

June 2021 Recap

MarketDesk Research Focused U.S. Large Cap

The Focused U.S. Large Cap Portfolio was up 7.7% in June, leading the Russell 1000 Index by 525bps. The portfolio is trailing the benchmark by -1.6% YTD and has outperformed its benchmark 7 out of the last 12 months.

Growth Holdings

The portfolio's growth holdings were up 11.4% in June, leading the Russell 1000 Growth Index by 521bps. The portfolio is trailing the benchmark by -4.9% YTD.

- The portfolio outperformed 15 out of 22 trading days in June.
- 20 of the 30 holdings in the portfolio outperformed the benchmark in June.
- DocuSign, Trade Desk, and Cloudflare were the best performers during the month rising 39.8%, 32.8%, and 29.9%, respectively. Booking, Marriott International, and Acceleron Pharma were the worst performers in June returning -6.3%, -5.1%, and -4.6%, respectively.
- Technology (+18.7%) was the best performing sector for the portfolio in June with 13 of the 14 holdings leading the sector.
- Stock selection in Consumer Staples weighed down the portfolio's relative performance with SAM trailing the sector during the month.
- The quantitative Growth model replaced 8 holdings at the start of July.

Value Holdings

The portfolio's value holdings were up 4.1% in June, leading the Russell 1000 Value Index by 525bps. The portfolio is leading the benchmark by 1.0% YTD.

- The portfolio outperformed 14 out of 22 trading days in June.
- 25 of the 30 holdings in the portfolio outperformed the benchmark in June.
- Etsy, Haemonetics, and AMD were the best performers during the month rising 24.3%, 18.1%, and 16.1%, respectively. Royal Gold, Sprouts, and Vertex Pharma were the worst performers in June returning -7.4%, -6.7%, and -3.8%, respectively.
- Consumer Discretionary (+7.0%) was the best performing sector for the portfolio in June with 2 of the 5 holdings leading the sector.
- Stock selection in Materials weighed down the portfolio's relative performance with RGLD trailing the sector during the month.
- The quantitative Value model replaced 7 holdings at the start of July.

Portfolio	Holdings	Div Yield	1m Return	6m Return	1Y Return	Inception
Focused U.S. Large Cap	60	0.5%	7.7%	13.3%	54.5%	191.8%
- Growth Holdings	30	0.3%	11.4%	8.1%	65.1%	260.7%
- Value Holdings	30	0.7%	4.1%	17.9%	42.6%	128.6%
Russell 1000 Index	~1,000	1.2%	2.5%	15.0%	43.0%	81.8%
Relative		-0.7%	+5.2%	-1.6%	+11.5%	+110.0%

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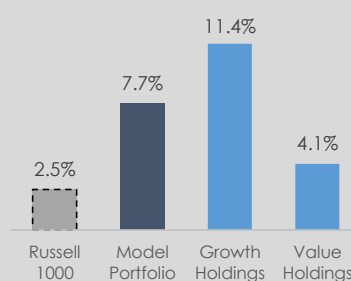
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June 2021 Performance



Strategy Overview

The *Focused U.S. Large Cap Portfolio* is a quantitatively managed portfolio that aims to produce attractive risk/return performance in all market environments. The model is rooted in statistics and uses fundamental data and consensus estimates to maximize objectivity in security selection. The performance information shown herein does not reflect the deduction of advisory and/or other fees normally incurred in the management of a portfolio. **Please see page 11 for important information and disclosures.**

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Focused U.S. Large Cap Portfolio

The Focused U.S. Large Cap Portfolio is built to provide consistent, high-quality idea generation within the U.S. Equity Large Cap segment. The portfolio is quantitatively managed and contains 60 equal-weighted companies using a barbell approach, split 50/50 between Growth and Value names. Additional information on the individual Growth and Value methodologies can be found on pages 3 and 7, respectively. The portfolio universe and benchmark for the Focused U.S. Large Cap Portfolio is the Russell 1000 Index.

Growth Portfolio Targets

# Holdings	30
Time Frame	6-18 months
Turnover	15-30% Monthly
Index	R.1000 Growth
Weighting	Equal Weight
Rebalance	Monthly

Value Portfolio Targets

# Holdings	30
Time Frame	3-9 months
Turnover	30-50% Monthly
Index	R.1000 Value
Weighting	Equal Weight
Rebalance	Monthly

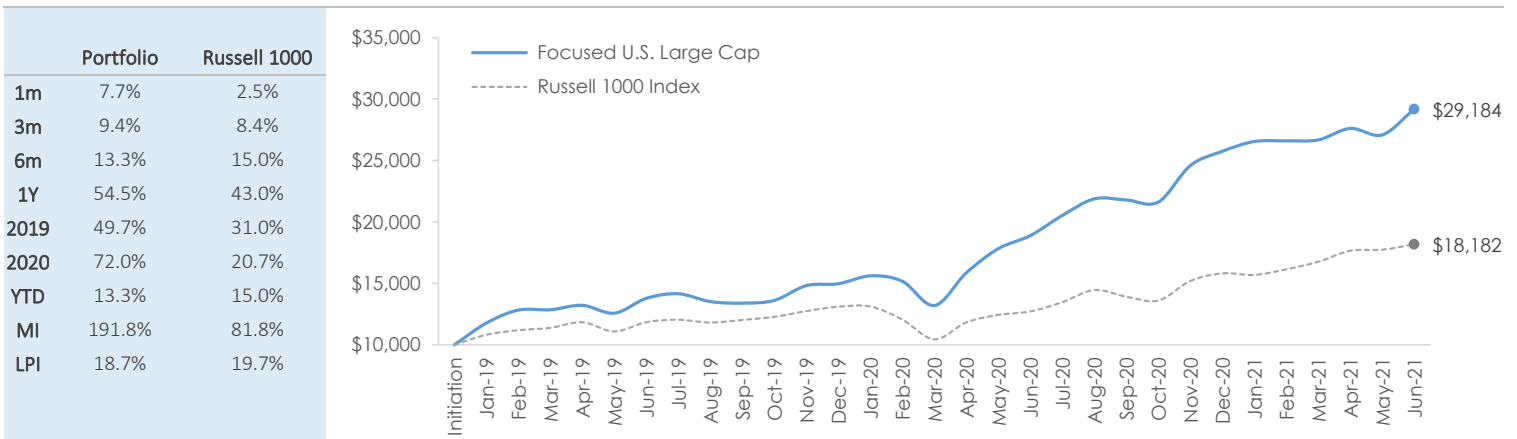
Sector Weighting

Tech	33.3%
Cons Disc	21.7%
Health Care	15.0%
Comm Svcs	10.0%
Industrials	6.7%
Cons Stpls	6.7%
Materials	3.3%
Energy	3.3%
Financials	-
Real Estate	-
Utilities	-

