DCP Midstream, LP

Diamondback Energy, Inc.

EOG Resources, Inc.

Evolution Petroleum

Corporation

Helmerich & Payne, Inc.

Oasis Petroleum Inc.

Parsley Energy, Inc.

Pioneer Natural Resources

Company

PrimeEnergy Resources

Corporation RPC, Inc.

VOC Energy Trust

SIC 131

Cabot Oil & Gas

Corporation

Callon Petroleum Company

ConocoPhillips Company

Continental Resources, Inc.

DCP Midstream. LP

Diamondback Energy, Inc.

EOG Resources, Inc.

Evolution Petroleum

Corporation

Oasis Petroleum Inc.

Parsley Energy, Inc.

Pioneer Natural Resources

Company

PrimeEnergy Resources

Corporation

VOC Energy Trust

SIC 14

Ciner Resources LP

Compass Minerals International, Inc.

Martin Marietta Materials,

U.S. Silica Holdings, Inc.

United States Lime &

Minerals, Inc.

SIC 15

Beazer Homes USA, Inc.

Century Communities, Inc.

D.R. Horton, Inc.

Green Brick Partners, Inc.

KB Home

Lennar Corporation

LGI Homes, Inc.

M.D.C. Holdings, Inc.

M/I Homes, Inc.

Meritage Homes

Corporation NVR. Inc.

PulteGroup, Inc.

Taylor Morrison Home

Corporation

Toll Brothers, Inc.

TRI Pointe Group, Inc.

William Lyon Homes

SIC 16

Ameresco, Inc.

Fluor Corporation

Granite Construction

Incorporated

MasTec, Inc.

MYR Group Inc.

Primoris Services

Corporation

The Goldfield Corporation

SIC 2

AbbVie Inc.

ACCO Brands Corporation

Air Products and

Chemicals, Inc.

Albemarle Corporation Alexion Pharmaceuticals,

Inc

Altria Group, Inc.

American Vanguard

Corporation

American Woodmark

Corporation

Amgen Inc. ANI Pharmaceuticals, Inc.

Anika Therapeutics, Inc.

Archer-Daniels-Midland

Company

Ashland Global Holdings Inc.

Avery Dennison

Corporation

B&G Foods, Inc.

Balchem Corporation Bassett Furniture

Industries, Incorporated

Baxter International Inc. Biogen Inc.

BioSpecifics Technologies

Corp.

Bio-Techne Corporation Bridgford Foods

Corporation

Bristol-Myers Squibb Company

Brown-Forman Corporation

Builders FirstSource, Inc. Cabot Corporation Cabot Microelectronics Corporation

Campbell Soup Company

Carter's, Inc.
Catalent, Inc.
Cavco Industries, Inc.
Celanese Corporation
CF Industries Holdings, Inc.
Chevron Corporation
Church & Dwight Co., Inc.
Clearwater Paper
Corporation

Coca-Cola Consolidated,

Inc.

Colgate-Palmolive

Company

Columbia Sportswear

Company

Conagra Brands, Inc. Corcept Therapeutics Incorporated

Craft Brew Alliance, Inc.

Crown Crafts, Inc.
Culp, Inc.
CVR Energy, Inc.
Darling Ingredients Inc.
Delek US Holdings, Inc.
Delta Apparel, Inc.
Deluxe Corporation
DiversiFax, Inc.,
Domtar Corporation

DuPont de Nemours, Inc.

Eastman Chemical

Company

Eli Lilly and Company Emergent BioSolutions Inc. Enanta Pharmaceuticals,

Inc.

Ethan Allen Interiors Inc. Ever-Glory International

Group, Inc. Exelixis, Inc.

Exxon Mobil Corporation

Farmer Bros. Co.
Ferro Corporation
Flexible Solutions
International Inc.
Flexsteel Industries, Inc.
Flowers Foods, Inc.
FMC Corporation
FutureFuel Corp.
Gannett Co., Inc.
General Mills, Inc.
G-III Apparel Group, Ltd.

Graphic Packaging Holding Company

Greif, Inc. Guess?, Inc.

H.B. Fuller Company Hanesbrands Inc.

Gilead Sciences, Inc.

Herman Miller, Inc.
Heska Corporation
Hexcel Corporation
HNI Corporation

HollyFrontier Corporation Hooker Furniture Corporation

Hormel Foods Corporation Huntsman Corporation IDEXX Laboratories, Inc. IKONICS Corporation Ingredion Incorporated Innophos Holdings, Inc.

Innospec Inc. Innoviva, Inc. Inter Parfums, Inc. Interface, Inc.

International Flavors & Fragrances Inc.
International Paper
Company

IT Tech Packaging, Inc. J & J Snack Foods Corp. John B. Sanfilippo & Son,

Inc.

John Wiley & Sons, Inc. Kellogg Company Kimball International, Inc. Kimberly-Clark Corporation

Knoll, Inc.

Kraton Corporation Kronos Worldwide, Inc. Lancaster Colony Corporation Landec Corporation Lear Corporation

LifeVantage Corporation Lifeway Foods, Inc. Ligand Pharmaceuticals

Incorporated Louisiana-Pacific Corporation

Luminex Corporation

Mannatech, Incorporated

McCormick & Company,

Incorporated Medifast, Inc.

Mercer International Inc. Merck & Co., Inc.

Meridian Bioscience, Inc. MGP Ingredients, Inc. Mohawk Industries, Inc. Molson Coors Beverage

Company

Products. Inc.

Mondelez International, Inc.

Monster Beverage Corporation Myriad Genetics, Inc. National Beverage Corp. Natural Alternatives International, Inc. Nature's Sunshine Neenah, Inc.
Nektar Therapeutics
Neogen Corporation
NewMarket Corporation
Nova LifeStyle, Inc.
Nu Skin Enterprises, Inc.
Ocean Bio-Chem, Inc.
Olin Corporation

OraSure Technologies, Inc. Oxford Industries, Inc. P. H. Glatfelter Company Packaging Corporation of

America

Patrick Industries, Inc. PBF Energy Inc. PepsiCo, Inc. Pfizer Inc.

Phibro Animal Health

Corporation Phillips 66

Pilgrim's Pride Corporation PPG Industries, Inc. PVH Corp. Quaker Chemical Corporation Quidel Corporation Ralph Lauren Corporation

Regeneron

Pharmaceuticals, Inc. Renewable Energy Group,

Inc.

Repligen Corporation
REX American Resources

Corporation

RPM International Inc. Sanderson Farms, Inc. Scholastic Corporation Schweitzer-Mauduit International, Inc.

Seneca Foods Corporation Sensient Technologies

Corporation

SIGA Technologies, Inc. Sleep Number Corporation Sonoco Products Company

Stepan Company

Supernus Pharmaceuticals,

Inc.

Tempur Sealy International,

Inc.

The Boston Beer Company,

Inc.

The Clorox Company
The Coca-Cola Company

The Estée Lauder Companies Inc.

The Hain Celestial Group,

Inc.

The Hershey Company The J. M. Smucker

Company

The Mosaic Company

The New York Times

Company

The Procter & Gamble

Company

The Scotts Miracle-Gro

Company

The Sherwin-Williams

Company

Tootsie Roll Industries. Inc.

Trecora Resources Trex Company, Inc. Tribune Publishing

Company

Tyson Foods, Inc. Under Armour, Inc.

Unifi, Inc.

UniFirst Corporation

United Therapeutics

Corporation

United-Guardian, Inc.

Universal Forest Products,

USANA Health Sciences,

Inc

Valero Energy Corporation

Valhi. Inc.

Value Line. Inc.

Vertex Pharmaceuticals

Incorporated

Virco Mfg. Corporation

W. R. Grace & Co.

WD-40 Company

Westlake Chemical

Corporation

Westlake Chemical

Partners LP

WestRock Company

Willamette Valley

Vineyards, Inc.

Zoetis Inc.

SIC 20

Archer-Daniels-Midland

Company

B&G Foods. Inc.

Bridgford Foods

Corporation

Brown-Forman Corporation

Campbell Soup Company Coca-Cola Consolidated,

Inc.

Conagra Brands, Inc.

Craft Brew Alliance, Inc.

Darling Ingredients Inc.

Farmer Bros. Co.

Flowers Foods. Inc.

General Mills, Inc.

Hormel Foods Corporation

Ingredion Incorporated

J & J Snack Foods Corp.

John B. Sanfilippo & Son,

Kellogg Company

Lancaster Colony

Corporation

Landec Corporation

Lifeway Foods, Inc.

McCormick & Company,

Incorporated

Medifast. Inc.

MGP Ingredients, Inc.

Molson Coors Beverage

Company

Mondelez International, Inc.

Monster Beverage

Corporation

National Beverage Corp.

PepsiCo, Inc.

Pilgrim's Pride Corporation

Sanderson Farms, Inc.

Seneca Foods Corporation

The Boston Beer Company,

Inc.

The Coca-Cola Company

The Hain Celestial Group,

The Hershey Company

The J. M. Smucker

Company

Tootsie Roll Industries, Inc.

Tyson Foods, Inc.

Willamette Valley

Vineyards, Inc.

SIC 201

Bridgford Foods

Corporation

Hormel Foods Corporation

Pilgrim's Pride Corporation

Sanderson Farms, Inc.

Tyson Foods, Inc.

SIC 203

B&G Foods, Inc.

Lancaster Colony

Corporation

Landec Corporation

Seneca Foods Corporation

The J. M. Smucker

Company

SIC 208

Brown-Forman Corporation Coca-Cola Consolidated,

Craft Brew Alliance. Inc.

MGP Ingredients, Inc.

Molson Coors Beverage

Company

Monster Beverage

Corporation

National Beverage Corp.

PepsiCo, Inc.

The Boston Beer Company,

The Coca-Cola Company

Willamette Valley Vineyards, Inc.

SIC 22

Crown Crafts. Inc.

Culp, Inc.

Interface, Inc.

Mohawk Industries. Inc.

Unifi. Inc.

SIC 23

Carter's, Inc.

Columbia Sportswear

Company

Delta Apparel, Inc.

Ever-Glory International

Group, Inc

G-III Apparel Group, Ltd.

Guess?, Inc.

Hanesbrands Inc.

Oxford Industries, Inc.

PVH Corp.

Ralph Lauren Corporation

Under Armour, Inc.

UniFirst Corporation

SIC 24

American Woodmark

Corporation

Builders FirstSource, Inc.

Cavco Industries. Inc.

Louisiana-Pacific

Corporation

Patrick Industries, Inc.

Trex Company, Inc.

Universal Forest Products, Inc

SIC 25

Bassett Furniture Industries, Incorporated

Ethan Allen Interiors Inc.

Flexsteel Industries. Inc.

Herman Miller, Inc.

HNI Corporation

Hooker Furniture

Corporation Kimball International, Inc.

Knoll, Inc.

Lear Corporation

Nova LifeStyle, Inc.

Sleep Number Corporation Tempur Sealy International,

Virco Mfg. Corporation

SIC 251

Bassett Furniture

Industries, Incorporated Ethan Allen Interiors Inc.

Flexsteel Industries, Inc.

Hooker Furniture Corporation Nova LifeStyle, Inc. Sleep Number Corporation Tempur Sealy International, Inc.

SIC 26

Avery Dennison Corporation Clearwater Paper Corporation

Domtar Corporation

Graphic Packaging Holding

Company Greif, Inc.

International Paper

Company

IT Tech Packaging, Inc. Kimberly-Clark Corporation Mercer International Inc.

Neenah, Inc.

P. H. Glatfelter Company Packaging Corporation of

America

Sonoco Products Company WestRock Company

SIC 262

Domtar Corporation IT Tech Packaging, Inc. Kimberly-Clark Corporation

Neenah, Inc.

P. H. Glatfelter Company

SIC 265

Graphic Packaging Holding Company

Greif, Inc.

Packaging Corporation of

America

Sonoco Products Company WestRock Company

SIC 27

ACCO Brands Corporation

Deluxe Corporation Gannett Co., Inc. John Wiley & Sons, Inc. Scholastic Corporation The New York Times

Company

Tribune Publishing

Company Value Line, Inc.

SIC 28

Inc.

AbbVie Inc.
Air Products and
Chemicals, Inc.
Albemarle Corporation
Alexion Pharmaceuticals,

American Vanguard Corporation Amgen Inc.

ANI Pharmaceuticals, Inc. Anika Therapeutics, Inc. Ashland Global Holdings

Inc.

Balchem Corporation
Baxter International Inc.

Biogen Inc.

BioSpecifics Technologies

Corp.

Bio-Techne Corporation Bristol-Myers Squibb

Company

Cabot Corporation
Cabot Microelectronics

Corporation
Catalent, Inc.

Celanese Corporation CF Industries Holdings, Inc. Church & Dwight Co., Inc. Colgate-Palmolive

Company

Corcept Therapeutics Incorporated DiversiFax, Inc.,

DuPont de Nemours, Inc. Eastman Chemical

Company

Eli Lilly and Company Emergent BioSolutions Inc. Enanta Pharmaceuticals.

Inc.
Exelixis, Inc.
Ferro Corporation
Flexible Solutions
International Inc.
FMC Corporation
FutureFuel Corp.

Gilead Sciences, Inc.
H.B. Fuller Company
Heska Corporation
Hexcel Corporation
Huntsman Corporation
IDEXX Laboratories, Inc.
IKONICS Corporation
Innophos Holdings, Inc.
Innospec Inc.

Innoviva, Inc.
Inter Parfums, Inc.
International Flavors &
Fragrances Inc.
Kraton Corporation
Kronos Worldwide, Inc.
LifeVantage Corporation

Incorporated

Luminex Corporation Mannatech, Incorporated Merck & Co., Inc. Meridian Bioscience, Inc.

Ligand Pharmaceuticals

Natural Alternatives International, Inc. Nature's Sunshine Products, Inc. Nektar Therapeutics Neogen Corporation NewMarket Corporation Nu Skin Enterprises. Inc.

Myriad Genetics, Inc.

OraSure Technologies, Inc.

Pfizer Inc.

Phibro Animal Health Corporation PPG Industries, Inc. Quidel Corporation

Ocean Bio-Chem, Inc.

Olin Corporation

Regeneron

Pharmaceuticals, Inc.
Repligen Corporation
REX American Resources

Corporation

RPM International Inc. Sensient Technologies

Corporation

SIGA Technologies, Inc. Stepan Company

Supernus Pharmaceuticals,

Inc.

The Clorox Company
The Estée Lauder
Companies Inc.
The Mosaic Company
The Scotts Miracle-Gro

Company

The Sherwin-Williams

Company

United Therapeutics Corporation

United-Guardian, Inc. USANA Health Sciences,

Inc. Valhi, Inc.

Vertex Pharmaceuticals

Incorporated
W. R. Grace & Co.
WD-40 Company
Westlake Chemical
Corporation
Westlake Chemical
Partners LP
Zoetis Inc.

SIC 281

Air Products and Chemicals, Inc. DiversiFax, Inc., Flexible Solutions International Inc. Innophos Holdings, Inc. Kronos Worldwide, Inc. Valhi, Inc.

W. R. Grace & Co.

SIC 283

AbbVie Inc.

Alexion Pharmaceuticals,

Inc.

Amgen Inc.

ANI Pharmaceuticals, Inc.

Anika Therapeutics, Inc.

Balchem Corporation

Baxter International Inc.

Biogen Inc.

BioSpecifics Technologies

Corp.

Bio-Techne Corporation

Bristol-Myers Squibb

Company Catalent, Inc.

Corcept Therapeutics

Incorporated

Eli Lilly and Company

Emergent BioSolutions Inc.

Enanta Pharmaceuticals,

Inc.

Exelixis, Inc.

Gilead Sciences, Inc.

Heska Corporation

IDEXX Laboratories, Inc.

Innoviva, Inc.

LifeVantage Corporation

Ligand Pharmaceuticals

Incorporated

Luminex Corporation

Mannatech, Incorporated

Merck & Co., Inc.

Meridian Bioscience, Inc.

Myriad Genetics, Inc.

Natural Alternatives International Inc

Nature's Sunshine

Products, Inc.

Nektar Therapeutics

Neogen Corporation

Nu Skin Enterprises, Inc.

OraSure Technologies, Inc.

Pfizer Inc.

Phibro Animal Health

Corporation

Quidel Corporation

Regeneron

Pharmaceuticals, Inc.

Repligen Corporation

SIGA Technologies, Inc.

Supernus Pharmaceuticals,

Inc.

United Therapeutics

Corporation

United-Guardian, Inc.

USANA Health Sciences,

Inc.

Vertex Pharmaceuticals

Incorporated

Zoetis Inc.

SIC 2834

ANI Pharmaceuticals, Inc.

Balchem Corporation

Baxter International Inc.

BioSpecifics Technologies

Corp

Bristol-Myers Squibb

Company

Corcept Therapeutics

Incorporated

Eli Lilly and Company

Innoviva. Inc.

LifeVantage Corporation

Ligand Pharmaceuticals

Incorporated

Mannatech, Incorporated

Merck & Co., Inc.

Natural Alternatives

International, Inc.

Nature's Sunshine

Products. Inc.

Nektar Therapeutics

Nu Skin Enterprises. Inc.

Pfizer Inc.

Regeneron

Pharmaceuticals, Inc.

Supernus Pharmaceuticals,

Inc.

United Therapeutics

Corporation

United-Guardian, Inc.

USANA Health Sciences,

Inc.

Vertex Pharmaceuticals

Incorporated

Zoetis Inc.

SIC 2835

Heska Corporation

IDEXX Laboratories, Inc.

Luminex Corporation

Myriad Genetics, Inc.

OraSure Technologies, Inc.

Quidel Corporation

SIC 2836

AbbVie Inc.

Alexion Pharmaceuticals,

Inc.

Amgen Inc.

Anika Therapeutics, Inc.

Biogen Inc.

Emergent BioSolutions Inc.

Enanta Pharmaceuticals,

Inc.

Exelixis, Inc.

Gilead Sciences, Inc.

Repligen Corporation

SIGA Technologies, Inc.

SIC 284

Church & Dwight Co., Inc.

Colgate-Palmolive

Company

IKONICS Corporation

Inter Parfums, Inc.

Ocean Bio-Chem, Inc.

The Clorox Company

The Estée Lauder

Companies Inc.

SIC 286

FutureFuel Corp.

NewMarket Corporation

REX American Resources

Corporation

Sensient Technologies

Corporation

Westlake Chemical

Corporation

Westlake Chemical

Partners LP

SIC 287

American Vanguard

Corporation

CF Industries Holdings, Inc.

FMC Corporation

The Mosaic Company

The Scotts Miracle-Gro Company

SIC 29

Chevron Corporation

CVD Energy Inc

CVR Energy, Inc.

Delek US Holdings, Inc.

Exxon Mobil Corporation

HollyFrontier Corporation

PBF Energy Inc.

Phillips 66 Quaker Chemical

Corporation

Renewable Energy Group,

Trecora Resources Valero Energy Corporation

SIC 291

Chevron Corporation

CVR Energy, Inc.
Delek US Holdings, Inc.

Exxon Mobil Corporation

HollyFrontier Corporation

PBF Energy Inc.

Phillips 66 Trecora Resources

Valero Energy Corporation

SIC 3

A. O. Smith Corporation

AAON, Inc. **Bruker Corporation** Donaldson Company, Inc. Abiomed, Inc. Brunswick Corporation Dorman Products, Inc. Acme United Corporation BWX Technologies, Inc. Douglas Dynamics, Inc. **Dover Corporation** Acuity Brands, Inc. Caleres, Inc. ADTRAN, Inc. Callaway Golf Company Dril-Quip, Inc. Ducommun Incorporated Cantel Medical Corp. Advanced Drainage Systems, Inc. Eagle Materials Inc. Carpenter Technology Corporation EchoStar Corporation Advanced Energy Industries, Inc. Caterpillar Inc. Edwards Lifesciences AeroVironment, Inc. Cemtrex, Inc. Corporation Chicago Rivet & Machine AGCO Corporation Electromed, Inc. Alamo Group Inc. Electro-Sensors, Inc. China Automotive Systems, Alian Technology. Inc. Emerson Electric Co. Allied Motion Technologies **Encore Wire Corporation** Ciena Corporation EnerSys CIRCOR International, Inc. Allison Transmission EnPro Industries, Inc. Holdings, Inc. Cirrus Logic, Inc. Entegris, Inc. Altra Industrial Motion Cisco Systems, Inc. Escalade, Incorporated Corp. Clearfield, Inc. ESCO Technologies Inc. American Axle & Coda Octopus Group, Inc. Espey Mfg. & Electronics Manufacturing Holdings, Cognex Corporation Corp Coherent, Inc. FARO Technologies, Inc. American Outdoor Brands Cohu. Inc. Federal Signal Corporation Corporation Colfax Corporation First Solar, Inc. AMETEK, Inc. FLIR Systems, Inc. Amkor Technology, Inc. Columbus McKinnon Corporation Flowserve Corporation **Amphenol Corporation** Commercial Metals FormFactor, Inc. Amtech Systems, Inc. Company Fortinet, Inc. Analog Devices, Inc. Commercial Vehicle Group, Fossil Group, Inc. Apple Inc. Inc. Fox Factory Holding Corp. Applied Materials, Inc. CommScope Holding Franklin Electric Co., Inc. Applied Optoelectronics, Company, Inc. Friedman Industries, CompX International Inc. AptarGroup, Inc. Incorporated Comtech Arista Networks, Inc. Genasys Inc. Telecommunications Corp. Gencor Industries, Inc. Armstrong World **CONMED Corporation** Generac Holdings Inc. Industries, Inc. Continental Building Astec Industries, Inc. General Dynamics Products, Inc. Corporation **Astronics Corporation** General Motors Company Cooper Tire & Rubber AstroNova, Inc. **Gentex Corporation** Company **Atrion Corporation** Gentherm Incorporated Cooper-Standard Holdings Autoliv, Inc. Globus Medical, Inc. Inc. **AVX** Corporation Graco Inc. Core Molding Axcelis Technologies, Inc. Technologies, Inc. **Graham Corporation** Axon Enterprise, Inc. **Griffon Corporation** Cornerstone Building AXT. Inc. Haemonetics Corporation Brands, Inc. Badger Meter, Inc. Corning Incorporated Harley-Davidson, Inc. **Ball Corporation** Crane Co. Harsco Corporation Barnes Group Inc. Crown Holdings, Inc. Hasbro, Inc. Becton, Dickinson and CTS Corporation Haynes International, Inc. Company **Cubic Corporation HEICO Corporation** Belden Inc. **Curtiss-Wright Corporation** Helios Technologies, Inc. Benchmark Electronics, Inc. CVD Equipment Hillenbrand, Inc. Bio-Rad Laboratories, Inc. Corporation Hologic, Inc. **BK Technologies** CyberOptics Corporation Corporation HP Inc.

BorgWarner Inc.

Boston Scientific

Brady Corporation

Briggs & Stratton

Corporation

Corporation

Broadcom Inc.

Daktronics, Inc.

Dana Incorporated

Danaher Corporation

Data I/O Corporation

Digi International Inc.

Diodes Incorporated

Deere & Company

Hubbell Incorporated

Hurco Companies, Inc.

Hyster-Yale Materials

Huntington Ingalls

Industries, Inc.

Handling, Inc.

ICU Medical, Inc.

IDEX Corporation
IEC Electronics Corp.
II-VI Incorporated
Illinois Tool Works Inc.

Illumina, Inc. Inogen, Inc.

Insteel Industries, Inc. Integer Holdings Corporation

Integra LifeSciences
Holdings Corporation
Intel Corporation
inTEST Corporation
IntriCon Corporation
Intuitive Surgical, Inc.
IPG Photonics Corporation
IRadimed Corporation
iRobot Corporation

ITT Inc. Jabil Inc.

John Bean Technologies

Corporation

Johnson Outdoors Inc. Juniper Networks, Inc.

Kadant Inc.
Kaiser Aluminum
Corporation
KEMET Corporation
Kewaunee Scientific
Corporation

Key Tronic Corporation Kimball Electronics, Inc. KLA Corporation

Kulicke and Soffa Industries, Inc.

L3Harris Technologies, Inc. Lakeland Industries, Inc. Lam Research Corporation

LCI Industries

LeMaitre Vascular, Inc. Lennox International Inc. Lifetime Brands, Inc. LightPath Technologies, Inc.

Lincoln Electric Holdings,

Lindsay Corporation Littelfuse, Inc. Lockheed Martin Corporation Lydall, Inc.

Malibu Boats, Inc. Marine Products Corporation Masimo Corporation Materion Corporation

Maxim Integrated

Mercury Systems, Inc. Merit Medical Systems, Inc.

Meritor, Inc.

Products. Inc.

Mesa Laboratories, Inc. Methode Electronics, Inc. Mettler-Toledo International Inc. Microchip Technology Incorporated

Micron Technology, Inc. Miller Industries, Inc. Mitek Systems, Inc. MKS Instruments, Inc. Modine Manufacturing

Company

Monolithic Power Systems,

Inc.
Moog Inc.

Motorcar Parts of America,

Inc.

Movado Group, Inc.
MSA Safety Incorporated
MTS Systems Corporation
Mueller Industries, Inc.
Mueller Water Products,

Inc.

Napco Security Technologies, Inc.

National Presto Industries,

Inc.
Natus Medical
Incorporated
Nautilus, Inc.
NetApp, Inc.
NETGEAR, Inc.
NIKE, Inc.

Nordson Corporation
Northrop Grumman
Corporation
Nucor Corporation
NuVasive, Inc.
NVE Corporation
NVIDIA Corporation
O-I Glass, Inc.
Oil-Dri Corporation of

America

Omega Flex, Inc.
ON Semiconductor
Corporation
OneSpan Inc.
Onto Innovation Inc.
Orthofix Medical Inc.
Oshkosh Corporation

PACCAR Inc Parker-Hannifin Corporation PDF Solutions, Inc. PerkinElmer, Inc. PGT Innovations, Inc. Photronics, Inc. Plantronics, Inc. Plexus Corp. Polaris Inc.

OSI Systems, Inc.

Owens Cornina

Powell Industries, Inc.
Power Integrations, Inc.

Preformed Line Products

Company Pro-Dex, Inc. Proto Labs, Inc. Qorvo, Inc.

QUALCOMM Incorporated
Quanex Building Products

Corporation
Raven Industries. Inc.

Raytheon Company RBC Bearings Incorporated Regal Beloit Corporation

ResMed Inc.

Rexnord Corporation RF Industries, Ltd. Rockwell Automation, Inc. Rocky Brands, Inc. Rogers Corporation Roper Technologies, Inc. Sanmina Corporation Sealed Air Corporation Semtech Corporation Servotronics, Inc. Shiloh Industries, Inc. Sigma Tron International,

Inc.

Silgan Holdings Inc. Silicon Laboratories Inc. Simpson Manufacturing

Co., Inc.

Skechers U.S.A., Inc.
Skyworks Solutions, Inc.
Snap-on Incorporated
Socket Mobile, Inc.
SORL Auto Parts, Inc.
Spartan Motors, Inc.
Spirit AeroSystems
Holdings, Inc.
SPX Corporation

Standard Motor Products,

Inc.

Standex International

Corporation

Stanley Black & Decker, Inc. Steel Dynamics, Inc. Steven Madden, Ltd. Stoneridge, Inc. Strattec Security Corporation Stryker Corporation Sturm, Ruger & Company,

Inc.

SunCoke Energy, Inc.
Synalloy Corporation
Synaptics Incorporated

Tapestry, Inc.
Taylor Devices, Inc.
Teledyne Technologies
Incorporated
Teleflex Incorporated

Tennant Company Teradyne, Inc. **Terex Corporation** Texas Instruments Incorporated Textron Inc.

The Boeing Company The Cooper Companies,

Inc.

The Eastern Company The Goodyear Tire &

Rubber Company The Gorman-Rupp

Company

The Greenbrier Companies,

Inc.

The Middleby Corporation The Timken Company The Toro Company

Thermo Fisher Scientific Inc.

Thermon Group Holdings,

Inc

Thor Industries, Inc.

TransAct Technologies

Incorporated

Tredegar Corporation **TriMas Corporation**

Trimble Inc.

Trinity Industries, Inc. TTM Technologies, Inc.

Tupperware Brands

Corporation

U.S. Concrete, Inc.

Ubiquiti Inc.

UFP Technologies, Inc. Ultra Clean Holdings, Inc.

Ultralife Corporation

United Technologies Corporation

Universal Display Corporation

Universal Electronics Inc. Utah Medical Products, Inc.

Valmont Industries, Inc. Varian Medical Systems,

Inc

Vera Bradley, Inc. Vicor Corporation

VirTra, Inc.

Vishay Intertechnology, Inc. Vishay Precision Group,

Inc

Visteon Corporation Wabash National

Corporation

WABCO Holdings Inc. Wabtec Corporation Waters Corporation

Watts Water Technologies, Inc

West Pharmaceutical

Services

Western Digital Corporation Whirlpool Corporation

Winnebago Industries, Inc. Wolverine World Wide, Inc.

Woodward, Inc.

Worthington Industries, Inc. Xerox Holdings Corporation

Xilinx, Inc. XPEL, Inc. Xylem Inc. ZAGG Inc

Zebra Technologies Corporation

Zimmer Biomet Holdings,

Inc.

SIC 30

Advanced Drainage Systems, Inc. AptarGroup, Inc.

Cooper Tire & Rubber

Company Core Molding

Technologies, Inc.

NIKE, Inc.

Sealed Air Corporation The Goodyear Tire & **Rubber Company Tupperware Brands** Corporation

UFP Technologies, Inc.

West Pharmaceutical

Services

SIC 308

Advanced Drainage Systems, Inc. AptarGroup, Inc. Core Molding Technologies, Inc. Sealed Air Corporation

Tupperware Brands Corporation

UFP Technologies, Inc.

SIC 31

Caleres, Inc. Rocky Brands, Inc. Skechers U.S.A., Inc. Steven Madden, Ltd. Tapestry, Inc.

Vera Bradley, Inc.

Wolverine World Wide, Inc.

SIC 32

Armstrona World Industries, Inc.

Continental Building Products, Inc. Eagle Materials Inc.

O-I Glass, Inc.

Oil-Dri Corporation of

America Owens Corning U.S. Concrete, Inc.

ZAGG Inc

SIC 33

Carpenter Technology

Corporation

Commercial Metals

Company

Encore Wire Corporation

Friedman Industries.

Incorporated

Haynes International, Inc. Insteel Industries, Inc. Kaiser Aluminum Corporation

Materion Corporation Mueller Industries, Inc. Steel Dynamics, Inc. SunCoke Energy, Inc. Synalloy Corporation

SIC 331

Carpenter Technology Corporation Commercial Metals

Company

Friedman Industries,

Incorporated

Haynes International, Inc. Insteel Industries, Inc. Steel Dynamics, Inc. SunCoke Energy, Inc.

Synalloy Corporation

SIC 34

Acme United Corporation

Axon Enterprise, Inc.

Ball Corporation

Chicago Rivet & Machine

CompX International Inc.

Cornerstone Building

Brands, Inc.

Crown Holdings, Inc. **Graham Corporation Griffon Corporation** Helios Technologies, Inc. Lifetime Brands, Inc. Mueller Water Products,

Inc Omega Flex, Inc.

Parker-Hannifin

Corporation PGT Innovations, Inc.

Quanex Building Products

Corporation

Shiloh Industries, Inc. Silgan Holdings Inc.

Simpson Manufacturing

Co., Inc.

Sturm, Ruger & Company,

The Eastern Company

Watts Water Technologies, Inc.

SIC 342

Acme United Corporation CompX International Inc. Lifetime Brands, Inc.

Simpson Manufacturing

Co., Inc.

The Eastern Company

SIC 349

Helios Technologies, Inc. Mueller Water Products,

Omega Flex. Inc. Parker-Hannifin Corporation

Watts Water Technologies,

Inc.

SIC 35

AAON, Inc.

AGCO Corporation

Alamo Group Inc.

Altra Industrial Motion

Corp

Amtech Systems, Inc.

Applied Materials, Inc.

Arista Networks, Inc.

Astec Industries, Inc.

Axcelis Technologies, Inc.

Briggs & Stratton

Corporation

BWX Technologies, Inc.

Cisco Systems, Inc.

Colfax Corporation

Columbus McKinnon

Corporation

CVD Equipment Corporation

Deere & Company

Digi International Inc.

Dover Corporation

Dril-Quip, Inc.

Entegris, Inc.

Fortinet, Inc.

Gencor Industries, Inc.

Graco Inc.

HP Inc.

Hyster-Yale Materials

Handling, Inc.

IDEX Corporation

John Bean Technologies

Corporation

Juniper Networks, Inc.

Kadant Inc.

Kulicke and Soffa

Industries, Inc.

Lam Research Corporation

Lennox International Inc.

Lincoln Electric Holdings,

Inc

Lindsay Corporation

Mitek Systems, Inc.

NetApp, Inc.

NETGEAR, Inc.

Nordson Corporation

PDF Solutions, Inc.

Proto Labs, Inc.

RBC Bearings Incorporated

Rexnord Corporation

Taylor Devices, Inc.

Tennant Company

Terex Corporation The Gorman-Rupp

Company

The Middleby Corporation

The Timken Company

The Toro Company

TransAct Technologies

Incorporated

Western Digital Corporation

Xerox Holdings Corporation

Zebra Technologies

Corporation

SIC 353

Astec Industries, Inc.

Columbus McKinnon

Corporation

Dril-Quip, Inc.

Hyster-Yale Materials

Handling, Inc.

Terex Corporation

SIC 355

Amtech Systems, Inc.

Applied Materials, Inc.

Axcelis Technologies, Inc.

CVD Equipment

Corporation

Entegris, Inc.

Kadant Inc.

Kulicke and Soffa

Industries, Inc.

Lam Research Corporation

PDF Solutions, Inc.

Proto Labs, Inc

SIC 3559

Amtech Systems, Inc.

Applied Materials, Inc.

Axcelis Technologies, Inc.

CVD Equipment Corporation

Entegris, Inc.

Kulicke and Soffa

Industries, Inc.

Lam Research Corporation

PDF Solutions, Inc.

Proto Labs, Inc

SIC 356

Altra Industrial Motion

Corp

Gencor Industries, Inc.

Graco Inc.

Nordson Corporation

RBC Bearings Incorporated

Rexnord Corporation

Taylor Devices, Inc.

The Gorman-Rupp

Company

The Timken Company

SIC 357

Arista Networks, Inc.

Cisco Systems, Inc.

Digi International Inc.

Fortinet, Inc.

HP Inc

Juniper Networks, Inc.

Mitek Systems, Inc.

NetApp, Inc.

NETGEAR, Inc.

TransAct Technologies

Incorporated

Western Digital Corporation

Xerox Holdings Corporation

Zebra Technologies

Corporation

SIC 3577

Fortinet, Inc. Mitek Systems, Inc.

TransAct Technologies

Incorporated

Xerox Holdings Corporation

Zebra Technologies

Corporation

SIC 36

A. O. Smith Corporation

Acuity Brands, Inc.

ADTRAN, Inc.

Advanced Energy

Industries, Inc.

Allied Motion Technologies

Inc Amkor Technology, Inc.

Amphenol Corporation

Analog Devices, Inc. Apple Inc.

Inc.

Applied Optoelectronics,

Astronics Corporation

AVX Corporation

AXT. Inc. Belden Inc.

Benchmark Electronics, Inc.

BK Technologies Corporation

Broadcom Inc.

Ciena Corporation

Cirrus Logic, Inc. Clearfield, Inc.

CommScope Holding Company, Inc.

Comtech

Telecommunications Corp.

CTS Corporation
Diodes Incorporated
EchoStar Corporation

EnerSys

Espey Mfg. & Electronics

Corp.

First Solar, Inc.

Franklin Electric Co., Inc.

Genasys Inc.

Generac Holdings Inc. IEC Electronics Corp. Intel Corporation

IPG Photonics Corporation

Jabil Inc.

KEMET Corporation Key Tronic Corporation Kimball Electronics, Inc.

Littelfuse, Inc. Maxim Integrated Products, Inc.

Mercury Systems, Inc. Methode Electronics, Inc.

Microchip Technology

Incorporated

Micron Technology, Inc.

Monolithic Power Systems, Inc.

Motorcar Parts of America, Inc.

Napco Security Technologies, Inc. NVE Corporation NVIDIA Corporation

ON Semiconductor Corporation OneSpan Inc. Photronics, Inc. Plantronics, Inc. Plexus Corp.

Powell Industries, Inc. Power Integrations, Inc. Preformed Line Products

Company Qorvo, Inc.

QUALCOMM Incorporated Regal Beloit Corporation RF Industries, Ltd. Sanmina Corporation

Semtech Corporation Servotronics, Inc.

SigmaTron International,

Inc.

Silicon Laboratories Inc. Skyworks Solutions, Inc. Socket Mobile, Inc.

Stoneridge, Inc.

Synaptics Incorporated

Texas Instruments Incorporated

Thermon Group Holdings,

Inc.

TTM Technologies, Inc.

Ubiquiti Inc.

Ultra Clean Holdings, Inc. Ultralife Corporation Universal Display Corporation

Universal Electronics Inc. Vicor Corporation

VirTra, Inc.

Vishay Intertechnology, Inc. Vishay Precision Group,

Inc

Whirlpool Corporation Woodward, Inc. Xilinx, Inc.

SIC 362

Allied Motion Technologies

Inc.

Franklin Electric Co., Inc. Generac Holdings Inc. Regal Beloit Corporation Servotronics, Inc. Woodward, Inc.

SIC 3621

Allied Motion Technologies

Inc.

Franklin Electric Co., Inc. Generac Holdings Inc. Regal Beloit Corporation Servotronics, Inc.

SIC 366

ADTRAN, Inc.
Apple Inc.
BK Technologies
Corporation
Ciena Corporation
CommScope Holding
Company, Inc.

Comtech
Telecommunications Corp.
EchoStar Corporation
Napco Security
Technologies, Inc.
OneSpan Inc.
Plantronics, Inc.
Socket Mobile, Inc.
Ubiquiti Inc.

SIC 3663

Apple Inc. BK Technologies Corporation CommScope Holding Company, Inc. Comtech

Telecommunications Corp. EchoStar Corporation Socket Mobile, Inc. Ubiquiti Inc.

SIC 367

Advanced Energy Industries, Inc.

Amkor Technology, Inc. Amphenol Corporation Analog Devices, Inc. Applied Optoelectronics,

Inc.

AVX Corporation AXT, Inc. Belden Inc.

Benchmark Electronics, Inc.

Broadcom Inc.
Cirrus Logic, Inc.
Clearfield, Inc.
CTS Corporation
Diodes Incorporated
Espey Mfg. & Electronics
Corp.

First Solar, Inc.
IEC Electronics Corp.
Intel Corporation

IPG Photonics Corporation

Jabil Inc.

KEMET Corporation Key Tronic Corporation Kimball Electronics, Inc.

Maxim Integrated Products, Inc.

Mercury Systems, Inc. Methode Electronics, Inc. Microchip Technology

Incorporated

Micron Technology, Inc. Monolithic Power Systems,

Inc.

NVE Corporation NVIDIA Corporation ON Semiconductor Corporation Photronics, Inc. Plexus Corp.

Power Integrations, Inc.

Qorvo, Inc. RF Industries, Ltd. Sanmina Corporation Semtech Corporation SigmaTron International,

Inc.

Silicon Laboratories Inc. Skyworks Solutions, Inc.

Stoneridge, Inc.

Synaptics Incorporated Texas Instruments Incorporated

TTM Technologies, Inc.

Ultra Clean Holdings, Inc. Universal Display Corporation Vicor Corporation

Vishay Intertechnology, Inc.

Vishay Precision Group,

Inc. Xilinx, Inc.

