

RAFI™ Dynamic Multi-Factor US Index



Index Constituents as of: 5/31/2022

The RAFI Multi-Factor index series offers diversified factor exposures through allocations to value, low volatility, quality, momentum, and size. The Dynamic Multi-Factor strategy takes time-varying exposures to the same five factors. The index uses recent and historical metrics to tilt toward factor portfolios which are particularly attractive on a forward looking basis.

Name	Weight
Exxon Mobil Corporation	3.344%
Chevron Corporation	3.127%
Pfizer Inc.	1.912%
Walmart Inc.	1.713%
Procter & Gamble Company	1.597%
Johnson & Johnson	1.526%
Citigroup Inc.	1.340%
International Business Machines Corporation	1.329%
Marathon Petroleum Corporation	1.315%
Ford Motor Company	1.249%
CVS Health Corporation	1.245%
PepsiCo, Inc.	1.216%
Coca-Cola Company	1.196%
Target Corporation	1.194%
Merck & Co., Inc.	1.175%
Gilead Sciences, Inc.	1.084%
Costco Wholesale Corporation	0.976%
Verizon Communications Inc.	0.971%
Philip Morris International Inc.	0.964%
Microsoft Corporation	0.962%
Valero Energy Corporation	0.946%
Oracle Corporation	0.937%
Eli Lilly and Company	0.919%
Alphabet Inc. Class A	0.885%
Berkshire Hathaway Inc. Class B	0.864%
ConocoPhillips	0.824%
General Motors Company	0.818%
Home Depot, Inc.	0.773%
Comcast Corporation Class A	0.746%
NVIDIA Corporation	0.736%
UnitedHealth Group Incorporated	0.722%
Wells Fargo & Company	0.713%
Phillips 66	0.677%
Kroger Co.	0.660%
Altria Group Inc	0.643%
Danaher Corporation	0.627%
McDonald's Corporation	0.617%
Capital One Financial Corp	0.614%
Occidental Petroleum Corporation	0.575%
Anthem, Inc.	0.573%
McKesson Corporation	0.569%
American International Group, Inc.	0.553%
Bristol-Myers Squibb Company	0.550%
Cisco Systems, Inc.	0.547%

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Name	Weight
Exelon Corporation	0.537%
Mosaic Company	0.535%
Walgreens Boots Alliance, Inc.	0.531%
Allstate Corporation	0.510%
General Electric Company	0.509%
Apple Inc.	0.509%
Travelers Companies, Inc.	0.498%
AT&T Inc.	0.488%
Lowe's Companies, Inc.	0.456%
Marathon Oil Corporation	0.439%
Accenture Plc Class A	0.422%
Archer-Daniels-Midland Company	0.420%
LyondellBasell Industries NV	0.407%
Bank of America Corp	0.406%
AbbVie, Inc.	0.400%
Walt Disney Company	0.395%
Lockheed Martin Corporation	0.390%
Northrop Grumman Corp.	0.389%
Prudential Financial, Inc.	0.382%
Qualcomm Incorporated	0.380%
Baker Hughes Company Class A	0.358%
United Parcel Service, Inc. Class B	0.356%
Tyson Foods, Inc. Class A	0.344%
Mondelez International, Inc. Class A	0.344%
Motorola Solutions, Inc.	0.342%
Marsh & McLennan Companies, Inc.	0.341%
Goldman Sachs Group, Inc.	0.324%
Macy's Inc	0.317%
Corning Inc	0.309%
Cardinal Health, Inc.	0.305%
MetLife, Inc.	0.302%
American Tower Corporation	0.294%
S&P Global, Inc.	0.293%
Hewlett Packard Enterprise Co.	0.286%
Schlumberger NV	0.277%
Avis Budget Group, Inc.	0.272%
Waste Management, Inc.	0.267%
Kraft Heinz Company	0.266%
Lumen Technologies, Inc.	0.260%
Ally Financial Inc	0.255%
Alcoa Corporation	0.254%
CME Group Inc. Class A	0.240%
eBay Inc.	0.235%
Discover Financial Services	0.233%