Growth Holdings	Sector	MDR Rating	Value Holdings	Sector	MDR Rating
Zillow Group (Z)	Comm Svcs	●●●● ↓	Hologic (HOLX)	Health Care	●●●●●
Booking (BKNG)	Cons Disc	●● ↑	Qiagen (QGEN)	Health Care	●●●●●
Marriott International (MAR)	Cons Disc	●●	Vertex Pharma (VRTX)	Health Care	●●●●●
Tesla (TSLA)	Cons Disc	●●● ↓	Carmax (KMX)	Cons Disc	●●●●●
International Fragrances (IFF)	Materials	● ↓	Royal Gold (RGLD)	Materials	●●●●● ↑
Enphase Energy (ENPH)	Tech	● ↓	Sprouts (SFM)	Cons Stpls	●●●●●
Roku (ROKU)	Comm Svcs	●●● ↓	Haemonetics (HAE)	Health Care	●●● ↓
Okta (OKTA)	Tech	●●●●●	Quest Diagnostics (DGX)	Health Care	●●●●●
CrowdStrike (CRWD)	Tech	●●●●● ↓	Netflix (NFLX)	Comm Svcs	●●●●●
Square (SQ)	Tech	●●● ↓	PerkinElmer (PKI)	Health Care	●●●●●
Pinterest (PINS)	Comm Svcs	●●● ↓	Herbalife Nutrition (HLF)	Cons Stpls	●●●●● ↑
Twilio (TWLO)	Tech	●●● ↓	Ollies Bargain Outlet (OLLI)	Cons Disc	●●●●●
DocuSign (DOCU)	Tech	●● ↓	Lennar (LEN)	Cons Disc	●●●●●
Trade Desk (TTD)	Tech	● ↓	Science Applications (SAIC)	Tech	●●●●● ↑
Solaredge (SEDG)	Tech	● ↓	Cabot Oil & Gas (COG)	Energy	●●●● ↓
Align Technology (ALGN)	Health Care	●●● ↓	Workday (WDAY)	Tech	●●●●●
Bright Horizons (BFAM)	Cons Disc	● ↓	Quidel (QDEL)	Health Care	●●●●●
MongoDB (MDB)	Tech	● ↓	D R Horton (DHI)	Cons Disc	●●●●●
Tyler Technologies (TYL)	Tech	● ↓	Clorox (CLX)	Cons Stpls	●●●●●
Marvell Technology (MRVL)	Tech	● ↓	Lockheed Martin (LMT)	Industrials	●●●●●
Micron Technology (MU)	Tech	●●● ↓	CACI International (CACI)	Tech	●●●●●
Boston Beer (SAM)	Cons Stpls	●●●●●	Aspen Technology (AZPN)	Tech	●●●●●
Phillips (PSX)	Energy	●	Northrop Grumman (NOC)	Industrials	●●●●● ↑
Steris (STE)	Health Care	● ↓	Toll Brothers (TOL)	Cons Disc	●●●●● ↑
Elastic NV (ESTC)	Tech	● ↓	Penske Automotive (PAG)	Cons Disc	●●●●● ↑
EPAM Systems (EPAM)	Tech	●	World Wrestling (WWE)	Comm Svcs	●●●●●
Vail Resorts (MTN)	Cons Disc	●●●●● ↑	Dollar Tree (DLTR)	Cons Disc	●●●●●
Walt Disney (DIS)	Comm Svcs	●●●	Dropbox (DBX)	Tech	●●● ↓
Generac (GNRC)	Industrials	● ↓	Zendesk (ZEN)	Tech	●●●● ↓
Choice Hotels (CHH)	Cons Disc	●● ↑	Schneider National (SNDR)	Industrials	●●●●● ↑

Focused U.S. Large Cap Cumulative Performance

Model Inception (MI): 12/31/2018 | Live Portfolio Inception (LPI): 11/30/2020



Source: MarketDesk Research. Note: Past performance does not guarantee future results. Performance includes dividends but not taxes/capital gains.

Growth Portfolio Holdings

The investment objective of the U.S. Large Cap Growth portfolio is to provide exposure to companies exhibiting above-average growth. The portfolio's holdings are selected based on consensus forecasted long-term growth (LTG) rate for companies within the Russell 1000 Index that pass a quality screen. The 30 companies with the highest LTG rates are equal-weighted, and the portfolio is constructed in such a way that sector exposure matches the Russell 1000 Growth Index. The quantitative model is updated and rebalanced monthly. Pages 4-6 provide additional portfolio statistics, highlight featured holdings, and track a Growth watchlist.

Portfolio Holding	Sector	MDR Rating	Valuation Composite	Positioning (m/m% std)	LTG Rate	Market Cap (\$B)	Dividend Yield	Performance (%)		
								1m	3m	6m
Zillow Group (Z)	Comm Svcs	●●●● ↓	-0.5	+0.0	65%	29.3	-	3	1	-7
Booking (BKNG)	Cons Disc	●● ↑	+2.3	-0.9	63%	90.8	-	-6	-6	1
Marriott International (MAR)	Cons Disc	●●	+1.6	-0.7	53%	44.4	-	-5	-6	6
Tesla (TSLA)	Cons Disc	●●● ↓	+0.2	+0.2	48%	659.0	-	9	12	3
International Fragrances (IFF)	Materials	● ↓	+1.9	+0.6	48%	37.1	2.1%	6	6	35
Enphase Energy (ENPH)	Tech	● ↓	+1.7	+0.6	46%	25.0	-	29	29	8
Roku (ROKU)	Comm Svcs	●●● ↓	-0.3	+0.6	44%	50.6	-	27	46	29
Okta (OKTA)	Tech	●●●●	-0.9	+0.3	41%	30.7	-	10	14	-6
CrowdStrike (CRWD)	Tech	●●●● ↓	-0.8	+0.3	41%	50.4	-	14	46	23
Square (SQ)	Tech	●●● ↓	+0.4	+0.2	37%	95.7	-	10	18	14
Pinterest (PINS)	Comm Svcs	●●● ↓	-0.4	+0.6	35%	42.6	-	19	12	14
Twilio (TWLO)	Tech	●●● ↓	-0.3	+0.6	34%	63.9	-	17	25	12
DocuSign (DOCU)	Tech	●● ↓	-0.9	+2.1	33%	54.9	-	40	43	24
Trade Desk (TTD)	Tech	● ↓	+0.7	+1.2	32%	33.7	-	33	27	-5
Solaredge (SEDG)	Tech	● ↓	+1.6	+0.1	32%	14.3	-	7	6	-10
Align Technology (ALGN)	Health Care	●●● ↓	+0.6	+0.0	31%	48.6	-	4	19	18
Bright Horizons (BFAM)	Cons Disc	● ↓	+1.4	+0.5	31%	9.0	-	7	-11	-13
MongoDB (MDB)	Tech	● ↓	-	+1.0	30%	22.6	-	25	41	0
★🛡️ Tyler Technologies (TYL)	Tech	● ↓	+1.1	+1.5	30%	18.5	-	12	8	6
★🛡️ Marvell Technology (MRVL)	Tech	● ↓	+2.8	+1.7	30%	47.9	0.4%	21	26	27
Micron Technology (MU)	Tech	●●● ↓	+0.5	-0.3	30%	94.3	-	0	-3	20
Boston Beer (SAM)	Cons Stpls	●●●●	-0.2	-0.6	29%	10.4	-	-3	-12	5
★🛡️ Phillips (PSX)	Energy	●	+2.0	+0.1	29%	37.5	4.2%	2	5	28
Steris (STE)	Health Care	● ↓	+1.0	+0.9	28%	20.5	0.8%	8	7	11
★🛡️ Elastic NV (ESTC)	Tech	● ↓	-	+1.2	28%	13.5	-	24	39	-1
★🛡️ EPAM Systems (EPAM)	Tech	●	+2.5	+0.4	27%	28.9	-	7	36	46
★🛡️ Vail Resorts (MTN)	Cons Disc	●●●● ↑	+0.4	-0.7	24%	12.7	-	-4	11	16
Walt Disney (DIS)	Comm Svcs	●●●	+1.1	-0.4	23%	318.0	-	-2	-5	-1
★🛡️ Generac (GNRC)	Industrials	● ↓	+2.1	+2.2	22%	26.1	-	26	37	87
★🛡️ Choice Hotels (CHH)	Cons Disc	●● ↑	+1.9	-0.5	21%	6.6	0.8%	-2	11	13