SIC 3672

Benchmark Electronics, Inc.

IEC Electronics Corp.

Jabil Inc. Plexus Corp.

Sanmina Corporation SigmaTron International,

Inc.

TTM Technologies, Inc.

SIC 3674

Amkor Technology, Inc. Analog Devices, Inc. Applied Optoelectronics, Inc.

AXT, Inc.
Broadcom Inc.
Cirrus Logic, Inc.
Diodes Incorporated
First Solar, Inc.
Intel Corporation

IPG Photonics Corporation Kimball Electronics, Inc.

Maxim Integrated Products, Inc. Mercury Systems, Inc.

Microchip Technology

Incorporated

Micron Technology, Inc. Monolithic Power Systems,

Inc.

NVE Corporation NVIDIA Corporation ON Semiconductor Corporation Photronics, Inc.

Power Integrations, Inc.

Qorvo, Inc. Semtech Corporation Silicon Laboratories Inc. Skyworks Solutions, Inc. Synaptics Incorporated

Texas Instruments Incorporated

Ultra Clean Holdings, Inc. Universal Display Corporation Xilinx, Inc.

SIC 369

EnerSys

Motorcar Parts of America,

Inc.

Thermon Group Holdings,

Inc.

Ultralife Corporation

VirTra, Inc.

SIC 37

AeroVironment, Inc.

Allison Transmission Holdings, Inc. American Axle & Manufacturing Holdings,

Inc.

Autoliv, Inc. BorgWarner Inc.

China Automotive Systems,

Inc.

Commercial Vehicle Group,

Inc.

Cooper-Standard Holdings

Inc.

Dana Incorporated
Dorman Products, Inc.
Ducommun Incorporated
Federal Signal Corporation
Fox Factory Holding Corp.
General Motors Company
Gentex Corporation
Gentherm Incorporated
Harley-Davidson, Inc.
Huntington Ingalls

Industries, Inc. LCI Industries Lockheed Martin Corporation Malibu Boats, Inc. Marine Products Corporation Meritor, Inc.

Miller Industries, Inc.

Modine Manufacturing Company

PACCAR Inc Polaris Inc.

SORL Auto Parts, Inc. Spartan Motors, Inc. Spirit AeroSystems Holdings, Inc. Strattec Security Corporation Textron Inc.

The Boeing Company
The Greenbrier Companies,

Inc

Thor Industries, Inc. Visteon Corporation Wabash National Corporation

WABCO Holdings Inc. Wabtec Corporation Winnebago Industries, Inc.

XPEL, Inc.

SIC 371

Allison Transmission Holdings, Inc. American Axle & Manufacturing Holdings,

Inc.

Autoliv, Inc. BorgWarner Inc.

China Automotive Systems,

Inc

Commercial Vehicle Group,

Inc.

Cooper-Standard Holdings

Inc

Dana Incorporated Dorman Products, Inc. Federal Signal Corporation General Motors Company Gentex Corporation Gentherm Incorporated

LCI Industries Meritor, Inc.

Miller Industries, Inc.

Modine Manufacturing

Company PACCAR Inc

SORL Auto Parts, Inc. Spartan Motors, Inc. Strattec Security Corporation

Visteon Corporation Wabash National Corporation WABCO Holdings Inc.

WADOO Holdings I

XPEL, Inc.

SIC 3714

Allison Transmission Holdings, Inc. American Axle & Manufacturing Holdings,

Autoliv, Inc.

BorgWarner Inc.

China Automotive Systems,

Inc.

Commercial Vehicle Group,

Inc

Cooper-Standard Holdings

Inc.

Dana Incorporated Dorman Products, Inc. Gentex Corporation Gentherm Incorporated

Meritor, Inc.

Modine Manufacturing

Company

SORL Auto Parts, Inc. Strattec Security Corporation Visteon Corporation WABCO Holdings Inc.

XPEL, Inc.

SIC 38

Abiomed, Inc.

Align Technology, Inc.

Atrion Corporation

Badger Meter, Inc.

Becton, Dickinson and

Company

Bio-Rad Laboratories, Inc.

Boston Scientific

Corporation

Bruker Corporation

Cantel Medical Corp.

Coda Octopus Group, Inc.

Cognex Corporation

Coherent, Inc.

Cohu. Inc.

CONMED Corporation

CyberOptics Corporation

Danaher Corporation

Data I/O Corporation

Edwards Lifesciences

Corporation

Electromed, Inc.

Electro-Sensors, Inc.

FARO Technologies, Inc.

FLIR Systems, Inc.

FormFactor, Inc.

Fossil Group, Inc.

Globus Medical, Inc.

Haemonetics Corporation

Hologic, Inc.

Hurco Companies, Inc.

ICU Medical, Inc.

II-VI Incorporated

Illumina, Inc.

Inogen, Inc.

Integer Holdings

Corporation

Integra LifeSciences

Holdings Corporation

inTEST Corporation

IntriCon Corporation

Intuitive Surgical, Inc.
IRadimed Corporation

induinied oorporation

Kewaunee Scientific

Corporation

KLA Corporation

L3Harris Technologies, Inc.

Lakeland Industries, Inc.

LeMaitre Vascular, Inc. LightPath Technologies,

Inc

Masimo Corporation

Merit Medical Systems, Inc.

Mesa Laboratories, Inc.

Mettler-Toledo

International Inc.

Movado Group, Inc.

MSA Safety Incorporated

MTS Systems Corporation

Natus Medical

Incorporated

NuVasive, Inc.

Onto Innovation Inc.

Orthofix Medical Inc.

OSI Systems, Inc.

PerkinElmer, Inc.

Pro-Dex, Inc.

ResMed Inc.
Roper Technologies, Inc.

Stryker Corporation

Teledyne Technologies

Incorporated

Teleflex Incorporated

Teradyne, Inc.

The Cooper Companies,

Inc

Thermo Fisher Scientific

Inc

Trimble Inc.

Utah Medical Products, Inc.

Varian Medical Systems,

Inc.

Waters Corporation

Zimmer Biomet Holdings,

Inc.

SIC 382

Badger Meter. Inc.

Bio-Rad Laboratories, Inc.

Bruker Corporation

Cognex Corporation

Coherent, Inc.

Cohu, Inc.

CyberOptics Corporation

Data I/O Corporation

Electro-Sensors, Inc.

FARO Technologies, Inc.

FormFactor, Inc.

Hurco Companies, Inc.

II-VI Incorporated

Illumina, Inc.

inTEST Corporation

Kewaunee Scientific

Corporation

KLA Corporation

LightPath Technologies,

Inc.

Mettler-Toledo

International Inc.

MTS Systems Corporation

Onto Innovation Inc.

Teradyne, Inc. Thermo Fisher Scientific

Inc. Trimble Inc.

Waters Corporation

SIC 3825

Cohu. Inc.

Data I/O Corporation

FormFactor, Inc.

inTEST Corporation

Teradyne, Inc.

SIC 3826

Bio-Rad Laboratories. Inc.

Bruker Corporation

Coherent, Inc.

Illumina, Inc.

Mettler-Toledo

International Inc

Thermo Fisher Scientific

Inc.

Waters Corporation

SIC 384

Abiomed, Inc.

Alian Technology, Inc.

Atrion Corporation

Becton, Dickinson and

Company

Boston Scientific

Corporation

Cantel Medical Corp.

CONMED Corporation

Edwards Lifesciences

Corporation

Electromed, Inc.

Globus Medical, Inc.
Haemonetics Corporation

Hologic, Inc.

ICU Medical, Inc.

Inogen, Inc.

Integer Holdings

Corporation

Integra LifeSciences

Holdings Corporation

IntriCon Corporation

Intuitive Surgical, Inc.

IRadimed Corporation

Lakeland Industries, Inc.

LeMaitre Vascular, Inc.

Masimo Corporation

Merit Medical Systems, Inc.

MSA Safety Incorporated Natus Medical

Incorporated

NuVasive, Inc.

Orthofix Medical Inc.
OSI Systems, Inc.

Pro-Dex, Inc.

ResMed Inc.

Stryker Corporation

Teleflex Incorporated
Utah Medical Products, Inc.

Varian Medical Systems,

Zimmer Biomet Holdings,

Inc.

SIC 3841

Abiomed. Inc.

Atrion Corporation

Becton, Dickinson and

Company

Globus Medical, Inc. Haemonetics Corporation ICU Medical, Inc.

IRadimed Corporation
LeMaitre Vascular, Inc.
Merit Medical Systems

Merit Medical Systems, Inc.

NuVasive, Inc. Pro-Dex, Inc.

Teleflex Incorporated

SIC 3842

Edwards Lifesciences Corporation

Integra LifeSciences Holdings Corporation IntriCon Corporation Lakeland Industries, Inc. MSA Safety Incorporated Zimmer Biomet Holdings, Inc.

SIC 3845

CONMED Corporation

Electromed, Inc.
Inogen, Inc.
Integer Holdings
Corporation

Intuitive Surgical, Inc. Masimo Corporation Natus Medical Incorporated ResMed Inc.

Utah Medical Products, Inc. Varian Medical Systems, Inc.

SIC 39

Brady Corporation Callaway Golf Company

Daktronics, Inc.

Escalade, Incorporated

Hasbro, Inc. iRobot Corporation Nautilus, Inc.

SIC 4

Air Transport Services

Group, Inc.

Alaska Air Group, Inc. Alaska Communications Systems Group, Inc. Allegiant Travel Company

ALLETE, Inc.

Alliant Energy Corporation AMC Networks Inc. Ameren Corporation American Airlines Group

Inc.

American Electric Power

Company, Inc.

American States Water

Company

American Water Works Company, Inc.

ArcBest Corporation
Artesian Resources

Corporation AT&T Inc.

Atlas Air Worldwide Holdings, Inc.

Atmos Energy Corporation ATN International, Inc. Avista Corporation Beasley Broadcast Group,

Inc.

Black Hills Corporation C.H. Robinson Worldwide,

Inc.

California Water Service

Group

CenterPoint Energy, Inc.

CenturyLink, Inc.

Charter Communications,

Inc

Chesapeake Utilities

Corporation

CMS Energy Corporation CNX Midstream Partners

LP

Cogent Communications

Holdings, Inc.

Consolidated Edison, Inc. Covanta Holding Corporation

Covenant Transportation

Group, Inc.
CSX Corporation
Delta Air Lines, Inc.
Discovery, Inc.

DISH Network Corporation
Dominion Energy, Inc.
DTE Energy Company
Duke Energy Corporation
Echo Global Logistics, Inc.
Edison International
El Paso Electric Company
Enable Midstream Partners,

LP

Energy Transfer LP
Entergy Corporation
EQM Midstream Partners,

LP

Era Group Inc.
Evergy, Inc.
Eversource Energy
Exelon Corporation
Expedia Group, Inc.
Expeditors International

Expeditors International of Washington, Inc.
FedEx Corporation
Forward Air Corporation
GATX Corporation
Gray Television, Inc.
Hawaiian Electric

Industries, Inc.

Hawaiian Holdings, Inc. Heartland Express, Inc. Hemisphere Media Group,

Inc.

Heritage-Crystal Clean, Inc Holly Energy Partners, L.P.

Hub Group, Inc. IDACORP, Inc. IDT Corporation

Iridium Communications

Inc.

J.B. Hunt Transport Services, Inc. JetBlue Airways Corporation Kansas City Souther

Kansas City Southern Kinder Morgan, Inc. Knight-Swift

Transportation Holdings

Inc

Landstar System, Inc. Magellan Midstream Partners, L.P.

Marten Transport, Ltd.

Matson, Inc. MGE Energy, Inc.

Middlesex Water Company

MPLX LP

MSG Networks Inc.
New Jersey Resources

Corporation

Nexstar Media Group, Inc. NextEra Energy Partners,

LP

NextEra Energy, Inc. NiSource Inc. Norfolk Southern Corporation

Northwest Natural Holding

Company

NorthWestern Corporation

OGE Energy Corp.

Old Dominion Freight Line,

Inc.

ONE Gas, Inc. ONEOK, Inc. Otelco Inc.

P.A.M. Transportation

Services, Inc.

Pattern Energy Group Inc.

PBF Logistics LP
Phillips 66 Partners LP
Pinnacle West Capital

Corporation

PNM Resources, Inc.
Portland General Electric

Company PPL Corporation

Public Service Enterprise Group Incorporated Radiant Logistics, Inc. Republic Services, Inc. RGC Resources, Inc.

Saga Communications, Inc. Saia, Inc. Sempra Energy Shell Midstream Partners, ΙP Shenandoah Telecommunications Company Sinclair Broadcast Group, Sirius XM Holdings Inc. SJW Group SkyWest, Inc. Southwest Airlines Co. Spark Energy, Inc. Spire Inc. Spirit Airlines, Inc. Spok Holdings, Inc. Stericycle, Inc. TEGNA Inc. Telephone and Data Systems, Inc. The AES Corporation The E.W. Scripps Company The Liberty SiriusXM Group The Providence Service Corporation The Southern Company The Williams Companies, The York Water Company T-Mobile US, Inc. Townsquare Media, Inc. **UGI** Corporation Union Pacific Corporation United Airlines Holdings, Inc United Parcel Service, Inc. United States Cellular Corporation **Unitil Corporation** Universal Logistics Holdings, Inc. US Ecology, Inc. USA Truck, Inc. USD Partners LP Verizon Communications Inc ViacomCBS Inc. Vonage Holdings Corp. Waste Management, Inc. WEC Energy Group, Inc. Werner Enterprises, Inc. Westcore Energy Ltd. Western Midstream Partners, LP Xcel Energy Inc. XPO Logistics, Inc.

SIC 42

ArcBest Corporation

Zayo Group Holdings, Inc.

C.H. Robinson Worldwide, Inc. Covenant Transportation

Group, Inc.
Forward Air Corporation

Heartland Express, Inc. J.B. Hunt Transport Services, Inc. Knight-Swift

Transportation Holdings

Inc.

Landstar System, Inc. Marten Transport, Ltd. Old Dominion Freight Line, Inc.

P.A.M. Transportation Services, Inc.

Saia, Inc.

United Parcel Service, Inc. Werner Enterprises, Inc.

SIC 4213

ArcBest Corporation C.H. Robinson Worldwide, Inc.

Covenant Transportation Group, Inc.

Heartland Express, Inc.

J.B. Hunt Transport Services, Inc. Knight-Swift

Transportation Holdings

Inc. Landstar System, Inc.

Marten Transport, Ltd.
Old Dominion Freight Line,
Inc.

P.A.M. Transportation Services, Inc.

Saia, Inc.

Werner Enterprises, Inc.

SIC 45

Alaska Air Group, Inc. Allegiant Travel Company American Airlines Group Inc.

Atlas Air Worldwide Holdings, Inc. Delta Air Lines, Inc. Era Group Inc.

Hawaiian Holdings, Inc. JetBlue Airways

Corporation SkyWest, Inc.

Southwest Airlines Co. Spirit Airlines, Inc. United Airlines Holdings,

Inc.

SIC 451

Alaska Air Group, Inc. Allegiant Travel Company American Airlines Group Inc. Delta Air Lines, Inc. Hawaiian Holdings, Inc. JetBlue Airways Corporation SkyWest, Inc. Southwest Airlines Co. Spirit Airlines, Inc. United Airlines Holdings,

SIC 46

Holly Energy Partners, L.P.
Magellan Midstream
Partners, L.P.
MPLX LP
PBF Logistics LP
Phillips 66 Partners LP
Shell Midstream Partners, L.P.
USD Partners LP

SIC 47

Echo Global Logistics, Inc. Expedia Group, Inc. Expeditors International of Washington, Inc. GATX Corporation Hub Group, Inc. Radiant Logistics, Inc. XPO Logistics, Inc.

SIC 473

Echo Global Logistics, Inc.
Expeditors International of
Washington, Inc.
Hub Group, Inc.
Radiant Logistics, Inc.
XPO Logistics, Inc.

SIC 48

Alaska Communications Systems Group, Inc. AMC Networks Inc. AT&T Inc.

ATN International, Inc. Beasley Broadcast Group,

inc.

CenturyLink, Inc. Charter Communications,

Cogent Communications Holdings, Inc.

Discovery, Inc.

DISH Network Corporation

Gray Television, Inc. Hemisphere Media Group,

inc.

IDT Corporation

Iridium Communications

Inc.

MSG Networks Inc.

Nexstar Media Group, Inc.

Otelco Inc.

Saga Communications, Inc.

Shenandoah

Telecommunications

Company

Sinclair Broadcast Group,

Sirius XM Holdings Inc.

Spok Holdings, Inc.

TEGNA Inc.

Telephone and Data

Systems, Inc.

The E.W. Scripps Company

The Liberty SiriusXM Group

T-Mobile US, Inc.

Townsquare Media, Inc.

United States Cellular

Corporation

Verizon Communications

ViacomCBS Inc.

Vonage Holdings Corp.

Zayo Group Holdings, Inc.

SIC 481

Alaska Communications

Systems Group, Inc.

AT&T Inc.

ATN International, Inc.

CenturyLink, Inc.

Cogent Communications

Holdings, Inc.

IDT Corporation

Otelco Inc.

Shenandoah

Telecommunications

Company

Spok Holdings, Inc.

Telephone and Data

Systems, Inc.

T-Mobile US. Inc.

United States Cellular

Corporation

Verizon Communications

Inc

SIC 4812

AT&T Inc.

ATN International, Inc.

Spok Holdings, Inc.

T-Mobile US, Inc.

United States Cellular

Corporation

SIC 4813

Alaska Communications

Systems Group, Inc.

CenturyLink, Inc.

Cogent Communications

Holdings, Inc.

IDT Corporation

Otelco Inc.

SIC 483

AMC Networks Inc.

Beasley Broadcast Group,

Inc

Gray Television, Inc.

Hemisphere Media Group,

Nexstar Media Group, Inc.

Saga Communications, Inc. Sinclair Broadcast Group,

Sirius XM Holdings Inc.

TEGNA Inc.

The E.W. Scripps Company

The Liberty SiriusXM Group

Townsquare Media, Inc.

SIC 4832

Beasley Broadcast Group,

Saga Communications, Inc.

Sirius XM Holdings Inc.

The Liberty SiriusXM Group Townsquare Media, Inc.

SIC 4833

AMC Networks Inc.

Gray Television, Inc.

Hemisphere Media Group,

Inc.

Nexstar Media Group, Inc.

Sinclair Broadcast Group, Inc

TEGNA Inc.

The E.W. Scripps Company

SIC 49

ALLETE, Inc.

Alliant Energy Corporation

Ameren Corporation

American Electric Power

Company, Inc.

American States Water

Company

American Water Works

Company, Inc.

Artesian Resources

Corporation

Atmos Energy Corporation

Avista Corporation Black Hills Corporation

California Water Service Group

CenterPoint Energy, Inc.

Chesapeake Utilities

Corporation

CMS Energy Corporation

CNX Midstream Partners

LP

Consolidated Edison, Inc.

Covanta Holding

Corporation

Dominion Energy, Inc.

DTE Energy Company

Duke Energy Corporation

Edison International

El Paso Electric Company

Enable Midstream Partners,

Entergy Corporation

EQM Midstream Partners,

Evergy, Inc.

Eversource Energy

Exelon Corporation

Hawaiian Electric Industries, Inc.

Heritage-Crystal Clean, Inc.

IDACORP, Inc.

Kinder Morgan, Inc.

MGE Energy, Inc.

Middlesex Water Company

New Jersey Resources

Corporation

NextEra Energy Partners,

ΙP

NextEra Energy, Inc.

NiSource Inc.

Northwest Natural Holding

Company

NorthWestern Corporation

OGE Energy Corp.

ONE Gas, Inc.

ONEOK, Inc. Pattern Energy Group Inc.

Pinnacle West Capital

Corporation

PNM Resources, Inc.

Portland General Electric

Company **PPL** Corporation

Public Service Enterprise

Group Incorporated

Republic Services, Inc. RGC Resources, Inc.

Sempra Energy

SJW Group

Spark Energy, Inc.

Spire Inc.

Stericycle, Inc. The AES Corporation

The Southern Company

The Williams Companies,

Inc. The York Water Company

UGI Corporation **Unitil Corporation**

US Ecology, Inc. Waste Management, Inc.

WEC Energy Group, Inc.

Westcore Energy Ltd.

Western Midstream Partners, LP

Xcel Energy Inc.

SIC 491

Edison International

El Paso Electric Company

Entergy Corporation

Exelon Corporation

Hawaiian Electric

Industries. Inc.

IDACORP Inc.

NextEra Energy Partners,

NextEra Energy, Inc.

Pinnacle West Capital

Corporation

PNM Resources, Inc.

Portland General Electric

Company

PPL Corporation

The Southern Company

SIC 492

Atmos Energy Corporation

Chesapeake Utilities

Corporation

CNX Midstream Partners LΡ

Enable Midstream Partners,

ΙP

EQM Midstream Partners,

LP

Kinder Morgan, Inc.

New Jersey Resources

Corporation

Northwest Natural Holding

Company

ONE Gas, Inc.

ONEOK, Inc.

RGC Resources, Inc.

Spire Inc.

The Williams Companies,

Western Midstream

Partners, LP

SIC 4922

CNX Midstream Partners

LP

Enable Midstream Partners,

EQM Midstream Partners,

LP

The Williams Companies, Inc.

Western Midstream

Partners, LP

SIC 4924

Atmos Energy Corporation

New Jersey Resources

Corporation

Northwest Natural Holding

Company ONE Gas, Inc. RGC Resources, Inc.

Spire Inc.

SIC 493

ALLETE. Inc.

Alliant Energy Corporation

Ameren Corporation

Avista Corporation

DTE Energy Company

Duke Energy Corporation

Evergy, Inc.

Eversource Energy

NorthWestern Corporation

OGE Energy Corp.

Public Service Enterprise

Group Incorporated

Sempra Energy

Spark Energy, Inc.

UGI Corporation

WEC Energy Group, Inc.

Xcel Energy Inc.

SIC 4931

ALLETE, Inc.

Alliant Energy Corporation

Ameren Corporation

Avista Corporation

DTE Energy Company

Duke Energy Corporation

Evergy, Inc.

Eversource Energy

NorthWestern Corporation

OGE Energy Corp.

Public Service Enterprise

Group Incorporated

Sempra Energy

Spark Energy, Inc.

WEC Energy Group, Inc.

Xcel Energy Inc.

American States Water

Company

American Water Works

Company, Inc.

Artesian Resources

Corporation

California Water Service

Group

Middlesex Water Company

SJW Group

The York Water Company

Westcore Energy Ltd.

SIC 495

Covanta Holding

Corporation

Heritage-Crystal Clean, Inc.

Republic Services, Inc.

Stericycle, Inc.

US Ecology, Inc.

Waste Management, Inc.

SIC 5

1-800-FLOWERS.COM, Inc.

AAR Corp.

Abercrombie & Fitch Co.

Adams Resources &

Energy, Inc.

Advance Auto Parts. Inc.

Amazon.com. Inc. **AMCON Distributing**

Company

American Eagle Outfitters,

AmerisourceBergen

Corporation

Anixter International Inc.

Applied Industrial Technologies, Inc.

Aramark

Ark Restaurants Corp.

Arrow Electronics, Inc.

Asbury Automotive Group,

Inc

AutoNation, Inc.

Avnet, Inc.

Beacon Roofing Supply,

Best Buy Co., Inc.

Big 5 Sporting Goods

Corporation

Big Lots, Inc.

BJ's Restaurants, Inc.

Bloomin' Brands, Inc.

Boise Cascade Company

Boot Barn Holdings, Inc.

Burlington Stores, Inc.

Cardinal Health, Inc. Carrols Restaurant Group,

Casey's General Stores, Inc.

CDW Corporation

Central Garden & Pet

Company

Cheniere Energy Partners,

ΙP

Chico's FAS, Inc.

Chipotle Mexican Grill, Inc.

Chuy's Holdings, Inc.

Citi Trends, Inc. Coffee Holding Co., Inc.

Conn's, Inc.

Copart, Inc. Core-Mark Holding

Company, Inc. Costco Wholesale

Corporation

Cracker Barrel Old Country Store Inc.

CrossAmerica Partners LP CVS Health Corporation

Darden Restaurants, Inc.

Dave & Buster's Entertainment, Inc.

Delek Logistics Partners, Papa John's International, The Kroger Co. The TJX Companies, Inc. Denny's Corporation Patterson Companies, Inc. The Wendy's Company Designer Brands Inc. PC Connection, Inc. Tiffany & Co. DICK'S Sporting Goods, Inc. Penske Automotive Group, Tilly's, Inc. Dillard's. Inc. Inc Tractor Supply Company Dollar General Corporation PetMed Express, Inc. TravelCenters of America Dollar Tree, Inc. Plains All American Inc Ulta Beauty, Inc. Dunkin' Brands Group, Inc. Pipeline, L.P. El Pollo Loco Holdings, Inc. **Pool Corporation Universal Corporation** ePlus inc. Potbelly Corporation Urban Outfitters, Inc. EVI Industries, Inc. Village Super Market, Inc. Prestige Consumer W.W. Grainger, Inc. Express, Inc. Healthcare Inc. EZCORP, Inc. PriceSmart. Inc. Walgreens Boots Alliance, Inc Fastenal Company Qurate Retail Inc Walmart Inc. Fiesta Restaurant Group, RCI Hospitality Holdings, Watsco, Inc. FirstCash, Inc. Red Robin Gourmet Wayside Technology Five Below, Inc. Burgers, Inc. Group, Inc. Reliance Steel & Aluminum Flanigan's Enterprises, Inc. Weis Markets, Inc. Co Foot Locker, Inc. WESCO International, Inc. RH Weyco Group, Inc. Francesca's Holdings Ross Stores, Inc. Williams-Sonoma, Inc. Corporation Rush Enterprises. Inc. GameStop Corp. World Fuel Services Ruth's Hospitality Group, Genesco Inc. Corporation Inc. Genuine Parts Company YUM! Brands, Inc. Ryerson Holding Global Partners LP Zumiez Inc. Corporation Group 1 Automotive, Inc. Sally Beauty Holdings, Inc. SIC 50 ScanSource, Inc. Haverty Furniture Schnitzer Steel Industries, Companies, Inc. AAR Corp. Inc HD Supply Holdings, Inc. Anixter International Inc. Shoe Carnival, Inc. Henry Schein, Inc. Applied Industrial Sonic Automotive. Inc. Hibbett Sports, Inc. Technologies, Inc. SpartanNash Company Arrow Electronics, Inc. Houston Wire & Cable Sportsman's Warehouse Avnet Inc. Company Huttig Building Products, Holdings, Inc. Beacon Roofing Supply, Sprague Resources LP Ingles Markets, Sprouts Farmers Market, Boise Cascade Company Incorporated Inc. **CDW Corporation** Insight Enterprises, Inc. Star Group, L.P. Copart, Inc. Jack in the Box Inc. Starbucks Corporation ePlus inc. Kirkland's, Inc. Suburban Propane EVI Industries, Inc. Kohl's Corporation Partners, L.P. Fastenal Company L Brands, Inc. Sunoco LP Genuine Parts Company Lawson Products, Inc. SYNNEX Corporation HD Supply Holdings, Inc. Lithia Motors, Inc. Sysco Corporation Henry Schein, Inc. LKQ Corporation Systemax Inc. Houston Wire & Cable Lowe's Companies, Inc. Tandy Leather Factory, Inc. Company Macy's, Inc. **Target Corporation** Huttig Building Products, MarineMax, Inc. **Tech Data Corporation** McDonald's Corporation Insight Enterprises, Inc. TESSCO Technologies McKesson Corporation Incorporated Lawson Products, Inc. MSC Industrial Direct Co., Texas Roadhouse, Inc. LKQ Corporation Inc MSC Industrial Direct Co., The Buckle, Inc. Murphy USA Inc. The Cato Corporation Natural Grocers by Vitamin Olympic Steel, Inc. The Cheesecake Factory Cottage, Inc. Patterson Companies, Inc. Incorporated Natural Health Trends **Pool Corporation**

The Chefs' Warehouse, Inc.

The Habit Restaurants, Inc.

The Home Depot, Inc.

The Children's Place, Inc.

The Gap, Inc.

Reliance Steel & Aluminum

Ryerson Holding

ScanSource, Inc.

Corporation

Nordstrom, Inc.

Office Depot, Inc.

Olympic Steel, Inc.

O'Reilly Automotive, Inc.

Schnitzer Steel Industries,

Inc.

SYNNEX Corporation

Systemax Inc.

Tech Data Corporation

TESSCO Technologies

Incorporated

W.W. Grainger, Inc.

Watsco, Inc.

Wayside Technology

Group, Inc.

WESCO International, Inc.

SIC 504

CDW Corporation

ePlus inc.

Henry Schein, Inc.

Insight Enterprises, Inc.

Patterson Companies, Inc.

SYNNEX Corporation

Tech Data Corporation

Wayside Technology

Group, Inc.

SIC 5045

CDW Corporation

ePlus inc.

Insight Enterprises, Inc.

SYNNEX Corporation

Tech Data Corporation

Wayside Technology

Group, Inc.

SIC 506

Anixter International Inc.

Avnet, Inc.

Houston Wire & Cable

Company

TESSCO Technologies

Incorporated

WESCO International, Inc.

SIC 51

Adams Resources &

Energy, Inc.

AMCON Distributing

Company

AmerisourceBergen

Corporation

Cardinal Health, Inc.

Central Garden & Pet

Company

Cheniere Energy Partners, L.P.

Coffee Holding Co., Inc.

Core-Mark Holding

Company, Inc.

CrossAmerica Partners LP Delek Logistics Partners,

LP

Global Partners LP

McKesson Corporation

Natural Health Trends

Corp.

Plains All American

Pipeline, L.P.

Prestige Consumer

Healthcare Inc.

SpartanNash Company

Sprague Resources LP

Sunoco LP

Sysco Corporation

The Chefs' Warehouse, Inc.

Universal Corporation

Weyco Group, Inc.

World Fuel Services

Corporation

SIC 512

AmerisourceBergen

Corporation

Cardinal Health, Inc.

McKesson Corporation

Natural Health Trends

Corp.

Prestige Consumer

Healthcare Inc.

SIC 517

Adams Resources &

Energy, Inc.

Cheniere Energy Partners,

L.P.

CrossAmerica Partners LP Delek Logistics Partners,

LP

Global Partners LP

Plains All American

Pipeline, L.P.

Sprague Resources LP

Sunoco LP

World Fuel Services

Corporation

SIC 53

Big Lots, Inc.

Costco Wholesale

Corporation

Dillard's, Inc.

Dollar General Corporation

Dollar Tree, Inc.

Five Below, Inc.

Kohl's Corporation

Macy's, Inc.

PriceSmart, Inc.

Target Corporation

Walmart Inc.

SIC 533

Big Lots, Inc.

Dollar General Corporation

Dollar Tree, Inc.

Five Below. Inc.

PriceSmart, Inc.

Target Corporation Walmart Inc.

SIC 54

Casey's General Stores, Inc.

Ingles Markets,

Incorporated

Natural Grocers by Vitamin

Cottage, Inc.

Sprouts Farmers Market,

Inc.

The Kroger Co.

Village Super Market, Inc.

Weis Markets, Inc.

SIC 541

Casey's General Stores, Inc.

Ingles Markets,

Incorporated

Sprouts Farmers Market,

Inc.

The Kroger Co.

Village Super Market, Inc.

Weis Markets, Inc.

SIC 5411

Ingles Markets,

Incorporated

Sprouts Farmers Market,

Inc

The Kroger Co.

Village Super Market, Inc.

Weis Markets, Inc.

SIC 55

Advance Auto Parts, Inc.

Asbury Automotive Group,

ASL

Inc.

AutoNation, Inc.

Group 1 Automotive, Inc.

Lithia Motors, Inc.

MarineMax, Inc. Murphy USA Inc.

O'Reilly Automotive, Inc.

Penske Automotive Group,

Rush Enterprises. Inc.

Sonic Automotive. Inc.

TravelCenters of America

SIC 56

Abercrombie & Fitch Co. American Eagle Outfitters,

AIII

IIIC.

Boot Barn Holdings, Inc. Burlington Stores, Inc.

Chico's FAS, Inc.

Citi Trends, Inc.

Designer Brands Inc. Express, Inc.

Foot Locker, Inc. Francesca's Holdings

Corporation

Genesco Inc. L Brands, Inc.

Nordstrom, Inc.

Ross Stores, Inc.

Shoe Carnival, Inc.

The Buckle, Inc. The Cato Corporation

The Children's Place, Inc.

The Gap, Inc.

The TJX Companies, Inc.

Tilly's, Inc.

Urban Outfitters, Inc.

Zumiez Inc.

SIC 565

Abercrombie & Fitch Co.

Citi Trends. Inc.

Nordstrom, Inc.

Ross Stores, Inc.

The Buckle. Inc.

The Gap, Inc.

The TJX Companies, Inc.

Urban Outfitters, Inc.

Zumiez Inc.

SIC 57

Best Buy Co., Inc.

Conn's, Inc.

GameStop Corp.

Haverty Furniture

Companies, Inc.

RH

SIC 58

Aramark

Ark Restaurants Corp.

BJ's Restaurants, Inc.

Bloomin' Brands, Inc.

Carrols Restaurant Group,

Chipotle Mexican Grill, Inc.

Chuy's Holdings, Inc.

Cracker Barrel Old Country

Store, Inc.

Darden Restaurants, Inc.

Dave & Buster's

Entertainment, Inc.

Denny's Corporation

Dunkin' Brands Group, Inc.

El Pollo Loco Holdinas. Inc.

Fiesta Restaurant Group,

Inc.

Flanigan's Enterprises, Inc.

Jack in the Box Inc.

McDonald's Corporation

Papa John's International,

Inc.

Potbelly Corporation

RCI Hospitality Holdings,

Red Robin Gourmet

Burgers, Inc.

Ruth's Hospitality Group,

Inc

Starbucks Corporation

Texas Roadhouse, Inc.

The Cheesecake Factory

Incorporated

The Habit Restaurants, Inc.

The Wendy's Company

YUM! Brands, Inc.

SIC 5812

Aramark

Ark Restaurants Corp.

BJ's Restaurants, Inc.

Bloomin' Brands, Inc.

Carrols Restaurant Group,

Chipotle Mexican Grill. Inc.

Chuy's Holdings, Inc.

Cracker Barrel Old Country

Store Inc.

Darden Restaurants, Inc.

Denny's Corporation

Dunkin' Brands Group, Inc.

El Pollo Loco Holdings, Inc. Fiesta Restaurant Group,

Inc

Flanigan's Enterprises, Inc.

Jack in the Box Inc.

McDonald's Corporation

Papa John's International,

Inc.

Potbelly Corporation

Red Robin Gourmet

Burgers, Inc.

Ruth's Hospitality Group,

Inc.

Starbucks Corporation

Texas Roadhouse, Inc.

The Cheesecake Factory

Incorporated

The Habit Restaurants, Inc.

The Wendy's Company

YUM! Brands. Inc.

SIC 59

1-800-FLOWERS.COM, Inc.

Amazon.com, Inc.

Big 5 Sporting Goods

Corporation

CVS Health Corporation

DICK'S Sporting Goods, Inc.

EZCORP, Inc.

FirstCash, Inc.

Hibbett Sports, Inc.

Kirkland's, Inc.

PC Connection, Inc. PetMed Express, Inc.

Qurate Retail Inc

Sportsman's Warehouse

Holdings, Inc.

Star Group, L.P.

Suburban Propane

Partners, L.P.

Tandy Leather Factory, Inc.

Tiffany & Co.

Ulta Beauty, Inc.

Walgreens Boots Alliance,

Inc

SIC 594

Bia 5 Sportina Goods

Corporation

DICK'S Sporting Goods, Inc.

Hibbett Sports, Inc.

Sportsman's Warehouse

Holdings, Inc.

Tiffany & Co.

SIC 6

1347 Property Insurance

Holdinas. Inc.

1st Constitution Bancorp

1st Source Corporation

Acadia Realty Trust **ACNB** Corporation

Affiliated Managers Group,

Inc.

Aflac Incorporated

Agree Realty Corporation

Alcentra Capital

Corporation Alerus Financial

Corporation

Alexander's, Inc.

Alexandria Real Estate

Equities, Inc.

Alleghany Corporation AllianceBernstein Holding

Ally Financial Inc.

America First Multifamily

Investors, L.P.

American Assets Trust. Inc.

American Campus Communities, Inc.

American Equity

Investment Life Holding Company

American Express Company

American Financial Group,

American International

Group, Inc

American National Bankshares Inc.

American National Insurance Company

American Realty Investors,

American River Bankshares

American Tower Corporation (REIT)

Ameriprise Financial, Inc.

Ameris Bancorp Amerisafe, Inc.

AmeriServ Financial, Inc.
Ames National Corporation

Annaly Capital Management, Inc. Anthem, Inc.

Anworth Mortgage Asset

Corporation

Apartment Investment and Management Company Apollo Commercial Real Estate Finance. Inc.

Apollo Global Management,

Inc.

Apollo Investment Corporation

Arbor Realty Trust, Inc. Ares Capital Corporation Ares Commercial Real Estate Corporation Ares Management Corporation

Armada Hoffler Properties,

Inc.

Arrow Financial Corporation

Arthur J. Gallagher & Co. Artisan Partners Asset Management Inc. Associated Banc-Corp

Assurant, Inc. Asta Funding, Inc. Atlantic American Corporation

Atlantic Union Bankshares

Corporation
Auburn National
Bancorporation, Inc.
AvalonBay Communities,
Inc.

Axos Financial, Inc.
Banc of California, Inc.
BancFirst Corporation
BancorpSouth Bank
Bank First Corporation
Bank of America
Corporation

Holdings

Bank of Hawaii Corporation Bank of Marin Bancorp Bank of South Carolina

Corporation

Bank of the James
Financial Group, Inc.

Bank of Commerce

Bank OZK

BankFinancial Corporation

BankUnited, Inc.

Bankwell Financial Group,

Inc.

Banner Corporation Bar Harbor Bankshares BayCom Corp

BBX Capital Corporation BCB Bancorp, Inc. Berkshire Hills Bancorp,

Inc.

BGC Partners, Inc. BlackRock Capital Investment Corporation BlackRock TCP Capital

Corp.

BlackRock, Inc.

Blackstone Mortgage Trust,

Inc.

BOK Financial Corporation Boston Private Financial

Holdings, Inc.

Boston Properties, Inc. BP Prudhoe Bay Royalty

Trust

Braemar Hotels & Resorts,

Inc.

Brandywine Realty Trust Bridge Bancorp, Inc. BrightSphere Investment

Group Inc.

Brixmor Property Group

Inc.

Broadway Financial Corporation

Brookline Bancorp, Inc. Brown & Brown, Inc. BRT Apartments Corp. Bryn Mawr Bank Corporation

C&F Financial Corporation Cambridge Bancorp Camden National Corporation

Camden Property Trust Capital City Bank Group,

Inc.

Capital One Financial Corporation Capital Southwest Corporation

CareTrust REIT, Inc.

Capitol Federal Financial,

nc

Carolina Financial
Corporation
Carter Bank & Trust
Cathay General Bancorp
CB Financial Services, Inc.
CBRE Group, Inc.
Centene Corporation
CenterState Bank

Central Federal Corporation Central Pacific Financial

Corp.

Central Valley Community

Bancorp

Century Bancorp, Inc.

CEVA, Inc.

Corporation

Chatham Lodging Trust

Chemung Financial Corporation

China HGS Real Estate Inc.

Cigna Corporation
Cincinnati Financial
Corporation
CIT Group Inc.
Citigroup Inc.
Citizens & Northern
Corporation

Citizens Community Bancorp, Inc.