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Name	Weight
Best Buy Co., Inc.	0.230%
O'Reilly Automotive, Inc.	0.229%
Juniper Networks, Inc.	0.228%
Intuit Inc.	0.227%
Bunge Limited	0.226%
Prologis, Inc.	0.225%
Colgate-Palmolive Company	0.223%
Raytheon Technologies Corporation	0.220%
3M Company	0.216%
Devon Energy Corporation	0.214%
Chubb Limited	0.213%
Yum! Brands, Inc.	0.211%
L3Harris Technologies Inc	0.207%
Dollar General Corporation	0.206%
Automatic Data Processing, Inc.	0.201%
Quanta Services, Inc.	0.197%
Public Storage	0.196%
Progressive Corporation	0.195%
WestRock Company	0.195%
Blackstone Inc.	0.189%
Amgen Inc.	0.188%
Union Pacific Corporation	0.188%
Morgan Stanley	0.184%
Nucor Corporation	0.184%
Kohl's Corporation	0.184%
HP Inc.	0.181%
Charter Communications, Inc. Class A	0.180%
General Mills, Inc.	0.177%
AutoZone, Inc.	0.171%
Sherwin-Williams Company	0.170%
HCA Healthcare Inc	0.168%
Charles Schwab Corp	0.164%
HF Sinclair Corporation	0.159%
Zoetis, Inc. Class A	0.156%
American Airlines Group, Inc.	0.156%
Visa Inc. Class A	0.152%
KLA Corporation	0.152%
Texas Instruments Incorporated	0.152%
Paramount Global Class B	0.150%
Kinder Morgan Inc Class P	0.149%
Chipotle Mexican Grill, Inc.	0.149%
Molson Coors Beverage Company Class B	0.148%
American Express Company	0.146%
Lincoln National Corporation	0.146%

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Name	Weight
Kimberly-Clark Corporation	0.145%
Applied Materials, Inc.	0.145%
NOV Inc.	0.144%
Franklin Resources, Inc.	0.142%
AutoNation, Inc.	0.142%
Baxter International Inc.	0.142%
Hess Corporation	0.142%
Dick's Sporting Goods, Inc.	0.140%
Paychex, Inc.	0.139%
Whirlpool Corporation	0.138%
Unum Group	0.136%
ServiceNow, Inc.	0.135%
Duke Energy Corporation	0.134%
United Therapeutics Corporation	0.134%
Cerner Corporation	0.132%
Antero Resources Corporation	0.132%
Crown Castle International Corp	0.130%
Starbucks Corporation	0.128%
Intuitive Surgical, Inc.	0.125%
Invesco Ltd.	0.125%
DaVita Inc.	0.124%
Regeneron Pharmaceuticals, Inc.	0.124%
EOG Resources, Inc.	0.124%
Republic Services, Inc.	0.123%
Tractor Supply Company	0.122%
Arthur J. Gallagher & Co.	0.121%
PBF Energy, Inc. Class A	0.120%
Western Digital Corporation	0.119%
Dollar Tree, Inc.	0.119%
Liberty Media Corp. Series C Liberty SiriusXM	0.119%
Hershey Company	0.115%
Aflac Incorporated	0.115%
Williams-Sonoma, Inc.	0.114%
Electronic Arts Inc.	0.114%
PNC Financial Services Group, Inc.	0.113%
NortonLifeLock Inc.	0.112%
Tenet Healthcare Corporation	0.112%
ResMed Inc.	0.112%
Olin Corporation	0.112%
AGCO Corporation	0.110%
Warner Bros. Discovery, Inc. Series A	0.110%
U.S. Bancorp	0.109%
C.H. Robinson Worldwide, Inc.	0.109%
MSCI Inc. Class A	0.109%

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Name	Weight
Sysco Corporation	0.108%
Waste Connections, Inc.	0.106%
Jabil Inc.	0.106%
Mastercard Incorporated Class A	0.105%
Freeport-McMoRan, Inc.	0.105%
Quest Diagnostics Incorporated	0.105%
Becton, Dickinson and Company	0.104%
DXC Technology Co.	0.104%
Estee Lauder Companies Inc. Class A	0.104%
NIKE, Inc. Class B	0.103%
Reliance Steel & Aluminum Co.	0.103%
Intercontinental Exchange, Inc.	0.103%
Newmont Corporation	0.103%
Arrow Electronics, Inc.	0.102%
Simon Property Group, Inc.	0.102%
Verisk Analytics Inc	0.102%
DuPont de Nemours, Inc.	0.101%
LPL Financial Holdings Inc.	0.100%
Pioneer Natural Resources Company	0.099%
Synchrony Financial	0.099%
United States Steel Corporation	0.098%
Broadcom Inc.	0.098%
Domino's Pizza, Inc.	0.097%
Edwards Lifesciences Corporation	0.097%
AES Corporation	0.096%
Expeditors International of Washington, Inc.	0.096%
Booking Holdings Inc.	0.096%
Targa Resources Corp.	0.095%
Goodyear Tire & Rubber Company	0.095%
Omnicom Group Inc	0.093%
Constellation Brands, Inc. Class A	0.093%
Kellogg Company	0.092%
Boston Scientific Corporation	0.090%
Aon Plc Class A	0.090%
Moody's Corporation	0.089%
Bath & Body Works, Inc.	0.086%
Invitation Homes, Inc.	0.086%
McCormick & Company, Incorporated	0.085%
General Dynamics Corporation	0.085%
Humana Inc.	0.084%
Jack Henry & Associates, Inc.	0.084%
Pool Corporation	0.084%
SM Energy Company	0.083%
Liberty Global Plc Class C	0.083%