[↓ Download Excel File](#)

Removed Holdings

📌 PXD, DDOG, NET, PTON, HUBS, ZM, XLRN, PCAR

MDR Rating Percentile

20th ●●●●●
 40th ●●●●
 60th ●●●
 80th ●●
 100th ●

1 Month Change

↑ Positive
 ↓ Negative

Portfolio Highlights

🛡️ Added
 📌 Removed
 ★ Featured

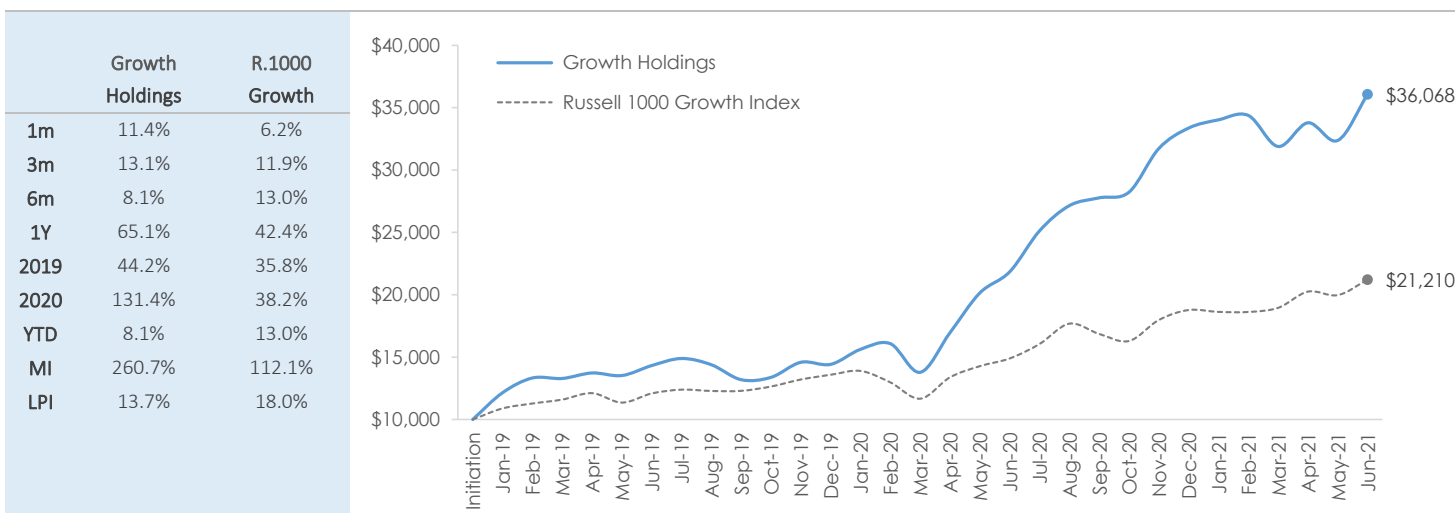
Definitions

Long-term Growth (LTG) Rate: Calculated as an average of NTM and second NTM consensus forecasted growth rate. **Valuation Composite:** Average z-score of each company's current earnings multiple vs its long-term average (see page 7 Definitions). **Positioning Signal:** Statistical measure to highlight overbought (+1 = high probability of a selloff) and oversold (-1 = high probability of a relative rebound) companies. Calculated as the z-score using 5 years of monthly returns. **MDR Rating:** Simple average of the current Valuation Composite and Positioning Signal z-scores split into 5 quintiles. The 20th percentile (●●●●●) is considered to have the highest probability of upward price movement and the 100th (●) the lowest.

Growth Holdings Statistics

Growth Model Cumulative Performance

Model Inception (MI): 12/31/2018 | Live Portfolio Inception (LPI): 11/30/2020

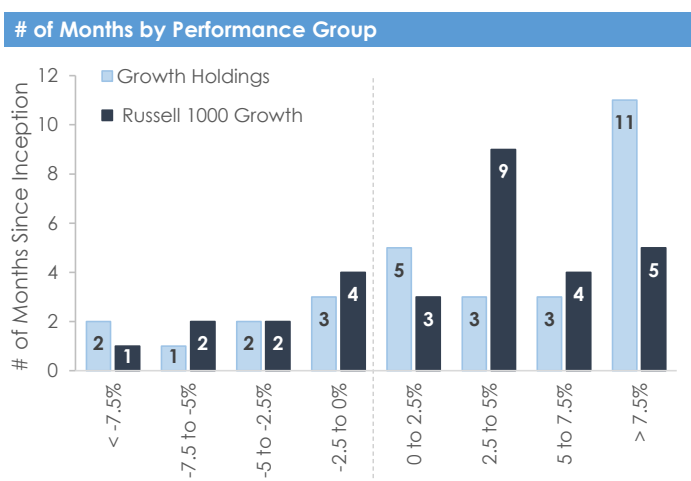


Source: MarketDesk Research. Note: Past performance does not guarantee future results. Performance includes dividends but not taxes/capital gains.