Citizens Financial Group,

Inc.

Citizens Holding Company City Holding Company City Office REIT, Inc. Civista Bancshares, Inc. CME Group Inc.

CNA Financial Corporation CNB Financial Corporation CNO Financial Group, Inc. Codorus Valley Bancorp,

Inc.

Cohen & Steers, Inc. Colony Bankcorp, Inc. Columbia Banking System,

inc.

Columbia Property Trust,

Inc.

Comerica Incorporated Commerce Bancshares,

Inc.

Community Bank System,

Inc.

Community Bankers Trust

Corporation

Community Trust Bancorp,

Inc.

Community West Bancshares

ConnectOne Bancorp, Inc. Consolidated-Tomoka

Land Co. CoreCivic, Inc.

CorEnergy Infrastructure

Trust, Inc.
CoreSite Realty
Corporation

Corporate Office Properties

Trust

Cortland Bancorp
CorVel Corporation
Cousins Properties
Incorporated
Cowen Inc.

Crawford & Company
Credit Acceptance
Corporation

Cross Timbers Royalty

Trust

Crown Castle International

Corp. (REIT) CubeSmart Cullen/Frost Bankers, Inc. Customers Bancorp, Inc. CVB Financial Corp. Diamond Hill Investment

Group, Inc.

DiamondRock Hospitality

Company

Digital Realty Trust, Inc.
Dime Community
Bancshares, Inc.

Discover Financial Services Diversified Healthcare

Trust

Dolby Laboratories, Inc.
Donegal Group Inc.
Dorchester Minerals, L.P.
Douglas Emmett, Inc.
Duke Realty Corporation
E*TRADE Financial
Corporation
Eagle Bancorp, Inc.

East West Bancorp, Inc.
EastGroup Properties, Inc.
Eaton Vance Corp.
Elmira Savings Bank
Emclaire Financial Corp
Empire State Realty Trust,

Inc.

Employers Holdings, Inc. Encore Capital Group, Inc. Enova International, Inc. Enterprise Bancorp, Inc. Enterprise Financial

Enterprise Financial Services Corp EPR Properties Equinix, Inc. (REIT) Equity Commonwealth Equity LifeStyle Properties,

Inc.

Equity Residential
Erie Indemnity Company
ESSA Bancorp, Inc.
Essex Property Trust, Inc.
Euronet Worldwide, Inc.
Evans Bancorp, Inc.
Evercore Inc.

Extra Space Storage Inc. F.N.B. Corporation Farmers & Merchants Bancorp, Inc.

Farmers National Banc

Corp.

Farmland Partners Inc. Fauquier Bankshares, Inc. FBL Financial Group, Inc.

Federal Agricultural Mortgage Corporation Federal Realty Investment

Trust

FedNat Holding Company Fidelity D & D Bancorp, Inc. Fidelity National Financial, Inc. Fidus Investment Corporation Fifth Third Bancorp Financial Institutions, Inc. First American Financial

Corporation First Bancorp First BanCorp. First Bank

First Busey Corporation First Business Financial

Services, Inc. First Capital, Inc.

First Citizens BancShares,

Inc.

First Commonwealth Financial Corporation First Community Bankshares, Inc. First Community Corporation

First Defiance Financial Corp.
First Financial Bancorp.

First Financial Bankshares,

Inc.

First Financial Corporation First Financial Northwest,

Inc

First Foundation Inc. First Guaranty Bancshares,

Inc.

First Horizon National

Corporation

First Industrial Realty Trust,

Inc.

First Internet Bancorp First Interstate BancSystem, Inc. First Merchants Corporation

First Mid Bancshares, Inc. First Midwest Bancorp, Inc. First National Corporation First Republic Bank First Savings Financial

Group, Inc.

First United Corporation
First US Bancshares, Inc.
Flagstar Bancorp, Inc.
Flushing Financial
Corporation
FNCB Bancorp, Inc.

nc.

Franklin Financial Services

Franklin Financial Network,

Corporation

Franklin Resources, Inc. Franklin Street Properties

Corp.

FS Bancorp, Inc. FS KKR Capital Corp. FSB Bancorp, Inc. Fulton Financial Corporation FVCBankcorp, Inc.

GAIN Capital Holdings, Inc. GAMCO Investors, Inc. Gaming and Leisure Properties, Inc. Garrison Capital Inc.

German American Bancorp,

Inc.

Getty Realty Corp. Glacier Bancorp, Inc. Gladstone Capital Corporation

Gladstone Investment Corporation Gladstone Land Corporation Glen Burnie Bancorp Globe Life Inc.

Golub Capital BDC, Inc. Great Southern Bancorp,

Inc.

Great Western Bancorp,

Inc.

Greene County Bancorp,

Inc.

Greenhill & Co., Inc.

Griffin Industrial Realty, Inc.

Guaranty Federal Bancshares, Inc. Hallmark Financial Services, Inc. Hancock Whitney Corporation Hanmi Financial Corporation

Hannon Armstrong Sustainable Infrastructure

Capital, Inc.

Harvest Capital Credit

Corporation

Hawthorn Bancshares, Inc.

HCI Group, Inc. Health Insurance Innovations, Inc.

Healthcare Realty Trust

Incorporated

Healthcare Trust of America, Inc.

Healthpeak Properties, Inc. Heartland Financial USA,

Inc.

Hennessy Advisors, Inc. Hercules Capital, Inc. Heritage Commerce Corp Heritage Financial Corporation

Heritage Insurance Holdings, Inc.

Hersha Hospitality Trust Highwoods Properties, Inc. Hilltop Holdings Inc. Hingham Institution for Savings

HMN Financial, Inc. HMS Holdings Corp. Home Bancorp, Inc.

Home Bancshares, Inc.

(Conway, AR)

Home Federal Bancorp, Inc.

of Louisiana HomeStreet, Inc. HomeTrust Bancshares, Inc.

Hope Bancorp, Inc. Horace Mann Educators

Corporation

Horizon Bancorp, Inc.
Horizon Technology
Finance Corporation
Host Hotels & Resorts, Inc.
Howard Bancorp, Inc.
Hudson Pacific Properties,

Inc.

Humana Inc.

Huntington Bancshares

Incorporated

IBERIABANK Corporation

IF Bancorp, Inc.

Impac Mortgage Holdings,

Inc.

Income Opportunity Realty

Investors, Inc.

Independence Holding

Company

Independence Realty Trust,

Inc.

Independent Bank Corp. Independent Bank

Corporation

Independent Bank Group,

Inc.

Interactive Brokers Group,

Inc.

Intercontinental Exchange,

Inc.

InterDigital, Inc.

International Bancshares

Corporation

Invesco Mortgage Capital

Inc. Investar Holding Corporation

Investorp Credit
Management BDC, Inc.
Investors Bancorp, Inc.
Investors Title Company

Iron Mountain Incorporated

J.W. Mays, Inc. Jones Lang LaSalle Incorporated

JPMorgan Chase & Co. Kearny Financial Corp. Kemper Corporation Kennedy-Wilson Holdings,

Inc.

Kentucky First Federal

Bancorp KeyCorp

Kilroy Realty Corporation Kimco Realty Corporation Kingstone Companies, Inc.

KKR & Co. Inc.
Ladder Capital Corp
Lake Shore Bancorp, Inc.
Lakeland Bancorp, Inc.
Lakeland Financial
Corporation
Lamar Advertising
Company (REIT)

Landmark Bancorp, Inc. Landmark Infrastructure

Partners LP LCNB Corp. Legg Mason, Inc. LendingTree, Inc. Lexington Realty Trust Liberty Property Trust Life Storage, Inc. Lincoln National

Corporation Lisi S.A.

Loews Corporation
LPL Financial Holdings Inc.
LTC Properties, Inc.
M&T Bank Corporation

Macatawa Bank Corporation Mack-Cali Realty Corporation

Mackinac Financial Corporation

Magyar Bancorp, Inc. Main Street Capital Corporation

Malvern Bancorp, Inc. Manhattan Bridge Capital,

nc.

Manning & Napier, Inc. Marcus & Millichap, Inc. MarketAxess Holdings Inc.

Marlin Business Services Corp.

Marsh & McLennan Companies, Inc. Mastercard Incorporated Medallion Financial Corp.

Medical Properties Trust, Inc.

Mercantile Bank Corporation Mercury General Corporation

Meridian Bancorp, Inc. Mesa Royalty Trust Mesabi Trust

Meta Financial Group, Inc. MetLife, Inc. MFA Financial. Inc. MGIC Investment Corporation

Mid Penn Bancorp, Inc.
Mid-America Apartment
Communities, Inc.
Middlefield Banc Corp.
MidWestOne Financial

Group, Inc.

Moelis & Company
Molina Healthcare, Inc.
Monmouth Real Estate
Investment Corporation
Monroe Capital Corporation

Morgan Stanley Mr. Cooper Group Inc.

MSCI Inc.

MutualFirst Financial, Inc. MVB Financial Corp. National Bank Holdings Corporation

National Bankshares. Inc.

National General Holdings

Corp.

National Health Investors,

Inc.

National Retail Properties,

nc.

National Western Life

Group, Inc.

NBT Bancorp Inc.

Nelnet. Inc.

Network-1 Technologies,

Inc.

New Mountain Finance

Corporation
New Residential
Investment Corp.
New York Community
Bancorp, Inc.

Newtek Business Services

Corp.

Nicolet Bankshares, Inc. NMI Holdings, Inc.

North European Oil Royalty

Trust

Northeast Bank

Northern Trust Corporation Northfield Bancorp, Inc. (Staten Island, NY) Northrim BanCorp, Inc. Northwest Bancshares, Inc. Norwood Financial Corp. Oak Valley Bancorp Oaktree Strategic Income

Corporation

OceanFirst Financial Corp. Oconee Federal Financial

Corp.
OFG Bancorp

OFS Capital Corporation
Ohio Valley Banc Corp.
Old National Bancorp

Old Point Financial Salisbury Bancorp, Inc. Premier Financial Bancorp, Corporation San Juan Basin Royalty Inc. Trust Old Republic International Primerica, Inc. Corporation Sandy Spring Bancorp, Inc. Principal Financial Group, Old Second Bancorp, Inc. Santander Consumer USA **ProAssurance Corporation** Holdinas Inc. Omega Healthcare Prologis, Inc. Saul Centers, Inc. Investors. Inc. **Prospect Capital** One Liberty Properties, Inc. SB Financial Group, Inc. Corporation OneMain Holdings, Inc. SB One Bancorp Prosperity Bancshares, Inc. Oppenheimer Holdings Inc. Seacoast Banking Protective Insurance Corp OptimumBank Holdings, Corporation of Florida Inc Provident Financial Security National Financial Opus Bank Holdings, Inc. Corporation Orrstown Financial Provident Financial SEI Investments Company Services, Inc. Services, Inc. Select Bancorp, Inc. Ottawa Bancorp, Inc. Prudential Bancorp, Inc. Selective Insurance Group. Outfront Media Inc. Prudential Financial, Inc Oxford Lane Capital Corp. PS Business Parks, Inc. Service Properties Trust Oxford Square Capital Public Storage ServisFirst Bancshares, Inc. Corp. Pzena Investment Severn Bancorp. Inc. Pacific Mercantile Bancorp Management, Inc Shore Bancshares, Inc. Pacific Premier Bancorp, QCR Holdings, Inc. Sierra Bancorp QTS Realty Trust, Inc. PacWest Bancorp Signature Bank Radian Group Inc. Silvercrest Asset Paramount Group, Inc. Rambus Inc. Management Group Inc. Park National Corporation Rand Capital Corporation Simmons First National Parke Bancorp, Inc. Raymond James Financial, Corporation Pathfinder Bancorp, Inc. Inc. Patriot National Bancorp, Simon Property Group, Inc. Rayonier Inc. Inc SL Green Realty Corp. RE/MAX Holdings, Inc. PB Bancorp, Inc. **SLM Corporation** Realogy Holdings Corp. PCB Bancorp Solar Capital Ltd. Realty Income Corporation Peapack-Gladstone Solar Senior Capital Ltd. Regency Centers Financial Corporation Sound Financial Bancorp, Corporation Pebblebrook Hotel Trust Regional Management South State Corporation PennantPark Floating Rate Corp. Southern First Bancshares, Capital Ltd. Regions Financial PennantPark Investment Corporation Southern Missouri Corporation Reinsurance Group of Bancorp, Inc. Penns Woods Bancorp, Inc. America, Incorporated **Renasant Corporation** Southern National Bancorp PennyMac Financial of Virginia, Inc. Services, Inc. Republic Bancorp, Inc. Southside Bancshares, Inc. Republic First Bancorp, Inc. PennyMac Mortgage Southwest Georgia Investment Trust Retail Opportunity **Financial Corporation** Peoples Bancorp Inc. Investments Corp. Spirit Realty Capital, Inc. Peoples Bancorp of North Retail Properties of STAG Industrial, Inc. Carolina, Inc. America, Inc. Starwood Property Trust, Rexford Industrial Realty, Peoples Financial Services Inc Corp Riverview Bancorp, Inc. People's United Financial, State Auto Financial Riverview Financial Corporation Inc. Corporation Permian Basin Royalty State Street Corporation Trust RLI Corp. Stellus Capital Investment **RLJ Lodging Trust** Physicians Realty Trust Corporation Royal Gold, Inc. Piedmont Office Realty Stewart Information Trust, Inc. **RPT Realty** Services Corporation Pinnacle Financial Partners, Ryman Hospitality Stifel Financial Corp. Inc Properties, Inc. Stock Yards Bancorp, Inc.

S&T Bancorp, Inc.

Inc.

Sabine Royalty Trust

Sabra Health Care REIT,

Safety Insurance Group,

StoneCastle Financial Corp.

STORE Capital Corporation

Summit Financial Group,

Summit Hotel Properties,

Inc

Piper Sandler Companies

Plumas Bancorp

PRA Group, Inc.

Preferred Bank

Popular, Inc.

Summit State Bank Sun Communities, Inc. Sunstone Hotel Investors,

Inc.

SVB Financial Group Synchrony Financial Synovus Financial Corp. T. Rowe Price Group, Inc.

Tanger Factory Outlet

Centers, Inc.

Taubman Centers, Inc. TC PipeLines, LP

TCF Financial Corporation
TD Ameritrade Holding

Corporation

Terreno Realty Corporation Territorial Bancorp Inc. Texas Capital Bancshares,

Inc.

Texas Pacific Land Trust TFS Financial Corporation The Allstate Corporation The Bancorp, Inc. The Bank of New York Mellon Corporation The Blackstone Group Inc. The Carlyle Group Inc.

The Charles Schwab

Corporation

The Community Financial

Corporation

The First Bancorp, Inc.
The First Bancshares, Inc.
The First of Long Island

Corporation

The GEO Group, Inc.

The Goldman Sachs Group,

Inc.

The Hanover Insurance

Group, Inc.

The Hartford Financial Services Group, Inc. The Howard Hughes

Corporation

The Macerich Company
The National Security

Group, Inc.

The PNC Financial Services

Group, Inc. The Progressive Corporation

The Travelers Companies,

Inc.

The Western Union

Company THL Credit, Inc.

Timberland Bancorp, Inc.

Tiptree Inc.

Tompkins Financial Corporation TowneBank

TPG Specialty Lending, Inc.

Transcontinental Realty

Investors, Inc. TriCo Bancshares

TriplePoint Venture Growth

BDC Corp.

Triple-S Management

Corporation

TriState Capital Holdings,

Inc

Triumph Bancorp, Inc. Truist Financial Corporation

TrustCo Bank Corp NY
Trustmark Corporation

U.S. Bancorp UDR, Inc.

UMB Financial Corporation

Umpqua Holdings Corporation

Union Bankshares, Inc.
United Bancorp, Inc.
United Bancshares, Inc.
United Bankshares, Inc.
United Community Banks,

Inc.

United Community Financial Corp. United Fire Group, Inc. United Insurance Holdings

Corp.

United Security Bancshares

UnitedHealth Group Incorporated Unity Bancorp, Inc. Universal Health Realty

Income Trust

Universal Insurance Holdings, Inc. Univest Financial Corporation Unum Group

Urstadt Biddle Properties

Inc.

Valley National Bancorp

Ventas, Inc. Verisk Analytics, Inc. Veritex Holdings, Inc. Village Bank and Trust Financial Corp.

Viper Energy Partners LP Virtus Investment Partners,

Inc. Visa Inc.

Vornado Realty Trust Voya Financial, Inc. W. P. Carey Inc.

W. R. Berkley Corporation Waddell & Reed Financial,

Inc.

Walker & Dunlop, Inc. Washington Federal, Inc. Washington Real Estate Investment Trust Washington Trust Bancorp,

Inc.

Waterstone Financial, Inc. Webster Financial Corporation Weingarten Realty

Investors

WellCare Health Plans, Inc. Wellesley Bancorp, Inc. Wells Fargo & Company

Welltower Inc. WesBanco, Inc.

West Bancorporation, Inc.

Westamerica
Bancorporation
Western Alliance
Bancorporation
Western New England

Bancorp, Inc.

Westwood Holdings Group,

Inc.

WhiteHorse Finance, Inc. Whitestone REIT Winmark Corporation Wintrust Financial Corporation

WisdomTree Investments,

Inc.

World Acceptance Corporation WSFS Financial Corporation WVS Financial Corp. Wyndham Destinations,

Inc

Zions Bancorporation, National Association

SIC 60

1st Constitution Bancorp 1st Source Corporation ACNB Corporation Alerus Financial Corporation American National Bankshares Inc.

American River Bankshares

Ameris Bancorp

AmeriServ Financial, Inc. Ames National Corporation Arrow Financial

Arrow Financi Corporation

Associated Banc-Corp Atlantic Union Bankshares

Corporation
Auburn National
Bancorporation, Inc.
Axos Financial, Inc.
Banc of California, Inc.
BancFirst Corporation
BancorpSouth Bank
Bank First Corporation
Bank of America
Corporation

Bank of Commerce

Holdinas

Bank of Hawaii Corporation Bank of Marin Bancorp Bank of South Carolina

Corporation

Bank of the James Financial Group, Inc.

BankFinancial Corporation

BankUnited, Inc.

Bankwell Financial Group,

Banner Corporation Bar Harbor Bankshares

BayCom Corp

BBX Capital Corporation BCB Bancorp, Inc. Berkshire Hills Bancorp,

Inc.

BOK Financial Corporation Boston Private Financial

Holdings, Inc. Bridge Bancorp, Inc. **Broadway Financial** Corporation

Brookline Bancorp, Inc. Bryn Mawr Bank Corporation

C&F Financial Corporation Cambridge Bancorp Camden National Corporation

Capital City Bank Group,

Capitol Federal Financial,

Inc

Carolina Financial Corporation Carter Bank & Trust Cathay General Bancorp CB Financial Services, Inc.

CenterState Bank Corporation

Central Federal Corporation Central Pacific Financial

Central Valley Community

Bancorp

Century Bancorp, Inc. Chemung Financial Corporation CIT Group Inc. Citizens & Northern

Corporation Citizens Community

Bancorp, Inc. Citizens Financial Group,

Citizens Holding Company City Holding Company Civista Bancshares, Inc. **CNB Financial Corporation**

Codorus Valley Bancorp, Inc

Colony Bankcorp, Inc. Columbia Banking System,

Inc

Comerica Incorporated Commerce Bancshares,

Community Bank System,

Community Bankers Trust

Corporation

Community Trust Bancorp,

Inc

Community West Bancshares

ConnectOne Bancorp, Inc.

Cortland Bancorp

Cullen/Frost Bankers, Inc. Customers Bancorp, Inc. CVB Financial Corp. Dime Community Bancshares, Inc. Eagle Bancorp, Inc. East West Bancorp, Inc. Elmira Savings Bank

Emclaire Financial Corp Enterprise Bancorp, Inc. Enterprise Financial Services Corp ESSA Bancorp, Inc. Euronet Worldwide, Inc. Evans Bancorp, Inc. F.N.B. Corporation Farmers & Merchants Bancorp, Inc.

Farmers National Banc

Fauquier Bankshares, Inc. Fidelity D & D Bancorp, Inc.

Fifth Third Bancorp Financial Institutions, Inc.

First Bancorp First BanCorp. First Bank

First Busey Corporation First Business Financial

Services, Inc. First Capital, Inc.

First Citizens BancShares,

First Commonwealth **Financial Corporation** First Community Bankshares, Inc.

First Community Corporation First Defiance Financial

Corp. First Financial Bancorp.

First Financial Bankshares,

Inc.

First Financial Corporation First Financial Northwest,

First Foundation Inc.

First Guaranty Bancshares,

First Horizon National

Corporation

First Internet Bancorp First Interstate BancSystem, Inc. First Merchants Corporation

First Mid Bancshares, Inc. First Midwest Bancorp, Inc. First National Corporation First Republic Bank First Savings Financial

Group, Inc.

First United Corporation First US Bancshares, Inc. Flagstar Bancorp, Inc. Flushing Financial Corporation FNCB Bancorp, Inc. Franklin Financial Network.

Franklin Financial Services

Corporation FS Bancorp, Inc. FSB Bancorp, Inc. Fulton Financial Corporation FVCBankcorp, Inc.

German American Bancorp,

Glacier Bancorp, Inc. Glen Burnie Bancorp Great Southern Bancorp,

Great Western Bancorp,

Greene County Bancorp,

Inc.

Guaranty Federal Bancshares, Inc. Hancock Whitney Corporation Hanmi Financial Corporation

Hawthorn Bancshares, Inc. Heartland Financial USA,

Heritage Commerce Corp Heritage Financial Corporation

Hingham Institution for

Savings

HMN Financial, Inc. Home Bancorp, Inc. Home Bancshares, Inc. (Conway, AR)

Home Federal Bancorp, Inc.

of Louisiana HomeStreet, Inc. HomeTrust Bancshares,

Inc.

Hope Bancorp, Inc. Horizon Bancorp, Inc. Howard Bancorp, Inc. **Huntington Bancshares**

IBERIABANK Corporation

IF Bancorp, Inc.

Independent Bank Corp. Independent Bank

Corporation

Independent Bank Group,

International Bancshares

Corporation Investar Holding Corporation

Investors Bancorp, Inc. JPMorgan Chase & Co. Kearny Financial Corp. Kentucky First Federal

Bancorp KeyCorp

Lake Shore Bancorp, Inc. Lakeland Bancorp, Inc. Lakeland Financial Corporation

Landmark Bancorp, Inc.

LCNB Corp.

M&T Bank Corporation Macatawa Bank Corporation Mackinac Financial Corporation

Magyar Bancorp, Inc. Malvern Bancorp, Inc. Mastercard Incorporated

Mercantile Bank Corporation

Meridian Bancorp, Inc. Meta Financial Group, Inc. Mid Penn Bancorp, Inc. Middlefield Banc Corp. MidWestOne Financial

Group, Inc.

MutualFirst Financial, Inc. MVB Financial Corp. National Bank Holdings Corporation

National Bankshares, Inc. NBT Bancorp Inc. New York Community

Bancorp, Inc.

Nicolet Bankshares, Inc.

Northeast Bank Northern Trust Corporation

Northfield Bancorp, Inc. (Staten Island, NY) Northrim BanCorp, Inc. Northwest Bancshares, Inc. Norwood Financial Corp. Oak Valley Bancorp OceanFirst Financial Corp.

Oconee Federal Financial Corp **OFG Bancorp**

Old National Bancorp Old Point Financial Incorporated Corporation

> Old Second Bancorp, Inc. OptimumBank Holdings,

Ohio Valley Banc Corp.

Inc.

Opus Bank

Orrstown Financial Services, Inc. Ottawa Bancorp, Inc. Pacific Mercantile Bancorp Pacific Premier Bancorp,

Inc

PacWest Bancorp Park National Corporation Parke Bancorp, Inc. Pathfinder Bancorp, Inc. Patriot National Bancorp,

Inc.

PB Bancorp, Inc. PCB Bancorp Peapack-Gladstone **Financial Corporation** Penns Woods Bancorp, Inc. Peoples Bancorp Inc. Peoples Bancorp of North Carolina, Inc.

Peoples Financial Services

Corp

People's United Financial,

Pinnacle Financial Partners,

Inc

Plumas Bancorp Popular, Inc. Preferred Bank

Premier Financial Bancorp,

Inc.

Prosperity Bancshares, Inc.

Provident Financial Holdings, Inc. Provident Financial Services, Inc.

Prudential Bancorp, Inc.

QCR Holdings, Inc. Regions Financial Corporation Renasant Corporation Republic Bancorp, Inc. Republic First Bancorp, Inc. Riverview Bancorp, Inc. Riverview Financial

S&T Bancorp, Inc. Salisbury Bancorp, Inc. Sandy Spring Bancorp, Inc. SB Financial Group, Inc. SB One Bancorp Seacoast Banking Corporation of Florida Select Bancorp, Inc.

ServisFirst Bancshares, Inc.

Corporation

Severn Bancorp, Inc. Shore Bancshares, Inc. Sierra Bancorp Signature Bank

Simmons First National

Corporation

Sound Financial Bancorp,

South State Corporation Southern First Bancshares,

Inc

Southern Missouri Bancorp, Inc.

Southern National Bancorp

of Virginia, Inc.

Southside Bancshares, Inc.

Southwest Georgia Financial Corporation State Street Corporation Stock Yards Bancorp, Inc. Summit Financial Group, Inc.

Summit State Bank SVB Financial Group Synovus Financial Corp. TCF Financial Corporation Territorial Bancorp Inc.

Texas Capital Bancshares,

Inc.

TFS Financial Corporation The Bancorp, Inc. The Bank of New York Mellon Corporation

The Community Financial

Corporation

The First Bancorp, Inc. The First Bancshares, Inc. The First of Long Island

Corporation

The PNC Financial Services

Group, Inc.

The Western Union

Company

Timberland Bancorp, Inc. Tompkins Financial Corporation TowneBank TriCo Bancshares TriState Capital Holdings,

Triumph Bancorp, Inc. Truist Financial Corporation TrustCo Bank Corp NY

Trustmark Corporation U.S. Bancorp

UMB Financial Corporation

Umpaua Holdinas Corporation

Union Bankshares, Inc. United Bancorp, Inc. United Bancshares, Inc. United Bankshares, Inc.

United Community Banks,

Inc

United Community Financial Corp.

United Security Bancshares

Unity Bancorp, Inc. Univest Financial Corporation

Valley National Bancorp Veritex Holdings, Inc. Village Bank and Trust Financial Corp.

Visa Inc. Washington Federal, Inc.

Washington Trust Bancorp,

Inc.

Waterstone Financial, Inc.

Webster Financial Corporation

Wellesley Bancorp, Inc. Wells Fargo & Company

WesBanco, Inc.

West Bancorporation, Inc.

Westamerica Bancorporation Western Alliance Bancorporation

Western New England Bancorp, Inc. Wintrust Financial Corporation WSFS Financial Corporation

WVS Financial Corp. Zions Bancorporation. National Association

SIC 602

1st Constitution Bancorp 1st Source Corporation **ACNB** Corporation Alerus Financial Corporation American National

Bankshares Inc.

American River Bankshares

Ameris Bancorp

AmeriServ Financial, Inc. Ames National Corporation

Arrow Financial Corporation Associated Banc-Corp

Atlantic Union Bankshares

Corporation Auburn National Bancorporation, Inc. **BancFirst Corporation** BancorpSouth Bank Bank First Corporation Bank of America Corporation Bank of Commerce

Holdings

Bank of Hawaii Corporation

Bank of Marin Bancorp

Bank of South Carolina

Corporation

Bank of the James Financial Group, Inc.

Bank OZK

BankFinancial Corporation

BankUnited, Inc.

Bankwell Financial Group,

Inc

Banner Corporation Bar Harbor Bankshares

BayCom Corp BCB Bancorp, Inc. Berkshire Hills Bancorp, Inc.

BOK Financial Corporation Boston Private Financial

Holdings, Inc. Bridge Bancorp, Inc. Bryn Mawr Bank Corporation

C&F Financial Corporation Cambridge Bancorp Camden National Corporation

Capital City Bank Group,

Inc.

Carolina Financial Corporation Carter Bank & Trust Cathay General Bancorp CB Financial Services, Inc. CenterState Bank Corporation

Central Pacific Financial Corp.

Central Valley Community

Bancorp

Century Bancorp, Inc. Chemung Financial Corporation CIT Group Inc. Citizens & Northern Corporation

Citizens Community Bancorp, Inc.

Citizens Financial Group,

Inc.

Citizens Holding Company City Holding Company Civista Bancshares, Inc. **CNB Financial Corporation** Codorus Valley Bancorp,

Colony Bankcorp, Inc. Columbia Banking System,

Inc.

Comerica Incorporated Commerce Bancshares,

Community Bank System,

Community Bankers Trust

Corporation

Community Trust Bancorp,

Inc.

Community West Bancshares

ConnectOne Bancorp, Inc.

Cortland Bancorp

Cullen/Frost Bankers, Inc. Customers Bancorp, Inc. CVB Financial Corp. Eagle Bancorp, Inc. East West Bancorp, Inc. **Emclaire Financial Corp** Enterprise Bancorp, Inc. **Enterprise Financial** Services Corp Evans Bancorp, Inc.

Farmers National Banc Corp

Fauquier Bankshares, Inc. Fidelity D & D Bancorp, Inc. Fifth Third Bancorp Financial Institutions, Inc.

F.N.B. Corporation

First Bancorp First BanCorp First Bank

First Busey Corporation First Business Financial

Services, Inc. First Capital, Inc.

First Citizens BancShares,

First Commonwealth **Financial Corporation**

First Community Bankshares, Inc. First Community Corporation

First Financial Bancorp. First Financial Bankshares,

Inc.

First Financial Corporation First Financial Northwest,

First Foundation Inc.

First Guaranty Bancshares,

First Horizon National

Corporation

First Internet Bancorp First Interstate BancSystem, Inc. First Merchants Corporation

First Mid Bancshares, Inc. First Midwest Bancorp, Inc. First National Corporation First Republic Bank First Savings Financial

Group, Inc.

First United Corporation First US Bancshares, Inc. Flushing Financial Corporation FNCB Bancorp, Inc. Franklin Financial Network,

Franklin Financial Services

Corporation Fulton Financial Corporation FVCBankcorp, Inc.

German American Bancorp,

Inc

Glacier Bancorp, Inc. Glen Burnie Bancorp Great Southern Bancorp,

Inc.

Great Western Bancorp,

Inc

Guaranty Federal Bancshares, Inc. Hancock Whitney Corporation Hanmi Financial Corporation

Hawthorn Bancshares, Inc. Heartland Financial USA,

Heritage Commerce Corp

Heritage Financial Corporation

Home Bancshares. Inc.

(Conway, AR) HomeStreet, Inc.

HomeTrust Bancshares,

Inc

Hope Bancorp, Inc. Horizon Bancorp, Inc. Howard Bancorp, Inc. **Huntington Bancshares**

Incorporated

IBERIABANK Corporation Independent Bank Corp. Independent Bank

Corporation

Independent Bank Group,

International Bancshares

Corporation Investar Holding Corporation

JPMorgan Chase & Co.

KeyCorp

Lakeland Bancorp, Inc. Lakeland Financial Corporation

Landmark Bancorp, Inc.

LCNB Corp.

M&T Bank Corporation Macatawa Bank Corporation Mackinac Financial

Corporation Malvern Bancorp, Inc.

Mercantile Bank Corporation

Mid Penn Bancorp, Inc.

Middlefield Banc Corp. MidWestOne Financial

Group, Inc.

MutualFirst Financial, Inc. MVB Financial Corp. National Bank Holdings

Corporation

National Bankshares, Inc. NBT Bancorp Inc. Nicolet Bankshares, Inc. Northeast Bank

Northern Trust Corporation Northrim BanCorp, Inc. Norwood Financial Corp. Oak Valley Bancorp **OFG Bancorp**

Ohio Valley Banc Corp. Old National Bancorp Old Point Financial

Corporation

Old Second Bancorp, Inc. OptimumBank Holdings,

Inc. Opus Bank Orrstown Financial Services, Inc.

Pacific Mercantile Bancorp Pacific Premier Bancorp,

Inc

PacWest Bancorp Park National Corporation Parke Bancorp, Inc. Pathfinder Bancorp, Inc. Patriot National Bancorp,

Inc. PCB Bancorp Peapack-Gladstone **Financial Corporation** Penns Woods Bancorp, Inc. Peoples Bancorp Inc.

Peoples Bancorp of North

Carolina, Inc.

Peoples Financial Services

Corp

People's United Financial,

Inc.

Pinnacle Financial Partners,

Inc.

Plumas Bancorp Popular, Inc. Preferred Bank

Premier Financial Bancorp,

Prosperity Bancshares, Inc.

QCR Holdings, Inc. Regions Financial Corporation

Renasant Corporation Republic Bancorp, Inc. Republic First Bancorp, Inc. Riverview Financial

Corporation S&T Bancorp, Inc. Salisbury Bancorp, Inc. Sandy Spring Bancorp, Inc. SB Financial Group, Inc. SB One Bancorp

Seacoast Banking Corporation of Florida Select Bancorp, Inc. ServisFirst Bancshares, Inc.

Shore Bancshares. Inc. Sierra Bancorp Signature Bank

Simmons First National

Corporation

South State Corporation Southern First Bancshares,

Southern National Bancorp

of Virginia, Inc.

Southside Bancshares, Inc.

Southwest Georgia **Financial Corporation** State Street Corporation Stock Yards Bancorp, Inc. Summit Financial Group,

Inc

Summit State Bank **SVB Financial Group** Synovus Financial Corp. TCF Financial Corporation Texas Capital Bancshares,

Inc

The Bancorp, Inc. The Bank of New York Mellon Corporation

The Community Financial

Corporation

The First Bancorp, Inc. The First Bancshares, Inc. The First of Long Island

Corporation

The PNC Financial Services

Group, Inc.

Tompkins Financial Corporation TowneBank TriCo Bancshares TriState Capital Holdings,

Truist Financial Corporation

Trustmark Corporation

U.S. Bancorp

UMB Financial Corporation

Umpqua Holdings Corporation

Union Bankshares, Inc. United Bancorp, Inc. United Bancshares, Inc. United Bankshares, Inc. United Community Banks,

United Security Bancshares

Unity Bancorp, Inc.

Univest Financial Corporation

Valley National Bancorp Veritex Holdings, Inc. Village Bank and Trust Financial Corp.

Washington Federal, Inc. Washington Trust Bancorp,

Webster Financial Corporation

Wellesley Bancorp, Inc. Wells Fargo & Company

WesBanco, Inc.

West Bancorporation, Inc.

Westamerica Bancorporation Western Alliance Bancorporation Wintrust Financial Corporation

Zions Bancorporation, National Association

SIC 603

Axos Financial, Inc. Banc of California, Inc. **BBX Capital Corporation Broadway Financial**

Corporation

Brookline Bancorp, Inc. Capitol Federal Financial,

Central Federal Corporation

Dime Community Bancshares, Inc. Elmira Savings Bank ESSA Bancorp, Inc.

Farmers & Merchants

Bancorn Inc.

First Defiance Financial

Corp.

Flagstar Bancorp, Inc. FS Bancorp, Inc.

FSB Bancorp, Inc.

Greene County Bancorp,

Inc.

Hingham Institution for

Savings

HMN Financial, Inc. Home Bancorp, Inc.

Home Federal Bancorp, Inc.

of Louisiana IF Bancorp, Inc. Investors Bancorp, Inc. Kearny Financial Corp. Kentucky First Federal

Bancorp

Lake Shore Bancorp, Inc. Magyar Bancorp, Inc. Meridian Bancorp, Inc. Meta Financial Group, Inc. New York Community

Bancorp, Inc.

Northfield Bancorp, Inc. (Staten Island, NY)

Northwest Bancshares, Inc. OceanFirst Financial Corp. Oconee Federal Financial

Corp

Ottawa Bancorp, Inc. PB Bancorp, Inc. Provident Financial Holdings, Inc. Provident Financial Services Inc.

Prudential Bancorp, Inc. Riverview Bancorp, Inc. Severn Bancorp, Inc. Sound Financial Bancorp,

Southern Missouri Bancorp, Inc.

Territorial Bancorp Inc. TFS Financial Corporation Timberland Bancorp, Inc. Triumph Bancorp, Inc. TrustCo Bank Corp NY United Community Financial Corp. Waterstone Financial, Inc.

Western New England Bancorp, Inc. WSFS Financial Corporation WVS Financial Corp.

SIC 6035

Axos Financial, Inc. Banc of California, Inc. **BBX Capital Corporation Broadway Financial** Corporation

Brookline Bancorp, Inc. Capitol Federal Financial,

Central Federal Corporation

Dime Community Bancshares, Inc. Elmira Savings Bank Farmers & Merchants

Bancorp, Inc. First Defiance Financial

Corn

Flagstar Bancorp, Inc. Greene County Bancorp,

HMN Financial, Inc. Home Bancorp, Inc.

Home Federal Bancorp, Inc.

of Louisiana IF Bancorp, Inc. Kentucky First Federal Bancorp

Lake Shore Bancorp, Inc.

Meta Financial Group, Inc.

Northfield Bancorp, Inc. (Staten Island, NY)

Northwest Bancshares, Inc. OceanFirst Financial Corp. Oconee Federal Financial

Corp.

Ottawa Bancorp, Inc. PB Bancorp, Inc. Provident Financial Holdings, Inc.

Riverview Bancorp, Inc. Severn Bancorp, Inc. Sound Financial Bancorp,

Territorial Bancorp Inc. TFS Financial Corporation TrustCo Bank Corp NY Waterstone Financial, Inc. Western New England Bancorp, Inc. WSFS Financial Corporation

SIC 6036

ESSA Bancorp, Inc. FS Bancorp, Inc. FSB Bancorp, Inc Hingham Institution for Savings

Investors Bancorp, Inc. Kearny Financial Corp. Magyar Bancorp, Inc.

Meridian Bancorp, Inc.

New York Community Bancorp, Inc.

Provident Financial Services, Inc.

Prudential Bancorp, Inc. Southern Missouri

Bancorp, Inc.

Timberland Bancorp, Inc. Triumph Bancorp, Inc. United Community Financial Corp. WVS Financial Corp.

SIC 61

Ally Financial Inc. American Express Company Asta Funding, Inc. Credit Acceptance

Corporation Discover Financial Services

Encore Capital Group, Inc. Enova International, Inc. Federal Agricultural Mortgage Corporation Impac Mortgage Holdings,

Inc.

Income Opportunity Realty

Investors, Inc. LendingTree, Inc.

Marlin Business Services

Corp.

Medallion Financial Corp.

Mr. Cooper Group Inc.

Nelnet, Inc.

OneMain Holdings, Inc.

Oxford Lane Capital Corp.

PennyMac Financial Services, Inc.

PRA Group, Inc. Regional Management

Corp.

Santander Consumer USA

Holdings Inc. **SLM Corporation** Synchrony Financial Walker & Dunlop, Inc. World Acceptance

SIC 614

Credit Acceptance

Corporation

Corporation

Discover Financial Services

Enova International, Inc.

Nelnet, Inc.

OneMain Holdings. Inc.

Regional Management

Corp.

Santander Consumer USA

Holdings Inc. **SLM Corporation** Synchrony Financial World Acceptance

Corporation

SIC 616

Impac Mortgage Holdings,

Inc.

Income Opportunity Realty

Investors, Inc. LendingTree, Inc. Mr. Cooper Group Inc. PennyMac Financial

Services, Inc.

Walker & Dunlop, Inc.

SIC 6162

Impac Mortgage Holdings,

Income Opportunity Realty

Investors, Inc.

Mr. Cooper Group Inc. PennyMac Financial

Services. Inc.

Walker & Dunlop, Inc.