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Name	Weight
Mettler-Toledo International Inc.	0.082%
Signet Jewelers Limited	0.081%
Extra Space Storage Inc.	0.081%
Hilton Worldwide Holdings Inc	0.081%
Ulta Beauty Inc.	0.081%
Equinix, Inc.	0.081%
Fluor Corporation	0.081%
Murphy USA, Inc.	0.081%
Duke Realty Corporation	0.081%
Broadridge Financial Solutions, Inc.	0.080%
Genuine Parts Company	0.079%
Interpublic Group of Companies, Inc.	0.079%
Emerson Electric Co.	0.079%
Keurig Dr Pepper Inc.	0.079%
Murphy Oil Corporation	0.079%
Caterpillar Inc.	0.079%
New Residential Investment Corp.	0.078%
Transocean Ltd.	0.078%
J.M. Smucker Company	0.078%
W. P. Carey Inc.	0.077%
H&R Block, Inc.	0.077%
Laboratory Corporation of America Holdings	0.076%
Sealed Air Corporation	0.076%
Foot Locker, Inc.	0.076%
Waters Corporation	0.075%
Vistra Corp.	0.074%
Loews Corporation	0.074%
Bread Financial Holdings, Inc.	0.074%
Molina Healthcare, Inc.	0.074%
Ball Corporation	0.072%
Jacobs Engineering Group Inc.	0.072%
PulteGroup, Inc.	0.072%
Bed Bath & Beyond Inc.	0.072%
Booz Allen Hamilton Holding Corporation Class A	0.072%
Centene Corporation	0.072%
Patterson-UTI Energy, Inc.	0.072%
Iron Mountain, Inc.	0.072%
Nordstrom, Inc.	0.071%
Equifax Inc.	0.071%
Coterra Energy Inc.	0.071%
AECOM	0.071%
Lam Research Corporation	0.070%
Palo Alto Networks, Inc.	0.070%
Church & Dwight Co., Inc.	0.070%

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Name	Weight
CSX Corporation	0.070%
Evergy, Inc.	0.070%
Williams Companies, Inc.	0.070%
Carnival Corporation	0.068%
Camden Property Trust	0.068%
Gap, Inc.	0.068%
SBA Communications Corp. Class A	0.067%
Sprouts Farmers Market, Inc.	0.067%
STERIS Plc	0.067%
Casey's General Stores, Inc.	0.067%
Otis Worldwide Corporation	0.067%
Avery Dennison Corporation	0.066%
Fortinet, Inc.	0.066%
Amdocs Limited	0.066%
Graphic Packaging Holding Company	0.066%
Steel Dynamics, Inc.	0.066%
Willis Towers Watson Public Limited Company	0.065%
Jefferies Financial Group Inc.	0.065%
NetApp, Inc.	0.064%
WESCO International, Inc.	0.064%
Crown Holdings, Inc.	0.063%
Ingredion Incorporated	0.063%
IQVIA Holdings Inc	0.063%
TJX Companies Inc	0.062%
Regency Centers Corporation	0.062%
Park Hotels & Resorts, Inc.	0.062%
Penske Automotive Group, Inc.	0.061%
UDR, Inc.	0.061%
Ecolab Inc.	0.060%
Service Corporation International	0.060%
Welltower Inc	0.060%
Illinois Tool Works Inc.	0.060%
News Corporation Class A	0.060%
Sun Communities, Inc.	0.060%
Realty Income Corporation	0.060%
Agilent Technologies, Inc.	0.059%
Brown & Brown, Inc.	0.059%
ManpowerGroup Inc.	0.059%
US Foods Holding Corp.	0.058%
Cummins Inc.	0.058%
Wendy's Company	0.058%
Adient plc	0.058%
Helmerich & Payne, Inc.	0.058%
Avnet, Inc.	0.058%

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Name	Weight
Conagra Brands, Inc.	0.058%
Generac Holdings Inc.	0.057%
CDW Corp.	0.057%
T-Mobile US, Inc.	0.057%
Henry Schein, Inc.	0.057%
Nasdaq, Inc.	0.057%
West Pharmaceutical Services, Inc.	0.055%
Range Resources Corporation	0.055%
Clorox Company	0.055%
Consolidated Edison, Inc.	0.054%
First American Financial Corporation	0.054%
Genpact Limited	0.054%
Asbury Automotive Group, Inc.	0.054%
Watsco, Inc.	0.054%
Fidelity National Financial, Inc. - FNF Group	0.053%
Starwood Property Trust, Inc.	0.053%
MSC Industrial Direct Co., Inc. Class A	0.053%
Bank of New York Mellon Corp	0.052%
Gaming and Leisure Properties, Inc.	0.052%
Organon & Co.	0.052%
Navient Corp	0.052%
Halliburton Company	0.052%
Hormel Foods Corporation	0.051%
Snowflake, Inc. Class A	0.050%
KBR, Inc.	0.050%
Spirit AeroSystems Holdings, Inc. Class A	0.049%
Ralph Lauren Corporation Class A	0.049%
Louisiana-Pacific Corporation	0.049%
Citrix Systems, Inc.	0.049%
T. Rowe Price Group	0.049%
JetBlue Airways Corporation	0.049%
M&T Bank Corporation	0.048%
J.B. Hunt Transport Services, Inc.	0.048%
Activision Blizzard, Inc.	0.048%
Brighthouse Financial, Inc.	0.048%
Ameriprise Financial, Inc.	0.048%
Annaly Capital Management, Inc.	0.048%
Chemed Corporation	0.048%
Fox Corporation Class A	0.047%
Ryder System, Inc.	0.046%
Digital Realty Trust, Inc.	0.046%
Delek US Holdings Inc	0.046%
NVR, Inc.	0.046%
VICI Properties Inc	0.045%