Portfolio Overview

Statistic	Description
Strategy	Quantitative strategy that aims to hold a diversified basket of high quality U.S. companies exhibiting above-average growth
# Holdings	30 companies (Russell 1000 Universe)
Time Frame	6-18 Months
Rebalance	The model is updated and rebalanced monthly
Turnover	15-30% Monthly
Benchmark	Russell 1000 Growth Index
Weighting	Equal Weight
Sectors	Match Benchmark's Sector Exposure +/-5%

Monthly Return Distribution



Top / Bottom Performing Holdings Last Month

Top 10 Holdings	Bottom 10 Holdings
39.8% DocuSign (DOCU)	-6% Booking (BKNG)
32.8% Trade Desk (TTD)	-5% Marriott International (MAR)
29.9% Cloudflare (NET)	-5% Acceleron Pharma (XLRN)
28.8% Enphase Energy (ENPH)	-3% Paccar (PCAR)
26.8% Roku (ROKU)	-3% Boston Beer (SAM)
24.7% MongoDB (MDB)	-2% Walt Disney (DIS)
19.3% Pinterest (PINS)	0% Micron Technology (MU)
17.1% Twilio (TWLO)	3% Zillow Group (Z)
17.0% Zoom Video (ZM)	4% Align Technology (ALGN)
15.9% HubSpot (HUBS)	6% International Fragrances (IFF)

Sector Composition vs Benchmark

Sector	Portfolio	Benchmark	+/-
Technology	46.6%	44.1%	+2.5%
Consumer Discretionary	20.0%	18.4%	+1.5%
Communication Services	13.3%	12.7%	+0.7%
Health Care	6.7%	9.1%	-2.4%
Industrials	3.3%	6.3%	-3.0%
Consumer Staples	3.3%	3.9%	-0.5%
Materials	3.3%	1.0%	+2.3%
Energy	3.3%	0.3%	+3.0%
Financials	-	2.3%	-2.3%
Real Estate	-	1.8%	-1.8%
Utilities	-	-	-

Featured New Growth Holdings

Tyler Technologies	<i>Mkt Cap</i>	<i>LTG Rate</i>	<i>Value Comp.</i>
TYL (•)	\$18.5 B	29.8%	+1.1 std

Tyler Technologies provides integrated technology and management solutions and services for public sector with a focus on local governments. The Enterprise Software segment provides municipal and county governments and schools with software systems to meet their information technology and automation needs for mission-critical back-office functions. The Appraisal and Tax segment provides systems and software that automate the appraisal and assessment of real and personal property, as well as property appraisal outsourcing services for local governments and taxing authorities.

Phillips	<i>Mkt Cap</i>	<i>LTG Rate</i>	<i>Value Comp.</i>
PSX (•)	\$37.6 B	28.8%	+2.0 std

Phillips 66 engages in the processing, transportation, storage, and marketing of fuels and other related products. The Midstream segment provides crude oil and refined products transportation, terminaling and processing services, as well as natural gas, natural gas liquids and liquefied petroleum gas transportation, storage, processing and marketing services. The Chemicals segment produces and markets petrochemicals and plastics on a worldwide basis. The Refining segment handles crude oil and other petroleum products such as gasoline. The Marketing and Specialties segment purchases for resale and markets refined petroleum products.

EPAM Systems	<i>Mkt Cap</i>	<i>LTG Rate</i>	<i>Value Comp.</i>
EPAM (•)	\$28.9 B	27.2%	+2.5 std

EPAM Systems provides software product development and digital platform engineering services. It operates through the following geographical segments: North America, Europe, and Russia.

Generac	<i>Mkt Cap</i>	<i>LTG Rate</i>	<i>Value Comp.</i>
GNRC (•)	\$26.1 B	22.0%	+2.1 std

Generac designs and manufactures power generation equipment and other power products. The Domestic segment includes the legacy Generac, and the impact of acquisitions that are based in the United States. The International segment comprises of ottomotors, tower light, pramac, motortech and selmec businesses.

Marvell Technology	<i>Mkt Cap</i>	<i>LTG Rate</i>	<i>Value Comp.</i>
MRVL (•)	\$47.9 B	29.7%	+2.8 std

Marvell Technology provides data infrastructure semiconductor solutions. It offers compute, networking, storage and custom related solutions.

Elastic NV	<i>Mkt Cap</i>	<i>LTG Rate</i>	<i>Value Comp.</i>
ESTC (•)	\$13.4 B	27.9%	-

Elastic provides open source search and analytics engine services. It offers Elastic Stack, a set of software products that ingest and store data from various sources and formats, as well as perform search, analysis, and visualization. The firms Elastic Stack product comprises Elasticsearch, a distributed, real-time search / analytics engine; Kibana, a user interface, management, and configuration interface for the Elastic Stack; Beats, a single-purpose data shippers for sending data; and Logstash, a data processing pipeline for ingesting data into Elasticsearch. Its products are used by individual developers and organizations of a range of industries.

Vail Resorts	<i>Mkt Cap</i>	<i>LTG Rate</i>	<i>Value Comp.</i>
MTN (••••)	\$12.7 B	24.3%	+0.4 std

Vail Resorts operates several mountain resorts. The Mountain segment covers ski areas and related activities. The Lodging segment includes ownership of hotels, condominium management, Colorado resort ground transportation company, and mountain resort golf courses. The Real Estate segment holds real property at mountain resorts primarily throughout Summit and Eagle Counties in Colorado.

Choice Hotels	<i>Mkt Cap</i>	<i>LTG Rate</i>	<i>Value Comp.</i>
CHH (••)	\$6.6 B	21.5%	+1.9 std

Choice Hotels International engages in the franchising and operations of hotels. The Hotel Franchising segment refers to the hotel franchising operations consisting of the company's several hotel brands. The Corporate and Other segment deals with hotel revenues and rental income related to office building owned by the company.

Growth Watchlist

This page lists the companies with the next 50 highest LTG rates beyond the 30 holdings on page 3. The Growth Watchlist is provided for two primary reasons: (1) new holdings within the U.S. Large Cap Growth portfolio tend to come from this list and (2) it provides additional idea generation. This page is updated each month as the model is refreshed.