SIC 62

Affiliated Managers Group, Inc.

Ameriprise Financial, Inc.

Apollo Global Management,

Inc.

Ares Management Corporation

Artisan Partners Asset Management Inc. BlackRock, Inc.

BrightSphere Investment

Group Inc. CME Group Inc. Cohen & Steers, Inc. Cowen Inc.

Diamond Hill Investment

Group, Inc. E*TRADE Financial Corporation Eaton Vance Corp. Evercore Inc.

Franklin Resources, Inc. GAIN Capital Holdings, Inc. GAMCO Investors. Inc. Greenhill & Co., Inc. Hennessy Advisors, Inc. Interactive Brokers Group,

Intercontinental Exchange,

Inc

KKR & Co. Inc. Legg Mason, Inc.

Lisi S.A.

LPL Financial Holdings Inc. Manning & Napier, Inc. MarketAxess Holdings Inc.

Moelis & Company Morgan Stanley MSCI Inc.

Oppenheimer Holdings Inc. Piper Sandler Companies Principal Financial Group,

Inc.

Pzena Investment Management, Inc

Raymond James Financial,

SEI Investments Company

Silvercrest Asset Management Group Inc. Stifel Financial Corp. T. Rowe Price Group, Inc.

TD Ameritrade Holding

Corporation

Corporation

The Blackstone Group Inc. The Carlyle Group Inc. The Charles Schwab

The Goldman Sachs Group,

Virtus Investment Partners,

Waddell & Reed Financial,

Westwood Holdings Group,

WisdomTree Investments,

SIC 621

Ameriprise Financial, Inc.

E*TRADE Financial

Corporation

Interactive Brokers Group,

Inc

LPL Financial Holdings Inc. Oppenheimer Holdings Inc. Piper Sandler Companies

Raymond James Financial,

Inc

Stifel Financial Corp. TD Ameritrade Holding

Corporation

The Goldman Sachs Group,

Inc.

SIC 628

Affiliated Managers Group,

Apollo Global Management,

Ares Management Corporation

Artisan Partners Asset Management Inc. BlackRock, Inc.

BrightSphere Investment

Group Inc.

Cohen & Steers, Inc.

Cowen Inc.

Diamond Hill Investment

Group, Inc.

Eaton Vance Corp. Franklin Resources. Inc. GAMCO Investors, Inc. Greenhill & Co., Inc. Hennessy Advisors, Inc.

KKR & Co. Inc. Legg Mason, Inc.

Lisi S.A.

Manning & Napier, Inc. Moelis & Company

MSCI Inc.

Principal Financial Group,

Pzena Investment Management, Inc

SEI Investments Company

Silvercrest Asset Management Group Inc. T. Rowe Price Group, Inc.

The Blackstone Group Inc. The Carlyle Group Inc.

The Charles Schwab Corporation

Virtus Investment Partners,

Inc

Waddell & Reed Financial,

Inc.

Westwood Holdings Group,

Inc

WisdomTree Investments,

Inc

SIC 63

1347 Property Insurance

Holdings, Inc. Aflac Incorporated

Alleghany Corporation

American Equity

Investment Life Holding

Company

American Financial Group,

American International

Group, Inc.

American National Insurance Company

Amerisafe, Inc.

Anthem, Inc.

Assurant, Inc. Atlantic American

Corporation

Centene Corporation

Cigna Corporation

Cincinnati Financial Corporation

CNA Financial Corporation

CNO Financial Group, Inc.

Donegal Group Inc.

Employers Holdings, Inc.

FBL Financial Group, Inc.

FedNat Holding Company

Fidelity National Financial,

First American Financial

Corporation Globe Life Inc.

Hallmark Financial

Services, Inc. HCI Group, Inc.

Heritage Insurance

Holdings, Inc.

Horace Mann Educators

Corporation

Humana Inc.

Independence Holding

Company

Investors Title Company

Kemper Corporation

Kingstone Companies, Inc.

Lincoln National Corporation

Mercury General

Corporation

MetLife, Inc. MGIC Investment

Corporation

Molina Healthcare, Inc.

National General Holdings

Corp.

National Western Life

Group, Inc.

NMI Holdings, Inc.

Old Republic International

Corporation

ProAssurance Corporation Protective Insurance Corp Prudential Financial, Inc.

Radian Group Inc.

Reinsurance Group of America, Incorporated

RLI Corp.

Safety Insurance Group,

Selective Insurance Group,

State Auto Financial

Corporation

Stewart Information Services Corporation

The Allstate Corporation

The Hanover Insurance

Group, Inc.

The Hartford Financial Services Group, Inc.

The National Security

Group, Inc.

The Progressive Corporation

The Travelers Companies,

Inc

Tiptree Inc.

Triple-S Management

Corporation

United Fire Group, Inc.

United Insurance Holdings

Corp.

UnitedHealth Group

Incorporated

Universal Insurance Holdings, Inc. Unum Group

Voya Financial, Inc.

W. R. Berkley Corporation

WellCare Health Plans. Inc.

American Equity

Investment Life Holding

Company

FBL Financial Group, Inc.

MetLife, Inc.

National Western Life

Group, Inc.

Prudential Financial, Inc.

Reinsurance Group of

America, Incorporated

SIC 632

Aflac Incorporated

Anthem, Inc.

Centene Corporation

Cigna Corporation

CNO Financial Group, Inc.

Humana Inc.

Independence Holding

Company

Molina Healthcare, Inc.

Triple-S Management

Corporation

UnitedHealth Group

Incorporated

Unum Group

WellCare Health Plans, Inc.

SIC 6324

Anthem. Inc.

Centene Corporation

Cigna Corporation

Humana Inc.

Molina Healthcare, Inc.

Triple-S Management

Corporation

UnitedHealth Group

Incorporated

WellCare Health Plans. Inc.

SIC 633

1347 Property Insurance

Holdings, Inc.

Alleghany Corporation

American International

Group, Inc.

Amerisafe, Inc.

Cincinnati Financial

Corporation **CNA Financial Corporation**

Donegal Group Inc.

Employers Holdings, Inc.

FedNat Holding Company Hallmark Financial

Services, Inc.

HCI Group, Inc.

Heritage Insurance

Holdings, Inc. Kemper Corporation

Kingstone Companies, Inc.

Mercury General

Corporation National General Holdings

Corp. **ProAssurance Corporation**

Protective Insurance Corp

RLI Corp. Safety Insurance Group,

Selective Insurance Group,

The Allstate Corporation

The Hanover Insurance

Group, Inc.

The Hartford Financial Services Group, Inc.

The National Security

Group, Inc.
The Progressive
Corporation

The Travelers Companies,

Inc.

Tiptree Inc.

United Fire Group, Inc.

United Insurance Holdings

Corp.

Universal Insurance Holdings, Inc.

W. R. Berkley Corporation

SIC 64

Arthur J. Gallagher & Co. Brown & Brown, Inc. CorVel Corporation Crawford & Company Erie Indemnity Company

Health Insurance Innovations, Inc. HMS Holdings Corp.

Marsh & McLennan Companies, Inc. Verisk Analytics, Inc.

SIC 65

American Realty Investors,

CBRE Group, Inc.

China HGS Real Estate Inc.

Consolidated-Tomoka

Land Co.

Griffin Industrial Realty, Inc.

J.W. Mays, Inc.

Jones Lang LaSalle

Incorporated

Kennedy-Wilson Holdings,

Inc.

Landmark Infrastructure

Partners LP

Marcus & Millichap, Inc. RE/MAX Holdings, Inc. Realogy Holdings Corp.

The Howard Hughes

Corporation

Transcontinental Realty

Investors, Inc.

Wyndham Destinations,

Inc.

SIC 651

Inc

American Realty Investors, Inc.

Griffin Industrial Realty, Inc.

J.W. Mays, Inc.

Kennedy-Wilson Holdings,

031

Landmark Infrastructure

Partners LP

Transcontinental Realty Investors, Inc.

SIC 653

Jones Lang LaSalle Incorporated

Marcus & Millichap, Inc. RE/MAX Holdings, Inc. Realogy Holdings Corp. Wyndham Destinations, Inc.

SIC 67

Acadia Realty Trust

Agree Realty Corporation

Alcentra Capital Corporation Alexander's, Inc.

Alexandria Real Estate

Equities, Inc.

AllianceBernstein Holding

L.P.

America First Multifamily

Investors, L.P.

American Assets Trust, Inc.

American Campus Communities, Inc. American Tower Corporation (REIT) Annaly Capital Management, Inc.

Anworth Mortgage Asset

Corporation

Apartment Investment and Management Company Apollo Commercial Real Estate Finance, Inc. Apollo Investment Corporation

Ares Capital Corporation Ares Commercial Real Estate Corporation

Armada Hoffler Properties,

Inc.

AvalonBay Communities,

Inc.

BlackRock Capital Investment Corporation BlackRock TCP Capital

Corp.

Blackstone Mortgage Trust,

Inc

Boston Properties, Inc. BP Prudhoe Bay Royalty

Trust

Braemar Hotels & Resorts,

Inc.

Brandywine Realty Trust Brixmor Property Group

Inc

BRT Apartments Corp.

Camden Property Trust Capital Southwest Corporation

CareTrust REIT, Inc.

CEVA, Inc.

Chatham Lodging Trust City Office REIT, Inc. Columbia Property Trust,

CoreCivic, Inc.

CorEnergy Infrastructure

Trust, Inc.
CoreSite Realty
Corporation

Corporate Office Properties

Trust

Cousins Properties Incorporated Cross Timbers Royalty Trust

Crown Castle International

Corp. (REIT) CubeSmart

DiamondRock Hospitality

Company

Digital Realty Trust, Inc. Diversified Healthcare

Trust

Dolby Laboratories, Inc. Dorchester Minerals, L.P. Douglas Emmett, Inc. Duke Realty Corporation EastGroup Properties, Inc. Empire State Realty Trust,

Inc.
EPR Properties
Equinix, Inc. (REIT)
Equity Commonwealth

Equity LifeStyle Properties,

Inc.

Equity Residential
Essex Property Trust, Inc.
Extra Space Storage Inc.
Farmland Partners Inc.
Federal Realty Investment

Trust

Fidus Investment Corporation

First Industrial Realty Trust,

Inc

Franklin Street Properties

FS KKR Capital Corp. Gaming and Leisure Properties, Inc. Garrison Capital Inc. Getty Realty Corp. Gladstone Capital Corporation

Gladstone Investment Corporation Gladstone Land Corporation

Golub Capital BDC, Inc.

Hannon Armstrong Sustainable Infrastructure Capital, Inc.

Harvest Capital Credit Corporation

Healthcare Realty Trust

Incorporated

Healthcare Trust of America, Inc.

Healthpeak Properties, Inc. Hercules Capital, Inc. Hersha Hospitality Trust Highwoods Properties, Inc.

Horizon Technology Finance Corporation Host Hotels & Resorts, Inc. Hudson Pacific Properties, Inc.

Independence Realty Trust,

Inc.

InterDigital, Inc.

Invesco Mortgage Capital

Inc.

Investcorp Credit Management BDC, Inc. Iron Mountain Incorporated Kilroy Realty Corporation Kimco Realty Corporation

Lamar Advertising Company (REIT) Lexington Realty Trust Liberty Property Trust Life Storage, Inc. LTC Properties, Inc. Mack-Cali Realty Corporation

Main Street Capital Corporation

Manhattan Bridge Capital,

IVIAIII

Medical Properties Trust,

Inc.

Mesa Royalty Trust Mesabi Trust MFA Financial, Inc. Mid-America Apartment Communities, Inc.

Monmouth Real Estate Investment Corporation Monroe Capital Corporation National Health Investors,

Inc.

National Retail Properties,

Inc.

Network-1 Technologies,

Inc.

New Mountain Finance

Corporation New Residential Investment Corp.

Newtek Business Services

Corp.

North European Oil Royalty

Trust

Oaktree Strategic Income

Corporation

OFS Capital Corporation Omega Healthcare Investors, Inc.

One Liberty Properties, Inc. Outfront Media Inc. Oxford Square Capital

Corp.

Paramount Group, Inc. Pebblebrook Hotel Trust PennantPark Floating Rate

Capital Ltd.

PennantPark Investment

Corporation

PennyMac Mortgage Investment Trust Permian Basin Royalty

Trust

Physicians Realty Trust Piedmont Office Realty

Trust, Inc.
Prologis, Inc.
Prospect Capital
Corporation

PS Business Parks, Inc. Public Storage QTS Realty Trust, Inc.

Rambus Inc.

Rand Capital Corporation

Rayonier Inc.

Regency Centers

Realty Income Corporation

Corporation
Retail Opportunity
Investments Corp.
Retail Properties of
America, Inc.

Rexford Industrial Realty,

nc.

RLJ Lodging Trust Royal Gold, Inc. RPT Realty Ryman Hospitality Properties, Inc. Sabine Royalty Trust Sabra Health Care REIT,

Inc.

San Juan Basin Royalty

Trust

Saul Centers, Inc.
Service Properties Trust
Simon Property Group, Inc.
SL Green Realty Corp.
Solar Capital Ltd.
Solar Senior Capital Ltd.
Spirit Realty Capital, Inc.
STAG Industrial, Inc.
Starwood Property Trust,

Inc.

Stellus Capital Investment

Corporation

StoneCastle Financial Corp. STORE Capital Corporation Summit Hotel Properties,

Inc.

Sun Communities, Inc. Sunstone Hotel Investors,

Tanger Factory Outlet

Centers, Inc.

Taubman Centers, Inc. TC PipeLines, LP

Terreno Realty Corporation
Texas Pacific Land Trust
The GEO Group, Inc.
The Macerich Company
The Credit less

THL Credit, Inc.

TPG Specialty Lending, Inc.
TriplePoint Venture Growth

BDC Corp. UDR, Inc.

Universal Health Realty

Income Trust

Urstadt Biddle Properties

Inc.

Ventas, Inc.

Viper Energy Partners LP Vornado Realty Trust W. P. Carey Inc.

Washington Real Estate Investment Trust Weingarten Realty Investors

Welltower Inc.
WhiteHorse Finance, Inc.
Whitestone REIT
Winmark Corporation

SIC 6794

CEVA, Inc.

Dolby Laboratories, Inc. InterDigital, Inc.

Network-1 Technologies,

Inc.

Rambus Inc.

Winmark Corporation

SIC 6798

Acadia Realty Trust

Agree Realty Corporation

Alexander's, Inc.

Alexandria Real Estate

Equities, Inc.

American Assets Trust, Inc.

American Campus Communities, Inc. American Tower Corporation (REIT) Annaly Capital

Management, Inc.

Anworth Mortgage Asset Corporation

Apartment Investment and Management Company Apollo Commercial Real Estate Finance, Inc. Ares Commercial Real **Estate Corporation**

Armada Hoffler Properties,

AvalonBay Communities,

Blackstone Mortgage Trust,

Inc.

Boston Properties, Inc. Braemar Hotels & Resorts. Inc.

Brandywine Realty Trust Brixmor Property Group

BRT Apartments Corp. Camden Property Trust CareTrust REIT, Inc. Chatham Lodging Trust City Office REIT, Inc. Columbia Property Trust,

Inc

CoreCivic, Inc.

CorEnergy Infrastructure

Trust, Inc. CoreSite Realty Corporation

Corporate Office Properties

Trust

Cousins Properties Incorporated

Crown Castle International

Corp. (REIT) CubeSmart

DiamondRock Hospitality

Company

Digital Realty Trust, Inc. Diversified Healthcare

Trust

Douglas Emmett, Inc. **Duke Realty Corporation** EastGroup Properties, Inc. Empire State Realty Trust,

Inc

EPR Properties Equinix, Inc. (REIT) Equity Commonwealth Equity LifeStyle Properties, Inc

Equity Residential Essex Property Trust, Inc. Extra Space Storage Inc. Farmland Partners Inc.

Federal Realty Investment

Trust

First Industrial Realty Trust,

Inc.

Franklin Street Properties

Corp.

Gaming and Leisure Properties, Inc. Getty Realty Corp. Gladstone Land Corporation

Hannon Armstrong Sustainable Infrastructure

Capital, Inc.

Healthcare Realty Trust

Incorporated

Healthcare Trust of America Inc.

Healthpeak Properties, Inc. Hersha Hospitality Trust Highwoods Properties, Inc. Host Hotels & Resorts, Inc. Hudson Pacific Properties,

Independence Realty Trust,

Inc

Invesco Mortgage Capital

Inc.

Iron Mountain Incorporated Kilroy Realty Corporation Kimco Realty Corporation

Lamar Advertising Company (REIT) Lexington Realty Trust Liberty Property Trust Life Storage, Inc. LTC Properties, Inc. Mack-Cali Realty Corporation

Manhattan Bridge Capital,

Medical Properties Trust,

MFA Financial, Inc. Mid-America Apartment Communities, Inc.

Monmouth Real Estate **Investment Corporation** National Health Investors,

Inc

National Retail Properties,

Inc.

New Residential Investment Corp. Omega Healthcare Investors, Inc.

One Liberty Properties, Inc.

Outfront Media Inc. Paramount Group, Inc. Pebblebrook Hotel Trust PennyMac Mortgage Investment Trust Physicians Realty Trust Piedmont Office Realty

Trust, Inc. Prologis, Inc.

PS Business Parks, Inc.

Public Storage QTS Realty Trust, Inc. Rayonier Inc.

Realty Income Corporation

Regency Centers Corporation **Retail Opportunity** Investments Corp. Retail Properties of America, Inc.

Rexford Industrial Realty,

RPT Realty Ryman Hospitality Properties, Inc.

RLJ Lodging Trust

Sabra Health Care REIT,

Inc

Saul Centers, Inc. Service Properties Trust Simon Property Group, Inc. SL Green Realty Corp. Spirit Realty Capital, Inc. STAG Industrial. Inc. Starwood Property Trust,

STORE Capital Corporation Summit Hotel Properties,

Sun Communities, Inc. Sunstone Hotel Investors,

Tanger Factory Outlet

Centers, Inc.

Taubman Centers, Inc. Terreno Realty Corporation The GEO Group, Inc. The Macerich Company

UDR, Inc.

Universal Health Realty

Income Trust

Urstadt Biddle Properties

Ventas, Inc.

Vornado Realty Trust W. P. Carey Inc.

Washington Real Estate Investment Trust Weingarten Realty Investors Welltower Inc. Whitestone REIT

SIC 7

ABM Industries Incorporated ACI Worldwide, Inc. Activision Blizzard, Inc.

Adobe Inc.

Air Lease Corporation Akamai Technologies, Inc.

Alphabet Inc. **AMERCO**

American Software, Inc.

Appendix A: Companies (Main Set) in Each Industry, by SIC Code National Research AMN Healthcare Services, FactSet Research Systems Inc Corporation Inc. ANSYS. Inc. Natural Gas Services Fair Isaac Corporation ARC Document Solutions, Group, Inc. Fidelity National Net 1 UEPS Technologies, Information Services, Inc. **ASGN** Incorporated Finjan Holdings, Inc. Aspen Technology, Inc. Netflix, Inc. Fiserv, Inc. Aware, Inc. NetScout Systems, Inc. FleetCor Technologies, Inc. NetSol Technologies, Inc. Barrett Business Services, Franchise Group, Inc. NextGen Healthcare, Inc. Inc. GlobalSCAPE, Inc. BG Staffing, Inc. NIC Inc. Green Dot Corporation NortonLifeLock Inc. Blackbaud, Inc. Grubhub Inc. Booking Holdings Inc. Omnicell, Inc. Guidewire Software, Inc. Omnicom Group Inc. Booz Allen Hamilton H&R Block, Inc. **Holding Corporation** Oracle Corporation HealthEquity, Inc. Bowl America Incorporated Park City Group, Inc. HealthStream, Inc. **Boyd Gaming Corporation** Paycom Software, Inc. Heidrick & Struggles Paylocity Holding Broadridge Financial International, Inc. Corporation Solutions, Inc. Hilton Worldwide Holdings Pegasystems Inc. CACI International Inc Penn National Gaming, Inc. Cadence Design Systems, **Hyatt Hotels Corporation** Perficient, Inc. IAC/InterActiveCorp Canterbury Park Holding **Progress Software** Information Services Corporation Corporation Group, Inc. PTC Inc. Carriage Services, Inc. Insignia Systems, Inc. Cass Information Systems, QAD Inc. Insperity, Inc. Qualvs. Inc. Inc Intelligent Systems RCM Technologies, Inc. CDK Global, Inc. Corporation Cedar Fair, L.P. Reading International, Inc. International Business Century Casinos, Inc. RealPage, Inc. **Machines Corporation** Cerner Corporation Robert Half International Intuit Inc. Inc. Churchill Downs **Issuer Direct Corporation** Rollins, Inc. Incorporated j2 Global, Inc. S&P Global Inc. Cinemark Holdings, Inc. Jack Henry & Associates, Cintas Corporation Sabre Corporation Citrix Systems, Inc. salesforce.com, inc. KAR Auction Services, Inc. Cognizant Technology Science Applications Kelly Services, Inc. Solutions Corporation International Corporation Kforce Inc. Collectors Universe, Inc. ServiceMaster Global Korn Ferry CoreLogic, Inc. Holdings, Inc. Las Vegas Sands Corp. CoStar Group, Inc Shutterstock, Inc. LogMeIn, Inc. SilverSun Technologies, Cross Country Healthcare, Manhattan Associates, Inc. Inc ManpowerGroup Inc. CSG Systems International, Six Flags Entertainment Inc. ManTech International Corporation Corporation CSP Inc. SP Plus Corporation Marriott International, Inc. CynergisTek, Inc. SPAR Group, Inc. Marriott Vacations SPS Commerce, Inc. DHI Group, Inc. Worldwide Corporation Dover Motorsports, Inc. SS&C Technologies Mastech Digital, Inc. **DXC Technology Company** Holdings, Inc. McGrath RentCorp eBay Inc. Stamps.com Inc. MercadoLibre, Inc. Ebix, Inc. Sykes Enterprises, MGM Resorts International Eldorado Resorts, Inc. Incorporated Microsoft Corporation Electronic Arts Inc. Synopsys, Inc.

MicroStrategy Incorporated Take-Two Interactive Mobile Mini, Inc. Software, Inc. Monarch Casino & Resort, TechTarget, Inc. Teradata Corporation Monro, Inc. The Interpublic Group of Moody's Corporation

Companies, Inc. Morningstar, Inc. Travelzoo National Instruments TriNet Group, Inc. Corporation TripAdvisor, Inc.

EPAM Systems, Inc.

Evolving Systems, Inc.

F5 Networks, Inc.

Facebook, Inc.

Extended Stay America,

Equifax Inc.

Inc

EVERTEC, Inc.

TrueBlue, Inc. Citrix Systems, Inc. Mastech Digital, Inc. TSR, Inc. McGrath RentCorp Cognizant Technology TTEC Holdings, Inc. MercadoLibre, Inc. Solutions Corporation Tyler Technologies, Inc. Collectors Universe, Inc. Microsoft Corporation United Rentals, Inc. CoreLogic, Inc. MicroStrategy Incorporated Vail Resorts, Inc. CoStar Group, Inc. Mobile Mini, Inc. Cross Country Healthcare, Veeva Systems Inc. Moody's Corporation Verint Systems Inc. Morningstar, Inc. CSG Systems International, Viad Corp National Instruments Inc Virtusa Corporation Corporation CSP Inc. National Research WFX Inc. CynergisTek, Inc. Corporation Wilhelmina International, Net 1 UEPS Technologies, Inc DHI Group, Inc. Inc. DXC Technology Company Willis Lease Finance NetScout Systems, Inc. Corporation eBay Inc. NetSol Technologies, Inc. Wynn Resorts, Limited Ebix, Inc NextGen Healthcare, Inc. Yelp Inc. Electronic Arts Inc. NIC Inc Zix Corporation EPAM Systems, Inc. NortonLifeLock Inc. Equifax Inc. Omnicell, Inc. **SIC 70** EVERTEC. Inc. Omnicom Group Inc. Extended Stay America, Evolving Systems, Inc. **Oracle Corporation** Inc F5 Networks. Inc. Hilton Worldwide Holdings Park City Group, Inc. Facebook Inc. Inc Paycom Software, Inc. FactSet Research Systems **Hyatt Hotels Corporation** Paylocity Holding Inc. Marriott International, Inc. Corporation Fair Isaac Corporation Pegasystems Inc. Marriott Vacations Fidelity National Perficient, Inc. Worldwide Corporation Information Services, Inc. **Progress Software** Finjan Holdings, Inc. SIC 73 Corporation Fiserv, Inc. **ABM Industries** PTC Inc. FleetCor Technologies, Inc. Incorporated QAD Inc. GlobalSCAPE, Inc. ACI Worldwide. Inc. Qualys, Inc. Green Dot Corporation Activision Blizzard, Inc. RCM Technologies, Inc. Grubhub Inc. Adobe Inc. RealPage. Inc. Guidewire Software, Inc. Air Lease Corporation Robert Half International HealthEquity, Inc. Akamai Technologies, Inc. Inc HealthStream, Inc. Rollins, Inc. Alphabet Inc. S&P Global Inc. Heidrick & Struaales American Software. Inc. International, Inc. AMN Healthcare Services. Sabre Corporation Inc IAC/InterActiveCorp salesforce.com, inc. ANSYS, Inc. Information Services Science Applications ARC Document Solutions, Group, Inc. International Corporation Inc Insignia Systems, Inc. Shutterstock, Inc. **ASGN** Incorporated Insperity, Inc. SilverSun Technologies, Aspen Technology, Inc. Intelligent Systems Aware, Inc. SPAR Group, Inc. Corporation Barrett Business Services, SPS Commerce, Inc. International Business Inc. SS&C Technologies **Machines Corporation** BG Staffing, Inc. Holdings, Inc. Intuit Inc. Blackbaud, Inc. Stamps.com Inc. **Issuer Direct Corporation** Booking Holdings Inc. j2 Global, Inc. Sykes Enterprises, Booz Allen Hamilton Jack Henry & Associates, Incorporated **Holding Corporation** Synopsys, Inc. KAR Auction Services, Inc. Broadridge Financial Take-Two Interactive Solutions, Inc. Kelly Services, Inc. Software, Inc. CACI International Inc Kforce Inc. TechTarget, Inc. Cadence Design Systems, Korn Ferry Teradata Corporation LogMeIn, Inc. The Interpublic Group of Cass Information Systems, Manhattan Associates, Inc. Companies, Inc. Inc. ManpowerGroup Inc. Travelzoo

ManTech International

Corporation

TriNet Group, Inc.

TripAdvisor, Inc.

CDK Global, Inc.

Cerner Corporation

TrueBlue, Inc. TSR, Inc.

TTEC Holdings, Inc. Tyler Technologies, Inc. United Rentals, Inc. Veeva Systems Inc. Verint Systems Inc.

Viad Corp

Virtusa Corporation

WEX Inc.

Willis Lease Finance Corporation

Yelp Inc. Zix Corporation

SIC 735

Air Lease Corporation McGrath RentCorp Mobile Mini, Inc. United Rentals, Inc. Willis Lease Finance Corporation

SIC 736

AMN Healthcare Services,

Inc.

ASGN Incorporated

Barrett Business Services,

Cross Country Healthcare,

Inc

DHI Group, Inc. Heidrick & Struggles International, Inc. Insperity, Inc. Kelly Services, Inc.

Kforce Inc. Korn Ferry

ManpowerGroup Inc. Mastech Digital, Inc. RCM Technologies, Inc. Robert Half International

TrueBlue, Inc

SIC 7361

AMN Healthcare Services.

Inc.

DHI Group, Inc. Heidrick & Struggles International, Inc.

Korn Ferry

Mastech Digital, Inc.

SIC 7363

ASGN Incorporated

Barrett Business Services,

Cross Country Healthcare,

Inc.

Insperity, Inc. Kelly Services, Inc. Kforce Inc.

ManpowerGroup Inc. TrueBlue, Inc.

SIC 737

ACI Worldwide. Inc.

Activision Blizzard, Inc.

Adobe Inc.

Akamai Technologies, Inc.

Alphabet Inc.

American Software, Inc.

ANSYS, Inc.

Aspen Technology, Inc.

Aware, Inc. Blackbaud, Inc. Booking Holdings Inc. Booz Allen Hamilton **Holding Corporation** Broadridge Financial Solutions, Inc.

CACI International Inc Cadence Design Systems,

Inc.

CDK Global, Inc. **Cerner Corporation** Citrix Systems, Inc. Cognizant Technology Solutions Corporation CoreLogic, Inc. CoStar Group, Inc.

CSG Systems International,

Inc. CSP Inc. CynergisTek, Inc.

DXC Technology Company

eBay Inc. Ebix, Inc.

Electronic Arts Inc. EPAM Systems, Inc. EVERTEC, Inc. Evolving Systems, Inc. F5 Networks, Inc. Facebook, Inc.

FactSet Research Systems

Inc.

Fair Isaac Corporation Fidelity National

Information Services, Inc. Finjan Holdings, Inc.

Fisery, Inc.

FleetCor Technologies, Inc.

GlobalSCAPE, Inc. Grubhub Inc.

Guidewire Software, Inc. HealthEquity, Inc. HealthStream, Inc. IAC/InterActiveCorp Information Services

Group, Inc.

Intelligent Systems Corporation

International Business **Machines Corporation**

Intuit Inc.

Issuer Direct Corporation

j2 Global, Inc.

Jack Henry & Associates,

LogMeIn, Inc.

Manhattan Associates, Inc. ManTech International

Corporation MercadoLibre, Inc. Microsoft Corporation MicroStrategy Incorporated

Morningstar, Inc. National Instruments

Corporation

Net 1 UEPS Technologies,

NetScout Systems, Inc. NetSol Technologies, Inc. NextGen Healthcare, Inc.

NIC Inc.

NortonLifeLock Inc. Omnicell, Inc. **Oracle Corporation** Park City Group, Inc. Paycom Software, Inc. Paylocity Holding Corporation Pegasystems Inc. Perficient, Inc. **Progress Software** Corporation PTC Inc. QAD Inc.

Qualys, Inc. RealPage, Inc. Sabre Corporation salesforce.com, inc. Science Applications International Corporation

Shutterstock, Inc. SilverSun Technologies,

SPS Commerce, Inc. SS&C Technologies Holdings, Inc. Stamps.com Inc. Sykes Enterprises, Incorporated Synopsys, Inc.

Take-Two Interactive Software, Inc. TechTarget, Inc. Teradata Corporation

Travelzoo TriNet Group, Inc. TripAdvisor, Inc. TSR, Inc.

Tyler Technologies, Inc. Veeva Systems Inc.

Verint Systems Inc.

Virtusa Corporation WEX Inc.

Yelp Inc. Zix Corporation

SIC 7372

Activision Blizzard, Inc. American Software, Inc.

ANSYS, Inc.

Aspen Technology, Inc.

Aware. Inc.

Cadence Design Systems,

Inc

Citrix Systems, Inc.

Ebix, Inc.

Electronic Arts Inc. Finjan Holdings, Inc.

GlobalSCAPE, Inc.

Guidewire Software, Inc.

HealthStream, Inc.

Intelligent Systems

Corporation Intuit Inc.

MicroStrategy Incorporated

National Instruments

Corporation

NetSol Technologies, Inc. NextGen Healthcare, Inc. NortonLifeLock Inc.

Park City Group, Inc.

Pegasystems Inc. PTC Inc.

Qualys, Inc.

RealPage, Inc.

salesforce.com, inc.

SS&C Technologies Holdings, Inc.

Synopsys, Inc.

Take-Two Interactive

Software, Inc.

SIC 7373

Broadridge Financial

Solutions, Inc.

CACI International Inc Cerner Corporation

CSP Inc.

F5 Networks, Inc. Fair Isaac Corporation

Jack Henry & Associates,

Inc.

Manhattan Associates, Inc.

ManTech International

Corporation

 ${\sf NetScout\ Systems, Inc.}$

Omnicell, Inc.

Science Applications International Corporation Tyler Technologies, Inc.

SIC 7374

CoreLogic, Inc.

CSG Systems International,

Inc.

CynergisTek, Inc. EVERTEC, Inc. Fidelity National

Information Services, Inc.

Fisery. Inc.

FleetCor Technologies, Inc.

Information Services

Group, Inc.

Net 1 UEPS Technologies,

Inc

Sykes Enterprises, Incorporated TriNet Group, Inc. WEX Inc.

SIC 738

ARC Document Solutions,

Inc.

Cass Information Systems,

Inc.

Collectors Universe, Inc. Green Dot Corporation KAR Auction Services, Inc.

National Research Corporation SPAR Group, Inc.

TTEC Holdings, Inc.

Viad Corp

SIC 79

Bowl America Incorporated Boyd Gaming Corporation

Canterbury Park Holding

Corporation
Cedar Fair, L.P.
Century Casinos, Inc.
Churchill Downs
Incorporated

Dover Motorsports, Inc. Eldorado Resorts, Inc. Las Vegas Sands Corp. MGM Resorts International Monarch Casino & Resort,

Inc.

Penn National Gaming, Inc.

Six Flags Entertainment

Corporation Vail Resorts, Inc.

Wilhelmina International,

Inc

Wynn Resorts, Limited

SIC 799

Boyd Gaming Corporation

Cedar Fair, L.P.
Century Casinos, Inc.
Eldorado Resorts, Inc.
Las Vegas Sands Corp.
MGM Resorts International

Monarch Casino & Resort,

Inc.

Penn National Gaming, Inc.

Six Flags Entertainment

Corporation Vail Resorts, Inc. Wynn Resorts, Limited

SIC 8

Acadia Healthcare Company, Inc. Addus HomeCare Corporation

Adtalem Global Education

Inc

Amedisys, Inc.

American Public Education,

Inc.

American Shared Hospital

Services
Argan, Inc.
BioTelemetry, Inc.
Bright Horizons Family
Solutions Inc.

Charles River Laboratories

International, Inc.
CRA International. Inc.

DaVita Inc.

DLH Holdings Corp.
Encompass Health
Corporation
Exponent, Inc.

FONAR Corporation Forrester Research, Inc. Franklin Covey Co.

Gartner, Inc.

GP Strategies Corporation Grand Canyon Education,

Inc.

Huron Consulting Group

Inc

ICF International, Inc. IQVIA Holdings Inc.

K12 Inc.

Laboratory Corporation of America Holdings LHC Group, Inc. Magellan Health, Inc. MAXIMUS, Inc. MEDNAX, Inc. National HealthCare

Corporation NV5 Global, Inc. Paychex, Inc.

PRA Health Sciences, Inc. PRGX Global. Inc.

Psychemedics Corporation

Quest Diagnostics Incorporated RadNet, Inc.

Resources Connection, Inc. Select Medical Holdings

Corporation

Strategic Education, Inc.

Syneos Health, Inc.

Tetra Tech, Inc.

The Ensign Group, Inc.

The Hackett Group, Inc.

Tivity Health, Inc.

U.S. Physical Therapy, Inc.

Universal Health Services,

Inc.

Vectrus, Inc.

Willdan Group, Inc.

SIC 80

Acadia Healthcare

Company, Inc.

Addus HomeCare

Corporation

Amedisys, Inc.

American Shared Hospital

Services

BioTelemetry, Inc.

DaVita Inc.

DLH Holdings Corp.

Encompass Health

Corporation

FONAR Corporation

LHC Group, Inc.

MEDNAX, Inc.

National HealthCare

Corporation

Psychemedics Corporation

Quest Diagnostics

Incorporated

RadNet, Inc.

Select Medical Holdings

Corporation

The Ensign Group, Inc.

Tivity Health, Inc.

U.S. Physical Therapy, Inc.

Universal Health Services,

Inc.

SIC 809

American Shared Hospital

Services

BioTelemetry, Inc.

DaVita Inc.

DLH Holdings Corp.

Tivity Health, Inc.

SIC 82

Adtalem Global Education

Inc.

American Public Education,

Inc.

Franklin Covey Co.

GP Strategies Corporation

Grand Canyon Education,

Inc.

K12 Inc.

Strategic Education, Inc.

SIC 87

Argan, Inc.

Charles River Laboratories

International, Inc.

Exponent, Inc.

Forrester Research, Inc.

Gartner, Inc.

Huron Consulting Group

Inc.

ICF International, Inc.

IQVIA Holdings Inc.

Magellan Health, Inc.

MAXIMUS, Inc.

NV5 Global, Inc.

Paychex, Inc.

PRA Health Sciences, Inc.

PRGX Global, Inc.

Resources Connection, Inc.

Syneos Health, Inc.

Tetra Tech, Inc.

The Hackett Group, Inc.

Vectrus, Inc.

Willdan Group, Inc.

SIC 874

Exponent, Inc.

Huron Consulting Group

Inc.

ICF International, Inc.

Magellan Health, Inc.

MAXIMUS, Inc.

The Hackett Group, Inc.

Vectrus, Inc.

Appendix B:

SIC Codes in which Companies (Main Set) are Included

Appendix B is a list of the SIC codes in which each of the companies in the Main Set of companies are included in the 2019 Valuation Handbook – U.S. Industry Cost of Capital (data through December 2019).