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Name	Weight
ONEOK, Inc.	0.045%
Pentair plc	0.045%
Commercial Metals Company	0.045%
FTI Consulting, Inc.	0.045%
Monster Beverage Corporation	0.045%
Lear Corporation	0.045%
Flowers Foods, Inc.	0.044%
AvalonBay Communities, Inc.	0.044%
Gartner, Inc.	0.044%
Toro Company	0.044%
Cheniere Energy, Inc.	0.044%
TEGNA, Inc.	0.044%
Albemarle Corporation	0.044%
Sonoco Products Company	0.043%
Equity Residential	0.043%
Allison Transmission Holdings, Inc.	0.043%
Robert Half International Inc.	0.043%
Xerox Holdings Corporation	0.043%
International Flavors & Fragrances Inc.	0.043%
Viatis, Inc.	0.043%
National Fuel Gas Company	0.043%
Flex Ltd.	0.042%
Federal Realty Investment Trust	0.042%
Advance Auto Parts, Inc.	0.042%
Vail Resorts, Inc.	0.042%
Sanderson Farms, Inc.	0.042%
Group 1 Automotive, Inc.	0.042%
Old Republic International Corporation	0.042%
Knight-Swift Transportation Holdings Inc. Class A	0.041%
DexCom, Inc.	0.041%
Fifth Third Bancorp	0.041%
Copart, Inc.	0.041%
CBRE Group, Inc. Class A	0.041%
Entergy Corporation	0.041%
SVB Financial Group	0.041%
Life Storage, Inc.	0.041%
Alexandria Real Estate Equities, Inc.	0.041%
VeriSign, Inc.	0.040%
Teradyne, Inc.	0.040%
A. O. Smith Corporation	0.040%
ON Semiconductor Corporation	0.040%
Gentex Corporation	0.040%
First Republic Bank	0.040%
Lamar Advertising Company Class A	0.040%

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Name	Weight
Affiliated Managers Group, Inc.	0.040%
Diamondback Energy, Inc.	0.040%
Whiting Petroleum Corporation	0.039%
Host Hotels & Resorts, Inc.	0.039%
Equity LifeStyle Properties, Inc.	0.039%
Kilroy Realty Corporation	0.039%
Lennox International Inc.	0.039%
American Homes 4 Rent Class A	0.039%
Owens Corning	0.039%
State Street Corporation	0.039%
CubeSmart	0.039%
CACI International Inc Class A	0.038%
Keysight Technologies Inc	0.038%
Acuity Brands, Inc.	0.038%
F5, Inc.	0.038%
Nu Skin Enterprises, Inc. Class A	0.038%
Owens & Minor, Inc.	0.038%
Hartford Financial Services Group, Inc.	0.037%
AGNC Investment Corp.	0.037%
Biogen Inc.	0.037%
Kimco Realty Corporation	0.037%
Oshkosh Corp	0.037%
AmerisourceBergen Corporation	0.036%
Marriott International, Inc. Class A	0.036%
FirstEnergy Corp.	0.036%
FactSet Research Systems Inc.	0.036%
RPM International Inc.	0.036%
Carter's, Inc.	0.036%
CNX Resources Corporation	0.035%
Werner Enterprises, Inc.	0.035%
SEI Investments Company	0.035%
ABM Industries Incorporated	0.035%
Healthcare Trust of America, Inc.	0.035%
Lincoln Electric Holdings, Inc.	0.034%
Northern Trust Corporation	0.034%
MAXIMUS, Inc.	0.034%
Arista Networks, Inc.	0.034%
American Eagle Outfitters, Inc.	0.034%
Campbell Soup Company	0.034%
Cabot Corporation	0.034%
CDK Global, Inc.	0.033%
AMC Entertainment Holdings, Inc. Class A	0.033%
Akamai Technologies, Inc.	0.033%
PPG Industries, Inc.	0.033%