Portfolio Holding	Sector	MDR Rating	Valuation Composite	Positioning (m/m% std)	LTG Rate	Market Cap (\$B)	Dividend Yield	Performance (%)		
								1m	3m	6m
Chevron (CVX)	Energy	•••	+0.2	+0.1	27%	202.0	5.2%	1	-1	27
Zendesk (ZEN)	Tech	•••• ↓	-0.7	+0.2	26%	17.1	-	6	13	3
Servicenow (NOW)	Tech	• ↓	+0.7	+1.3	25%	108.7	-	16	13	1
Universal Display (OLED)	Tech	•••• ↓	-0.5	0.0	25%	10.4	0.4%	2	-4	-4
Anaplan (PLAN)	Tech	•••• ↓	-	0.0	25%	7.8	-	5	5	-27
Avalara (AVLR)	Tech	••• ↓	-1.1	+1.2	24%	14.0	-	23	32	-2
AMD Inc. (AMD)	Tech	••• ↓	-0.4	+0.6	24%	113.1	-	16	21	3
Steel Dynamics (STLD)	Materials	••••• ↑	-0.1	-0.6	23%	12.6	1.8%	-4	21	66
Facebook (FB)	Comm Svcs	•• ↓	+0.9	+0.4	23%	835.2	-	6	20	26
Zoom Video (ZM)	Tech	•••• ↓	-0.8	+0.4	23%	92.0	-	17	26	10
Paycom Software (PCTY)	Tech	• ↓	+1.3	+0.9	22%	10.5	-	13	12	-7
Valero Energy (VLO)	Energy	•••• ↑	-0.1	-0.3	22%	31.9	5.1%	-3	10	44
Pegasystems (PEGA)	Tech	•• ↓	-0.3	+1.5	22%	11.4	0.1%	19	25	7
Jamf Holding Corp (JAMF)	Tech	•••••	-1.1	-0.1	22%	4.0	-	-3	-2	12
Coupa Software (COUP)	Tech	••• ↓	0.0	+0.4	22%	19.3	-	10	8	-23
Mastercard (MA)	Tech	•• ↓	+1.4	-0.1	22%	360.4	0.5%	2	1	6
Amazon (AMZN)	Cons Disc	•••• ↓	-0.7	+0.6	20%	1,742.6	-	7	12	4
Tandem Diabetes (TNDM)	Health Care	•••• ↓	-0.5	+0.3	20%	6.1	-	15	21	1
Dexcom (DXCM)	Health Care	••• ↓	0.0	+0.7	20%	41.1	-	15	22	19
Lululemon Athletica (LULU)	Cons Disc	•• ↓	+0.6	+0.8	20%	45.6	-	13	16	3
Capri (CPRI)	Cons Disc	••	+1.1	-0.1	20%	8.6	-	0	20	32
Insulet Corporation (PODD)	Health Care	•••••	-0.5	-0.1	20%	19.0	-	3	7	6
VF Corporation (VFC)	Cons Disc	•• ↓	+0.8	+0.2	19%	32.1	2.4%	3	4	-2
Illumina (ILMN)	Health Care	• ↓	+2.5	+1.3	19%	68.9	-	16	19	29
Darden Restaurants (DRI)	Cons Disc	•••• ↑	0.0	-0.1	19%	18.9	1.8%	1	1	23
Spotify Technology (SPOT)	Comm Svcs	•• ↓	+0.4	+0.9	19%	52.8	-	14	9	-13
Etsy (ETSY)	Cons Disc	••• ↓	-0.7	+1.0	18%	26.0	-	24	4	16
Nucor (NUE)	Materials	•••• ↑	+0.3	-0.8	18%	28.6	1.7%	-6	22	86
Exxon Mobil (XOM)	Energy	••• ↓	-0.6	+1.0	18%	266.6	5.6%	8	11	57
Hexcel (HXL)	Industrials	••	+0.9	+0.3	18%	5.2	-	5	12	31
CoStar Group (CSGP)	Industrials	•••• ↑	+0.6	-0.7	17%	32.9	-	-2	3	-9
Starbucks (SBUX)	Cons Disc	••• ↑	+1.1	-0.5	17%	131.2	1.6%	-2	2	6
Abiomed (ABMD)	Health Care	•• ↓	+0.6	+0.6	17%	14.2	-	10	3	-2
Chipotle Mexican Grill (CMG)	Cons Disc	•• ↓	+0.5	+0.9	16%	43.6	-	13	9	11
Netflix (NFLX)	Comm Svcs	•••••	-1.3	+0.2	16%	235.5	-	6	3	0
Ralph Lauren (RL)	Cons Disc	••••	+0.5	-0.6	16%	5.7	2.4%	-5	0	16
HEICO Corporation (HEI.A)	Industrials	•• ↑	+1.7	-0.9	15%	17.8	0.1%	-5	10	7
HEICO (HEI)	Industrials	••	+1.6	-0.3	15%	17.8	0.1%	0	14	7
Middleby (MIDD)	Industrials	• ↓	+1.4	+0.3	15%	9.6	-	5	5	36
Bio Techne (TECH)	Health Care	• ↓	+2.1	+0.6	15%	17.4	0.3%	8	22	42
Charles River Labs (CRL)	Health Care	•	+2.6	+0.8	15%	18.6	-	9	31	49
Axon Enterprise (AAXN)	Industrials	• ↓	+1.2	+1.4	15%	11.4	-	26	32	43
Lyondellbasell Industries (LYB)	Materials	••••• ↑	+0.2	-1.0	15%	34.4	4.4%	-8	0	17
Howmet Aerospace (HWM)	Industrials	•	+2.2	-0.4	15%	14.9	-	-3	9	22
Estee Lauder (EL)	Cons Stpls	• ↓	+1.7	+0.2	15%	73.6	0.7%	4	9	21
Deere (DE)	Industrials	••••	+0.2	-0.6	15%	110.1	1.0%	-2	-4	34
Cabot Oil & Gas (COG)	Energy	•••• ↓	-1.1	+0.6	14%	6.9	2.7%	5	-10	9
TJX (TJX)	Cons Disc	•••• ↓	0.0	-0.2	14%	80.9	1.6%	-1	3	-1
Aptiv (APTIV)	Cons Disc	•	+1.6	+0.3	14%	42.8	-	5	17	24
Robert Half (RHI)	Industrials	•• ↑	+1.7	-0.2	14%	10.0	1.7%	0	16	43

Value Portfolio Holdings

The investment objective of the U.S. Large Cap Value Portfolio is to provide exposure to high-quality companies trading at a relative discount to their long-term valuation average. The portfolio's holdings are selected by calculating the current valuation composite (see Definitions below) for companies within the Russell 1000 Index that pass a quality screen. The 30 companies with the lowest valuation composite are equal weighted with a max 25% weight for any sector. The quantitative model is updated and rebalanced monthly. Pages 8-10 provide additional portfolio statistics, highlight featured holdings, and track a Value watchlist.