1347 Property Insurance Holdings, Inc.	PIH	6	63	633		Allison Transmission Holdings, Inc.	ALSN	3	37	371	3714
1-800-FLOWERS.COM, Inc.	FLWS	5	59	033		Ally Financial Inc.	ALLY	6	61	3/1	3/14
1st Constitution Bancorp	FCCY	6	60	602		Alphabet Inc.	GOOGL	7	73	737	
1st Source Corporation	SRCE	6	60	602		Altra Industrial Motion Corp.	AIMC	3	35	356	
A. O. Smith Corporation	AOS	3	36	002		Altria Group, Inc.	MO	2	33	330	
AAON, Inc.	AAON	3	35			Amazon.com, Inc.	AMZN	5	59		
AAR Corp.	AIR	5	50			AMC Networks Inc.	AMCX	4	48	483	4833
AbbVie Inc.	ABBV	2	28	283	2836	AMCON Distributing Company	DIT	5	51	400	4000
Abercrombie & Fitch Co.	ANF	5	56	565	2000	Amedisys, Inc.	AMED	8	80		
Abiomed, Inc.	ABMD	3	38	384	3841	AMERCO	UHAL	7	00		
ABM Industries Incorporated	ABM	7	73	304	3041	Ameren Corporation	AEE	4	49	493	4931
Acadia Healthcare Company,		ı	13			Ameresco, Inc.	AMRC	1	16	430	4301
Inc.	ACHC	8	80			America First Multifamily					
Acadia Realty Trust	AKR	6	67		6798	Investors, L.P.	ATAX	6	67		
ACCO Brands Corporation	ACCO	2	27			American Airlines Group Inc.	AAL	4	45	451	
ACI Worldwide, Inc.	ACIW	7	73	737		American Assets Trust, Inc.	AAT	6	67		6798
Acme United Corporation	ACU	3	34	342		American Axle & Manufacturing					
ACNB Corporation	ACNB	6	60	602		Holdings, Inc.	AXL	3	37	371	3714
Activision Blizzard, Inc.	ATVI	7	73	737	7372	American Campus	4.00	_	67		6700
Acuity Brands, Inc.	AYI	3	36			Communities, Inc.	ACC	6	67		6798
Adams Resources & Energy, Inc.	AE	5	51	517		American Eagle Outfitters, Inc. American Electric Power	AEO	5	56		
Addus HomeCare Corporation	ADUS	8	80			Company, Inc.	AEP	4	49		
Adobe Inc.	ADBE	7	73	737		American Equity Investment					
Adtalem Global Education Inc.	ATGE	8	82			Life Holding Company	AEL	6	63	631	
ADTRAN, Inc.	ADTN	3	36	366		American Express Company	AXP	6	61		
Advance Auto Parts, Inc. Advanced Drainage Systems,	AAP	5	55			American Financial Group, Inc. American International Group,	AFG	6	63		
Inc. Advanced Energy Industries,	WMS	3	30	308		Inc. American National Bankshares	AIG	6	63	633	
Inc.	AEIS	3	36	367		Inc.	AMNB	6	60	602	
AeroVironment, Inc.	AVAV	3	37			American National Insurance	A N I A T	_	60		
Affiliated Managers Group, Inc.	AMG	6	62	628		Company American Outdoor Brands	ANAT	6	63		
Aflac Incorporated	AFL	6	63	632		Corporation	AOBC	3			
AGCO Corporation	AGCO	3	35			American Public Education, Inc.	APEI	8	82		
Agree Realty Corporation	ADC	6	67		6798	American Realty Investors, Inc.	ARL	6	65	651	
Air Lease Corporation	AL	7	73	735		American River Bankshares	AMRB	6	60	602	
Air Products and Chemicals,	ADD	0	00	001		American Shared Hospital					
Inc. Air Transport Services Group,	APD	2	28	281		Services	AMS	8	80	809	
Inc.	ATSG	4				American Software, Inc.	AMSWA	7	73	737	7372
Akamai Technologies, Inc.	AKAM	7	73	737		American States Water Company	AWR	4	49	494	
Alamo Group Inc.	ALG	3	35	101		American Tower Corporation	AVVN	4	49	434	
Alaska Air Group, Inc.	ALK	4	45	451		(REIT)	AMT	6	67		6798
Alaska Communications						American Vanguard	A\/D	0	00	007	
Systems Group, Inc.	ALSK	4	48	481	4813	Corporation American Water Works	AVD	2	28	287	
Albemarle Corporation	ALB	2	28			Company, Inc.	AWK	4	49	494	
Alcentra Capital Corporation	ABDC	6	67			American Woodmark	AVVIX	7	73	7.77	
Alerus Financial Corporation	ALRS	6	60	602		Corporation	AMWD	2	24		
Alexander's, Inc.	ALX	6	67		6798	Ameriprise Financial, Inc.	AMP	6	62	621	
Alexandria Real Estate Equities,						Ameris Bancorp	ABCB	6	60	602	
Inc.	ARE	6	67		6798	Amerisafe, Inc.	AMSF	6	63	633	
Alexion Pharmaceuticals, Inc.	ALXN	2	28	283	2836	AmeriServ Financial, Inc.	ASRV	6	60	602	
Align Technology, Inc.	ALGN	3	38	384		AmerisourceBergen					
Alleghany Corporation	Υ	6	63	633		Corporation	ABC	5	51	512	
Allegiant Travel Company	ALGT	4	45	451		Ames National Corporation	ATLO	6	60	602	
ALLETE, Inc.	ALE	4	49	493	4931	AMETEK, Inc.	AME	3			
Alliance Resource Partners, L.P.	ARLP	1				Amgen Inc.	AMGN	2	28	283	2836
AllianceBernstein Holding L.P.	AB	6	67			Amkor Technology, Inc.	AMKR	3	36	367	3674
Alliant Energy Corporation	LNT	4	49	493	4931	AMN Healthcare Services, Inc.	AMN	7	73	736	7361
Allied Motion Technologies Inc.	AMOT	3	36	362	3621	Amphenol Corporation	APH	3	36	367	

Amtech Systems, Inc.	ASYS	3	35	355	3559	ATN International, Inc.	ATNI	4	48	481	4812
Analog Devices, Inc.	ADI	3	36	367	3674	Atrion Corporation	ATRI	3	38	384	3841
ANI Pharmaceuticals, Inc.	ANIP	2	28	283	2834	Auburn National					
Anika Therapeutics, Inc.	ANIK	2	28	283	2836	Bancorporation, Inc.	AUBN	6	60	602	
Anixter International Inc.	AXE	5	50	506		Autoliv, Inc.	ALV	3	37	371	3714
Annaly Capital Management,			67		6700	AutoNation, Inc.	AN	5	55		6700
Inc.	NLY	6	67		6798	AvalonBay Communities, Inc.	AVB	6	67		6798
ANSYS, Inc.	ANSS	7	73	737	7372	Avery Dennison Corporation	AVY	2	26	400	1001
Anthem, Inc. Anworth Mortgage Asset	ANTM	6	63	632	6324	Avista Corporation	AVA	4	49	493	4931
Corporation	ANH	6	67		6798	Avnet, Inc.	AVT	5	50	506	
Apartment Investment and	7 (1 41 1	Ü	01		0130	AVX Corporation	AVX	3	36	367	7070
Management Company	AIV	6	67		6798	Aware, Inc.	AWRE	7	73	737	7372
Apollo Commercial Real Estate			0.		0.50	Axcelis Technologies, Inc.	ACLS	3	35	355	3559
Finance, Inc.	ARI	6	67		6798	Axon Enterprise, Inc.	AAXN	3	34	C00	COOF
Apollo Global Management, Inc.	APO	6	62	628		Axos Financial, Inc.	AX	6	60	603	6035
Apollo Investment Corporation	AINV	6	67	020		AXT, Inc.	AXTI	3	36	367	3674
Apple Inc.	AAPL	3	36	366	3663	B&G Foods, Inc.	BGS	2	20	203	
Applied Industrial Technologies,						Badger Meter, Inc.	BMI	3	38	382	2024
Inc.	AIT	5	50			Balchem Corporation	BCPC	2	28 34	283	2834
Applied Materials, Inc.	AMAT	3	35	355	3559	Ball Corporation	BLL	3		C00	COOF
Applied Optoelectronics, Inc.	AAOI	3	36	367	3674	Banc of California, Inc.	BANC	6	60 60	603 602	6035
AptarGroup, Inc.	ATR	3	30	308		BancFirst Corporation BancorpSouth Bank	BANF BXS	6	60	602	
Aramark	ARMK	5	58		5812	Bank First Corporation	BFC	6 6	60	602	
Arbor Realty Trust, Inc.	ABR	6				•	BAC	6	60	602	
ARC Document Solutions, Inc.	ARC	7	73	738		Bank of America Corporation Bank of Commerce Holdings	ВОСН	6	60	602	
ArcBest Corporation	ARCB	4	42		4213	3	ВОСН	6	60	602	
Archer-Daniels-Midland	1011	0	00			Bank of Hawaii Corporation Bank of Marin Bancorp	BMRC	6	60	602	
Company	ADM	2	20			Bank of Marin Bancorp	DIVING	O	00	002	
Ares Capital Corporation	ARCC	6	67			Corporation	BKSC	6	60	602	
Ares Commercial Real Estate	AODE	_	C 7		6700	Bank of the James Financial					
Corporation	ACRE	6	67	600	6798	Group, Inc.	BOTJ	6	60	602	
Ares Management Corporation	ARES	6	62	628		Bank OZK	OZK	6	60	602	
Argan, Inc.	AGX	8	87	0.57		BankFinancial Corporation	BFIN	6	60	602	
Arista Networks, Inc.	ANET	3	35	357	F010	BankUnited, Inc.	BKU	6	60	602	
Ark Restaurants Corp.	ARKR	5	58		5812	Bankwell Financial Group, Inc.	BWFG	6	60	602	
Armada Hoffler Properties, Inc. Armstrong World Industries,	AHH	6	67		6798	Banner Corporation	BANR	6	60	602	
Inc.	AWI	3	32			Bar Harbor Bankshares	BHB	6	60	602	
Arrow Electronics, Inc.	ARW	5	50			Barnes Group Inc.	В	3			
Arrow Financial Corporation	AROW	6	60	602		Barrett Business Services, Inc.	BBSI	7	73	736	7363
Artesian Resources Corporation	ARTNA	4	49	494		Bassett Furniture Industries,					
Arthur J. Gallagher & Co.	AJG	6	64			Incorporated	BSET	2	25	251	
Artisan Partners Asset						Baxter International Inc.	BAX	2	28	283	2834
Management Inc.	APAM	6	62	628		BayCom Corp	BCML	6	60	602	
Asbury Automotive Group, Inc.	ABG	5	55			BBX Capital Corporation	BBX	6	60	603	6035
ASGN Incorporated	ASGN	7	73	736	7363	BCB Bancorp, Inc.	BCBP	6	60	602	
Ashland Global Holdings Inc.	ASH	2	28			Beacon Roofing Supply, Inc.	BECN	5	50		
Aspen Technology, Inc.	AZPN	7	73	737	7372	Beasley Broadcast Group, Inc.	BBGI	4	48	483	4832
Associated Banc-Corp	ASB	6	60	602		Beazer Homes USA, Inc.	BZH	1	15		
Assurant, Inc.	AIZ	6	63			Becton, Dickinson and Company	BDX	2	38	384	3841
Asta Funding, Inc.	ASFI	6	61			Belden Inc.	BDC	3	38 36	384 367	J041
Astec Industries, Inc.	ASTE	3	35	353		Benchmark Electronics, Inc.	BHE	3	36	367	3672
Astronics Corporation	ATRO	3	36			Berkshire Hills Bancorp, Inc.	BHLB	6	60	602	JU1 Z
AstroNova, Inc.	ALOT	3				Best Buy Co., Inc.	BBY	5	57	UUZ	
AT&T Inc.	Т	4	48	481	4812	BG Staffing, Inc.	BGSF	7	73		
Atlantic American Corporation	AAME	6	63			BGC Partners, Inc.	BGCP	6	10		
Atlantic Union Bankshares						Big 5 Sporting Goods	טטטר	U			
Corporation	AUB	6	60	602		Corporation	BGFV	5	59	594	
Atlas Air Worldwide Holdings,	V V/VV	1	<i>A</i>			Big Lots, Inc.	BIG	5	53	533	
Inc. Atmos Energy Corporation	AAWW	4	45 49	400	4924	Biogen Inc.	BIIB	2	28	283	2836
Atmos Energy Corporation	ATO	4	49	492	4924	Bio-Rad Laboratories, Inc.	BIO	3	38	382	3826

BioSpecifics Technologies	DOTO	0	00	000	2024	Caleres, Inc.	CAL	3	31		
Corp.	BSTC	2	28	283	2834	California Water Service Group	CWT	4	49	494	
Bio-Techne Corporation	TECH	2	28	283		Callaway Golf Company	ELY	3	39		
BioTelemetry, Inc.	BEAT	8	80	809	F010	Callon Petroleum Company	CPE	1	13	131	
BJ's Restaurants, Inc.	BJRI	5	58		5812	Cambridge Bancorp	CATC	6	60	602	
BK Technologies Corporation	BKTI	3	36	366	3663	Camden National Corporation	CAC	6	60	602	
Black Hills Corporation	BKH	4	49			Camden Property Trust	CPT	6	67		6798
Blackbaud, Inc.	BLKB	7	73	737		Campbell Soup Company	CPB	2	20		
BlackRock Capital Investment						Cantel Medical Corp.	CMD	3	38	384	
Corporation	BKCC	6	67			Canterbury Park Holding					
BlackRock TCP Capital Corp.	TCPC	6	67			Corporation	CPHC	7	79		
BlackRock, Inc.	BLK	6	62	628		Capital City Bank Group, Inc.	CCBG	6	60	602	
Blackstone Mortgage Trust, Inc.	BXMT	6	67		6798	Capital One Financial	005	_			
Bloomin' Brands, Inc.	BLMN	5	58		5812	Corporation	COF	6	67		
Boise Cascade Company	BCC	5	50			Capital Southwest Corporation	CSWC	6	67	600	6005
BOK Financial Corporation	BOKF	6	60	602		Capitol Federal Financial, Inc.	CFFN	6	60	603	6035
Booking Holdings Inc.	BKNG	7	73	737		Cardinal Health, Inc.	CAH	5	51	512	
Boot Barn Holdings, Inc.	BOOT	5	56			CareTrust REIT, Inc.	CTRE	6	67		6798
Booz Allen Hamilton Holding		_	_			Carolina Financial Corporation	CARO	6	60	602	
Corporation	BAH	7	73	737		Carpenter Technology Corporation	CRS	3	33	331	
BorgWarner Inc.	BWA	3	37	371	3714	'			33	331	
Boston Private Financial	DDELL	_	C 0	C00		Carriage Services, Inc.	CSV	7	Γ0		F010
Holdings, Inc.	BPFH	6	60	602	6700	Carrols Restaurant Group, Inc.	TAST	5	58	600	5812
Boston Properties, Inc.	BXP	6	67	004	6798	Carter Bank & Trust	CARE	6	60	602	
Boston Scientific Corporation	BSX	3	38	384		Carter's, Inc.	CRI	2	23		
Bowl America Incorporated	BWL.A	7	79			Casey's General Stores, Inc.	CASY	5	54	541	
Boyd Gaming Corporation	BYD	7	79	799		Cass Information Systems, Inc.	CASS	7	73	738	
BP Prudhoe Bay Royalty Trust	BPT	6	67			Catalent, Inc.	CTLT	2	28	283	
Brady Corporation	BRC	3	39			Caterpillar Inc.	CAT	3			
Braemar Hotels & Resorts, Inc.	BHR	6	67		6798	Cathay General Bancorp	CATY	6	60	602	
Brandywine Realty Trust	BDN	6	67		6798	Cavco Industries, Inc.	CVCO	2	24		
Bridge Bancorp, Inc.	BDGE	6	60	602		CB Financial Services, Inc.	CBFV	6	60	602	
Bridgford Foods Corporation	BRID	2	20	201		CBRE Group, Inc.	CBRE	6	65		
Briggs & Stratton Corporation	BGG	3	35			CDK Global, Inc.	CDK	7	73	737	
Bright Horizons Family						CDW Corporation	CDW	5	50	504	5045
Solutions Inc.	BFAM	8				Cedar Fair, L.P.	FUN	7	79	799	
BrightSphere Investment Group	DOLO	_	C 0	C00		Celanese Corporation	CE	2	28		
Inc.	BSIG	6	62	628	0004	Cemtrex, Inc.	CETX	3			
Bristol-Myers Squibb Company	BMY	2	28	283	2834	Centene Corporation	CNC	6	63	632	6324
Brixmor Property Group Inc.	BRX	6	67	067	6798	CenterPoint Energy, Inc.	CNP	4	49		
Broadcom Inc.	AVGO	3	36	367	3674	CenterState Bank Corporation	CSFL	6	60	602	
Broadridge Financial Solutions, Inc.	BR	7	73	737	7373	Central Federal Corporation	CFBK	6	60	603	6035
Broadway Financial Corporation	BYFC	6	60	603	6035	Central Garden & Pet Company	CENTA	5	51	000	0000
	BRKL		60	603	6035	Central Pacific Financial Corp.	CPF	6	60	602	
Brookline Bancorp, Inc.		6		003	0035	Central Valley Community	OFF	O	00	002	
Brown & Brown, Inc.	BRO	6	64	200		Bancorp	CVCY	6	60	602	
Brown-Forman Corporation	BF.B	2	20	208	6700	Century Bancorp, Inc.	CNBKA	6	60	602	
BRT Apartments Corp.	BRT	6	67	000	6798	Century Casinos, Inc.	CNTY	7	79	799	
Bruker Corporation	BRKR	3	38	382	3826	Century Communities, Inc.	CCS	1	15		
Brunswick Corporation	BC	3				CenturyLink, Inc.	CTL	4	48	481	4813
Bryn Mawr Bank Corporation	BMTC	6	60	602		Cerner Corporation	CERN	7	73	737	7373
Builders FirstSource, Inc.	BLDR	2	24			CEVA, Inc.	CEVA	6	67	101	6794
Burlington Stores, Inc.	BURL	5	56			CF Industries Holdings, Inc.	CEVA	2	28	287	0134
BWX Technologies, Inc.	BWXT	3	35				OI	_	20	201	
C&F Financial Corporation	CFFI	6	60	602		Charles River Laboratories International, Inc.	CRL	0	07		
C.H. Robinson Worldwide, Inc.	CHRW	4	42		4213	'		8	87		
Cabot Corporation	CBT	2	28			Charter Communications, Inc.	CHTR	4	48		6700
Cabot Microelectronics	06: :-	-				Chatham Lodging Trust	CLDT	6	67	C00	6798
Corporation	CCMP	2	28			Chemung Financial Corporation	CHMG	6	60	602	
Cabot Oil & Gas Corporation	COG	1	13	131		Cheniere Energy Partners, L.P.	CQP	5	51	517	
CACI International Inc	CACI	7	73	737	7373	Chesapeake Utilities Corporation	CPK	4	49	492	
Cadence Design Systems, Inc.	CDNS	7	73	737	7372	Chevron Corporation	CVX	2	29	291	
						onemon corporation	CVA	_	29	291	

Chicago Rivet & Machine Co.	CVR	3	34			Commercial Metals Company	CMC	3	33	331	
Chico's FAS, Inc.	CHS	5	56			Commercial Vehicle Group, Inc.	CVGI	3	37	371	3714
China Automotive Systems, Inc.	CAAS	3	37	371	3714	CommScope Holding Company, Inc.	COMM	3	36	366	3663
China HGS Real Estate Inc.	HGSH	6	65		5010	Community Bank System, Inc.	CBU	6	60	602	3003
Chipotle Mexican Grill, Inc.	CMG	5	58	004	5812	Community Bankers Trust	ODO	O	00	002	
Church & Dwight Co., Inc.	CHD	2	28	284		Corporation	ESXB	6	60	602	
Churchill Downs Incorporated	CHDN	7	79		F010	Community Trust Bancorp, Inc.	CTBI	6	60	602	
Chuy's Holdings, Inc.	CHUY	5	58	200	5812	Community West Bancshares	CWBC	6	60	602	
Ciena Corporation	CIEN	3	36	366	C00.4	Compass Minerals	01.45	-	7.4		
Cigna Corporation	CI	6	63	632	6324	International, Inc.	CMP	1	14		
Cincinnati Financial Corporation	CINF CNK	6 7	63	633		CompX International Inc. Comtech Telecommunications	CIX	3	34	342	
Cinemark Holdings, Inc. Ciner Resources LP	CINR		14			Corp.	CMTL	3	36	366	3663
Cintas Corporation	CTAS	1 7	14			Conagra Brands, Inc.	CAG	2	20	000	0000
CIRCOR International, Inc.	CIAS	3				CONMED Corporation	CNMD	3	38	384	3845
Cirrus Logic, Inc.	CRUS	3	36	367	3674	ConnectOne Bancorp, Inc.	CNOB	6	60	602	0010
Cisco Systems, Inc.	CSCO	3	35	357	3014	Conn's, Inc.	CONN	5	57	002	
CIT Group Inc.	CIT	6	60	602		ConocoPhillips Company	COP	1	13	131	
Citi Trends. Inc.	CTRN	5	56	565		Consolidated Edison, Inc.	ED.	4	49		
Citigroup Inc.	CIRIN	6	50	505		Consolidated-Tomoka Land Co.	CTO	6	65		
Citizens & Northern Corporation	CZNC	6	60	602		Continental Building Products,		_			
Citizens Community Bancorp,	CZIVC	U	00	002		Inc.	CBPX	3	32		
Inc.	CZWI	6	60	602		Continental Resources, Inc.	CLR	1	13	131	
Citizens Financial Group, Inc.	CFG	6	60	602		Cooper Tire & Rubber Company	CTB	3	30		
Citizens Holding Company	CIZN	6	60	602		Cooper-Standard Holdings Inc.	CPS	3	37	371	3714
Citrix Systems, Inc.	CTXS	7	73	737	7372	Copart, Inc.	CPRT	5	50		
City Holding Company	CHCO	6	60	602		Corcept Therapeutics	0007	0	00	000	0004
City Office REIT, Inc.	CIO	6	67		6798	Incorporated	CORT	2	28	283	2834
Civista Bancshares, Inc.	CIVB	6	60	602		Core Molding Technologies, Inc.	CMT	3	30	308	6700
Clearfield, Inc.	CLFD	3	36	367		CoreCivic, Inc.	CXW	6	67	707	6798
Clearwater Paper Corporation	CLW	2	26			CoreLogic, Inc. Core-Mark Holding Company,	CLGX	7	73	737	7374
CME Group Inc.	CME	6	62			Inc.	CORE	5	51		
CMS Energy Corporation	CMS	4	49			CorEnergy Infrastructure Trust,		_			
CNA Financial Corporation	CNA	6	63	633		Inc.	CORR	6	67		6798
CNB Financial Corporation	CCNE	6	60	602		CoreSite Realty Corporation	COR	6	67		6798
CNO Financial Group, Inc.	CNO	6	63	632		Cornerstone Building Brands,					
CNX Midstream Partners LP	CNXM	4	49	492	4922	Inc.	CNR	3	34		
Coca-Cola Consolidated, Inc.	COKE	2	20	208		Corning Incorporated Corporate Office Properties	GLW	3			
Coda Octopus Group, Inc.	CODA	3	38			Trust	OFC	6	67		6798
Codorus Valley Bancorp, Inc.	CVLY	6	60	602		Cortland Bancorp	CLDB	6	60	602	0130
Coffee Holding Co., Inc.	JVA	5	51			CorVel Corporation	CRVL	6	64	002	
Cogent Communications	0001		4.0	401	1010	CoStar Group, Inc.	CSGP	7	73	737	
Holdings, Inc.	CCOI	4	48	481	4813	Costco Wholesale Corporation	COST	5	53	101	
Cognex Corporation	CGNX	3	38	382		Cousins Properties		_			
Cognizant Technology	OTOLI	7	70	707		Incorporated	CUZ	6	67		6798
Solutions Corporation	CTSH	7	73	737		Covanta Holding Corporation	CVA	4	49	495	
Cohen & Steers, Inc.	CNS	6	62	628	0000	Covenant Transportation	0) (T)		4.0		407.0
Coherent, Inc.	COHR	3	38	382	3826	Group, Inc.	CVTI	4	42	600	4213
Cohu, Inc.	COHU	3	38	382	3825	Cowen Inc.	COWN	6	62	628	
Colfax Corporation	CFX	3	35	004		CRA International, Inc.	CRAI	8			
Colgate-Palmolive Company	CL	2	28	284		Cracker Barrel Old Country Store, Inc.	CBRL	5	58		5812
Collectors Universe, Inc.	CLCT	7	73	738		Craft Brew Alliance, Inc.	BREW	2	20	208	JUIZ
Colony Bankcorp, Inc.	CBAN	6	60	602		Crane Co.	CR	3	20	200	
Columbia Banking System, Inc.	COLB	6	60	602	6700	Crawford & Company	CRD.A	6	64		
Columbia Property Trust, Inc.	CXP	6	67		6798	Credit Acceptance Corporation	CACC	6	61	614	
Columbia Sportswear Company Columbus McKinnon	COLM	2	23			Cross Country Healthcare, Inc.	CCRN	7	73	736	7363
Columbus McKinnon Corporation	CMCO	3	35	353		Cross Timbers Royalty Trust	CCRIN	6	67	100	1 303
Comerica Incorporated	CMA	6	60	602		CrossAmerica Partners LP	CAPL	5	51	517	
Comfort Systems USA, Inc.	FIX	1	00	502		Crown Castle International	UAFL	J	JI	JII	
Commerce Bancshares, Inc.	CBSH	6	60	602		Corp. (REIT)	CCI	6	67		6798
Commerce Danconarco, Inc.	00011	J	00	JUZ							

Crown Crafts, Inc.	CRWS	2	22			_	Donaldson Company, Inc.	DCI	3			
Crown Holdings, Inc.	CCK	3	34				Donegal Group Inc.	DGICA	6	63	633	
CSG Systems International, Inc.	CSGS	7	73	737	7374		Dorchester Minerals, L.P.	DMLP	6	67		
CSP Inc.	CSPI	7	73	737	7373		Dorman Products, Inc.	DORM	3	37	371	3714
CSX Corporation	CSX	4					Douglas Dynamics, Inc.	PLOW	3			
CTS Corporation	CTS	3	36	367			Douglas Emmett, Inc.	DEI	6	67		6798
CubeSmart	CUBE	6	67		6798		Dover Corporation	DOV	3	35		
Cubic Corporation	CUB	3					Dover Motorsports, Inc.	DVD	7	79		
Cullen/Frost Bankers, Inc.	CFR	6	60	602			Dril-Quip, Inc.	DRQ	3	35	353	
Culp, Inc.	CULP	2	22				DTE Energy Company	DTE	4	49	493	4931
Curtiss-Wright Corporation	CW	3					Ducommun Incorporated	DCO	3	37		
Customers Bancorp, Inc.	CUBI	6	60	602			Duke Energy Corporation	DUK	4	49	493	4931
CVB Financial Corp.	CVBF	6	60	602			Duke Realty Corporation	DRE	6	67		6798
CVD Equipment Corporation	CVV	3	35	355	3559		Dunkin' Brands Group, Inc.	DNKN	5	58		5812
CVR Energy, Inc.	CVI	2	29	291			DuPont de Nemours, Inc.	DD	2	28		
CVS Health Corporation	CVS	5	59				DXC Technology Company	DXC	7	73	737	
CyberOptics Corporation	CYBE	3	38	382			E*TRADE Financial Corporation	ETFC	6	62	621	
CynergisTek, Inc.	CTEK	7	73	737	7374		Eagle Bancorp, Inc.	EGBN	6	60	602	
D.R. Horton, Inc.	DHI	1	15				Eagle Materials Inc.	EXP	3	32		
Daktronics, Inc.	DAKT	3	39				East West Bancorp, Inc.	EWBC	6	60	602	
Dana Incorporated	DAN	3	37	371	3714		EastGroup Properties, Inc.	EGP	6	67		6798
Danaher Corporation	DHR	3	38				Eastman Chemical Company	EMN	2	28		
Darden Restaurants, Inc.	DRI	5	58		5812		Eaton Vance Corp.	EV	6	62	628	
Darling Ingredients Inc.	DAR	2	20				eBay Inc.	EBAY	7	73	737	
Data I/O Corporation	DAIO	3	38	382	3825		Ebix. Inc.	EBIX	7	73	737	7372
Dave & Buster's Entertainment,		_					Echo Global Logistics, Inc.	ECHO	4	47	473	
Inc.	PLAY	5	58				EchoStar Corporation	SATS	3	36	366	3663
DaVita Inc.	DVA	8	80	809			Edison International	EIX	4	49	491	0000
DCP Midstream, LP	DCP	1	13	131			Edwards Lifesciences	LIX		15	151	
Deere & Company	DE	3	35				Corporation	EW	3	38	384	3842
Delek Logistics Partners, LP	DKL	5	51	517			El Paso Electric Company	EE	4	49	491	
Delek US Holdings, Inc.	DK	2	29	291			El Pollo Loco Holdings, Inc.	LOCO	5	58		5812
Delta Air Lines, Inc.	DAL	4	45	451			Eldorado Resorts, Inc.	ERI	7	79	799	
Delta Apparel, Inc.	DLA	2	23				Electromed, Inc.	ELMD	3	38	384	3845
Deluxe Corporation	DLX	2	27				Electronic Arts Inc.	EA	7	73	737	7372
Denny's Corporation	DENN	5	58		5812		Electro-Sensors, Inc.	ELSE	3	38	382	
Designer Brands Inc.	DBI	5	56				Eli Lilly and Company	LLY	2	28	283	2834
DHI Group, Inc.	DHX	7	73	736	7361		Elmira Savings Bank	ESBK	6	60	603	6035
Diamond Hill Investment Group,	2	•					Emclaire Financial Corp	EMCF	6	60	602	0000
Inc.	DHIL	6	62	628			EMCOR Group, Inc.	EME	1		002	
Diamondback Energy, Inc.	FANG	1	13	131			Emergent BioSolutions Inc.	EBS	2	28	283	2836
DiamondRock Hospitality							Emerson Electric Co.	EMR	3	20	200	2000
Company	DRH	6	67		6798		Empire State Realty Trust, Inc.	ESRT	6	67		6798
DICK'S Sporting Goods, Inc.	DKS	5	59	594			Employers Holdings, Inc.	EIG	6	63	633	0130
Digi International Inc.	DGII	3	35	357			Enable Midstream Partners, LP	ENBL	4	49	492	4922
Digital Realty Trust, Inc.	DLR	6	67		6798		Enanta Pharmaceuticals, Inc.	ENTA			283	2836
Dillard's, Inc.	DDS	5	53						2	28	203	2830
Dime Community Bancshares,							Encompass Health Corporation	EHC	8	80		
Inc.	DCOM	6	60	603	6035		Encore Capital Group, Inc.	ECPG	6	61		
Diodes Incorporated	DIOD	3	36	367	3674		Encore Wire Corporation	WIRE	3	33		
Discover Financial Services	DFS	6	61	614			Energy Transfer LP	ET	4			
Discovery, Inc.	DISCA	4	48				EnerSys	ENS	3	36	369	
DISH Network Corporation	DISH	4	48				Enova International, Inc.	ENVA	6	61	614	
DiversiFax, Inc.,	GURE	2	28	281			EnPro Industries, Inc.	NPO	3			
Diversified Healthcare Trust	DHC	6	67		6798		Entegris, Inc.	ENTG	3	35	355	3559
DLH Holdings Corp.	DLHC	8	80	809			Entergy Corporation	ETR	4	49	491	
Dolby Laboratories, Inc.	DLB	6	67		6794		Enterprise Bancorp, Inc.	EBTC	6	60	602	
Dollar General Corporation	DG	5	53	533			Enterprise Financial Services	FFCC	_	C 0	CO0	
Dollar Tree, Inc.	DLTR	5	53	533			Corp	EFSC	6	60	602	
Dominion Energy, Inc.	D	4	49				EOG Resources, Inc.	EOG	1	13	131	
Domtar Corporation	UFS	2	26	262			EPAM Systems, Inc.	EPAM	7	73	737	FO 45
							ePlus inc.	PLUS	5	50	504	5045

EPR Properties	EPR	6	67		6798	Fidelity National Information	
EQM Midstream Partners, LP	EQM	4	49	492	4922	•	37 7374
Equifax Inc.	EFX	7	73		6700	Fidus Investment Corporation FDUS 6 67	5010
Equinix, Inc. (REIT)	EQIX	6	67		6798	Fiesta Restaurant Group, Inc. FRGI 5 58	5812
Equity Commonwealth	EQC	6	67		6798	,	02
Equity LifeStyle Properties, Inc.	ELS	6	67		6798		02
Equity Residential	EQR	6	67		6798		37 7372
Era Group Inc.	ERA	4	45			First American Financial Corporation FAF 6 63	
Erie Indemnity Company	ERIE	6	64			•	02
Escalade, Incorporated	ESCA	3	39			•	02
ESCO Technologies Inc.	ESE	3				·	
Espey Mfg. & Electronics Corp.	ESP	3	36	367			02
ESSA Bancorp, Inc.	ESSA	6	60	603	6036	First Busey Corporation BUSE 6 60 6 First Business Financial	02
Essex Property Trust, Inc.	ESS	6	67		6798		02
Ethan Allen Interiors Inc.	ETH	2	25	251		•	02
Euronet Worldwide, Inc.	EEFT	6	60				02
Evans Bancorp, Inc.	EVBN	6	60	602			UZ
Evercore Inc.	EVR	6	62			First Commonwealth Financial	00
Ever-Glory International Group,						Corporation FCF 6 60 6 First Community Bankshares,	02
Inc.	EVK	2	23				02
Evergy, Inc.	EVRG	4	49	493	4931		02
Eversource Energy	ES	4	49	493	4931		03 6035
EVERTEC, Inc.	EVTC	7	73	737	7374	'	03 0033
EVI Industries, Inc.	EVI	5	50			•	02
Evolution Petroleum						The state of the s	
Corporation	EPM	1	13	131		·	02 02
Evolving Systems, Inc.	EVOL	7	73	737			
Exelixis, Inc.	EXEL	2	28	283	2836		02
Exelon Corporation	EXC	4	49	491			02
Expedia Group, Inc.	EXPE	4	47			First Horizon National Corporation FHN 6 60 6	02
Expeditors International of						•	6798
Washington, Inc.	EXPD	4	47	473			
Exponent, Inc.	EXPO	8	87	874		First Internet Bancorp INBK 6 60 6 First Interstate BancSystem,	02
Express, Inc.	EXPR	5	56				02
Extended Stay America, Inc.	STAY	7	70				02
Extra Space Storage Inc.	EXR	6	67		6798		02
Exxon Mobil Corporation	XOM	2	29	291	0.50		02
EZCORP, Inc.	EZPW	5	59	231		• •	02
F.N.B. Corporation	FNB	6	60	602		·	02
F5 Networks, Inc.	FFIV	7	73	737	7373	First Republic Bank FRC 6 60 6 First Savings Financial Group,	JZ
	FB				1313		02
Facebook, Inc.		7	73	737			67 3674
FactSet Research Systems Inc.	FDS	7	73	737	7070		02
Fair Isaac Corporation	FICO	7	73	737	7373	·	02
Farmer Bros. Co.	FARM	2	20			First Os Bandshares, Inc. FOSB 6 60 6 FirstCash, Inc. FCFS 5 59	UZ
Farmers & Merchants Bancorp, Inc.	FMAO	6	60	603	6035		37 7374
Farmers National Banc Corp.	FMNB	6	60	602	0000	•	
Farmland Partners Inc.			67	002	6700		33
	FPI	6		202	6798	9	03 6035
FARO Technologies, Inc.	FARO	3	38	382		Flanigan's Enterprises, Inc. BDL 5 58	5812
Fastenal Company	FAST	5	50	C00		<i>y</i> ,	37 7374
Fauquier Bankshares, Inc.	FBSS	6	60	602		Flexible Solutions International Inc. FSI 2 28 2	81
FBL Financial Group, Inc.	FFG	6	63	631			51
Federal Agricultural Mortgage						•	UΙ
Corporation	AGM	6	61			FLIR Systems, Inc. FLIR 3 38	
Federal Realty Investment Trust	FRT	6	67		6798	Flowers Foods, Inc. FLO 2 20	
Federal Signal Corporation	FSS	3	37	371		Flowserve Corporation FLS 3	
FedEx Corporation	FDX	4				Fluor Corporation FLR 1 16	
FedNat Holding Company	FNHC	6	63	633		9	02
Ferro Corporation	FOE	2	28			·	87
Fidelity D & D Bancorp, Inc.	FDBC	6	60	602			02
Fidelity National Financial, Inc.	FNF	6	63			FONAR Corporation FONR 8 80	

Foot Locker, Inc.	FL	5	56			Graham Corporation	GHM	3	34		
FormFactor, Inc.	FORM	3	38	382	3825	Grand Canyon Education, Inc.	LOPE	8	82		
Forrester Research, Inc.	FORR	8	87			Granite Construction Incorporated	GVA	1	16		
Fortinet, Inc.	FTNT	3	35	357	3577	Graphic Packaging Holding	GVA	ı	10		
Forward Air Corporation	FWRD	4	42			Company	GPK	2	26	265	
Fossil Group, Inc.	FOSL	3	38			Gray Television, Inc.	GTN	4	48	483	48
Fox Factory Holding Corp.	FOXF	3	37			Great Southern Bancorp, Inc.	GSBC	6	60	602	70
Francesca's Holdings						Great Western Bancorp, Inc.	GWB	6	60	602	
Corporation	FRAN	5	56			Green Brick Partners, Inc.	GRBK	1	15	002	
Franchise Group, Inc.	FRG	7				•	GDOT		73	738	
Franklin Covey Co.	FC	8	82			Green Dot Corporation		7			-
Franklin Electric Co., Inc.	FELE	3	36	362	3621	Greene County Bancorp, Inc.	GCBC	6	60	603	60
Franklin Financial Network, Inc.	FSB	6	60	602		Greenhill & Co., Inc.	GHL	6	62	628	
Franklin Financial Services						Greif, Inc.	GEF	2	26	265	
Corporation	FRAF	6	60	602		Griffin Industrial Realty, Inc.	GRIF	6	65	651	
Franklin Resources, Inc.	BEN	6	62	628		Griffon Corporation	GFF	3	34		
Franklin Street Properties Corp.	FSP	6	67		6798	Group 1 Automotive, Inc.	GPI	5	55		
Friedman Industries,				001		Grubhub Inc.	GRUB	7	73	737	
Incorporated	FRD	3	33	331		Guaranty Federal Bancshares,	0 ====	_			
FS Bancorp, Inc.	FSBW	6	60	603	6036	Inc.	GFED	6	60	602	
FS KKR Capital Corp.	FSK	6	67			Guess?, Inc.	GES	2	23		
FSB Bancorp, Inc.	FSBC	6	60	603	6036	Guidewire Software, Inc.	GWRE	7	73	737	73
Fulton Financial Corporation	FULT	6	60	602		H&R Block, Inc.	HRB	7			
FutureFuel Corp.	FF	2	28	286		H.B. Fuller Company	FUL	2	28		
FVCBankcorp, Inc.	FVCB	6	60	602		Haemonetics Corporation	HAE	3	38	384	38
GAIN Capital Holdings, Inc.	GCAP	6	62			Hallador Energy Company	HNRG	1			
GAMCO Investors, Inc.	GBL	6	62	628		Hallmark Financial Services,					
GameStop Corp.	GME	5	57			Inc.	HALL	6	63	633	
Gaming and Leisure Properties,						Hancock Whitney Corporation	HWC	6	60	602	
Inc.	GLPI	6	67		6798	Hanesbrands Inc.	HBI	2	23		
Gannett Co., Inc.	GCI	2	27			Hanmi Financial Corporation	HAFC	6	60	602	
Garrison Capital Inc.	GARS	6	67			Hannon Armstrong Sustainable					
Gartner, Inc.	IT	8	87			Infrastructure Capital, Inc.	HASI	6	67		67
GATX Corporation	GATX	4	47			Harley-Davidson, Inc.	HOG	3	37		
Genasys Inc.	GNSS	3	36			Harsco Corporation	HSC	3			
Gencor Industries, Inc.	GENC	3	35	356		Harvest Capital Credit					
Generac Holdings Inc.	GNRC	3	36	362	3621	Corporation	HCAP	6	67		
General Dynamics Corporation	GD	3				Hasbro, Inc.	HAS	3	39		
General Mills, Inc.	GIS	2	20			Haverty Furniture Companies,					
General Motors Company	GM	3	37	371		Inc.	HVT	5	57		
Genesco Inc.	GCO	5	56	011		Hawaiian Electric Industries,	LIE	1	40	401	
Gentex Corporation	GNTX	3	37	371	3714	Inc.	HE	4	49	491	
Gentherm Incorporated	THRM	3	37	371	3714	Hawaiian Holdings, Inc.	HA	4	45	451	
				3/1	3114	Hawthorn Bancshares, Inc.	HWBK	6	60	602	
Genuine Parts Company	GPC	5	50	600		Haynes International, Inc.	HAYN	3	33	331	
German American Bancorp, Inc.	GABC	6	60	602	6760	HCI Group, Inc.	HCI	6	63	633	
Getty Realty Corp.	GTY	6	67		6798	HD Supply Holdings, Inc.	HDS	5	50		
G-III Apparel Group, Ltd.	GIII	2	23		0000	Health Insurance Innovations,	ШО	c	<i>E A</i>		
Gilead Sciences, Inc.	GILD	2	28	283	2836	Inc. Healthcare Realty Trust	HIIQ	6	64		
Glacier Bancorp, Inc.	GBCI	6	60	602		Incorporated	HR	6	67		67
Gladstone Capital Corporation	GLAD	6	67			Healthcare Trust of America,	1111	J	01		01
Gladstone Investment	O A 15.1	_	c =			Inc.	HTA	6	67		67
Corporation	GAIN	6	67		6766	HealthEquity, Inc.	HQY	7	73	737	
Gladstone Land Corporation	LAND	6	67		6798	Healthpeak Properties, Inc.	PEAK	6	67		67
Glen Burnie Bancorp	GLBZ	6	60	602		HealthStream, Inc.	HSTM	7	73	737	73
	GLP	5	51	517		Heartland Express, Inc.	HTLD	4	42	101	42
Global Partners LP		7	73	737	7372	Heartland Financial USA, Inc.	HTLF	6	60	602	42
Global Partners LP	GSB	1				HEICO Corporation			OU	UUZ	
Global Partners LP	GSB GL	6	63								
Global Partners LP GlobalSCAPE, Inc.			63 38	384	3841		HEI	3			
Global Partners LP GlobalSCAPE, Inc. Globe Life Inc.	GL	6		384	3841	Heidrick & Struggles			73	736	73
Global Partners LP GlobalSCAPE, Inc. Globe Life Inc. Globus Medical, Inc.	GL GMED	6		384	3841	Heidrick & Struggles International, Inc.	HSII	7	73 34	736 349	73
Global Partners LP GlobalSCAPE, Inc. Globe Life Inc. Globus Medical, Inc. Gold Resource Corporation	GL GMED GORO	6 3 1	38	384	3841	Heidrick & Struggles			73 34 13	736 349	73