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Name	Weight
DENTSPLY SIRONA, Inc.	0.033%
Vulcan Materials Company	0.033%
Warrior Met Coal, Inc.	0.033%
Cracker Barrel Old Country Store, Inc.	0.033%
W.W. Grainger, Inc.	0.033%
Hanover Insurance Group, Inc.	0.033%
United Natural Foods, Inc.	0.033%
CF Industries Holdings, Inc.	0.033%
Martin Marietta Materials, Inc.	0.033%
Celanese Corporation	0.033%
Blackstone Mortgage Trust, Inc. Class A	0.033%
Synaptics Incorporated	0.032%
Regions Financial Corporation	0.032%
Visteon Corporation	0.032%
Rayonier Inc.	0.032%
DigitalBridge Group, Inc. Class A	0.032%
Mid-America Apartment Communities, Inc.	0.032%
Jack in the Box Inc.	0.032%
Curtiss-Wright Corporation	0.032%
Aptargroup, Inc.	0.031%
Apple Hospitality REIT Inc	0.031%
Wyndham Hotels & Resorts, Inc.	0.031%
Eastman Chemical Company	0.031%
Cooper Companies, Inc.	0.031%
Chimera Investment Corporation	0.031%
CenterPoint Energy, Inc.	0.031%
UFP Industries, Inc.	0.031%
Teradata Corporation	0.031%
Encompass Health Corporation	0.031%
Cincinnati Financial Corporation	0.031%
Post Holdings, Inc.	0.030%
Dover Corporation	0.030%
Leggett & Platt, Incorporated	0.030%
NCR Corporation	0.030%
Deckers Outdoor Corporation	0.029%
Scotts Miracle-Gro Company Class A	0.029%
Principal Financial Group, Inc.	0.029%
ANSYS, Inc.	0.029%
Dominion Energy Inc	0.029%
Hanesbrands Inc.	0.029%
Universal Health Services, Inc. Class B	0.029%
Sally Beauty Holdings, Inc.	0.029%
KeyCorp	0.029%
Brunswick Corporation	0.029%

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Name	Weight
Essex Property Trust, Inc.	0.029%
Raymond James Financial, Inc.	0.028%
Markel Corporation	0.028%
Highwoods Properties, Inc.	0.028%
Monolithic Power Systems, Inc.	0.028%
Premier Inc. Class A	0.028%
White Mountains Insurance Group Ltd	0.028%
Lithia Motors, Inc.	0.028%
International Game Technology PLC	0.028%
Edgewell Personal Care Co.	0.028%
Boise Cascade Co.	0.028%
Two Harbors Investment Corp.	0.028%
Macerich Company	0.028%
CNO Financial Group, Inc.	0.028%
Abercrombie & Fitch Co. Class A	0.028%
Hexcel Corporation	0.027%
PerkinElmer, Inc.	0.027%
Citizens Financial Group, Inc.	0.027%
Terex Corporation	0.027%
Patterson Companies Incorporated	0.027%
Paramount Group, Inc.	0.027%
EPAM Systems, Inc.	0.027%
Douglas Emmett, Inc	0.027%
RLJ Lodging Trust	0.027%
Western Union Company	0.027%
PacWest Bancorp	0.026%
Darling Ingredients Inc.	0.026%
Brown-Forman Corporation Class B	0.026%
Berry Global Group Inc	0.026%
Sanmina Corporation	0.026%
Designer Brands Inc. Class A	0.026%
First Industrial Realty Trust, Inc.	0.026%
Morningstar, Inc.	0.026%
Cal-Maine Foods, Inc.	0.026%
Landstar System, Inc.	0.026%
SITE Centers Corp.	0.026%
Hawaiian Holdings, Inc.	0.026%
Houlihan Lokey, Inc. Class A	0.025%
Dell Technologies, Inc. Class C	0.025%
BWX Technologies, Inc.	0.025%
Tri Pointe Homes, Inc.	0.025%
Qurate Retail, Inc. Class A	0.025%
Medical Properties Trust, Inc.	0.025%
Las Vegas Sands Corp.	0.025%

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Name	Weight
Buckle, Inc.	0.025%
Liberty Broadband Corp. Class C	0.025%
Hubbell Incorporated	0.025%
Renewable Energy Group, Inc.	0.025%
Take-Two Interactive Software, Inc.	0.025%
APA Corp.	0.025%
Avantor, Inc.	0.025%
BorgWarner Inc.	0.025%
Boston Properties, Inc.	0.025%
Federated Hermes, Inc. Class B	0.024%
V.F. Corporation	0.024%
AMC Networks Inc. Class A	0.024%
Performance Food Group Company	0.024%
Bio-Rad Laboratories, Inc. Class A	0.024%
Cousins Properties Incorporated	0.024%
Avient Corporation	0.024%
Genworth Financial, Inc. Class A	0.024%
Donaldson Company, Inc.	0.024%
American Campus Communities, Inc.	0.024%
AMN Healthcare Services, Inc.	0.024%
Kontoor Brands, Inc.	0.024%
TransUnion	0.024%
Vishay Intertechnology, Inc.	0.024%
New York Community Bancorp, Inc.	0.024%
EQT Corporation	0.024%
Nordson Corporation	0.023%
Dana Incorporated	0.023%
Teledyne Technologies Incorporated	0.023%
Rockwell Automation, Inc.	0.023%
PS Business Parks, Inc.	0.023%
IDEX Corporation	0.023%
Xylem Inc.	0.023%
Evercore Inc. Class A	0.023%
Skyworks Solutions, Inc.	0.023%
Fastenal Company	0.023%
Mueller Industries, Inc.	0.023%
Manhattan Associates, Inc.	0.023%
O-I Glass Inc	0.023%
Lamb Weston Holdings, Inc.	0.023%
Atmos Energy Corporation	0.023%
PennyMac Mortgage Investment Trust	0.023%
Bruker Corporation	0.023%
Hawaiian Electric Industries, Inc.	0.022%
Insight Enterprises, Inc.	0.022%