Portfolio Holding	Sector	MDR Rating	Valuation Composite	Positioning (m/m% std)	NTM P/E	Market Cap (\$B)	Dividend Yield	Performance (%)		
								1m	3m	6m
Hologic (HOLX)	Health Care	●●●●●	-1.8	+0.4	13.2x	17.0	-	5	-10	-7
Qiagen (QGEN)	Health Care	●●●●●	-1.7	-0.5	20.2x	11.0	-	-2	0	-8
Vertex Pharma (VRTX)	Health Care	●●●●●	-1.7	-0.6	16.9x	51.9	-	-4	-7	-14
★🛡️ Carmax (KMX)	Cons Disc	●●●●●	-1.6	+1.0	19.1x	21.2	-	13	-3	41
Royal Gold (RGLD)	Materials	●●●●● ↑	-1.5	-0.9	29.9x	7.5	1.1%	-7	7	7
Sprouts (SFM)	Cons Stpls	●●●●●	-1.4	-0.8	12.1x	2.9	-	-7	-11	21
Haemonetics (HAE)	Health Care	●●● ↓	-1.4	+1.4	23.3x	3.4	-	18	-42	-44
Quest Diagnostics (DGX)	Health Care	●●●●●	-1.3	-0.2	13.7x	17.2	1.9%	0	3	12
Netflix (NFLX)	Comm Svcs	●●●●●	-1.3	+0.2	45.2x	235.5	-	6	3	0
PerkinElmer (PKI)	Health Care	●●●●●	-1.3	+0.5	19.7x	17.3	0.2%	6	20	10
Herbalife Nutrition (HLF)	Cons Stpls	●●●●● ↑	-1.3	-0.1	10.1x	6.2	-	0	18	10
Ollies Bargain Outlet (OLLI)	Cons Disc	●●●●●	-1.3	-0.4	27.6x	5.5	-	-2	-2	0
★🛡️ Lennar (LEN)	Cons Disc	●●●●●	-1.2	-0.1	7.3x	30.4	1.0%	0	0	28
★🛡️ Science Applications (SAIC)	Tech	●●●●● ↑	-1.1	-0.3	13.1x	5.1	1.7%	-2	7	-7
Cabot Oil & Gas (COG)	Energy	●●●● ↓	-1.1	+0.6	10.4x	6.9	2.7%	5	-10	9
Workday (WDAY)	Tech	●●●●●	-1.1	+0.2	75.6x	45.4	-	5	-1	1
Quidel (QDEL)	Health Care	●●●●●	-1.1	+0.2	15.6x	5.4	-	8	4	-29
★🛡️ D R Horton (DHI)	Cons Disc	●●●●●	-1.0	-0.7	7.8x	32.6	0.9%	-5	3	30
Clorox (CLX)	Cons Stpls	●●●●●	-1.0	+0.2	23.6x	22.4	2.6%	2	-7	-10
Lockheed Martin (LMT)	Industrials	●●●●●	-0.9	-0.3	13.9x	105.3	2.8%	-1	2	9
CACI International (CACI)	Tech	●●●●●	-0.9	-0.2	15.0x	6.0	-	0	3	3
Aspen Technology (AZPN)	Tech	●●●●●	-0.8	-0.2	28.7x	9.4	-	1	-4	6
Northrop Grumman (NOC)	Industrials	●●●●● ↑	-0.8	-0.2	14.5x	58.6	1.7%	0	13	22
★🛡️ Toll Brothers (TOL)	Cons Disc	●●●●● ↑	-0.8	-1.2	7.7x	7.1	1.2%	-12	3	29
★🛡️ Penske Automotive (PAG)	Cons Disc	●●●●● ↑	-0.8	-1.2	8.4x	6.0	2.3%	-13	-6	30
World Wrestling (WWE)	Comm Svcs	●●●●●	-0.7	+0.1	29.7x	2.6	0.8%	4	4	21
Dollar Tree (DLTR)	Cons Disc	●●●●●	-0.7	+0.2	15.7x	23.1	-	2	-14	-9
Dropbox (DBX)	Tech	●●● ↓	-0.7	+1.0	21.2x	9.6	-	11	16	32
Zendesk (ZEN)	Tech	●●●● ↓	-0.7	+0.2	163.8x	17.1	-	6	13	3
★🛡️ Schneider National (SNDR)	Industrials	●●●●● ↑	-0.6	-1.3	12.6x	2.1	1.3%	-10	-12	7

[Download Excel File](#)

Removed Holdings

📌 ETSY, XOM, MRCY, AMZN, SIRI, PII, AMD

MDR Rating Percentile

20th ●●●●●
 40th ●●●●●
 60th ●●●
 80th ●●
 100th ●

1 Month Change

↑ Positive
 ↓ Negative

Portfolio Highlights

🛡️ Added
 📌 Removed
 ★ Featured

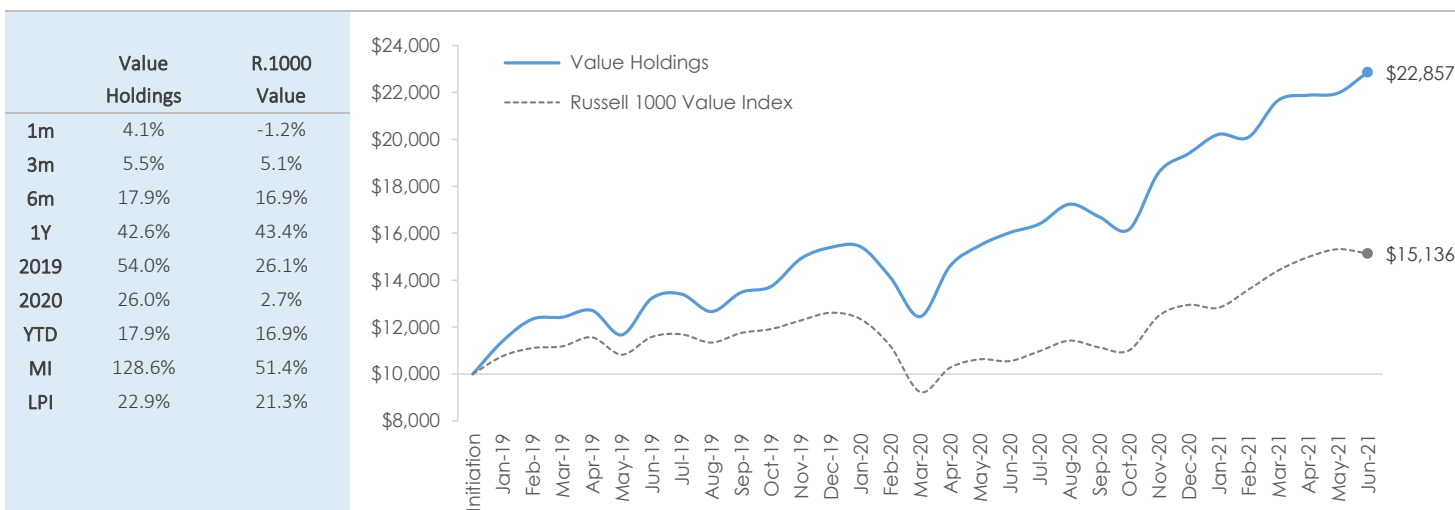
Definitions

Valuation Composite: Average z-score (e.g. # of standard deviations) of each company's current earnings multiples vs its long-term average. For an approximately normal data set, ~99.7% of the values would be expected to fall within +/- 3std of the average, ~95% within +/- 2std, and ~68% within +/- 1std. **Positioning Signal:** Statistical measure to highlight overbought (+1 = high probability of a selloff) and oversold (-1 = high probability of a relative rebound) companies. Calculated as the z-score using 5 years of monthly returns. **MDR Rating:** Simple average of the current Valuation Composite and Positioning Signal z-scores split into 5 quintiles. The 20th percentile (●●●●●) is considered to have the highest probability of upward price movement and the 100th (●) the lowest.

Value Holdings Statistics

Value Model Cumulative Performance

Model Inception (MI): 12/31/2018 | Live Portfolio Inception (LPI): 11/30/2020

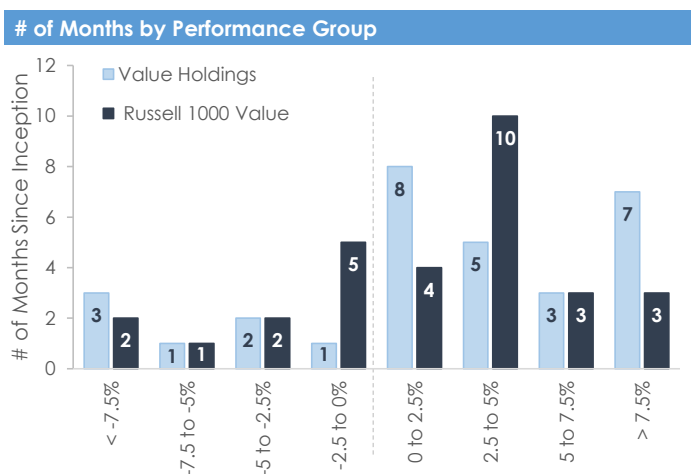


Source: MarketDesk Research. Note: Past performance does not guarantee future results. Performance includes dividends but not taxes/capital gains.