Hemisphere Media Group, Inc.	HMTV	4	48	483	4833		ledical, Inc.	ICUI	3	38	384	3841
Hennessy Advisors, Inc.	HNNA	6	62	628		IDACC	DRP, Inc.	IDA	4	49	491	
Henry Schein, Inc.	HSIC	5	50	504		IDEX (Corporation	IEX	3	35		
Hercules Capital, Inc.	HTGC	6	67			IDEXX	(Laboratories, Inc.	IDXX	2	28	283	2835
Heritage Commerce Corp	HTBK	6	60	602		IDT Co	orporation	IDT	4	48	481	4813
Heritage Financial Corporation	HFWA	6	60	602		IEC El	ectronics Corp.	IEC	3	36	367	3672
Heritage Insurance Holdings,						IES Ho	oldings, Inc.	IESC	1			
Inc.	HRTG	6	63	633			ncorp, Inc.	IROQ	6	60	603	6035
Heritage-Crystal Clean, Inc	HCCI	4	49	495			ncorporated	IIVI	3	38	382	
Herman Miller, Inc.	MLHR	2	25				CS Corporation	IKNX	2	28	284	
Hersha Hospitality Trust	HT	6	67		6798		s Tool Works Inc.	ITW	3		20.	
Heska Corporation	HSKA	2	28	283	2835		na, Inc.	ILMN	3	38	382	3826
Hexcel Corporation	HXL	2	28					IMH	6	61	616	6162
Hibbett Sports, Inc.	HIBB	5	59	594			Mortgage Holdings, Inc. ne Opportunity Realty	IIVIII	O	01	010	0102
Highwoods Properties, Inc.	HIW	6	67		6798		tors, Inc.	IOR	6	61	616	6162
Hillenbrand, Inc.	HI	3	٠.		0.50		endence Holding			٠.	0.0	0.02
Hilltop Holdings Inc.	HTH	6				Comp		IHC	6	63	632	
Hilton Worldwide Holdings Inc.	HLT	7	70			Indep	endence Realty Trust, Inc.	IRT	6	67		6798
_	HIFS	6	60	603	6036		endent Bank Corp.	INDB	6	60	602	
Hingham Institution for Savings							endent Bank Corporation	IBCP	6	60	602	
HMN Financial, Inc.	HMNF	6	60	603	6035	·	endent Bank Group, Inc.	IBTX	6	60	602	
HMS Holdings Corp.	HMSY	6	64				nation Services Group,	IDIX	O	00	002	
HNI Corporation	HNI	2	25			Inc.	,	III	7	73	737	7374
Holly Energy Partners, L.P.	HEP	4	46			Inales	Markets, Incorporated	IMKTA	5	54	541	5411
HollyFrontier Corporation	HFC	2	29	291			dion Incorporated	INGR	2	20		
Hologic, Inc.	HOLX	3	38	384		_	hos Holdings, Inc.	IPHS	2	28	281	
Home Bancorp, Inc.	HBCP	6	60	603	6035		pec Inc.	IOSP	2	28	201	
Home Bancshares, Inc.							iva, Inc.	INVA	2	28	283	2834
(Conway, AR)	HOMB	6	60	602		Inogei	,	INGN	3	38	384	3845
Home Federal Bancorp, Inc. of	LIEDI	_	C 0	600	COOF	9						
Louisiana	HFBL	6	60	603	6035	_	it Enterprises, Inc.	NSIT	5	50	504	5045
HomeStreet, Inc.	HMST	6	60	602			ia Systems, Inc.	ISIG	7	73	706	7000
HomeTrust Bancshares, Inc.	HTBI	6	60	602			rity, Inc.	NSP	7	73	736	7363
Hooker Furniture Corporation	HOFT	2	25	251			led Building Products, Inc.	IBP	1			
Hope Bancorp, Inc.	HOPE	6	60	602			el Industries, Inc.	IIIN	3	33	331	
Horace Mann Educators	1.15.45.1	-	60			Intege	er Holdings Corporation	ITGR	3	38	384	3845
Corporation	HMN	6	63			Integr	a LifeSciences Holdings					
Horizon Bancorp, Inc.	HBNC	6	60	602		Corpo	ration	IART	3	38	384	3842
Horizon Technology Finance Corporation	HRZN	6	67			Intel C	Corporation	INTC	3	36	367	3674
•	HRL	2	20	201		Intellig	gent Systems Corporation	INS	7	73	737	7372
Hormel Foods Corporation				201	6700	Inter F	Parfums, Inc.	IPAR	2	28	284	
Host Hotels & Resorts, Inc. Houston Wire & Cable	HST	6	67		6798	Intera	ctive Brokers Group, Inc.	IBKR	6	62	621	
Company	HWCC	5	50	506		Interc	ontinental Exchange, Inc.	ICE	6	62		
Howard Bancorp, Inc.	HBMD	6	60	602			Digital, Inc.	IDCC	6	67		6794
HP Inc.	HPQ	3	35	357			ace, Inc.	TILE	2	22		0.5.
	HUBG	4	47	473			ational Bancshares	IILL	_	22		
Hub Group, Inc.			47	413			ration	IBOC	6	60	602	
Hubbell Incorporated	HUBB	3	c =		6700		ational Business					
Hudson Pacific Properties, Inc.	HPP	6	67		6798		ines Corporation	IBM	7	73	737	
Humana Inc.	HUM	6	63	632	6324		ational Flavors &					
Huntington Bancshares Incorporated	HBAN	6	60	602		Fragra	ances Inc.	IFF	2	28		
Huntington Ingalls Industries,	HDAIN	O	60	002		Intern	ational Paper Company	IP	2	26		
Inc.	HII	3	37				T Corporation	INTT	3	38	382	3825
Huntsman Corporation	HUN	2	28				on Corporation	IIN	3	38	384	3842
Hurco Companies, Inc.	HURC	3	38	382		Intuit	· ·	INTU	7	73	737	7372
·	HURN	8	30 87	30Z 874			ve Surgical, Inc.	ISRG	3	38	384	3845
Huron Consulting Group Inc.				014			co Mortgage Capital Inc.	IVR	6	67	007	6798
Huttig Building Products, Inc.	HBP	5	50				tar Holding Corporation	ISTR	6	60	602	0130
Hyatt Hotels Corporation Hyster-Yale Materials Handling,	Н	7	70				teorp Credit Management	IOIN	U	UU	UUZ	
Inc.	HY	3	35	353		BDC, I		ICMB	6	67		
IAC/InterActiveCorp	IAC	7	73	737			tors Bancorp, Inc.	ISBC	6	60	603	6036
·			60	602			tors Title Company	ITIC	6	63	500	5550
IBERIABANK Corporation	IBKC	6 8		874			hotonics Corporation	IPGP	3	36	367	3674
ICF International, Inc.	ICFI	Ø	87	014		11 0 F1	notornoo oorporation	11 01	J	50	001	0014

IQVIA Holdings Inc. IQV 8 87 IRadimed Corporation IRMD 3 38 384 Iridium Communications Inc. IRDM 4 48 iRobot Corporation IRBT 3 39 Iron Mountain Incorporated IRM 6 67	3841	Kulicke and Soffa Industries, Inc. L Brands, Inc.	KLIC LB	3 5	35 56	355	3559
Iridium Communications Inc. IRDM 4 48 iRobot Corporation IRBT 3 39	3841	L Brands, Inc.				355	3559
iRobot Corporation IRBT 3 39			LB	5	hh		
•		1011 . 4 1 1	1.1.177	0			
Iron Mountain Incorporated IRM 6 67		L3Harris Technologies, Inc.	LHX	3	38		
	6798	Laboratory Corporation of		0			
Issuer Direct Corporation ISDR 7 73 737		America Holdings	LH	8			
IT Tech Packaging, Inc. ITP 2 26 262		Ladder Capital Corp	LADR	6			
ITT Inc. ITT 3		Lake Shore Bancorp, Inc.	LSBK	6	60	603	6035
J & J Snack Foods Corp. JJSF 2 20		Lakeland Bancorp, Inc.	LBAI	6	60	602	
J.B. Hunt Transport Services,		Lakeland Financial Corporation	LKFN	6	60	602	
Inc. JBHT 4 42	4213	Lakeland Industries, Inc.	LAKE	3	38	384	3842
J.W. Mays, Inc. MAYS 6 65 651		Lam Research Corporation	LRCX	3	35	355	3559
j2 Global, Inc. JCOM 7 73 737		Lamar Advertising Company	LAMD	6	67		6798
Jabil Inc. JBL 3 36 367	3672	(REIT)	LAMR LANC		20	203	0190
Jack Henry & Associates, Inc. JKHY 7 73 737	7373	Lancaster Colony Corporation		2			
Jack in the Box Inc. JACK 5 58	5812	Landec Corporation	LNDC	2	20	203	
JetBlue Airways Corporation JBLU 4 45 451		Landmark Bancorp, Inc. Landmark Infrastructure	LARK	6	60	602	
John B. Sanfilippo & Son, Inc. JBSS 2 20		Partners LP	LMRK	6	65	651	
John Bean Technologies		Landstar System, Inc.	LSTR	4	42		4213
Corporation JBT 3 35		Las Vegas Sands Corp.	LVS	7	79	799	7210
John Wiley & Sons, Inc. JW.A 2 27		Lawson Products, Inc.	LAWS	5	50	133	
Johnson Outdoors Inc. JOUT 3		LCI Industries	LCII	3	37	371	
Jones Lang LaSalle Incorporated JLL 6 65 653		LCNB Corp.	LCNB	6	60	602	
JPMorgan Chase & Co. JPM 6 60 602		Lear Corporation	LEA	2	25	002	
Juniper Networks, Inc. JNPR 3 35 357		Legg Mason, Inc.	LM	6	62	628	
K12 Inc. LRN 8 82		Legg Mason, mc. LeMaitre Vascular, Inc.	LMAT	3	38	384	3841
Kadant Inc. KAI 3 35 355		· ·		6	61	616	3041
		LendingTree, Inc.	TREE	1	15	010	
		Lennar Corporation	LEN				
Kansas City Southern KSU 4		Lennox International Inc.	LII	3	35		6700
KAR Auction Services, Inc. KAR 7 73 738		Lexington Realty Trust	LXP	6	67		6798
KB Home KBH 1 15	5005	LGI Homes, Inc.	LGIH	1	15		
Kearny Financial Corp. KRNY 6 60 603	6036	LHC Group, Inc.	LHCG	8	80		6700
Kellogg Company K 2 20	7060	Liberty Property Trust	LPT	6	67		6798
Kelly Services, Inc. KELYA 7 73 736	7363	Life Storage, Inc.	LSI	6	67		6798
KEMET Corporation KEM 3 36 367		Lifetime Brands, Inc.	LCUT	3	34	342	0004
Kemper Corporation KMPR 6 63 633		LifeVantage Corporation	LFVN	2	28	283	2834
Kennedy-Wilson Holdings, Inc. KW 6 65 651		Lifeway Foods, Inc.	LWAY	2	20		
Kentucky First Federal Bancorp KFFB 6 60 603	6035	Ligand Pharmaceuticals Incorporated	LGND	2	28	283	2834
Kewaunee Scientific Corporation KEQU 3 38 382		LightPath Technologies, Inc.	LPTH	3	38	382	2004
		Lincoln Electric Holdings, Inc.	LECO	3	35	302	
					63		
3 1	7363	Lincoln National Corporation	LNC	6	35		
		Lindsay Corporation	LNN	3		C00	
Kilroy Realty Corporation KRC 6 67	6798	Lisi S.A.	FII	6	62	628	
Kimball Electronics, Inc. KE 3 36 367	3674	Lithia Motors, Inc.	LAD	5	55		
Kimball International, Inc. KBAL 2 25		Littelfuse, Inc.	LFUS	3	36		
Kimberly-Clark Corporation KMB 2 26 262	6700	LKQ Corporation	LKQ	5	50		
Kimco Realty Corporation KIM 6 67	6798	Lockheed Martin Corporation	LMT	3	37		
Kinder Morgan, Inc. KMI 4 49 492		Loews Corporation	L	6			
Kingstone Companies, Inc. KINS 6 63 633		LogMeIn, Inc.	LOGM	7	73	737	
Kirkland's, Inc. KIRK 5 59		Louisiana-Pacific Corporation	LPX	2	24		
KKR & Co. Inc. KKR 6 62 628		Lowe's Companies, Inc.	LOW	5			
KLA Corporation KLAC 3 38 382		LPL Financial Holdings Inc.	LPLA	6	62	621	
Knight-Swift Transportation		LTC Properties, Inc.	LTC	6	67		6798
Holdings Inc. KNX 4 42	4213	Luminex Corporation	LMNX	2	28	283	2835
Knoll, Inc. KNL 2 25		Lydall, Inc.	LDL	3			
Kohl's Corporation KSS 5 53		M&T Bank Corporation	MTB	6	60	602	
	7361	M.D.C. Holdings, Inc.	MDC	1	15		
Korn Ferry KFY 7 73 736		-					
Korn Ferry KFY 7 73 736 Kraton Corporation KRA 2 28		M/I Homes, Inc.	MHO	1	15		

Mack-Cali Realty Corporation	CLI	6	67		6798	Meta Financial Group, Inc.	CASH	6	60	603	6035
Mackinac Financial Corporation	MFNC	6	60	602		Methode Electronics, Inc.	MEI	3	36	367	
Macy's, Inc.	М	5	53	07.4		MetLife, Inc. Mettler-Toledo International	MET	6	63	631	
Magellan Health, Inc. Magellan Midstream Partners,	MGLN	8	87	874		Inc.	MTD	3	38	382	3826
L.P.	MMP	4	46			MFA Financial, Inc.	MFA	6	67	002	6798
Magyar Bancorp, Inc.	MGYR	6	60	603	6036	MGE Energy, Inc.	MGEE	4	49		
Main Street Capital Corporation	MAIN	6	67			MGIC Investment Corporation	MTG	6	63		
Malibu Boats, Inc.	MBUU	3	37			MGM Resorts International	MGM	7	79	799	
Malvern Bancorp, Inc.	MLVF	6	60	602		MGP Ingredients, Inc.	MGPI	2	20	208	
Manhattan Associates, Inc.	MANH	7	73	737	7373	Microchip Technology					
Manhattan Bridge Capital, Inc.	LOAN	6	67		6798	Incorporated	MCHP	3	36	367	3674
Mannatech, Incorporated	MTEX	2	28	283	2834	Micron Technology, Inc.	MU	3	36	367	3674
Manning & Napier, Inc.	MN	6	62	628		Microsoft Corporation	MSFT	7	73	737	7070
ManpowerGroup Inc.	MAN	7	73	736	7363	MicroStrategy Incorporated	MSTR	7	73	737	7372
ManTech International	NAANIT	7	70	707	7070	Mid Penn Bancorp, Inc.	MPB	6	60	602	
Corporation	MANT	7	73	737	7373	Mid-America Apartment	N 4 A A	_	C 7		6700
Marcus & Millichap, Inc. Marine Products Corporation	MMI MPX	6 3	65 37	653		Communities, Inc. Middlefield Banc Corp.	MAA MBCN	6 6	67 60	602	6798
MarineMax, Inc.	HZO	5	55			Middlesex Water Company	MSEX	4	49	494	
MarketAxess Holdings Inc.	MKTX	6	62			MidWestOne Financial Group,	IVISEX	4	49	494	
Marlin Business Services Corp.	MRLN	6	61			Inc.	MOFG	6	60	602	
Marriott International, Inc.	MAR	7	70			Miller Industries, Inc.	MLR	3	37	371	
,	IVIAN	,	10			Mitek Systems, Inc.	MITK	3	35	357	3577
Marriott Vacations Worldwide Corporation	VAC	7	70			MKS Instruments, Inc.	MKSI	3			
Marsh & McLennan Companies,	VAO	,	10			Mobile Mini, Inc.	MINI	7	73	735	
Inc.	MMC	6	64			Modine Manufacturing					
Marten Transport, Ltd.	MRTN	4	42		4213	Company	MOD	3	37	371	3714
Martin Marietta Materials, Inc.	MLM	1	14			Moelis & Company	MC	6	62	628	
Masimo Corporation	MASI	3	38	384	3845	Mohawk Industries, Inc.	MHK	2	22		6004
MasTec, Inc.	MTZ	1	16			Molina Healthcare, Inc. Molson Coors Beverage	MOH	6	63	632	6324
Mastech Digital, Inc.	MHH	7	73	736	7361	Company	TAP	2	20	208	
Mastercard Incorporated	MA	6	60			Monarch Casino & Resort, Inc.	MCRI	7	79	799	
Materion Corporation	MTRN	3	33			Mondelez International, Inc.	MDLZ	2	20		
Matrix Service Company	MTRX	1				Monmouth Real Estate					
Matson, Inc.	MATX	4				Investment Corporation	MNR	6	67		6798
Maxim Integrated Products, Inc.	MXIM	3	36	367	3674	Monolithic Power Systems, Inc.	MPWR	3	36	367	3674
MAXIMUS, Inc. McCormick & Company,	MMS	8	87	874		Monro, Inc.	MNRO	7			
Incorporated	MKC	2	20			Monroe Capital Corporation	MRCC	6	67		
McDonald's Corporation	MCD	5	58		5812	Monster Beverage Corporation	MNST	2	20	208	
McGrath RentCorp	MGRC	7	73	735	0012	Moody's Corporation	MCO	7	73		
McKesson Corporation	MCK	5	51	512		Moog Inc.	MOG.A	3			
Medallion Financial Corp.	MFIN	6	61			Morgan Stanley	MS	6	62		
Medical Properties Trust, Inc.	MPW	6	67		6798	Morningstar, Inc.	MORN	7	73	737	
Medifast, Inc.	MED	2	20		-	Motorcar Parts of America, Inc.	MPAA	3	36	369	
MEDNAX, Inc.	MD	8	80			Movado Group, Inc.	MOV	3	38		
MercadoLibre, Inc.	MELI	7	73	737		MPLX LP	MPLX	4	46		
Mercantile Bank Corporation	MBWM	6	60	602		Mr. Cooper Group Inc.	COOP	6	61	616	6162
Mercer International Inc.	MERC	2	26			MSA Safety Incorporated	MSA	3	38	384	3842
Merck & Co., Inc.	MRK	2	28	283	2834	MSC Industrial Direct Co., Inc.	MSM	5	50		
Mercury General Corporation	MCY	6	63	633		MSCI Inc.	MSCI	6	62	628	
Mercury Systems, Inc.	MRCY	3	36	367	3674	MSG Networks Inc.	MSGN	4	48		
Meridian Bancorp, Inc.	EBSB	6	60	603	6036	MTS Systems Corporation	MTSC	3	38	382	
Meridian Bioscience, Inc.	VIVO	2	28	283		Mueller Industries, Inc.	MLI	3	33		
Merit Medical Systems, Inc.	MMSI	3	38	384	3841	Mueller Water Products, Inc.	MWA	3	34	349	
Meritage Homes Corporation	MTH	1	15			Murphy USA Inc.	MUSA	5	55		
Meritor, Inc.	MTOR	3	37	371	3714	MutualFirst Financial, Inc.	MFSF	6	60	602	
Mesa Laboratories, Inc.	MLAB	3	38			MVB Financial Corp.	MVBF	6	60	602	
Mesa Royalty Trust	MTR	6	67			MYR Group Inc.	MYRG	1	16		
Mesabi Trust	MSB	6	67			Myriad Genetics, Inc.	MYGN	2	28	283	2835
						Napco Security Technologies,	NSSC	3	36	366	

Inc.						Trust					
National Bank Holdings	NIBLIO	_	60	600		Northeast Bank	NBN	6	60	602	
Corporation	NBHC	6	60	602		Northern Trust Corporation	NTRS	6	60	602	
National Bankshares, Inc.	NKSH	6	60	602		Northfield Bancorp, Inc. (Staten					
National Beverage Corp.	FIZZ	2	20	208		Island, NY)	NFBK	6	60	603	6035
National General Holdings Corp.	NGHC	6	63	633		Northrim BanCorp, Inc.	NRIM	6	60	602	
National Health Investors, Inc.	NHI	6	67		6798	Northrop Grumman					
National HealthCare	NILIO	0	00			Corporation	NOC	3			
Corporation National Instruments	NHC	8	80			Northwest Bancshares, Inc.	NWBI	6	60	603	6035
Corporation	NATI	7	73	737	7372	Northwest Natural Holding	N IV A /N I		4.0	100	1001
National Presto Industries, Inc.	NPK	3	10	101	1012	Company	NWN	4	49	492	4924
National Research Corporation	NRC	7	73	738		NorthWestern Corporation	NWE	4	49	493	4931
· ·	NNN	6	67	130	6798	NortonLifeLock Inc.	NLOK	7	73	737	7372
National Retail Properties, Inc. National Western Life Group,	INININ	O	07		0798	Norwood Financial Corp.	NWFL	6	60	602	
Inc.	NWLI	6	63	631		Nova LifeStyle, Inc.	NVFY	2	25	251	
Natural Alternatives	144421	O	00	001		Nu Skin Enterprises, Inc.	NUS	2	28	283	2834
International, Inc.	NAII	2	28	283	2834	Nucor Corporation	NUE	3			
Natural Gas Services Group,						NuVasive, Inc.	NUVA	3	38	384	3841
Inc.	NGS	7				NV5 Global, Inc.	NVEE	8	87		
Natural Grocers by Vitamin		_				NVE Corporation	NVEC	3	36	367	3674
Cottage, Inc.	NGVC	5	54			NVIDIA Corporation	NVDA	3	36	367	3674
Natural Health Trends Corp.	NHTC	5	51	512		NVR, Inc.	NVR	1	15		
Nature's Sunshine Products,	NIATO	0	00	000	0004	Oak Valley Bancorp	OVLY	6	60	602	
Inc.	NATR	2	28	283	2834	Oaktree Strategic Income	OVE	O	00	002	
Natus Medical Incorporated	NTUS	3	38	384	3845	Corporation	OCSI	6	67		
Nautilus, Inc.	NLS	3	39			Oasis Petroleum Inc.	OAS	1	13	131	
NBT Bancorp Inc.	NBTB	6	60	602		Ocean Bio-Chem, Inc.	OBCI	2	28	284	
Neenah, Inc.	NP	2	26	262		OceanFirst Financial Corp.	OCFC	6	60	603	6035
Nektar Therapeutics	NKTR	2	28	283	2834	Oconee Federal Financial Corp.	OFED	6	60	603	6035
Nelnet, Inc.	NNI	6	61	614		Office Depot, Inc.	ODP	5	00	000	0000
Neogen Corporation	NEOG	2	28	283		OFG Bancorp	OFG	6	60	602	
Net 1 UEPS Technologies, Inc.	UEPS	7	73	737	7374	·				002	
NetApp, Inc.	NTAP	3	35	357		OFS Capital Corporation	OFS	6	67	400	4001
Netflix, Inc.	NFLX	7				OGE Energy Corp.	OGE	4	49	493	4931
NETGEAR, Inc.	NTGR	3	35	357		Ohio Valley Banc Corp.	OVBC	6	60	602	
NetScout Systems, Inc.	NTCT	7	73	737	7373	O-I Glass, Inc.	Ol	3	32		
NetSol Technologies, Inc.	NTWK	7	73	737	7372	Oil-Dri Corporation of America	ODC	3	32		
Network-1 Technologies, Inc.	NTIP	6	67		6794	Old Dominion Freight Line, Inc.	ODFL	4	42		4213
New Jersey Resources		O	01		0131	Old National Bancorp	ONB	6	60	602	
Corporation	NJR	4	49	492	4924	Old Point Financial Corporation	OPOF	6	60	602	
New Mountain Finance						Old Republic International					
Corporation	NMFC	6	67			Corporation	ORI	6	63		
New Residential Investment						Old Second Bancorp, Inc.	OSBC	6	60	602	
Corp.	NRZ	6	67		6798	Olin Corporation	OLN	2	28		
New York Community Bancorp, Inc.	NYCB	6	60	603	6036	Olympic Steel, Inc.	ZEUS	5	50		
NewMarket Corporation	NEU	2	28	286	0030	Omega Flex, Inc.	OFLX	3	34	349	
·			20	200		Omega Healthcare Investors,	0111	_	c 7		6700
Newmont Corporation Newtek Business Services	NEM	1				Inc.	OHI	6	67	707	6798
Corp.	NEWT	6	67			Omnicell, Inc.	OMCL	7	73	737	7373
Nexstar Media Group, Inc.	NXST	4	48	483	4833	Omnicom Group Inc.	OMC	7	73		
NextEra Energy Partners, LP	NEP	4	49	491	-1000	ON Semiconductor Corporation	ON	3	36	367	3674
						ONE Gas, Inc.	OGS	4	49	492	4924
NextEra Energy, Inc.	NEE	4	49 72	491	7272	One Liberty Properties, Inc.	OLP	6	67		6798
NextGen Healthcare, Inc.	NXGN	7	73	737	7372	OneMain Holdings, Inc.	OMF	6	61	614	
NIC Inc.	EGOV	7	73	737		ONEOK, Inc.	OKE	4	49	492	
Nicolet Bankshares, Inc.	NCBS	6	60	602		OneSpan Inc.	OSPN	3	36	366	
NIKE, Inc.	NKE	3	30			Onto Innovation Inc.	ONTO	3	38	382	
NiSource Inc.	NI	4	49			Oppenheimer Holdings Inc.	OPY	6	62	621	
NMI Holdings, Inc.	NMIH	6	63			OptimumBank Holdings, Inc.	OPHC	6	60	602	
Nordson Corporation	NDSN	3	35	356		Opus Bank	OPB	6	60	602	
Nordstrom, Inc.	JWN	5	56	565		Oracle Corporation	ORCL	7	73	737	
Norfolk Southern Corporation	NSC	4				OraSure Technologies, Inc.	OSUR	2	28	283	2835
North European Oil Royalty	NRT	6	67			O'Reilly Automotive, Inc.	ORLY	5	55	_50	
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Orrstown Financial Services,	0000			600		PepsiCo, Inc.	PEP	2	20	208	
Inc.	ORRF	6	60	602		Perficient, Inc.	PRFT	7	73	737	
Orthofix Medical Inc.	OFIX	3	38	384		PerkinElmer, Inc.	PKI	3	38		
Oshkosh Corporation	OSK	3	00	00.4		Permian Basin Royalty Trust	PBT	6	67		
OSI Systems, Inc.	OSIS	3	38	384	4010	PetMed Express, Inc.	PETS	5	59		
Otelco Inc.	OTEL	4	48	481	4813	Pfizer Inc.	PFE	2	28	283	2834
Ottawa Bancorp, Inc.	OTTW	6	60	603	6035	PGT Innovations, Inc.	PGTI	3	34		
Outfront Media Inc.	OUT	6 3	67		6798	Phibro Animal Health	DALLO	0	20	202	
Owens Corning Oxford Industries, Inc.	OC OVM	2	32 23			Corporation Phillips 66	PAHC PSX	2	28 29	283 291	
Oxford Industries, inc. Oxford Lane Capital Corp.	OXM OXLC	6	61			Phillips 66 Partners LP	PSXP	4	29 46	291	
·	OXEC	6	67			Photronics, Inc.		3	36	367	3674
Oxford Square Capital Corp. P. H. Glatfelter Company	GLT	2	26	262		Physicians Realty Trust	PLAB DOC	6	50 67	307	6798
P.A.M. Transportation Services,	GLI	_	20	202		Piedmont Office Realty Trust,	DOC	O	07		0190
Inc.	PTSI	4	42		4213	Inc.	PDM	6	67		6798
PACCAR Inc	PCAR	3	37	371		Pilgrim's Pride Corporation	PPC	2	20	201	
Pacific Mercantile Bancorp	PMBC	6	60	602		Pinnacle Financial Partners, Inc.	PNFP	6	60	602	
Pacific Premier Bancorp, Inc.	PPBI	6	60	602		Pinnacle West Capital					
Packaging Corporation of						Corporation	PNW	4	49	491	
America	PKG	2	26	265		Pioneer Natural Resources Company	PXD	1	13	131	
PacWest Bancorp	PACW	6	60	602		Piper Sandler Companies	PIPR	6	62	621	
Papa John's International, Inc.	PZZA	5	58		5812	Plains All American Pipeline,	FIFN	O	02	021	
Paramount Group, Inc.	PGRE	6	67		6798	L.P.	PAA	5	51	517	
Park City Group, Inc.	PCYG	7	73	737	7372	Plantronics, Inc.	PLT	3	36	366	
Park National Corporation	PRK	6	60	602		Plexus Corp.	PLXS	3	36	367	3672
Parke Bancorp, Inc.	PKBK	6	60	602		Plumas Bancorp	PLBC	6	60	602	
Parker-Hannifin Corporation	PH	3	34	349		PNM Resources, Inc.	PNM	4	49	491	
Parsley Energy, Inc.	PE	1	13	131		Polaris Inc.	PII	3	37		
Pathfinder Bancorp, Inc.	PBHC	6	60	602		Pool Corporation	POOL	5	50		
Patrick Industries, Inc.	PATK	2	24	600		Popular, Inc.	BPOP	6	60	602	
Patriot National Bancorp, Inc.	PNBK	6	60	602		Portland General Electric	505		4.0	407	
Pattern Energy Group Inc.	PEGI PDCO	4 5	49 50	504		Company	POR	4	49	491	5010
Patterson Companies, Inc.	PAYX	8	87	504		Potbelly Corporation	PBPB	5	58		5812
Paychex, Inc. Paycom Software, Inc.	PAYX	7	73	737		Powell Industries, Inc.	POWL	3	36	067	0674
Paylocity Holding Corporation	PCTY	7	73	737		Power Integrations, Inc.	POWI	3	36	367	3674
PB Bancorp, Inc.	PBBI	6	60	603	6035	PPG Industries, Inc.	PPG	2	28	401	
PBF Energy Inc.	PBF	2	29	291	0033	PPL Corporation	PPL PRAA	4	49 61	491	
PBF Logistics LP	PBFX	4	46	231		PRA Group, Inc. PRA Health Sciences, Inc.		6	87		
PC Connection, Inc.	CNXN	5	59			Preferred Bank	PRAH PFBC	8	60	602	
PCB Bancorp	PCB	6	60	602		Preformed Line Products	PFBC	O	00	002	
PDF Solutions. Inc.	PDFS	3	35	355	3559	Company	PLPC	3	36		
Peapack-Gladstone Financial	1 01 0	O	00	000	0003	Premier Financial Bancorp, Inc.	PFBI	6	60	602	
Corporation	PGC	6	60	602		Prestige Consumer Healthcare					
Pebblebrook Hotel Trust	PEB	6	67	302	6798	Inc.	PBH	5	51	512	
Pegasystems Inc.	PEGA	7	73	737	7372	PRGX Global, Inc.	PRGX	8	87		
Penn National Gaming, Inc.	PENN	7	79	799	. 5. 2	PriceSmart, Inc.	PSMT	5	53	533	
PennantPark Floating Rate				- 5		PrimeEnergy Resources Corporation	PNRG	1	13	131	
Capital Ltd.	PFLT	6	67			Primerica, Inc.	PRI	6	13	131	
PennantPark Investment	DAINIT	-	67			Primoris Services Corporation	PRIM	1	16		
Corporation	PNNT	6	67	600		Principal Financial Group, Inc.	PFG	6	62	628	
Penns Woods Bancorp, Inc.	PWOD	6	60	602		ProAssurance Corporation	PRA	6	63	633	
PennyMac Financial Services, Inc.	PFSI	6	61	616	6162	Pro-Dex, Inc.	PDEX	3	38	384	3841
PennyMac Mortgage	01	9	01	510	0.02	Progress Software Corporation	PRGS	3 7	73	737	JU4 I
Investment Trust	PMT	6	67		6798	Prologis, Inc.	PLD	6	67	131	6798
Penske Automotive Group, Inc.	PAG	5	55			Prospect Capital Corporation	PSEC	6	67		0130
Peoples Bancorp Inc.	PEBO	6	60	602		Prosperity Bancshares, Inc.	PB	6	60	602	
Peoples Bancorp of North						Protective Insurance Corp	PTVCB	6	63	633	
Carolina, Inc.	PEBK	6	60	602		Proto Labs, Inc.	PRLB	3	35	355	3559
Peoples Financial Services Corp.	PFIS	6	60	602		Provident Financial Holdings,	IIILD	J	00	000	0000
People's United Financial, Inc.	PBCT	6	60	602		Inc.	PROV	6	60	603	6035
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Provident Financial Services, PFS 6 60 603 6036 Prudential Bancorp, Inc. PBIP 6 60 603 6036
Prudential Bancorp, Inc. PBIP 6 60 603 6036 Reta
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udential Financial, Inc. PRU 6 63 631 Corp.
S Business Parks, Inc. PSB 6 67 6798 Retail Properties of Ame
sychemetics corporation PiviD 8 80 REV American Resources
TC Inc. PTC 7 73 737 7372 Corporation
lic Service Enterprise Group Rexford Industrial Realty, Inc.
porated PEG 4 49 493 4931 Rexnord Corporation
lic Storage PSA 6 67 6798 RF Industries, Ltd.
Group, Inc. PHM 1 15 RGC Resources, Inc.
Corp. PVH 2 23 RH
a Investment agement, Inc PZN 6 62 628 Riverview Bancorp, Inc.
Inc. QADA 7 73 737 Riverview Financial Corporation
Holdings, Inc. QCRH 6 60 602 RLI Corp.
o, Inc. QRVO 3 36 367 3674 RLJ Lodging Trust
ealty Trust, Inc. QTS 6 67 6798 Robert Half International Inc.
er Chemical Corporation KWR 2 29 Rockwell Automation, Inc.
COMM Incorporated QCOM 3 36 Rocky Brands, Inc.
De sono Composition
Inc. QLYS 7 73 737 7372 Rogers Corporation Regularity Rollins, Inc.
ation NX 3 34 Roper Technologies, Inc.
a Services, Inc. PWR 1 Ross Stores, Inc.
Diagnostics Incorporated DGX 8 80 Royal Gold, Inc.
Corporation QDEL 2 28 283 2835 RPC, Inc.
e Retail Inc QRTEA 5 59 RPM International Inc.
n Group Inc. RDN 6 63 RPT Realty
ant Logistics, Inc. RLGT 4 47 473 Rush Enterprises, Inc.
let, Inc. RDNT 8 80 Ruth's Hospitality Group, Inc.
sh Lauren Corporation RL 2 23 Ryerson Holding Corporation
h Lauren Corporation RL 2 23 Ryerson Holding Corporation bus Inc. RMBS 6 67 6794 Ryman Hospitality Properties,
Capital Corporation RAND 6 67 Inc.
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Technologies, Inc.
MAX Holdings, Inc. Hiviax 0 00 000
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y Income Corporation 0 6 67 6798 San Juan Basin Royalty Trust SJT
Robin Gourmet Burgers, Sanderson Farms, Inc. SAFM
RRGB 5 58 5812 Sandy Spring Bancorp, Inc. SASF
l Beloit Corporation RBC 3 36 362 3621 Sanmina Corporation SANI
ency Centers Corporation REG 6 67 6798 Santander Consumer USA eneron Pharmaceuticals, Holdings Inc. SC
REGN 2 28 283 2834 Saul Centers, Inc. BFS
onal Management Corp. RM 6 61 614 SB Financial Group, Inc. SBF0
ns Financial Corporation RF 6 60 602 SB One Bancorp SBBX
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gions Financial Corporation RF 6 60 602 SB One Bancorp SBB) Insurance Group of America, proporated RGA 6 63 631 Schnitzer Steel Industries, Inc. SCHI Insurance Steel & Aluminum Co. RS 5 50 Scholastic Corporation SCHI Insurance Group of America, proporation RNST 6 60 602 Schweitzer-Mauduit International, Inc. SWN Insurance Group of America, proporation RGEN 2 28 283 2836 Science Applications

