

## Autodesk Inc. (ADSK)

**\$202.63** (As of 05/28/20)

Price Target (6-12 Months): **\$213.00**

Long Term: 6-12 Months

**Zacks Recommendation:**

**Neutral**

(Since: 10/28/19)

Prior Recommendation: Underperform

Short Term: 1-3 Months

**Zacks Rank:** (1-5)

**3-Hold**

Zacks Style Scores:

VGM:C

Value: D

Growth: A

Momentum: D

## Summary

Autodesk's first-quarter fiscal 2021 results benefited from higher subscription revenues, gross margin expansion and lower operating expenses. Also, rapid adoption of BIM 360 products and success of the maintenance to subscription (M2S) program drove revenues. We believe higher demand for Autodesk's cloud-based products, mobile solutions and design suites will drive the top line over the long haul. However, sluggish growth in Maintenance revenues due to continued migration of maintenance plan subscriptions to subscription plan hurt top-line growth. Autodesk expects new business activity in the second quarter to be most impacted by the pandemic while remaining cautious on new business closure rates. Moreover, renewal rates are expected to decline in the near term. Shares have underperformed the industry on a year-to-date basis.

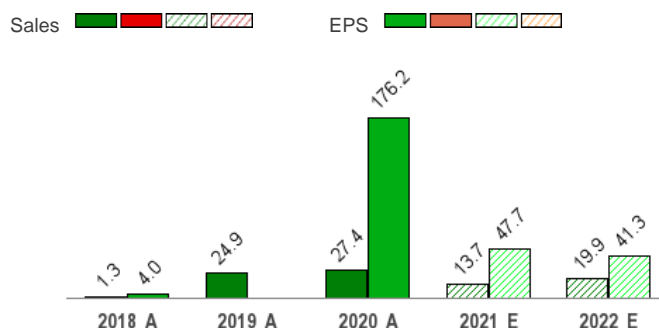
## Price, Consensus & Surprise



## Data Overview

52 Week High-Low	\$211.58 - \$125.38
20 Day Average Volume (sh)	1,392,938
Market Cap	\$44.4 B
YTD Price Change	10.5%
Beta	1.60
Dividend / Div Yld	\$0.00 / 0.0%
Industry	<a href="#">Computer - Software</a>
Zacks Industry Rank	Top 49% (125 out of 254)

## Sales and EPS Growth Rates (Y/Y %)



Last EPS Surprise	4.9%
Last Sales Surprise	1.3%
EPS F1 Est- 4 week change	-5.3%
Expected Report Date	08/25/2020
Earnings ESP	-5.2%

## Sales Estimates (millions of \$)

	Q1	Q2	Q3	Q4	Annual*
2022	1,052 E	1,114 E	1,173 E	1,233 E	4,465 E
2021	886 A	896 E	946 E	1,011 E	3,723 E
2020	736 A	797 A	843 A	899 A	3,274 A

## EPS Estimates

	Q1	Q2	Q3	Q4	Annual*
2022	\$1.25 E	\$1.39 E	\$1.55 E	\$1.70 E	\$5.82 E
2021	\$0.85 A	\$0.93 E	\$1.08 E	\$1.20 E	\$4.12 E
2020	\$0.45 A	\$0.65 A	\$0.78 A	\$0.92 A	\$2.79 A

\*Quarterly figures may not add up to annual.

P/E TTM	63.3
P/E F1	49.2
PEG F1	1.3
P/S TTM	13.0

The data in the charts and tables, including the Zacks Consensus EPS and Sales estimates, is as of 05/28/2020. The reports text is as of 05/29/2020.

## Overview

San Rafael, CA.-based Autodesk develops model-based design, engineering and documentation software and also offers consulting, support and training services. The company serves customers in architecture, engineering and construction; manufacturing; and digital media and entertainment industries.

Autodesk reported revenues of \$3.27 billion in fiscal 2020. Total maintenance and subscription revenues accounted for 94.8% of revenues, while the rest came from License and other.

Autodesk has four product families: Architecture, Engineering and Construction (AEC), Manufacturing (MFG), AutoCAD and AutoCAD LT (ACAD) and Media and Entertainment (M&E).