Portfolio Overview

Statistic	Description
Strategy	Quantitative strategy that aims to hold a diversified basket of high quality U.S. holdings trading at a relative discount to their long-term valuation average
# Holdings	30 holdings (Russell 1000 Universe)
Time Frame	3-9 Months
Rebalance	The model is updated and rebalanced monthly
Turnover	30-50% Monthly
Benchmark	Russell 1000 Value Index
Weighting	Equal Weight
Sectors	Max 25% Sector Weight

Monthly Return Distribution



Top / Bottom Performing Holdings Last Month

Top 10 Holdings	Bottom 10 Holdings
24.3% Etsy (ETSY)	-7.4% Royal Gold (RGLD)
18.1% Haemonetics (HAE)	-6.7% Sprouts (SFM)
16.1% AMD Inc. (AMD)	-3.8% Vertex Pharma (VRTX)
10.9% Dropbox (DBX)	-2.3% Qiagen (QGEN)
8.4% Quidel (QDEL)	-2.1% Ollies Bargain Outlet (OLLI)
7.9% Exxon Mobil (XOM)	-0.9% Lockheed Martin (LMT)
7.2% Amazon (AMZN)	-0.4% Northrop Grumman (NOC)
6.3% Perkinelmer (PKI)	0.0% Quest Diagnostics (DGX)
5.8% Zendesk (ZEN)	0.2% CACI International (CACI)
5.6% Netflix (NFLX)	0.4% Herbalife Nutrition (HLF)

Sector Composition vs Benchmark

Sector	Portfolio	Benchmark	+/-
Consumer Discretionary	23.3%	5.7%	+17.6%
Health Care	23.3%	17.3%	+6.0%
Technology	20.0%	10.3%	+9.7%
Industrials	10.0%	11.9%	-1.9%
Consumer Staples	10.0%	7.1%	+2.9%
Communication Services	6.7%	8.5%	-1.8%
Materials	3.3%	3.8%	-0.5%
Energy	3.3%	5.1%	-1.8%
Financials	-	20.8%	-20.8%
Real Estate	-	4.6%	-4.6%
Utilities	-	4.8%	-4.8%

Featured New Value Holdings

CarMax	<i>Mkt Cap</i>	<i>LTG Rate</i>	<i>Value Comp.</i>
KMX (•••••)	\$21.2 B	-	-1.6 std

CarMax engages in the retail of used vehicles and wholesale of vehicle auction operator. The CarMax Sales Operations segment comprises of all aspects of its auto merchandising and service operations. The CAF segment pertains to its finance operation, which offers vehicle financing services to customers buying retail vehicles.

Science Applications	<i>Mkt Cap</i>	<i>LTG Rate</i>	<i>Value Comp.</i>
SAIC (•••••)	\$5.1 B	-	-1.1 std

Science Applications is a provider of technical, engineering and enterprise information technology (IT) services primarily to the U.S. government. Its offerings include: engineering; technology integration; maintenance of ground and maritime systems; logistics; training and simulation; and operation and program support services. The firm's key customers include Department of State, Department of Homeland Security, EPA, FAA, NASA, U.S. Army, U.S. Navy, U.S. Marine Corps, Defense Logistics Agency, Intelligence Community, U.S. Air Force and U.S. Space Force.

Toll Brothers	<i>Mkt Cap</i>	<i>LTG Rate</i>	<i>Value Comp.</i>
TOL (•••••)	\$7.1 B	-	-0.8 std

Toll Brothers builds residential communities. The Traditional Home Building segment builds and sells homes for detached and attached homes in luxury residential communities in affluent suburban markets and cater to move-up, empty-nester, active-adult, age-qualified, and second-home buyers. The City Living segment builds and sells homes in urban infill markets through Toll Brothers City Living.

Schneider National	<i>Mkt Cap</i>	<i>LTG Rate</i>	<i>Value Comp.</i>
SNDR (•••••)	\$2.1 B	-	-0.6 std

Schneider National provides transportation and logistics services including van truckload, dedicated, regional, bulk, intermodal, brokerage, supply chain management, port logistics, and freight payment services. The Truckload segment consists of freight transported and delivered with standard and specialty equipment by employed drivers in company trucks and by owner-operators. The Intermodal segment consists of door-to-door container on flat car service by a combination of rail and over-the-road transportation, in association with rail carrier partners. The Logistics segment consists of non-asset freight brokerage services.

Lennar	<i>Mkt Cap</i>	<i>LTG Rate</i>	<i>Value Comp.</i>
LEN (•••••)	\$30.5 B	-	-1.2 std

Lennar is a homebuilding company. The Financial Services segment focuses on the mortgage financing, title insurance and closing services for both buyers of homes and others. The Multifamily develops, constructs and manages property of multifamily rental. The Lennar Other segment involves in raising, investing, and managing third-party capital, originating, and selling into securitizations commercial mortgage loans.

D R Horton	<i>Mkt Cap</i>	<i>LTG Rate</i>	<i>Value Comp.</i>
DHI (•••••)	\$32.7 B	-	-1.0 std

D.R. Horton engages in the construction and sale of single-family housing. The Homebuilding segment includes the sub-segments East, Midwest, Southeast, South Central, Southwest and West regions. The Financial Services segment provides mortgage financing and title agency services to homebuyers in many of its homebuilding markets.

Penske Automotive	<i>Mkt Cap</i>	<i>LTG Rate</i>	<i>Value Comp.</i>
PAG (•••••)	\$6.1 B	-	-0.8 std

Penske distributes commercial vehicles, diesel engines, gas engines, power systems and related parts & services. The Retail Automotive segment consists of retail automotive dealership operations. The Retail Commercial Truck segment is the dealership operations of commercial trucks in the U.S. and Canada. The Other segment is comprised of commercial vehicle and power systems distribution operation and other non-automotive consolidated operations. The Non-Automotive Investments segment is the equity method investments in non-automotive operations.

Value Watchlist

This page lists the companies with the next 50 lowest valuation composites beyond the 30 holdings on page 7. The Value Watchlist is provided for two primary reasons: (1) new holdings within the U.S. Large Cap Value portfolio tend to come from this list and (2) it provides additional idea generation. This page is updated each month as the model is refreshed.