Sealed Air Corporation	SEE	3	30	308		Southern Missouri Bancorp, Inc.	SMBC	6	60	603	6036
Security National Financial Corporation	SNFCA	6				Southern National Bancorp of	00114	_	60	600	
SEI Investments Company	SEIC	6	62	628		Virginia, Inc.	SONA	6	60	602	
Select Bancorp, Inc.	SLCT	6	60	602		Southside Bancshares, Inc.	SBSI	6	60	602	
Select Medical Holdings	OLOT	Ü	00	002		Southwest Airlines Co. Southwest Georgia Financial	LUV	4	45	451	
Corporation	SEM	8	80			Corporation	SGB	6	60	602	
Selective Insurance Group, Inc.	SIGI	6	63	633		SP Plus Corporation	SP	7	00	002	
Sempra Energy	SRE	4	49	493	4931	SPAR Group, Inc.	SGRP	7	73	738	
Semtech Corporation	SMTC	3	36	367	3674	Spark Energy, Inc.	SPKE	4	49	493	4931
Seneca Foods Corporation	SENEA	2	20	203		Spartan Motors, Inc.	SPAR	3	37	371	
Sensient Technologies	OVT	0	00	000		SpartanNash Company	SPTN	5	51		
Corporation	SXT	2	28	286	6700	Spire Inc.	SR	4	49	492	4924
Service Properties Trust ServiceMaster Global Holdings,	SVC	6	67		6798	Spirit AeroSystems Holdings,					
Inc.	SERV	7				Inc.	SPR	3	37		
ServisFirst Bancshares, Inc.	SFBS	6	60	602		Spirit Airlines, Inc.	SAVE	4	45	451	
Servotronics, Inc.	SVT	3	36	362	3621	Spirit Realty Capital, Inc.	SRC	6	67		6798
Severn Bancorp, Inc.	SVBI	6	60	603	6035	Spok Holdings, Inc.	SPOK	4	48	481	4812
Shell Midstream Partners, L.P.	SHLX	4	46	000	0000	Sportsman's Warehouse	0.0014.11.1	_		F0.4	
Shenandoah	OFILA	-	-10			Holdings, Inc.	SPWH	5	59	594	
Telecommunications Company	SHEN	4	48	481		Sprague Resources LP	SRLP	5	51	517	E 43.3
Shiloh Industries, Inc.	SHLO	3	34	101		Sprouts Farmers Market, Inc.	SFM	5	54	541	5411
Shoe Carnival, Inc.	SCVL	5	56			SPS Commerce, Inc.	SPSC	7	73	737	
Shore Bancshares, Inc.	SHBI	6	60	602		SPX Corporation	SPXC	3			
Shutterstock, Inc.	SSTK	7	73	737		SS&C Technologies Holdings, Inc.	SSNC	7	73	737	7372
Sierra Bancorp	BSRR	6	60	602		STAG Industrial, Inc.	STAG	6	67	101	6798
SIGA Technologies, Inc.	SIGA	2	28	283	2836	Stamps.com Inc.	STMP	7	73	737	0130
SigmaTron International, Inc.	SGMA	3	36	367	3672	Standard Motor Products, Inc.	SMP	3	10	101	
Signature Bank	SBNY	6	60	602	3072	Standard Motor Froducts, me.	SIVII	J			
Silgan Holdings Inc.	SLGN	3	34	002		Corporation	SXI	3			
Silicon Laboratories Inc.	SLAB	3	36	367	3674	Stanley Black & Decker, Inc.	SWK	3			
	SLAD	J	30	301	3074	Star Group, L.P.	SGU	5	59		
Silvercrest Asset Management Group Inc.	SAMG	6	62	628		Starbucks Corporation	SBUX	5	58		5812
SilverSun Technologies, Inc.	SSNT	7	73	737		Starwood Property Trust, Inc.	STWD	6	67		6798
Simmons First National	33111	ı	13	101		State Auto Financial					
Corporation	SFNC	6	60	602		Corporation	STFC	6	63		
Simon Property Group, Inc.	SPG	6	67		6798	State Street Corporation	STT	6	60	602	
Simpson Manufacturing Co.,						Steel Dynamics, Inc.	STLD	3	33	331	
Inc.	SSD	3	34	342		Stellus Capital Investment Corporation	SCM	6	67		
Sinclair Broadcast Group, Inc.	SBGI	4	48	483	4833	Stepan Company	SCL	2	28		
Sirius XM Holdings Inc.	SIRI	4	48	483	4832	Stericycle, Inc.	SRCL	4	49	495	
Six Flags Entertainment Corporation	SIX	7	79	799		Steven Madden, Ltd.	SHOO	3	31	490	
SJW Group	SJW	4	49	494		'	3000	3	31		
Skechers U.S.A., Inc.	SKX	3	31	494		Stewart Information Services	STC	6	63		
SkyWest, Inc.	SKYW	4	45	451		Corporation Stifel Financial Corp.	SF	6	62	621	
Skywest, inc. Skyworks Solutions, Inc.	SWKS	3	36	367	3674	Stock Yards Bancorp, Inc.	SYBT	6	60	602	
SL Green Realty Corp.	SLG	6	67	301	6798	StoneCastle Financial Corp.	BANX	6	67	002	
Sleep Number Corporation	SNBR	2	25	251	0190	Stoneridge, Inc.	SRI	3	36	367	
		6	61	614		STORE Capital Corporation	STOR	6	67	301	6798
SLM Corporation Snap-on Incorporated	SLM	3	01	014			STRA				0198
'	SNA		26	266	2662	Strategic Education, Inc.		8	82	271	2714
Socket Mobile, Inc.	SCKT	3	36 67	366	3663	Strattec Security Corporation Stryker Corporation	STRT SYK	3	37 38	371 384	3714
Solar Capital Ltd.	SLRC	6	67			· ·		3	38 34	304	
Solar Senior Capital Ltd.	SUNS	6				Sturm, Ruger & Company, Inc. Suburban Propane Partners,	RGR	3	34		
Sonic Automotive, Inc.	SAH	5	55	005		L.P.	SPH	5	59		
Sonoco Products Company	SON	2	26	265	0717	Summit Financial Group, Inc.	SMMF	6	60	602	
SORL Auto Parts, Inc.	SORL	3	37	371	3714	Summit Hotel Properties, Inc.	INN	6	67	302	6798
Sound Financial Bancorp, Inc.	SFBC	6	60	603	6035	Summit State Bank	SSBI	6	60	602	0.50
South State Corporation	SSB	6	60	602		Sun Communities, Inc.	SUI	6	67	JUZ	6798
Southern Copper Corporation	SCC0	1	C 0	CO0		SunCoke Energy, Inc.	SXC	3	33	331	0.50
Southern First Bancshares, Inc.	SFST	6	60	602		Carroone Energy, Inc.	5/10	J	00	501	

							
Sunoco LP	SUN	5	51	517		The Boston Beer Company, Inc. SAM 2 20 208	
Sunstone Hotel Investors, Inc.	SHO	6	67		6798	The Buckle, Inc. BKE 5 56 565	
Supernus Pharmaceuticals, Inc.	SUPN	2	28	283	2834	The Carlyle Group Inc. CG 6 62 628	
SVB Financial Group	SIVB	6	60	602		The Cato Corporation CATO 5 56	
Sykes Enterprises, Incorporated	SYKE	7	73	737	7374	The Charles Schwab	
Synalloy Corporation	SYNL	3	33	331		Corporation SCHW 6 62 628	
Synaptics Incorporated	SYNA	3	36	367	3674	The Cheesecake Factory	5812
Synchrony Financial	SYF	6	61	614		·	0012
Syneos Health, Inc.	SYNH	8	87			The Chefs' Warehouse, Inc. CHEF 5 51	
SYNNEX Corporation	SNX	5	50	504	5045	The Children's Place, Inc. PLCE 5 56	
Synopsys, Inc.	SNPS	7	73	737	7372	The Clorox Company CLX 2 28 284	
Synovus Financial Corp.	SNV	6	60	602	1012	The Coca-Cola Company KO 2 20 208	
Sysco Corporation	SYY	5	51	002		The Community Financial	
						Corporation TCFC 6 60 602	
Systemax Inc.	SYX	5	50	C00		The Cooper Companies, Inc. COO 3 38	
T. Rowe Price Group, Inc. Take-Two Interactive Software.	TROW	6	62	628			4833
Inc.	TTWO	7	73	737	7372	The Eastern Company EML 3 34 342	
	TLF	5	59	131	1312	The Ensign Group, Inc. ENSG 8 80	
Tandy Leather Factory, Inc. Tanger Factory Outlet Centers,	ILF	5	59			The Estée Lauder Companies	
Inc.	SKT	6	67		6798	Inc. EL 2 28 284	
Tapestry, Inc.	TPR	3	31		0130	The First Bancorp, Inc. FNLC 6 60 602	
Target Corporation	TGT	5	53	533		The First Bancshares, Inc. FBMS 6 60 602	
Taubman Centers, Inc.	TCO	6	67	555	6798	The First of Long Island	
,				056	0798	Corporation FLIC 6 60 602	
Taylor Devices, Inc. Taylor Morrison Home	TAYD	3	35	356		The Gap, Inc. GPS 5 56 565	
Corporation	TMHC	1	15			17	5798
TC PipeLines, LP	TCP	6	67			The Goldfield Corporation GV 1 16	
TCF Financial Corporation	TCF	6	60	602		The Goldman Sachs Group, Inc. GS 6 62 621	
TD Ameritrade Holding	ICF	O	00	602		The Goodyear Tire & Rubber	
Corporation	AMTD	6	62	621		Company GT 3 30	
Tech Data Corporation	TECD	5	50	504	5045	The Gorman-Rupp Company GRC 3 35 356	
TechTarget, Inc.	TTGT	7	73	737	3043	The Greenbrier Companies, Inc. GBX 3 37	
TEGNA Inc.	TGNA	4	48	483	4833	The Habit Restaurants, Inc. HABT 5 58 5	5812
Teledyne Technologies	IGNA	4	40	403	4033	The Hackett Group, Inc. HCKT 8 87 874	
Incorporated	TDY	3	38			The Hain Celestial Group, Inc. HAIN 2 20	
Teleflex Incorporated	TFX	3	38	384	3841	The Hanover Insurance Group,	
Telephone and Data Systems,	117	0	00	004	00+1	Inc. THG 6 63 633	
Inc.	TDS	4	48	481		The Hartford Financial Services	
Tempur Sealy International, Inc.	TPX	2	25	251		Group, Inc. HIG 6 63 633	
Tennant Company	TNC	3	35			The Hershey Company HSY 2 20	
Teradata Corporation	TDC	7	73	737		The Home Depot, Inc. HD 5	
Teradyne, Inc.	TER	3	38	382	3825	The Howard Hughes	
Terex Corporation	TEX	3	35	353	0020	Corporation HHC 6 65	
Terreno Realty Corporation	TRNO	6	67	000	6798	The Interpublic Group of	
Territorial Bancorp Inc.	TBNK	6	60	603	6035	Companies, Inc. IPG 7 73	
TESSCO Technologies	IDININ	U	00	003	0033	The J. M. Smucker Company SJM 2 20 203	- 43 3
Incorporated	TESS	5	50	506		9	5411
Tetra Tech, Inc.	TTEK	8	87	000		,	4832
Texas Capital Bancshares, Inc.	TCBI	6	60	602		1 7	5798
Texas Instruments	TODI	O	00	002		The Middleby Corporation MIDD 3 35	
Incorporated	TXN	3	36	367	3674	The Mosaic Company MOS 2 28 287	
Texas Pacific Land Trust	TPL	6	67			The National Security Group,	
Texas Roadhouse, Inc.	TXRH	5	58		5812	Inc. NSEC 6 63 633	
Textron Inc.	TXT	3	37		5512	The New York Times Company NYT 2 27	
TFS Financial Corporation	TFSL	6	60	603	6035	The PNC Financial Services Group, Inc. PNC 6 60 602	
The AES Corporation	AES	4	49	000	0000	Group, Inc. PNC 6 60 602 The Procter & Gamble	
				600		Company PG 2	
The Allstate Corporation	ALL	6	63	633		The Progressive Corporation PGR 6 63 633	
The Bancorp, Inc.	TBBK	6	60	602		The Providence Service	
The Bank of New York Mellon	DI					Corporation PRSC 4	
Corporation	BK	6	60	602		The Scotts Miracle-Gro	
The Blackstone Group Inc.	BX	6	62	628		Company SMG 2 28 287	
The Boeing Company	BA	3	37			The Sherwin-Williams SHW 2 28	

Company						•	U.S. Bancorp	USB	6	60	602	
The Southern Company	SO	4	49	491			U.S. Concrete, Inc.	USCR	3	32		
The Timken Company	TKR	3	35	356			U.S. Physical Therapy, Inc.	USPH	8	80		
The TJX Companies, Inc.	TJX	5	56	565			U.S. Silica Holdings, Inc.	SLCA	1	14		
The Toro Company	TTC	3	35				Ubiquiti Inc.	UI	3	36	366	3663
The Travelers Companies, Inc.	TRV	6	63	633			UDR, Inc.	UDR	6	67		6798
The Wendy's Company	WEN	5	58		5812		UFP Technologies, Inc.	UFPT	3	30	308	
The Western Union Company	WU	6	60				UGI Corporation	UGI	4	49	493	
The Williams Companies, Inc.	WMB	4	49	492	4922		Ulta Beauty, Inc.	ULTA	5	59		
The York Water Company	YORW	4	49	494			Ultra Clean Holdings, Inc.	UCTT	3	36	367	3674
Thermo Fisher Scientific Inc.	TMO	3	38	382	3826		Ultralife Corporation	ULBI	3	36	369	
Thermon Group Holdings, Inc.	THR	3	36	369			UMB Financial Corporation	UMBF	6	60	602	
THL Credit, Inc.	TCRD	6	67				Umpqua Holdings Corporation	UMPQ	6	60	602	
Thor Industries, Inc.	THO	3	37				Under Armour, Inc.	UAA	2	23	002	
Tiffany & Co.	TIF	5	59	594			Unifi, Inc.	UFI	2	22		
Tilly's, Inc.	TLYS	5	56	051			UniFirst Corporation	UNF	2	23		
Timberland Bancorp, Inc.	TSBK	6	60	603	6036		Union Bankshares, Inc.	UNB	6	60	602	
Tiptree Inc.	TIPT	6	63	633	0000		Union Pacific Corporation	UNP	4	00	002	
Tivity Health, Inc.	TVTY	8	80	809			United Airlines Holdings, Inc.	UAL	4	45	451	
T-Mobile US, Inc.	TMUS	4	48	481	4812		United Bancorp, Inc.	UBCP	6	60	602	
Toll Brothers, Inc.	TOL	1	15	401	4012		United Bancshares, Inc.			60	602	
•				C00			United Bankshares, Inc.	UBOH	6		602	
Tompkins Financial Corporation	TMP	6	60	602				UBSI	6	60		
Tootsie Roll Industries, Inc.	TR	2	20	600			United Community Banks, Inc. United Community Financial	UCBI	6	60	602	
TowneBank	TOWN	6	60	602	1000		Corp.	UCFC	6	60	603	6036
Townsquare Media, Inc.	TSQ	4	48	483	4832		United Fire Group, Inc.	UFCS	6	63	633	0000
TPG Specialty Lending, Inc.	TSLX	6	67				United Insurance Holdings	01 00	O	00	000	
Tractor Supply Company	TSCO	5					Corp.	UIHC	6	63	633	
TransAct Technologies Incorporated	TACT	3	35	357	3577		United Parcel Service, Inc.	UPS	4	42		
Transcontinental Realty	TACT	3	33	331	3311		United Rentals, Inc.	URI	7	73	735	
Investors, Inc.	TCI	6	65	651			United Security Bancshares	UBFO	6	60	602	
TravelCenters of America Inc.	TA	5	55				United States Cellular					
Travelzoo	TZOO	7	73	737			Corporation	USM	4	48	481	4812
Trecora Resources	TREC	2	29	291			United States Lime & Minerals,					
Tredegar Corporation	TG	3					Inc.	USLM	1	14		
Trex Company, Inc.	TREX	2	24				United Technologies Corporation	UTX	3			
TRI Pointe Group, Inc.	TPH	1	15				United Therapeutics	UIX	3			
Tribune Publishing Company	TPCO	2	27				Corporation	UTHR	2	28	283	2834
TriCo Bancshares	TCBK	6	60	602			United-Guardian, Inc.	UG	2	28	283	2834
TriMas Corporation	TRS	3	00	002			UnitedHealth Group					
Trimble Inc.	TRMB	3	38	382			Incorporated	UNH	6	63	632	6324
TriNet Group, Inc.	TNET	7	73	737	7374		Unitil Corporation	UTL	4	49		
• •		3	13	131	1314		Unity Bancorp, Inc.	UNTY	6	60	602	
Trinity Industries, Inc.	TRN		70	707			Universal Corporation	UVV	5	51		
TripAdvisor, Inc. TriplePoint Venture Growth	TRIP	7	73	737			Universal Display Corporation	OLED	3	36	367	3674
BDC Corp.	TPVG	6	67				Universal Electronics Inc.	UEIC	3	36		
Triple-S Management	11 V O	0	01				Universal Forest Products, Inc.	UFPI	2	24		
Corporation	GTS	6	63	632	6324		Universal Health Realty Income					
TriState Capital Holdings, Inc.	TSC	6	60	602			Trust	UHT	6	67		6798
Triumph Bancorp, Inc.	TBK	6	60	603	6036		Universal Health Services, Inc.	UHS	8	80		
TrueBlue, Inc.	TBI	7	73	736	7363		Universal Insurance Holdings,					
Truist Financial Corporation	TFC	6	60	602			Inc.	UVE	6	63	633	
TrustCo Bank Corp NY	TRST	6	60	603	6035		Universal Logistics Holdings, Inc.	ULH	4			
Trustmark Corporation	TRMK	6	60	602						60	600	
TSR, Inc.	TSRI	7	73	737			Univest Financial Corporation	UVSP	6	60	602	
TTEC Holdings, Inc.	TTEC	7	73	738			Unum Group	UNM	6	63	632	
TTM Technologies, Inc.	TTMI	3	36	367	3672		Urban Outfitters, Inc.	URBN	5	56	565	6700
Tupperware Brands	1 1 1 1 1 1 1	J	50	001	0012		Urstadt Biddle Properties Inc.	UBA	6	67	40-	6798
Corporation	TUP	3	30	308			US Ecology, Inc.	ECOL	4	49	495	
Tutor Perini Corporation	TPC	1					USA Truck, Inc.	USAK	4	_		
Tyler Technologies, Inc.	TYL	7	73	737	7373		USANA Health Sciences, Inc.	USNA	2	28	283	2834
Tyson Foods, Inc.	TSN	2	20	201	-		USD Partners LP	USDP	4	46		
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Utah Medical Products, Inc.	UTMD	3	38	384	3845	WEC Energy Group, Inc.	WEC	4	49	493	4931
Vail Resorts, Inc.	MTN	7	79	799		Weingarten Realty Investors	WRI	6	67		6798
Valero Energy Corporation	VLO	2	29	291		Weis Markets, Inc.	WMK	5	54	541	5411
Valhi, Inc.	VHI	2	28	281		WellCare Health Plans, Inc.	WCG	6	63	632	6324
Valley National Bancorp	VLY	6	60	602		Wellesley Bancorp, Inc.	WEBK	6	60	602	
Valmont Industries, Inc.	VMI	3				Wells Fargo & Company	WFC	6	60	602	
Value Line, Inc.	VALU	2	27			Welltower Inc.	WELL	6	67		6798
Varian Medical Systems, Inc.	VAR	3	38	384	3845	Werner Enterprises, Inc.	WERN	4	42		4213
Vectrus, Inc.	VEC	8	87	874		WesBanco, Inc.	WSBC	6	60	602	
Veeva Systems Inc.	VEEV	7	73	737		WESCO International. Inc.	WCC	5	50	506	
Ventas, Inc.	VTR	6	67		6798	West Bancorporation, Inc.	WTBA	6	60	602	
Vera Bradley, Inc.	VRA	3	31			West Pharmaceutical Services	WST	3	30		
Verint Systems Inc.	VRNT	7	73	737		Westamerica Bancorporation	WABC	6	60	602	
Verisk Analytics, Inc.	VRSK	6	64	101		Westcore Energy Ltd.	WTR	4	49	494	
Veritex Holdings, Inc.	VHOIX	6	60	602		Western Alliance	*****	_	73	757	
Verizon Communications Inc.	VZ	4	48	481		Bancorporation	WAL	6	60	602	
Vertex Pharmaceuticals	٧∠	4	40	401		Western Digital Corporation	WDC	3	35	357	
Incorporated	VRTX	2	28	283	2834	Western Midstream Partners,					
ViacomCBS Inc.	VIAC	4	48			LP	WES	4	49	492	4922
Viad Corp	VVI	7	73	738		Western New England Bancorp,	14/21	_		600	
Vicor Corporation	VICR	3	36	367		Inc.	WNEB	6	60	603	6035
Village Bank and Trust Financial	*1011	O	50	001		Westlake Chemical Corporation	WLK	2	28	286	
Corp.	VBFC	6	60	602		Westlake Chemical Partners LP	WLKP	2	28	286	
Village Super Market, Inc.	VLGEA	5	54	541	5411	WestRock Company	WRK	2	26	265	
Viper Energy Partners LP	VNOM	6	67			Westwood Holdings Group, Inc.	WHG	6	62	628	
Virco Mfg. Corporation	VIRC	2	25			WEX Inc.	WEX	7	73	737	7374
VirTra, Inc.	VTSI	3	36	369		Weyco Group, Inc.	WEYS	5	51		
Virtus Investment Partners, Inc.	VRTS	6	62	628		Whirlpool Corporation	WHR	3	36		
Virtusa Corporation	VRTU	7	73	737		WhiteHorse Finance, Inc.	WHF	6	67		
Visa Inc.	V	6	60			Whitestone REIT	WSR	6	67		6798
Vishay Intertechnology, Inc.	VSH	3	36	367		Wilhelmina International, Inc.	WHLM	7	79		
Vishay Precision Group, Inc.	VPG	3	36	367		Willamette Valley Vineyards,					
Visteon Corporation	VC	3	37	371	3714	Inc.	WVVI	2	20	208	
VOC Energy Trust	VOC	1	13	131	0114	Willdan Group, Inc.	WLDN	8	87		
Vonage Holdings Corp.	VG	4	48	101		William Lyon Homes	WLH	1	15		
Vornado Realty Trust	VNO	6	67		6798	Williams-Sonoma, Inc.	WSM	5			
Voya Financial, Inc.	VOYA	6	63		0190	Willis Lease Finance	\\	_	70	705	
					6700	Corporation	WLFC	7	73	735	
W. P. Carey Inc.	WPC	6	67	600	6798	Winmark Corporation	WINA	6	67		6794
W. R. Berkley Corporation	WRB	6	63	633		Winnebago Industries, Inc.	WGO	3	37		
W. R. Grace & Co.	GRA	2	28	281		Wintrust Financial Corporation	WTFC	6	60	602	
W.W. Grainger, Inc.	GWW	5	50	071		WisdomTree Investments, Inc.	WETF	6	62	628	
Wabash National Corporation	WNC	3	37	371	071.4	Wolverine World Wide, Inc.	WWW	3	31		
WABCO Holdings Inc.	WBC	3	37	371	3714	Woodward, Inc.	WWD	3	36	362	
Wabtec Corporation	WAB	3	37			World Acceptance Corporation	WRLD	6	61	614	
Waddell & Reed Financial, Inc.	WDR	6	62	628		World Fuel Services	INIT	_	F-1	F1 ¬	
Walgreens Boots Alliance, Inc.	WBA	5	59			Corporation	INT	5	51	517	
Walker & Dunlop, Inc.	WD	6	61	616	6162	Worthington Industries, Inc.	WOR	3	-		
Walmart Inc.	WMT	5	53	533		WSFS Financial Corporation	WSFS	6	60	603	6035
Washington Federal, Inc.	WAFD	6	60	602		WVS Financial Corp.	WVFC	6	60	603	6036
Washington Real Estate						Wyndham Destinations, Inc.	WYND	6	65	653	
Investment Trust	WRE	6	67		6798	Wynn Resorts, Limited	WYNN	7	79	799	
Washington Trust Bancorp, Inc.	WASH	6	60	602		Xcel Energy Inc.	XEL	4	49	493	493
Waste Management, Inc.	WM	4	49	495		Xerox Holdings Corporation	XRX	3	35	357	357
Waters Corporation	WAT	3	38	382	3826	Xilinx, Inc.	XLNX	3	36	367	3674
Waterstone Financial, Inc.	WSBF	6	60	603	6035	XPEL, Inc.	XPEL	3	37	371	3714
· ·	WSO	5	50			XPO Logistics, Inc.	XPO	4	47	473	
Watsco, Inc.		3	34	349		Xylem Inc.	XYL	3			
Watsco, Inc. Watts Water Technologies, Inc.	WIS					Yelp Inc.	VELD	7	70	737	
Watts Water Technologies, Inc.	WTS					reip inc.	YELP	7	73	131	
	WSTG	5	50	504	5045	•	YELP	7 5	73 58	131	5812
Watts Water Technologies, Inc. Wayside Technology Group,			50 28	504	5045	YUM! Brands, Inc. ZAGG Inc				131	5812

Zebra Technologies			·		
Corporation	ZBRA	3	35	357	3577
Zimmer Biomet Holdings, Inc.	ZBH	3	38	384	3842
Zions Bancorporation, National					
Association	ZION	6	60	602	
Zix Corporation	ZIXI	7	73	737	
Zoetis Inc.	ZTS	2	28	283	2834
Zumiez Inc.	ZUMZ	5	56	565	

Appendix C:

Companies (High-Financial-Risk Set) in Each Industry, by SIC Code

Appendix C is a list of the High-Financial-Risk Set of companies used to calculate the metrics for a composite comprised of companies in the "High-Financial-Risk" category for each SIC code (data availability allowing) in the 2019 Valuation Handbook – U.S. Industry Cost of Capital (data through December 2019).

SIC 1

Abraxas Petroleum Corporation Antero Resources Corporation **CNX** Resources Corporation

CSI Compressco LP Earthstone Energy, Inc. **Enservco Corporation** Foresight Energy LP Freeport-McMoRan Inc. Gran Tierra Energy Inc.

Great Lakes Dredge & Dock

Corporation **Gulfport Energy** Corporation

Hecla Mining Company **Hess Corporation** HighPoint Resources

Corporation

Hovnanian Enterprises, Inc.

Independence Contract

Drilling, Inc. ION Geophysical Corporation KBR, Inc.

Kosmos Energy Ltd. Liquefied Natural Gas

Limited

Matador Resources

Company

Mid-Con Energy Partners,

Noble Energy, Inc.

Northern Oil and Gas, Inc. Orion Group Holdings, Inc. Panhandle Oil and Gas Inc.

PDC Energy, Inc. QEP Resources, Inc. Range Resources Corporation

SAExploration Holdings,

SM Energy Company Summit Midstream

Partners, LP

Superior Energy Services,

TETRA Technologies, Inc. The New Home Company

W&T Offshore, Inc. Whiting Petroleum Corporation WPX Energy, Inc.

SIC 13

Abraxas Petroleum Corporation Antero Resources Corporation **CNX** Resources Corporation CSI Compressco LP Earthstone Energy, Inc.

Enservco Corporation

Gran Tierra Energy Inc. Gulfport Energy Corporation Hess Corporation

HighPoint Resources

Corporation

Independence Contract

Drilling, Inc. ION Geophysical Corporation Kosmos Energy Ltd. Liquefied Natural Gas

Limited

Matador Resources

Company

Mid-Con Energy Partners,

Noble Energy, Inc.

Northern Oil and Gas, Inc. Panhandle Oil and Gas Inc.

PDC Energy, Inc. QEP Resources, Inc. Range Resources Corporation

SAExploration Holdings,

SM Energy Company Summit Midstream Partners, LP

Superior Energy Services,

Inc

TETRA Technologies, Inc. W&T Offshore, Inc. Whiting Petroleum Corporation

WPX Energy, Inc.

SIC 131

Abraxas Petroleum Corporation Antero Resources Corporation **CNX** Resources Corporation

Earthstone Energy, Inc. Gran Tierra Energy Inc. **Gulfport Energy** Corporation Hess Corporation HighPoint Resources Corporation

Kosmos Enerav Ltd. Liquefied Natural Gas

Limited Matador Resources

Company

Mid-Con Energy Partners,

Noble Energy, Inc. Northern Oil and Gas, Inc. Panhandle Oil and Gas Inc.

PDC Energy, Inc. QEP Resources, Inc. Range Resources Corporation

SM Energy Company Summit Midstream Partners, LP W&T Offshore. Inc. Whiting Petroleum

Corporation WPX Energy, Inc.

SIC 2

A.H. Belo Corporation Acorda Therapeutics, Inc.

Aemetis. Inc. Akorn Inc

AMAG Pharmaceuticals.

Assertio Therapeutics, Inc.

Calumet Specialty Products

Partners, L.P. China XD Plastics Company Limited

Coty Inc. Cumberland Pharmaceuticals Inc. CVR Partners, LP Cyanotech Corporation Element Solutions Inc Flotek Industries Inc.

Houghton Mifflin Harcourt

Company

ImmuCell Corporation Insys Therapeutics Inc. Koppers Holdings Inc. Lannett Company, Inc. Lee Enterprises, Incorporated LSB Industries, Inc. OMNOVA Solutions Inc. Pacific Ethanol, Inc.

Primo Water Corporation Quad/Graphics, Inc. R.R. Donnelley & Sons

Company

Rayonier Advanced Materials Inc.

Reliv' International, Inc. Resolute Forest Products

Inc

Revlon. Inc.

The Dixie Group, Inc. The McClatchy Company TreeHouse Foods, Inc. Youngevity International,

SIC 27

A.H. Belo Corporation

Houghton Mifflin Harcourt

Company Lee Enterprises, Incorporated Quad/Graphics, Inc. R.R. Donnelley & Sons

Company

The McClatchy Company

SIC 28

Acorda Therapeutics, Inc.

Aemetis Inc.

Akorn, Inc.

AMAG Pharmaceuticals,

Inc.

Assertio Therapeutics, Inc.

China XD Plastics Company Limited

Coty Inc.

Cumberland

Pharmaceuticals Inc.

CVR Partners, LP

Cyanotech Corporation

Element Solutions Inc

Flotek Industries, Inc.

ImmuCell Corporation

Insys Therapeutics Inc.

Lannett Company, Inc.

LSB Industries, Inc.

OMNOVA Solutions Inc.

Pacific Ethanol, Inc.

Reliv' International, Inc.

Revlon, Inc.

Youngevity International,

Inc.

SIC 283

Acorda Therapeutics, Inc.

Akorn Inc.

AMAG Pharmaceuticals,

Assertio Therapeutics, Inc.

Cumberland

Pharmaceuticals Inc.

Cyanotech Corporation

ImmuCell Corporation

Insys Therapeutics Inc.

Lannett Company, Inc.

Reliv' International, Inc. Youngevity International,

Inc.

SIC 2834

Akorn, Inc.

AMAG Pharmaceuticals,

Inc.

Assertio Therapeutics, Inc.

Cumberland

Pharmaceuticals Inc.

Insys Therapeutics Inc.

Lannett Company, Inc.

Reliv' International, Inc.

Youngevity International,

Inc

SIC 3

3D Systems Corporation Accuray Incorporated

AK Steel Holding Corporation

Allegheny Technologies

Incorporated

Alphatec Holdings, Inc.

Ampco-Pittsburgh Corporation

AngioDynamics, Inc.

Art's-Way Manufacturing

Co., Inc.

Avanos Medical, Inc.

Avid Technology, Inc.

Bel Fuse Inc.

Broadwind Energy, Inc.

CECO Environmental Corp.

Century Aluminum

Company

Chart Industries, Inc. China Recycling Energy

Corporation

ClearOne, Inc.

CPS Technologies

Corporation

CTI Industries Corporation

DENTSPLY SIRONA Inc.

Dynatronics Corporation

Eastman Kodak Company

Extreme Networks, Inc.

Ford Motor Company

Forum Energy

Technologies, Inc.

FreightCar America, Inc.

Harmonic Inc.

Harvard Bioscience, Inc.

Infinera Corporation

Invacare Corporation

Itron, Inc.

JAKKS Pacific, Inc.

Kingold Jewelry, Inc. **Koss Corporation**

Lantronix, Inc.

Libbey Inc.

MACOM Technology

Solutions Holdings, Inc.

MagnaChip Semiconductor Corporation

Manitex International, Inc.

Mattel Inc.

Micron Solutions. Inc.

National Oilwell Varco, Inc.

Navistar International

Corporation

NeoPhotonics Corporation

Newell Brands Inc.

NL Industries. Inc.

NN, Inc.

Nortech Systems Incorporated

Perma-Pipe International Holdings, Inc.

Pioneer Power Solutions,

Pitney Bowes Inc.

RTI Surgical Holdings, Inc.

SIFCO Industries, Inc.

SMTC Corporation

Summer Infant, Inc.

Superior Drilling Products,

Superior Industries

International, Inc.

Tenneco Inc.

Tesla, Inc.

The L.S. Starrett Company

The Manitowoc Company,

TimkenSteel Corporation

Titan International, Inc.

TransDigm Group

Incorporated

Triumph Group, Inc. United States Steel

Corporation

Universal Stainless & Alloy

Products, Inc.

Veeco Instruments Inc.

Viavi Solutions Inc.

SIC 33

AK Steel Holding Corporation

Allegheny Technologies

Incorporated

Century Aluminum

Company TimkenSteel Corporation

United States Steel Corporation

Universal Stainless & Alloy

Products, Inc.

SIC 35

3D Systems Corporation

Art's-Way Manufacturing

Co., Inc.

Broadwind Energy, Inc.

CECO Environmental Corp.

Extreme Networks. Inc.

Forum Energy

Technologies, Inc. Infinera Corporation

Lantronix, Inc.

Manitex International, Inc.

National Oilwell Varco, Inc. NL Industries, Inc.

Pitney Bowes Inc. Superior Drilling Products,

Inc

The Manitowoc Company, Veeco Instruments Inc.

SIC 353

Forum Energy Technologies, Inc. Manitex International, Inc. National Oilwell Varco, Inc. Superior Drilling Products, Inc. The Manitowoc Company,

Inc

SIC 36

Bel Fuse Inc.

China Recycling Energy Corporation ClearOne. Inc.

Harmonic Inc.

Koss Corporation

MACOM Technology Solutions Holdings, Inc.

MagnaChip Semiconductor Corporation

NeoPhotonics Corporation

Nortech Systems Incorporated

Pioneer Power Solutions,

SMTC Corporation

SIC 367

Bel Fuse Inc.

MACOM Technology Solutions Holdings, Inc.

MagnaChip Semiconductor

Corporation

NeoPhotonics Corporation

Nortech Systems Incorporated SMTC Corporation

SIC 37

Ford Motor Company FreightCar America, Inc.

Navistar International

Corporation

SIFCO Industries, Inc.

Superior Industries International, Inc. Tenneco Inc.

Tesla, Inc.

TransDigm Group Incorporated

Triumph Group, Inc.

Ford Motor Company

Navistar International Corporation

Superior Industries International, Inc.

Tenneco Inc. Tesla, Inc.

SIC 38

Accuray Incorporated Alphatec Holdings, Inc. AngioDynamics, Inc.

Avanos Medical, Inc.

Avid Technology, Inc.

DENTSPLY SIRONA Inc.

Dynatronics Corporation

Harvard Bioscience, Inc. Invacare Corporation

Itron, Inc.

Micron Solutions. Inc.

RTI Surgical Holdings, Inc.

SIC 384

Accuray Incorporated Alphatec Holdings, Inc. AngioDynamics, Inc. Avanos Medical, Inc. DENTSPLY SIRONA Inc. **Dynatronics Corporation** Invacare Corporation Micron Solutions, Inc. RTI Surgical Holdings, Inc.

SIC 4

Boingo Wireless, Inc.

Casella Waste Systems,

Inc

Consolidated

Communications Holdings.

Inc.

EnLink Midstream, LLC

Entercom Communications

Corp.

EQT Corporation

FirstEnergy Corp.

Frontier Communications

Corporation GCI Liberty Inc. Globalstar, Inc. Gogo Inc.

GTT Communications, Inc. Hudson Technologies Inc.

JanOne Inc.

KVH Industries, Inc. NRG Energy, Inc.

ORBCOMM Inc.

Perma-Fix Environmental

Services, Inc. PG&E Corporation

Roadrunner Transportation

Systems, Inc.

Salem Media Group, Inc. **Sprint Corporation** Targa Resources Corp. TerraForm Power, Inc. Urban One Inc. YRC Worldwide Inc.

Boingo Wireless, Inc. Consolidated

Communications Holdings,

Entercom Communications

Corp

Frontier Communications

Corporation GCI Liberty Inc. Globalstar, Inc. Gogo Inc.

GTT Communications, Inc.

KVH Industries. Inc.

OBBCOMM Inc.

Salem Media Group, Inc.

Sprint Corporation

Urban One Inc.

SIC 49

Casella Waste Systems,

EnLink Midstream, LLC

EQT Corporation FirstEnergy Corp.

Hudson Technologies Inc.

JanOne Inc.

NRG Energy, Inc.

Perma-Fix Environmental

Services, Inc. PG&E Corporation

Targa Resources Corp.

TerraForm Power, Inc.

SIC 5

A-Mark Precious Metals,

Ascena Retail Group, Inc.

AutoZone, Inc.

BlueLinx Holdings Inc. Clean Energy Fuels Corp.

Destination XL Group, Inc.

Diplomat Pharmacy, Inc.

Diversified Restaurant

Holdings, Inc.

Domino's Pizza, Inc.

Envela Corporation Good Times Restaurants

iMedia Brands, Inc.

J. C. Penney Company, Inc.

Luby's, Inc.

Martin Midstream Partners

ΙP

MRC Global Inc.

Noodles & Company

Owens & Minor, Inc.

Pyxus International, Inc. RTW Retailwinds, Inc.

Stage Stores, Inc.

Stein Mart, Inc.

Tailored Brands, Inc.

The Michaels Companies,

The ONE Group Hospitality,

Inc

Tuesday Morning

Corporation

U.S. Auto Parts Network,

Inc

United Natural Foods, Inc.

SIC 56

Ascena Retail Group, Inc. Destination XL Group, Inc. RTW Retailwinds, Inc.

Stage Stores, Inc.

Stein Mart, Inc.

Tailored Brands, Inc.

SIC 58

Diversified Restaurant

Holdings, Inc.

Domino's Pizza, Inc.

Good Times Restaurants

Inc.

Luby's, Inc.

Noodles & Company

The ONE Group Hospitality,

Inc.

SIC 5812

Diversified Restaurant

Holdings, Inc.

Domino's Pizza, Inc.

Good Times Restaurants

Inc.

Luby's, Inc.

Noodles & Company

The ONE Group Hospitality,

Inc.

SIC 59

Diplomat Pharmacy, Inc.

Envela Corporation

iMedia Brands, Inc.

The Michaels Companies,

Inc.

U.S. Auto Parts Network,

Inc.

SIC 6

AG Mortgage Investment

Trust, Inc.

AGNC Investment Corp.

Altisource Asset

Management Corporation

Ambac Financial Group,

Inc.

American Homes 4 Rent

Apex Global Brands Inc.

Arlington Asset Investment

Corp.

ARMOUR Residential REIT,

Inc.

Ashford Hospitality Trust,

Inc.

Barings BDC, Inc.

Bluerock Residential Growth REIT, Inc.

Brookfield DTLA Office Brookfield Property REIT

Inc.

Capitala Finance Corp.

Capstead Mortgage

Corporation

Carver Bancorp, Inc.

CBL & Associates Properties, Inc.

Cedar Realty Trust, Inc.

Cherry Hill Mortgage

Investment Corporation

Chimera Investment

Corporation

CIM Commercial Trust

Corporation
Citizens, Inc.
Colony Capital, Inc.
Condor Hospitality Trust,

Inc.

Consumer Portfolio Services, Inc.

CyrusOne Inc.

Dine Brands Global, Inc.

Dynex Capital, Inc. Ellington Financial Inc.

Ellington Residential Mortgage REIT

Envestnet, Inc.

Exantas Capital Corp. Genworth Financial, Inc.

Gladstone Commercial

Corporation
Grupa LOTOS S.A.

Hunt Companies Finance

Trust, Inc.

Iconix Brand Group, Inc.

INTL FCStone Inc.

iStar Inc.

JMP Group LLC

Kite Realty Group Trust Limestone Bancorp, Inc.

MBIA Inc.

Medley Management Inc. MoneyGram International,

Inc.

MVC Capital, Inc. National Holdings

Corporation

Navient Corporation

New England Realty Associates Limited Partnership

New Senior Investment

Group Inc.

New York Mortgage Trust,

Inc.

Oaktree Specialty Lending

Corporation

Office Properties Income

Trust

Orchid Island Capital, Inc.

Pennsylvania Real Estate

Investment Trust

Portman Ridge Finance

Corporation Power REIT

Preferred Apartment Communities, Inc. Redwood Trust, Inc.

Regional Health Properties,

Inc.

SBA Communications

Corporation Sculptor Capital

Management, Inc.
Seguential Brands Group,

Inc

SITE Centers Corp. Sotherly Hotels Inc. StoneMor Inc.

Two Harbors Investment

Corp.

UMH Properties, Inc.

Usio, Inc. VEREIT, Inc.

Washington Prime Group

Inc.

Western Asset Mortgage Capital Corporation

SIC 62

Ellington Financial Inc.

Envestnet, Inc. Grupa LOTOS S.A. INTL FCStone Inc.

JMP Group LLC Medley Management Inc.

National Holdings Corporation Sculptor Capital

Management, Inc.

SIC 67

AG Mortgage Investment

Trust, Inc.

AGNC Investment Corp. American Homes 4 Rent Apex Global Brands Inc.

Arlington Asset Investment

Corp.

ARMOUR Residential REIT,

inc.

Ashford Hospitality Trust,

Barings BDC, Inc.
Bluerock Residential
Growth REIT, Inc.
Brookfield DTLA Office
Brookfield Property REIT

Inc

Capitala Finance Corp.