RAFI™ Dynamic Multi-Factor US Index



Index Constituents as of: 5/31/2022

The RAFI Multi-Factor index series offers diversified factor exposures through allocations to value, low volatility, quality, momentum, and size. The Dynamic Multi-Factor strategy takes time-varying exposures to the same five factors. The index uses recent and historical metrics to tilt toward factor portfolios which are particularly attractive on a forward looking basis.

Name	Weight
Rollins, Inc.	0.022%
Corteva Inc	0.022%
FMC Corporation	0.022%
Cheesecake Factory Incorporated	0.022%
Textron Inc.	0.022%
Arconic Corp.	0.022%
GATX Corporation	0.022%
SL Green Realty Corp.	0.022%
Greenbrier Companies, Inc.	0.022%
Crane Holdings, Co.	0.022%
Silgan Holdings Inc.	0.022%
Entegris, Inc.	0.022%
Healthcare Realty Trust Incorporated	0.022%
United Airlines Holdings, Inc.	0.021%
Nielsen Holdings Plc	0.021%
Hilton Grand Vacations, Inc.	0.021%
Kyndryl Holdings Incorporation	0.021%
Telephone and Data Systems, Inc.	0.021%
Six Flags Entertainment Corporation	0.021%
ODP Corporation	0.021%
Graco Inc.	0.021%
Chemours Co.	0.021%
Ovintiv Inc	0.021%
Encore Wire Corporation	0.021%
Atlas Air Worldwide Holdings, Inc.	0.021%
Timken Company	0.021%
Ares Management Corporation	0.021%
AMERCO	0.021%
Bio-Techne Corporation	0.021%
Graham Holdings Co. Class B	0.021%
Dillard's, Inc. Class A	0.021%
Cinemark Holdings, Inc.	0.021%
Live Nation Entertainment, Inc.	0.021%
SS&C Technologies Holdings, Inc.	0.021%
Steven Madden, Ltd.	0.020%
EastGroup Properties, Inc.	0.020%
Carlisle Companies Incorporated	0.020%
Apollo Commercial Real Estate Finance, Inc.	0.020%
Sensient Technologies Corporation	0.020%
LKQ Corporation	0.020%
Liberty Media Corp. Series C Liberty Formula One	0.020%
Realty Holdings Corp.	0.020%
BioMarin Pharmaceutical Inc.	0.020%
Teleflex Incorporated	0.020%

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Name	Weight
TreeHouse Foods, Inc.	0.020%
Sunstone Hotel Investors, Inc.	0.020%
LXP Industrial Trust	0.019%
CVR Energy, Inc.	0.019%
Taylor Morrison Home Corporation	0.019%
Signature Bank	0.019%
Harley-Davidson, Inc.	0.019%
NiSource Inc	0.019%
Brandywine Realty Trust	0.019%
NetScout Systems, Inc.	0.018%
Bloomin' Brands, Inc.	0.018%
MFA Financial, Inc.	0.018%
STAG Industrial, Inc.	0.018%
TechnipFMC Plc	0.018%
GoDaddy, Inc. Class A	0.018%
DiamondRock Hospitality Company	0.018%
Builders FirstSource, Inc.	0.018%
Southwest Gas Holdings, Inc.	0.018%
Plexus Corp.	0.017%
Fair Isaac Corporation	0.017%
Belden Inc.	0.017%
Ross Stores, Inc.	0.017%
Corporate Office Properties Trust	0.017%
Cable One, Inc.	0.017%
Piedmont Office Realty Trust, Inc. Class A	0.017%
Redwood Trust, Inc.	0.017%
Dolby Laboratories, Inc. Class A	0.017%
First Horizon Corporation	0.017%
American Equity Investment Life Holding Company	0.017%
Rush Enterprises, Inc. Class A	0.017%
Alleghany Corporation	0.017%
Healthcare Services Group, Inc.	0.017%
Toll Brothers, Inc.	0.017%
Erie Indemnity Company Class A	0.017%
Equity Commonwealth	0.017%
Carpenter Technology Corporation	0.017%
Charles River Laboratories International, Inc.	0.017%
American Financial Group, Inc.	0.017%
Comerica Incorporated	0.017%
World Fuel Services Corporation	0.017%
Nexstar Media Group, Inc. Class A	0.017%
Mercury General Corporation	0.017%
NOW Inc.	0.017%
Middleby Corporation	0.016%