Portfolio Holding	Sector	MDR Rating	Valuation Composite	Positioning (m/m% std)	NTM P/E	Market Cap (\$B)	Dividend Yield	Performance (%)		
								1m	3m	6m
Chemed (CHE)	Health Care	★★★★ ↑	-0.9	-0.8	25.9x	7.6	0.3%	-3	1	-10
LabCorp (LH)	Health Care	★★★★	-0.9	-0.2	14.3x	26.8	-	0	9	36
Becton Dickinson (BDX)	Health Care	★★★★	-0.8	-0.1	18.6x	70.7	1.3%	1	-1	-2
Merck & Co (MRK)	Health Care	★★★ ↓	-0.8	+1.4	12.2x	197.5	3.4%	9	5	2
Etsy (ETSY)	Cons Disc	★★★ ↓	-0.7	+1.0	60.5x	26.0	-	24	4	16
Amazon (AMZN)	Cons Disc	★★★★ ↓	-0.7	+0.6	53.7x	1,742.6	-	7	12	4
Columbia Sportswear (COLM)	Cons Disc	★★★★	-0.6	-0.7	20.5x	6.5	1.1%	-5	-7	12
Regeneron (REGN)	Health Care	★★★ ↓	-0.6	+1.1	12.5x	58.7	-	12	16	16
PulteGroup (PHM)	Cons Disc	★★★★	-0.6	-0.7	6.8x	14.4	1.0%	-5	6	24
Insulet Corporation (PODD)	Health Care	★★★★	-0.5	-0.1	243.5x	19.0	-	3	7	6
Tandem Diabetes (TNDM)	Health Care	★★★★ ↓	-0.5	+0.3	247.3x	6.1	-	15	21	1
Neurocrine Biosciences (NBIX)	Health Care	★★★★ ↑	-0.5	-0.1	30.0x	9.2	-	2	-3	4
Under Armour (UAA)	Cons Disc	★★★★	-0.5	-0.5	50.2x	8.2	-	-8	-3	24
Dicks Sporting (DKS)	Cons Disc	★★★★ ↑	-0.5	+0.0	12.3x	6.5	1.4%	2	32	78
Thor Industries (THO)	Cons Disc	★★★★ ↑	-0.5	-0.6	10.3x	6.3	1.5%	-8	-14	18
Under Armour (UA)	Cons Disc	★★★★ ↑	-0.4	-0.2	44.6x	8.2	-	-4	4	25
Polaris (PII)	Cons Disc	★★★★ ↓	-0.4	+0.2	14.0x	8.3	1.9%	4	2	43
VMware (VMW)	Tech	★★★★ ↓	-0.4	+0.0	22.3x	18.0	-	2	4	15
NVR Inc. (NVR)	Cons Disc	★★★★ ↓	-0.4	-0.1	14.4x	18.1	-	2	6	20
Thermo Fisher (TMO)	Health Care	★★★ ↓	-0.4	+0.9	24.0x	198.6	0.2%	8	10	9
AMD Inc. (AMD)	Tech	★★★ ↓	-0.4	+0.6	38.4x	113.1	-	16	21	3
Leidos (LDOS)	Tech	★★★★ ↑	-0.4	-0.4	14.7x	14.3	1.3%	-1	3	-2
BioMarin Pharma (BMRN)	Health Care	★★★ ↓	-0.3	+0.7	460.9x	15.2	-	8	11	-3
PTC Inc. (PTC)	Tech	★★★★	-0.3	+0.3	37.9x	16.5	-	5	7	20
Hill Rom (HRC)	Health Care	★★★★	-0.3	+0.0	17.9x	7.5	0.8%	2	2	16
Arrow Electronics (ARW)	Tech	★★★★ ↑	-0.3	-0.8	9.0x	8.4	-	-6	5	18
Kellogg (K)	Cons Stpls	★★★★ ↑	-0.3	-0.2	15.6x	22.0	3.6%	-1	0	6
Pilgrims Pride (PPC)	Cons Stpls	★★★★ ↑	-0.3	-0.7	10.5x	5.4	-	-8	-9	14
Rollins (ROL)	Industrials	★★★★ ↓	-0.3	-0.3	49.6x	16.8	0.9%	0	0	-10
Lowe's Companies (LOW)	Cons Disc	★★★★	-0.3	-0.2	17.2x	137.4	1.6%	0	3	22
Global Payments (GPN)	Tech	★★★★	-0.3	-0.6	21.6x	55.5	0.4%	-3	-8	-10
Five Below (FIVE)	Cons Disc	★★★★	-0.2	+0.1	37.8x	10.8	-	5	0	14
Baxter International (BAX)	Health Care	★★★★	-0.2	-0.6	21.5x	40.5	1.4%	-2	-6	1
Nu Skin Enterprises (NUS)	Cons Stpls	★★★★ ↑	-0.1	-0.6	12.8x	2.8	2.7%	-7	8	6
McCormick & Co. (MCK)	Cons Stpls	★★★★	-0.1	-0.3	28.6x	23.6	1.6%	-1	-2	-6
FleetCor Technologies (FLT)	Tech	★★★★ ↑	-0.1	-0.9	18.9x	21.4	-	-6	-7	-5
SalesForce.Com (CRM)	Tech	★★★★	-0.1	+0.1	60.8x	226.7	-	3	16	10
Autodesk (ADSK)	Tech	★★★★ ↓	-0.1	+0.0	51.0x	64.7	-	3	9	-1
Verisk Analytics (VRSK)	Industrials	★★★★ ↓	-0.1	-0.1	31.7x	28.2	0.7%	1	-3	-15
Booz Allen Hamilton (BAH)	Tech	★★★★	-0.1	-0.3	19.8x	11.5	1.7%	0	5	-2
Paccar (PCAR)	Industrials	★★★★ ↑	-0.1	-0.5	13.7x	30.9	1.5%	-3	-4	5
Fair Isaac (FICO)	Tech	★★★★	-0.1	-0.4	39.4x	14.6	-	0	4	0
Coupa Software (COUP)	Tech	★★★ ↓	+0.0	+0.4	1904.4x	19.3	-	10	8	-23
Clean Harbors (CLH)	Industrials	★★★★ ↑	+0.0	-0.2	33.6x	5.1	-	0	10	24
Kimberly Clark (KMB)	Cons Stpls	★★★ ↓	+0.0	+0.4	17.4x	45.0	3.4%	3	-3	1
Ball (BLL)	Materials	★★★★ ↓	+0.0	-0.4	21.4x	26.6	0.7%	-1	-5	-12
Procter & Gamble (PG)	Cons Stpls	★★★★ ↑	+0.0	-0.3	22.6x	329.4	2.6%	0	-2	-2
Westlake Chemical (WLK)	Materials	★★★★ ↑	+0.1	-1.2	10.1x	11.5	1.2%	-11	2	13
FTI Consulting (FCN)	Industrials	★★★★	+0.1	-0.3	19.8x	4.7	-	0	-2	24
Agco (AGCO)	Industrials	★★★★ ↑	+0.1	-0.9	14.2x	9.8	0.6%	-6	-5	32

Website

www.MarketDeskResearch.com

Sales Team

+1 (646) 787-0394

Sales@MarketDeskResearch.com

Client Support

+1 (646) 787-0394

Support@MarketDeskResearch.com

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- Enhanced U.S. Momentum
- Tactical All Cap

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