Capstead Mortgage

Corporation

CBL & Associates Properties, Inc. Cedar Realty Trust, Inc. Cherry Hill Mortgage **Investment Corporation** Chimera Investment Corporation CIM Commercial Trust Corporation Colony Capital, Inc. Condor Hospitality Trust, CyrusOne Inc. Dine Brands Global, Inc. Dynex Capital, Inc. Ellington Residential Mortgage REIT Exantas Capital Corp. Gladstone Commercial Corporation **Hunt Companies Finance** Trust, Inc. Iconix Brand Group, Inc. iStar Inc. Kite Realty Group Trust MVC Capital, Inc. New Senior Investment Group Inc. New York Mortgage Trust, Inc. Oaktree Specialty Lending Corporation

Office Properties Income Trust

Orchid Island Capital, Inc. Pennsylvania Real Estate Investment Trust

Portman Ridge Finance Corporation Power REIT

Preferred Apartment Communities, Inc. Redwood Trust, Inc.

Regional Health Properties, Inc.

SBA Communications Corporation

Sequential Brands Group,

SITE Centers Corp. Sotherly Hotels Inc.

Two Harbors Investment Corp.

UMH Properties, Inc.

VEREIT. Inc. Washington Prime Group

Western Asset Mortgage **Capital Corporation**

SIC 6798

AG Mortgage Investment Trust, Inc.

AGNC Investment Corp. American Homes 4 Rent ARMOUR Residential REIT,

Ashford Hospitality Trust,

Bluerock Residential Growth REIT. Inc. Brookfield DTLA Office Brookfield Property REIT

Capstead Mortgage Corporation **CBL & Associates** Properties, Inc.

Cedar Realty Trust, Inc. Cherry Hill Mortgage **Investment Corporation** Chimera Investment

CIM Commercial Trust Corporation Colony Capital, Inc.

Condor Hospitality Trust,

Corporation

CyrusOne Inc. Dynex Capital, Inc. Ellington Residential Mortgage REIT Exantas Capital Corp. Gladstone Commercial

Corporation

Hunt Companies Finance

Trust, Inc. iStar Inc.

Kite Realty Group Trust New Senior Investment

Group Inc.

New York Mortgage Trust,

Office Properties Income

Trust

Orchid Island Capital, Inc. Pennsylvania Real Estate Investment Trust

Power REIT Preferred Apartment Communities. Inc. Redwood Trust. Inc.

Regional Health Properties,

SBA Communications

Corporation SITE Centers Corp. Sotherly Hotels Inc. Two Harbors Investment

Corp.

UMH Properties, Inc.

VEREIT, Inc.

Washington Prime Group

Inc.

Western Asset Mortgage Capital Corporation

SIC 7

AeroCentury Corp. Allscripts Healthcare Solutions. Inc. AMC Entertainment Holdings, Inc. Asure Software. Inc. AutoWeb. Inc.

Avis Budget Group, Inc. Bottomline Technologies

(de), Inc.

Caesars Entertainment

Corporation

Clear Channel Outdoor

Holdings, Inc.

Corporation

Commvault Systems, Inc. eGain Corporation Endurance International Group Holdings, Inc. Full House Resorts, Inc. GEE Group, Inc. General Finance

Golden Entertainment, Inc.

Groupon, Inc. GSE Systems, Inc. Hertz Global Holdings, Inc. InnerWorkings, Inc. Internap Corporation Inuvo, Inc.

Kratos Defense & Security Solutions, Inc.

Liberty TripAdvisor Holdings, Inc.

Limelight Networks, Inc. Live Nation Entertainment,

Inc

LivePerson. Inc. National CineMedia, Inc. Nuance Communications.

Performant Financial Corporation PFSweb, Inc. Rent-A-Center, Inc.

Ribbon Communications

SeaWorld Entertainment,

Inc

Steel Connect. Inc. Synacor, Inc.

Synchronoss Technologies,

Inc.

The Brink's Company The InterGroup Corporation The Meet Group, Inc. The Rubicon Project, Inc. Town Sports International

Holdings, Inc.

Unisys Corporation Upland Software, Inc. VeriSign, Inc.

SIC 73

AeroCentury Corp.

Allscripts Healthcare Solutions, Inc. Asure Software, Inc.

AutoWeb. Inc.

Bottomline Technologies

(de), Inc.

Clear Channel Outdoor

Holdings, Inc.

Commvault Systems, Inc.

eGain Corporation

Endurance International Group Holdings, Inc.

GEE Group, Inc.

General Finance

Corporation

Groupon, Inc.

GSE Systems, Inc.

InnerWorkings, Inc.

Internap Corporation

Inuvo, Inc.

Kratos Defense & Security

Solutions, Inc.

Liberty TripAdvisor

Holdings, Inc.

Limelight Networks, Inc.

LivePerson, Inc.

National CineMedia, Inc.

Nuance Communications,

Inc.

Performant Financial

Corporation

PFSweb, Inc.

Rent-A-Center, Inc.

Ribbon Communications

Inc.

Steel Connect, Inc.

Synacor, Inc.

Synchronoss Technologies,

Inc.

The Brink's Company

The Meet Group, Inc.

The Rubicon Project, Inc.

Unisys Corporation

Upland Software, Inc.

VeriSign, Inc.

SIC 737

Allscripts Healthcare

Solutions, Inc.

Asure Software, Inc.

AutoWeb, Inc.

Bottomline Technologies

(de), Inc.

Commvault Systems, Inc.

eGain Corporation

Endurance International Group Holdings, Inc.

Groupon, Inc.

Internap Corporation

Inuvo, Inc.

Kratos Defense & Security

Solutions, Inc.

Liberty TripAdvisor Holdings, Inc.

Limelight Networks, Inc.

LivePerson. Inc.

Nuance Communications,

Inc.

PFSweb, Inc.

Ribbon Communications

Inc

Synacor, Inc.

Synchronoss Technologies,

Inc.

The Meet Group, Inc.

The Rubicon Project, Inc.

Unisys Corporation

Upland Software, Inc.

VeriSign, Inc.

SIC 79

Caesars Entertainment

Corporation

Full House Resorts, Inc.

Golden Entertainment, Inc. Live Nation Entertainment,

Inc

SeaWorld Entertainment,

Inc.

Town Sports International

Holdings, Inc.

SIC 799

Caesars Entertainment

Corporation

Full House Resorts, Inc.

Golden Entertainment, Inc.

SeaWorld Entertainment,

Inc.

Town Sports International

Holdings, Inc.

SIC 8

Bioanalytical Systems, Inc.

Brookdale Senior Living Inc.

Capital Senior Living

Corporation

Community Health

Systems, Inc.

Digirad Corporation

ENGlobal Corporation Five Star Senior Living Inc.

Hanger, Inc.

HCA Healthcare, Inc.

Hill International, Inc.

InfuSystem Holdings Inc.

Lincoln Educational Services Corporation NeoGenomics, Inc. R1 RCM Inc.

Universal Technical Institute, Inc.

Tenet Healthcare

Corporation

SIC 80

Brookdale Senior Living Inc.

Community Health Systems, Inc.

Digirad Corporation

Five Star Senior Living Inc.

Hanger, Inc.

HCA Healthcare, Inc.

InfuSystem Holdings Inc.

NeoGenomics, Inc. Tenet Healthcare

Corporation

Appendix D:

SIC Codes in which Companies (High-Financial-Risk Set) are Included

Appendix D is a list of the SIC codes in which each of the companies in the High-Financial-Risk Set of companies are included in the 2019 Valuation Handbook – U.S. Industry Cost of Capital (data through December 2019).

3D Systems Corporation	DDD	3	35			Carver Bancorp, Inc.	CARV	6			
A.H. Belo Corporation	AHC	2	27	101		Casella Waste Systems, Inc.	CWST	4	49		6700
Abraxas Petroleum Corporation	AXAS	1	13	131		CBL & Associates Properties, Inc.	CBL	6	67		6798
Accuray Incorporated	ARAY	3	38	384		CECO Environmental Corp.	CECE	3	35		6700
Acorda Therapeutics, Inc.	ACOR	2	28	283		Cedar Realty Trust, Inc.	CDR	6	67		6798
Aemetis, Inc.	AMTX	2	28			Century Aluminum Company	CENX	3	33		
AeroCentury Corp. AG Mortgage Investment Trust,	ACY	7	73			Chart Industries, Inc.	GTLS	3			
Inc.	MITT	6	67		6798	Cherry Hill Mortgage Investment	OLIN 41	_	C 7		6700
AGNC Investment Corp.	AGNC	6	67		6798	Corporation	CHMI	6	67		6798
AK Steel Holding Corporation	AKS	3	33			Chimera Investment Corporation China Recycling Energy	CIM	6	67		6798
Akorn, Inc.	AKRX	2	28	283	2834	Corporation	CREG	3	36		
Allegheny Technologies						China XD Plastics Company					
Incorporated	ATI	3	33			Limited	CXDC	2	28		
Allscripts Healthcare Solutions,		_				CIM Commercial Trust					
Inc.	MDRX	7	73	737		Corporation	CMCT	6	67		6798
Alphatec Holdings, Inc.	ATEC	3	38	384		Citizens, Inc.	CIA	6			
Altisource Asset Management	4.44.40	_				Clean Energy Fuels Corp. Clear Channel Outdoor Holdings,	CLNE	5			
Corporation	AAMC	6	0.0	000	0004	Inc.	CCO	7	73		
AMAG Pharmaceuticals, Inc.	AMAG	2	28	283	2834	ClearOne, Inc.	CLRO	3	36		
A-Mark Precious Metals, Inc.	AMRK	5				CNX Resources Corporation	CNX	1	13	131	
Ambac Financial Group, Inc. AMC Entertainment Holdings,	AMBC	6				Colony Capital, Inc.	CLNY	6	67	101	6798
Inc.	AMC	7				Community Health Systems, Inc.	CYH	8	80		0130
American Homes 4 Rent	AMH	6	67		6798	Commvault Systems, Inc.	CVLT	7	73	737	
Ampco-Pittsburgh Corporation	AP	3	01		0130	Condor Hospitality Trust, Inc.	CDOR	6	67	101	6798
AngioDynamics, Inc.	ANGO	3	38	384		Consolidated Communications	OBOIL	Ü	01		0130
Antero Resources Corporation	AR	1	13	131		Holdings, Inc.	CNSL	4	48		
Apex Global Brands Inc.	APEX	6	67	101		Consumer Portfolio Services, Inc.	CPSS	6	10		
Arlington Asset Investment Corp.	Al	6	67			Coty Inc.	COTY	2	28		
ARMOUR Residential REIT, Inc.	ARR	6	67		6798	CPS Technologies Corporation	CPSH	3	20		
Art's-Way Manufacturing Co.,			0.		0.30	CSI Compressco LP	CCLP	1	13		
Inc.	ARTW	3	35			CTI Industries Corporation	CTIB	3			
Ascena Retail Group, Inc.	ASNA	5	56			Cumberland Pharmaceuticals	0115				
Ashford Hospitality Trust, Inc.	AHT	6	67		6798	Inc.	CPIX	2	28	283	2834
Assertio Therapeutics, Inc.	ASRT	2	28	283	2834	CVR Partners, LP	UAN	2	28		
Asure Software, Inc.	ASUR	7	73	737		Cyanotech Corporation	CYAN	2	28	283	
AutoWeb, Inc.	AUTO	7	73	737		CyrusOne Inc.	CONE	6	67		6798
AutoZone, Inc.	AZO	5				DENTSPLY SIRONA Inc.	XRAY	3	38	384	
Avanos Medical, Inc.	AVNS	3	38	384		Destination XL Group, Inc.	DXLG	5	56		
Avid Technology, Inc.	AVID	3	38			Digirad Corporation	DRAD	8	80		
Avis Budget Group, Inc.	CAR	7				Dine Brands Global, Inc.	DIN	6	67		
Barings BDC, Inc.	BBDC	6	67			Diplomat Pharmacy, Inc.	DPLO	5	59		
Bel Fuse Inc.	BELFB	3	36	367		Diversified Restaurant Holdings,	SAUC	E	EO		5812
Bioanalytical Systems, Inc.	BASI	8				Inc. Domino's Pizza, Inc.	DPZ	5 5	58 58		5812
BlueLinx Holdings Inc.	BXC	5					DYNT	3	38	384	3012
Bluerock Residential Growth REIT, Inc.	BRG	6	67		6798	Dynarronics Corporation	DYNI		67	304	6798
	WIFI	6 4	48		0190	Dynex Capital, Inc. Earthstone Energy, Inc.	ESTE	6 1	13	131	0190
Boingo Wireless, Inc. Bottomline Technologies (de),	VVII	4	40			Eastman Kodak Company	KODK	3	13	131	
Inc.	EPAY	7	73	737		eGain Corporation	EGAN	7	73	737	
Broadwind Energy, Inc.	BWEN	3	35			Element Solutions Inc	ESI	2	28	131	
Brookdale Senior Living Inc.	BKD	8	80			Ellington Financial Inc.	EFC	6	62		
Brookfield DTLA Office	DTLA.P	6	67		6798	Ellington Residential Mortgage	LIO	O	UZ		
Brookfield Property REIT Inc.	BPR	6	67		6798	REIT	EARN	6	67		6798
Caesars Entertainment						Endurance International Group					
Corporation	CZR	7	79	799		Holdings, Inc.	EIGI	7	73	737	
Calumet Specialty Products						ENGlobal Corporation	ENG	8			
Partners, L.P.	CLMT	2				EnLink Midstream, LLC	ENLC	4	49		
Capital Senior Living Corporation	CSU	8				Enservco Corporation	ENSV	1	13		
Capitala Finance Corp.	CPTA	6	67			Entercom Communications Corp.	ETM	4	48		
Capstead Mortgage Corporation	CMO	6	67		6798	Envela Corporation	ELA	5	59		

Envestnet, Inc.	ENV	6	62			iStar Inc.	STAR	6	67		6798
EQT Corporation	EQT	4	49			Itron, Inc.	ITRI	3	38		
Exantas Capital Corp.	XAN	6	67		6798	J. C. Penney Company, Inc.	JCP	5			
Extreme Networks, Inc.	EXTR	3	35			JAKKS Pacific, Inc.	JAKK	3			
FirstEnergy Corp.	FE	4	49			JanOne Inc.	JAN	4	49		
Five Star Senior Living Inc.	FVE	8	80			JMP Group LLC	JMP	6	62		
Flotek Industries, Inc.	FTK	2	28			KBR, Inc.	KBR	1			
Ford Motor Company	F	3	37	371		Kingold Jewelry, Inc.	KGJI	3			
Foresight Energy LP	FELP	1	0.	0		Kite Realty Group Trust	KRG	6	67		6798
Forum Energy Technologies, Inc.	FET	3	35	353		Koppers Holdings Inc.	KOP	2	0.		0.50
Freeport-McMoRan Inc.	FCX	1	00	000		Kosmos Energy Ltd.	KOS	1	13	131	
FreightCar America, Inc.	RAIL	3	37			Koss Corporation	KOSS	3	36	101	
Frontier Communications						Kratos Defense & Security				707	
Corporation	FTR	4	48	700		Solutions, Inc.	KTOS	7	73	737	
Full House Resorts, Inc.	FLL	7	79	799		KVH Industries, Inc.	KVHI	4	48	000	0004
GCI Liberty Inc.	GLIBA	4	48			Lannett Company, Inc.	LCI	2	28	283	2834
GEE Group, Inc.	JOB	7	73			Lantronix, Inc.	LTRX	3	35		
General Finance Corporation	GFN	7	73			Lee Enterprises, Incorporated	LEE	2	27		
Genworth Financial, Inc.	GNW	6				Libbey Inc.	LBY	3			
Gladstone Commercial	0000	_	C 7		C700	Liberty TripAdvisor Holdings, Inc.	LTRPA	7	73	737	
Corporation	GOOD	6	67		6798	Limelight Networks, Inc.	LLNW	7	73	737	
Globalstar, Inc.	GSAT	4	48			Limestone Bancorp, Inc.	LMST	6			
Gogo Inc.	GOGO	4	48	700		Lincoln Educational Services	1.1510	_			
Golden Entertainment, Inc.	GDEN	7	79	799		Corporation	LINC	8			
Good Times Restaurants Inc.	GTIM	5	58		5812	Liquefied Natural Gas Limited	LNG	1	13	131	
Gran Tierra Energy Inc.	GTE	1	13	131		Live Nation Entertainment, Inc.	LYV	7	79		
Great Lakes Dredge & Dock	CLDD	1				LivePerson, Inc.	LPSN	7	73	737	
Corporation	GLDD	1	70	737		LSB Industries, Inc.	LXU	2	28		
Groupon, Inc.	GRPN	7	73	131		Luby's, Inc.	LUB	5	58		5812
Grupa LOTOS S.A.	LTS	6	62			MACOM Technology Solutions					
GSE Systems, Inc.	GVP	7	73			Holdings, Inc.	MTSI	3	36	367	
GTT Communications, Inc.	GTT	4	48			MagnaChip Semiconductor					
Gulfport Energy Corporation	GPOR	1	13	131		Corporation	MX	3	36	367	
Hanger, Inc.	HNGR	8	80			Manitex International, Inc.	MNTX	3	35	353	
Harmonic Inc.	HLIT	3	36			Martin Midstream Partners L.P.	MMLP	5			
Harvard Bioscience, Inc.	HBIO	3	38			Matador Resources Company	MTDR	1	13	131	
HCA Healthcare, Inc.	HCA	8	80			Mattel, Inc.	MAT	3			
Hecla Mining Company	HL	1				MBIA Inc.	MBI	6			
Hertz Global Holdings, Inc.	HTZ	7				Medley Management Inc.	MDLY	6	62		
Hess Corporation	HES	1	13	131		Micron Solutions, Inc.	MICR	3	38	384	
HighPoint Resources Corporation	HPR	1	13	131		Mid-Con Energy Partners, LP	MCEP	1	13	131	
Hill International, Inc.	HIL	8				MoneyGram International, Inc.	MGI	6			
Houghton Mifflin Harcourt						MRC Global Inc.	MRC	5			
Company	HMHC	2	27			MVC Capital, Inc.	MVC	6	67		
Hovnanian Enterprises, Inc.	HOV	1				National CineMedia, Inc.	NCMI	7	73		
Hudson Technologies Inc.	HDSN	4	49			National Holdings Corporation	NHLD	6	62		
Hunt Companies Finance Trust,	LIGET	_	c =		6700	National Oilwell Varco, Inc.	NOV	3	35	353	
Inc.	HCFT	6	67		6798	Navient Corporation	NAVI	6	- 5		
Iconix Brand Group, Inc.	ICON	6	67			Navistar International	/ !	9			
iMedia Brands, Inc.	IMBI	5	59			Corporation	NAV	3	37	371	
ImmuCell Corporation	ICCC	2	28	283		NeoGenomics, Inc.	NEO	8	80		
Independence Contract Drilling, Inc.	ICD	1	13			NeoPhotonics Corporation	NPTN	3	36	367	
Infinera Corporation	INFN	3	35			New England Realty Associates					
InfuSystem Holdings Inc.	INFU	8	80			Limited Partnership	NEN	6			
InnerWorkings, Inc.	INWK	7	73			New Senior Investment Group	CNID	_	C 7		6700
Insys Therapeutics Inc.	INSYQ	2	28	283	2834	Inc.	SNR	6	67		6798
Internap Corporation	INAP	7	73	737	2007	New York Mortgage Trust, Inc.	NYMT	6	67		6798
INTL FCStone Inc.	INTL	6	62	101		Newell Brands Inc.	NWL	3			
		7	73	707		NL Industries, Inc.	NL	3	35		
Inuvo, Inc.	INUV		73 38	737 384		NN, Inc.	NNBR	3			
Invacare Corporation		3		304		Noble Energy, Inc.	NBL	1	13	131	
ION Geophysical Corporation	10	1	13			Noodles & Company	NDLS	5	58		5812

Nortech Systems Incorporated	NSYS	3	36	367		Sotherly Hotels Inc.	SOHO	6	67		6798
Northern Oil and Gas, Inc.	NOG	1	13	131		Sprint Corporation	S	4	48		
NRG Energy, Inc.	NRG	4	49			Stage Stores, Inc.	SSI	5	56		
Nuance Communications, Inc.	NUAN	7	73	737		Steel Connect, Inc.	STCN	7	73		
Oaktree Specialty Lending	0.001	_	c 7			Stein Mart, Inc.	SMRT	5	56		
Corporation	OCSL	6	67			StoneMor Inc.	STON	6			
Office Properties Income Trust	OPI	6	67		6798	Summer Infant, Inc.	SUMR	3			
OMNOVA Solutions Inc.	OMN	2	28			Summit Midstream Partners, LP	SMLP	1	13	131	
ORBCOMM Inc.	ORBC	4	48			Superior Drilling Products, Inc.	SDPI	3	35	353	
Orchid Island Capital, Inc.	ORC	6	67		6798	Superior Energy Services, Inc.	SPN	1	13		
Orion Group Holdings, Inc.	ORN	1				Superior Industries International,					
Owens & Minor, Inc.	OMI	5				Inc.	SUP	3	37	371	
Pacific Ethanol, Inc.	PEIX	2	28			Synacor, Inc.	SYNC	7	73	737	
Panhandle Oil and Gas Inc.	PHX	1	13	131		Synchronoss Technologies, Inc.	SNCR	7	73	737	
PDC Energy, Inc.	PDCE	1	13	131		Tailored Brands, Inc.	TLRD	5	56		
Pennsylvania Real Estate						Targa Resources Corp.	TRGP	4	49		
Investment Trust	PEI	6	67		6798	Tenet Healthcare Corporation	THC	8	80		
Performant Financial Corporation	PFMT	7	73			Tenneco Inc.	TEN	3	37	371	
Perma-Fix Environmental						TerraForm Power, Inc.	TERP	4	49		
Services, Inc.	PESI	4	49			Tesla, Inc.	TSLA	3	37	371	
Perma-Pipe International						TETRA Technologies, Inc.	TTI	1	13	011	
Holdings, Inc.	PPIH	3				The Brink's Company	BCO	7	73		
PFSweb, Inc.	PFSW	7	73	737			DXYN		13		
PG&E Corporation	PCG	4	49			The Dixie Group, Inc.		2 7			
Pioneer Power Solutions, Inc.	PPSI	3	36			The InterGroup Corporation	INTG				
Pitney Bowes Inc.	PBI	3	35			The L.S. Starrett Company	SCX	3	0.5	0.50	
Portman Ridge Finance						The Manitowoc Company, Inc.	MTW	3	35	353	
Corporation	PTMN	6	67			The McClatchy Company	MNI	2	27		
Power REIT	PW	6	67		6798	The Meet Group, Inc.	MEET	7	73	737	
Preferred Apartment						The Michaels Companies, Inc.	MIK	5	59		
Communities, Inc.	APTS	6	67		6798	The New Home Company Inc.	NWHM	1			
Primo Water Corporation	PRMW	2				The ONE Group Hospitality, Inc.	STKS	5	58		5812
Pyxus International, Inc.	PYX	5				The Rubicon Project, Inc.	RUBI	7	73	737	
QEP Resources, Inc.	QEP	1	13	131		TimkenSteel Corporation	TMST	3	33		
Quad/Graphics, Inc.	QUAD	2	27			Titan International, Inc.	TWI	3			
R.R. Donnelley & Sons Company	RRD	2	27			Town Sports International					
R1 RCM Inc.	RCM	8				Holdings, Inc.	CLUB	7	79	799	
Range Resources Corporation	RRC	1	13	131		TransDigm Group Incorporated	TDG	3	37		
Rayonier Advanced Materials Inc.	RYAM	2				TreeHouse Foods, Inc.	THS	2			
Redwood Trust, Inc.	RWT	6	67		6798	Triumph Group, Inc.	TGI	3	37		
Regional Health Properties, Inc.	RHE	6	67		6798	Tuesday Morning Corporation	TUES	5			
Reliv' International, Inc.	RELV	2	28	283	2834	Two Harbors Investment Corp.	TWO	6	67		6798
Rent-A-Center, Inc.	RCII	7	73	200	200 .	U.S. Auto Parts Network, Inc.	PRTS	5	59		
Resolute Forest Products Inc.	RFP	2	10			UMH Properties, Inc.	UMH	6	67		6798
Revlon, Inc.	REV	2	28			Unisys Corporation	UIS	7	73	737	
Ribbon Communications Inc.	RBBN	7	73	737		United Natural Foods, Inc.	UNFI	5			
	אוטטא	1	13	131		United States Steel Corporation	X	3	33		
Roadrunner Transportation	DDTO	4				Universal Stainless & Alloy	/\	0	00		
Systems, Inc.	RRTS	4	00	004		Products, Inc.	USAP	3	33		
RTI Surgical Holdings, Inc.	RTIX	3	38	384		Universal Technical Institute, Inc.	UTI	8			
RTW Retailwinds, Inc.	RTW	5	56			Upland Software, Inc.	UPLD	7	73	737	
SAExploration Holdings, Inc.	SAEX	1	13			Urban One Inc.	UONEK	4	48		
Salem Media Group, Inc.	SALM	4	48			Usio, Inc.	USIO	6	10		
SBA Communications	ODAO	_	C 7		6700	Veeco Instruments Inc.	VECO	3	35		
Corporation Sculptor Capital Management,	SBAC	6	67		6798	VEREIT, Inc.	VECO	6	67		6798
Inc.	SCU	6	62					7		737	0190
SeaWorld Entertainment, Inc.	SEAS	7	79	799		VeriSign, Inc.	VRSN		73	131	
Sequential Brands Group, Inc.	SQBG	6	67	1 3 3		Viavi Solutions Inc.	VIAV	3	10	101	
SIFCO Industries, Inc.	SUBG	3	37			W&T Offshore, Inc.	WTI	1	13	131	6766
					6709	Washington Prime Group Inc.	WPG	6	67		6798
SITE Centers Corp.	SITC	6	67	101	6798	Western Asset Mortgage Capital					
SM Energy Company	SM	1	13	131		Corporation	WMC	6	67		6798
SMTC Corporation	SMTX	3	36	367		Whiting Petroleum Corporation	WLL	1	13	131	

WPX Energy, Inc.	WPX	1	13	131	
Youngevity International, Inc.	YGYI	2	28	283	2834
VRC Worldwide Inc	VRCW	4			

Appendix E:

Industry List by SIC Code

Appendix E is a list of the U.S. industries analyzed in the 2019 Valuation Handbook – U.S. Industry Cost of Capital (data through December 2019) by SIC code.

1 13	Mining & Construction Oil and Gas Extraction	3663	Radio and Television Broadcasting and Communications Equipment
131	Crude Petroleum and Natural Gas	367	Electronic Components and Accessories
14	Mining and Quarrying Of Nonmetallic Minerals, Except Fuels	3672	Printed Circuit Boards
15	Building Construction General Contractors and Operative	3674	Semiconductors and Related Devices
	Builders	369	Miscellaneous Electrical Machinery, Equipment, and Supplies
16	Heavy Construction Other Than Building Construction	37	Transportation Equipment
	Contractors	371	Motor Vehicles and Motor Vehicle Equipment
2	Manufacturing	3714	Motor Vehicle Parts and Accessories
20	Food and Kindred Products	38	Measuring, Analyzing, and Controlling Instruments;
201	Meat Products		Photographic, Medical and Optical Goods; Watches and Clocks
203	Canned, Frozen, and Preserved Fruits, Vegetables, and Food		
	Specialties	382	Laboratory Apparatus and Analytical, Optical, Measuring, and
208	Beverages		Controlling Instruments
22	Textile Mill Products	3825	Instruments for Measuring and Testing of Electricity and
23	Apparel and Other Finished Products Made From Fabrics and		Electrical Signals
	Similar Materials	3826	Laboratory Analytical Instruments
24	Lumber and Wood Products, Except Furniture	384	Surgical, Medical, and Dental Instruments and Supplies
25	Furniture and Fixtures	3841	Surgical and Medical Instruments and Apparatus
251	Household Furniture	3842	Orthopedic, Prosthetic, and Surgical Appliances and Supplies
26	Paper and Allied Products	3845	Electromedical and Electrotherapeutic Apparatus
262	Paper Mills	39	Miscellaneous Manufacturing Industries
265	Paperboard Containers and Boxes	4	Transportation, Communications, Electric, Gas, and Sanitary
27	Printing, Publishing, and Allied Industries		Services
28	Chemicals and Allied Products	42	Motor Freight Transportation and Warehousing
281	Industrial Inorganic Chemicals	4213	Trucking, Except Local
283	Drugs	45	Transportation By Air
2834	Pharmaceutical Preparations	451	Air Transportation, Scheduled, and Air Courier
2835	In Vitro and In Vivo Diagnostic Substances	46	Pipelines, Except Natural Gas
2836	Biological Products, Except Diagnostic Substances	47	Transportation Services
284	Soap, Detergents, and Cleaning Preparations; Perfumes,	473	Arrangement Of Transportation Of Freight and Cargo
	Cosmetics, and Other Toilet Preparations	48	Communications
286	Industrial Organic Chemicals	481	Telephone Communications
287	Agricultural Chemicals	4812	Radiotelephone Communications
29	Petroleum Refining and Related Industries	4813	Telephone Communications, Except Radiotelephone
291	Petroleum Refining	483	Radio and Television Broadcasting Stations
3	Manufacturing	4832	Radio Broadcasting Stations
30	Rubber and Miscellaneous Plastics Products	4833	Television Broadcasting Stations
308	Miscellaneous Plastics Products	49	Electric, Gas, and Sanitary Services
31	Leather and Leather Products	491	Electric Services
32	Stone, Clay, Glass, and Concrete Products	492	Gas Production and Distribution
33	Primary Metal Industries	4922	Natural Gas Transmission
331	Steel Works, Blast Furnaces, and Rolling and Finishing Mills	4924	Natural Gas Distribution
34	Fabricated Metal Products, Except Machinery and Transportation Equipment	493	Combination Electric and Gas, and Other Utility
0.40		4931	Electric and Other Services Combined
342	Cutlery, Handtools, and General Hardware	494	Water Supply
349	Miscellaneous Fabricated Metal Products	495	Sanitary Services
35	Industrial and Commercial Machinery and Computer Equipment	5	Wholesale Trade & Retail Trade
252		50 504	Wholesale Trade-durable Goods
353	Construction, Mining, and Materials Handling	504	Professional and Commercial Equipment and Supplies
355	Special Industry Machinery, Except Metalworking	5045	Computers and Computer Peripheral Equipment and Software
3559	Special Industry Machinery, Not Elsewhere Classified	506	Electrical Goods
356	General Industrial Machinery and Equipment		Wholesale Trade-non-durable Goods
357	Computer and Office Equipment Computer Peripheral Equipment, Not Elsewhere Classified	51 512	
3577 36	Electronic and Other Electrical Equipment and Components,	512 517	Drugs, Drug Proprietaries, and Druggists' Sundries Petroleum and Petroleum Products
50	Except Computer Equipment Except Computer Equipment	53	General Merchandise Stores
362	Electrical Industrial Apparatus	533	Variety Stores
3621	Motors and Generators	54	Food Stores
3621	Communications Equipment	54 5/1	Grocery Stores

Grocery Stores
Automotive Dealers and Gasoline Service Stations
Apparel and Accessory Stores Family Clothing Stores
Home Furniture, Furnishings, and Equipment Stores
Eating and Drinking Places
Eating Places
Miscellaneous Retail
Miscellaneous Shopping Goods Stores
Finance, Insurance, and Real Estate
Depository Institutions
Commercial Banks
Savings Institutions
Savings Institutions, Federally Chartered
Savings Institutions, Not Federally Chartered
Non-depository Credit Institutions
Personal Credit Institutions
Mortgage Bankers and Brokers
Mortgage Bankers and Loan Correspondents
Security and Commodity Brokers, Dealers, Exchanges, and Services
Security Brokers, Dealers, and Flotation Services Allied With The Exchange Of Securities
Insurance Carriers
Life Insurance
Accident and Health Insurance and Medical
Hospital and Medical Service Plans
Fire, Marine, and Casualty Insurance
Insurance Agents, Brokers, and Service
Real Estate
Real Estate Operators (except Developers) and Lessors
Real Estate Agents and Managers
Holding and Other Investment Offices
Patent Owners and Lessors
Real Estate Investment Trusts
Services
Hotels, Rooming Houses, Camps, and Other Lodging Places
Business Services
Miscellaneous Equipment Rental and Leasing Personnel Supply Services
Employment Agencies
Help Supply Services
Computer Programming, Data Processing, and Other
Computer Related Services
Prepackaged Software
Computer Integrated Systems Design
Computer Processing and Data Preparation and Processing
Services
Miscellaneous Business Services
Amusement and Recreation Services
Miscellaneous Amusement and Recreation
Services
Health Services
Miscellaneous Health and Allied Services, Not
Educational Services
Engineering, Accounting, Research, Management, and Related Services
Management and Public Relations Services
Management and Fubilic netations Services

Appendix F:

Industry List by Industry Name (alphabetical)

Appendix F is a list of the U.S. industries analyzed in the 2019 Valuation Handbook – U.S. Industry Cost of Capital (data through December 2019) in alphabetical order.

Accident and Health Insurance and Medical	632	General Merchandise Stores	53
Agricultural Chemicals	287	Grocery Stores	541
Air Transportation, Scheduled, and Air Courier	451	Grocery Stores	5411
Amusement and Recreation Services	79	Health Services	80
Apparel and Accessory Stores	56	Heavy Construction Other Than Building Construction Contractors	16
Apparel and Other Finished Products Made From Fabrics and Similar Materials	23		
	470	Help Supply Services	7363
Arrangement Of Transportation Of Freight and Cargo	473	Holding and Other Investment Offices	67
Automotive Dealers and Gasoline Service Stations	55	Home Furniture, Furnishings, and Equipment Stores	57
Beverages	208	Hospital and Medical Service Plans	6324
Biological Products, Except Diagnostic Substances	2836 15	Hotels, Rooming Houses, Camps, and Other Lodging Places Household Furniture	70 251
Building Construction General Contractors and Operative Builders	15		2835
Business Services	73	In Vitro and In Vivo Diagnostic Substances Industrial and Commercial Machinery and Computer Equipment	35
Canned, Frozen, and Preserved Fruits, Vegetables, and Food	203	Industrial Inorganic Chemicals	281
Specialties	203	Industrial Organic Chemicals	286
Chemicals and Allied Products	28	Instruments for Measuring and Testing of Electricity and Electrical	3825
Combination Electric and Gas, and Other Utility	493	Signals	3023
Commercial Banks	602	Insurance Agents, Brokers, and Service	64
Communications	48	Insurance Carriers	63
Communications Equipment	366	Laboratory Analytical Instruments	3826
Computer and Office Equipment	357	Laboratory Apparatus and Analytical, Optical, Measuring, and	382
Computer Integrated Systems Design	7373	Controlling Instruments	002
Computer Peripheral Equipment, Not Elsewhere Classified	3577	Leather and Leather Products	31
Computer Processing and Data Preparation and Processing	7374	Life Insurance	631
Services	1014	Lumber and Wood Products, Except Furniture	24
Computer Programming, Data Processing, and Other Computer	737	Management and Public Relations Services	874
Related Services	101	Manufacturing	2
Computers and Computer Peripheral Equipment and Software	5045	Manufacturing	3
Construction, Mining, and Materials Handling	353	Measuring, Analyzing, and Controlling Instruments; Photographic,	38
Crude Petroleum and Natural Gas	131	Medical and Optical Goods; Watches and Clocks	
Cutlery, Handtools, and General Hardware	342	Meat Products	201
Depository Institutions	60	Mining & Construction	1
Drugs	283	Mining and Quarrying Of Nonmetallic Minerals, Except Fuels	14
Drugs, Drug Proprietaries, and Druggists' Sundries	512	Miscellaneous Amusement and Recreation	799
Eating and Drinking Places	58	Miscellaneous Business Services	738
Eating Places	5812	Miscellaneous Electrical Machinery, Equipment, and Supplies	369
Educational Services	82	Miscellaneous Equipment Rental and Leasing	735
Electric and Other Services Combined	4931	Miscellaneous Fabricated Metal Products	349
Electric Services	491	Miscellaneous Health and Allied Services, Not	809
Electric, Gas, and Sanitary Services	49	Miscellaneous Manufacturing Industries	39
Electrical Goods	506	Miscellaneous Plastics Products	308
Electrical Industrial Apparatus	362	Miscellaneous Retail	59
Electromedical and Electrotherapeutic Apparatus	3845	Miscellaneous Shopping Goods Stores	594
Electronic and Other Electrical Equipment and Components, Except	36	Mortgage Bankers and Brokers	616
Computer Equipment		Mortgage Bankers and Loan Correspondents	6162
Electronic Components and Accessories	367	Motor Freight Transportation and Warehousing	42
Employment Agencies	7361	Motor Vehicle Parts and Accessories	3714
Engineering, Accounting, Research, Management, and Related	87	Motor Vehicles and Motor Vehicle Equipment	371
Services		Motors and Generators	3621
Fabricated Metal Products, Except Machinery and Transportation	34	Natural Gas Distribution	4924
Equipment		Natural Gas Transmission	4922
Family Clothing Stores	565	Non-depository Credit Institutions	61
Finance, Insurance, and Real Estate	6	Oil and Gas Extraction	13
Fire, Marine, and Casualty Insurance	633	Orthopedic, Prosthetic, and Surgical Appliances and Supplies	3842
Food and Kindred Products	20	Paper and Allied Products	26
Food Stores	54	Paper Mills	262
Furniture and Fixtures	25	Paperboard Containers and Boxes	265
Gas Production and Distribution	492	Patent Owners and Lessors	6794
General Industrial Machinery and Equipment	356	Personal Credit Institutions	614

	706
Personnel Supply Services	736
Petroleum and Petroleum Products	517
Petroleum Refining	291
Petroleum Refining and Related Industries	29
Pharmaceutical Preparations Pipelines, Except Natural Gas	2834 46
Prepackaged Software	7372 33
Primary Metal Industries Printed Circuit Boards	3672
Printing, Publishing, and Allied Industries	27
Professional and Commercial Equipment and Supplies	504
Radio and Television Broadcasting and Communications	3663
Equipment	3003
Radio and Television Broadcasting Stations	483
Radio Broadcasting Stations	4832
Radiotelephone Communications	4812
Real Estate	65
Real Estate Agents and Managers	653
Real Estate Investment Trusts	6798
Real Estate Operators (except Developers) and Lessors	651
Rubber and Miscellaneous Plastics Products	30
Sanitary Services	495
Savings Institutions	603
Savings Institutions, Federally Chartered	6035
Savings Institutions, Not Federally Chartered	6036
Security and Commodity Brokers, Dealers, Exchanges, and Services	62
Security Brokers, Dealers, and Flotation	621
Semiconductors and Related Devices	3674
Services	7
Services	8
Services Allied With The Exchange Of Securities	628
Soap, Detergents, and Cleaning Preparations; Perfumes,	284
Cosmetics, and Other Toilet Preparations	
Special Industry Machinery, Except Metalworking	355
Special Industry Machinery, Not Elsewhere Classified	3559
Steel Works, Blast Furnaces, and Rolling and Finishing Mills	331
Stone, Clay, Glass, and Concrete Products	32
Surgical and Medical Instruments and Apparatus	3841
Surgical, Medical, and Dental Instruments and Supplies	384
Telephone Communications	481
Telephone Communications, Except Radiotelephone	4813
Television Broadcasting Stations	4833
Textile Mill Products	22
Transportation By Air	45
Transportation Equipment	37
Transportation Services	47
Transportation, Communications, Electric, Gas, and Sanitary	4
Services	
Trucking, Except Local	4213
Variety Stores	533
Water Supply	494
Wholesale Trade & Retail Trade	5
Wholesale Trade-durable Goods	50
Wholesale Trade-non-durable Goods	51