RAFI™ Dynamic Multi-Factor US Index



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Name	Weight
Tradeweb Markets, Inc. Class A	0.016%
Armstrong World Industries, Inc.	0.016%
Vector Group Ltd.	0.016%
Darden Restaurants, Inc.	0.016%
Churchill Downs Incorporated	0.016%
ITT, Inc.	0.016%
Kite Realty Group Trust	0.016%
NewMarket Corporation	0.016%
NRG Energy, Inc.	0.016%
Physicians Realty Trust	0.016%
Hub Group, Inc. Class A	0.016%
Adtalem Global Education Inc.	0.016%
Trinity Industries, Inc.	0.016%
American Axle & Manufacturing Holdings, Inc.	0.016%
Resideo Technologies, Inc.	0.016%
Lancaster Colony Corporation	0.016%
Axalta Coating Systems Ltd.	0.016%
Masimo Corporation	0.016%
Xenia Hotels & Resorts, Inc.	0.016%
Steelcase Inc. Class A	0.016%
Urban Outfitters, Inc.	0.015%
Washington Real Estate Investment Trust	0.015%
Centennial Resource Development, Inc. Class A	0.015%
Cirrus Logic, Inc.	0.015%
Essential Utilities, Inc.	0.015%
Jones Lang LaSalle Incorporated	0.015%
Cintas Corporation	0.015%
Stericycle, Inc.	0.015%
Black Knight, Inc.	0.015%
Ingles Markets, Incorporated Class A	0.015%
East West Bancorp, Inc.	0.015%
Insperty, Inc.	0.015%
Align Technology, Inc.	0.015%
Rexford Industrial Realty, Inc.	0.015%
AAR CORP.	0.015%
KAR Auction Services, Inc.	0.015%
John Wiley & Sons, Inc. Class A	0.015%
Myriad Genetics, Inc.	0.015%
Texas Roadhouse, Inc.	0.014%
Masonite International Corp.	0.014%
SLM Corp	0.014%
Eagle Materials Inc.	0.014%
Assurant, Inc.	0.014%
ManTech International Corporation Class A	0.014%

RAFI™ Dynamic Multi-Factor US Index



Index Constituents as of: 5/31/2022

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Name	Weight
Conduent, Inc.	0.014%
Integra LifeSciences Holdings Corporation	0.014%
Kosmos Energy Ltd.	0.014%
B&G Foods, Inc.	0.014%
Veris Residential, Inc.	0.014%
RLI Corp.	0.014%
Arcosa, Inc.	0.014%
Terminix Global Holdings Inc	0.014%
Meritage Homes Corporation	0.014%
iHeartMedia, Inc. Class A	0.014%
Oceaneering International, Inc.	0.014%
Granite Construction Incorporated	0.014%
Meritor, Inc.	0.014%
CoreCivic, Inc.	0.014%
MarketAxess Holdings Inc.	0.014%
Yelp Inc	0.014%
M.D.C. Holdings, Inc.	0.013%
MGIC Investment Corporation	0.013%
Greif Inc Class A	0.013%
Super Micro Computer, Inc.	0.013%
Newell Brands Inc	0.013%
Ryman Hospitality Properties, Inc.	0.013%
Boston Beer Company, Inc. Class A	0.013%
Schneider National, Inc. Class B	0.013%
Zions Bancorporation, N.A.	0.013%
CSG Systems International, Inc.	0.013%
G-III Apparel Group, Ltd.	0.013%
Dril-Quip, Inc.	0.013%
Kaiser Aluminum Corporation	0.013%
Virtu Financial, Inc. Class A	0.013%
Nomad Foods Ltd.	0.013%
Brookdale Senior Living Inc.	0.013%
Carrier Global Corp.	0.013%
PVH Corp.	0.013%
Service Properties Trust	0.013%
Universal Corp	0.013%
Amkor Technology, Inc.	0.013%
Mattel, Inc.	0.013%
Webster Financial Corporation	0.013%
La-Z-Boy Incorporated	0.012%
GMS Inc.	0.012%
Stewart Information Services Corporation	0.012%
Peabody Energy Corporation	0.012%
OUTFRONT Media Inc.	0.012%

RAFI™ Dynamic Multi-Factor US Index



Index Constituents as of: 5/31/2022

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Name	Weight
MillerKnoll, Inc.	0.012%
Regal Rexnord Corporation	0.012%
SkyWest, Inc	0.012%
Carlyle Group Inc	0.012%
Clearway Energy, Inc. Class C	0.012%
Dorman Products, Inc.	0.012%
BellRing Brands, Inc.	0.012%
PriceSmart, Inc.	0.012%
Masco Corporation	0.012%
Tempur Sealy International Inc	0.012%
Moog Inc. Class A	0.012%
OGE Energy Corp.	0.012%
Allegiant Travel Company	0.012%
Archrock Inc.	0.012%
Guess?, Inc.	0.012%
Hologic, Inc.	0.012%
Grand Canyon Education, Inc.	0.012%
Red Rock Resorts, Inc. Class A	0.012%
PRA Group, Inc.	0.012%
Central Garden & Pet Company Class A	0.011%
Vista Outdoor Inc	0.011%
New York Mortgage Trust, Inc.	0.011%
Sonic Automotive, Inc. Class A	0.011%
Herbalife Nutrition Ltd.	0.011%
Ciena Corporation	0.011%
National Retail Properties, Inc.	0.011%
ICU Medical, Inc.	0.011%
Pitney Bowes Inc.	0.011%
Apogee Enterprises, Inc.	0.011%
Syneos Health, Inc. Class A	0.011%
PDC Energy, Inc.	0.011%
MEDNAX, Inc.	0.011%
Avista Corporation	0.011%
Voya Financial, Inc.	0.011%
Allegheny Technologies Incorporated	0.011%
Burlington Stores, Inc.	0.011%
Cullen/Frost Bankers, Inc.	0.011%
Worthington Industries, Inc.	0.011%
Brixmor Property Group, Inc.	0.010%
Tetra Tech, Inc.	0.010%
Tyler Technologies, Inc.	0.010%
National Instruments Corporation	0.010%
Equitrans Midstream Corporation	0.010%
Huntsman Corporation	0.010%

RAFI™ Dynamic Multi-Factor US Index



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Name	Weight
Ormat Technologies, Inc.	0.010%
Seagate Technology Holdings PLC	0.010%
Envista Holdings Corp.	0.010%
IDEXX Laboratories, Inc.	0.010%
Hain Celestial Group, Inc.	0.010%
Big Lots, Inc.	0.010%
Bright Horizons Family Solutions, Inc.	0.010%
Moelis & Co. Class A	0.010%
Concentrix Corporation	0.010%
Coherent, Inc.	0.010%
Delta Air Lines, Inc.	0.009%
Ladder Capital Corp. Class A	0.009%
Primoris Services Corporation	0.009%
TopBuild Corp.	0.009%
Tanger Factory Outlet Centers, Inc.	0.009%
Dave & Buster's Entertainment, Inc.	0.009%
Empire State Realty Trust, Inc. Class A	0.009%
Stifel Financial Corp.	0.009%
Sabre Corp.	0.009%
Innospec Inc.	0.009%
Sinclair Broadcast Group, Inc. Class A	0.009%
New York Times Company Class A	0.009%
Matson, Inc.	0.009%
Andersons, Inc.	0.009%
BrightSphere Investment Group, Inc.	0.009%
Select Medical Holdings Corporation	0.009%
Hasbro, Inc.	0.009%
Pinnacle Financial Partners, Inc.	0.009%
Apartment Income REIT Corp	0.009%
HNI Corporation	0.009%
MDU Resources Group Inc	0.009%
nVent Electric plc	0.009%
Synovus Financial Corp.	0.009%
Office Properties Income Trust	0.008%
Hillenbrand, Inc.	0.008%
Southwest Airlines Co.	0.008%
Spirit Realty Capital, Inc.	0.008%
Helen of Troy Limited	0.008%
Ziff Davis, Inc.	0.008%
Silicon Laboratories Inc.	0.008%
EMCOR Group, Inc.	0.008%
Capitol Federal Financial, Inc.	0.008%
TransDigm Group Incorporated	0.008%
TripAdvisor, Inc.	0.008%

RAFI™ Dynamic Multi-Factor US Index



Index Constituents as of: 5/31/2022

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Name	Weight
Artisan Partners Asset Management, Inc. Class A	0.008%
Thor Industries, Inc.	0.008%
Cohen & Steers, Inc.	0.008%
J & J Snack Foods Corp.	0.008%
Valley National Bancorp	0.008%
Alexander & Baldwin, Inc.	0.008%
Skechers U.S.A., Inc. Class A	0.008%
Saia, Inc.	0.008%
Aspen Technology, Inc.	0.007%
Bank OZK	0.007%
OneMain Holdings, Inc.	0.007%
ArcBest Corporation	0.007%
Wintrust Financial Corporation	0.007%
Light & Wonder, Inc.	0.007%
Deluxe Corporation	0.007%
Janus Henderson Group PLC	0.007%
Coty Inc. Class A	0.006%
USANA Health Sciences, Inc.	0.006%
Huntington Ingalls Industries, Inc.	0.006%
Howmet Aerospace Inc.	0.006%
Clear Channel Outdoor Holdings Inc	0.004%
Embecta Corporation	0.002%

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