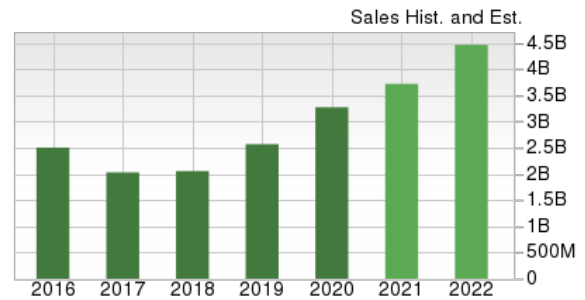
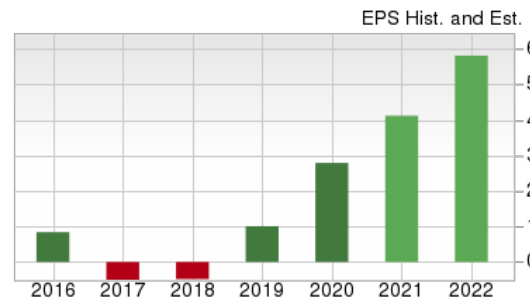
AEC solutions improve the way building, infrastructure, and industrial projects are designed, built, and operated. The product segment accounted for 42% of revenues in fiscal 2020.

MFG provides manufacturers in automotive, transportation, industrial machinery, consumer products and building product industries with comprehensive digital design, engineering, manufacturing and production solutions. The product line accounted for 22.1% of revenues.

ACAD comprises AutoCAD and AutoCAD LT. AutoCAD software is a customizable and extensible CAD application for professional design, drafting, detailing, and visualization. AutoCAD LT software is purpose built for professional drafting and detailing. The product line accounted for 28.9% of revenues.

Media and entertainment products provide tools for digital sculpting, modeling, animation, effects, rendering, and compositing for design visualization, visual effects and games production. The product segment accounted for 6.1% of revenues.

Geographically, Americas accounted for 41.5% of revenues in fourth-quarter fiscal 2020. Europe, Middle East, and Africa (EMEA) and Asia Pacific accounted for 40.6% and 40.1% of revenues, respectively.



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## Reasons To Buy:

- ▲ Autodesk's business transition from perpetual licenses to cloud-based services is expected to benefit it in the long run by boosting subscriptions and deferred revenues. Also, in order to influence customers to move from maintenance subscriptions to product subscription, management is offering discount, which is increasing subscription base. Moreover, growth in total ARR and annualized revenues per subscription (ARPS) is positive. Additionally, the company is gaining from robust performance of the Enterprise Business Agreement (EBA) program.
- ▲ We remain positive on Autodesk's long-term growth prospects as it is well positioned to capitalize on the rapid adoption of computer-aided designing and manufacturing through its comprehensive product portfolio. We believe that higher demand for the company's cloud-based products (BIM 360 cloud platform, Shotgun and Fusion Lifecycle), mobile products (AutoCAD 360) and design suites will drive top-line growth. Autodesk is also benefiting from its investment in digital infrastructure that includes its e-store. Moreover, the company remains focused on undertaking more cost-cutting initiatives as a part of its business transition. This is likely to boost profitability in the long haul.
- ▲ Autodesk's aggressive acquisition strategy has played a pivotal part in developing its business over the last couple of years. The company continues to expand its product portfolio through the acquisition of small start-ups that are easy to integrate into its own business line. Autodesk recently acquired PlanGrid in a bid to expand its presence in the construction space. The company also acquired BuildingConnected. The addition of BuildingConnected's bid management platform improves the company's visibility into new construction projects and bidding phase. We believe that Autodesk will continue to pursue strategic acquisitions in order to expand its cloud and mobile-based offerings over the long term.

Autodesk is expected to benefit from the increasing subscriptions revenues, robust demand for BIM 360 cloud platform offerings, acquisitions and solid balance sheet.

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## Reasons To Sell:

- ▼ Autodesk's top-line growth over the last couple of years has been negatively impacted by the ongoing business model transition. The continuing movement from perpetual licenses to cloud-based services as well as migration of maintenance plan customers to subscription plan offerings has hurt revenues and the trend is expected to continue in the near term.
- ▼ Higher spending (cost of revenues + operating expenses) continues to weigh on profitability. Although restructuring programs are corrective measures to realign cost, their success often depends on execution. Most importantly, we believe that there is a certain limit up to which costs can be curtailed, after which investments are needed to boost organic growth. However, the company's plan to continue to shift to mobile and cloud computing will increase investments. In the long term, we believe that restructuring programs will not be enough to boost earnings and the company will need to generate organic revenue growth in order to yield profits.
- ▼ Autodesk has significant product concentration. The company derives a significant portion of its revenues from AutoCAD and AutoCAD LT, which accounted for 28.9% of revenues in fiscal 2019 compared with 28.3% in fiscal 2019.

Autodesk's ongoing business model transition, higher spending, product concentration and foreign currency exposure are major headwinds.

## Last Earnings Report

### Autodesk Q1 Earnings Beat Estimates, Revenues Up Y/Y

Autodesk reported first-quarter fiscal 2021 non-GAAP earnings of 85 cents per share that beat the Zacks Consensus Estimate by 4.5%.

Moreover, the earnings figure increased 88.9% year over year driven by growth in subscription plan revenues, led by product subscription revenues.

Revenues of \$885.7 million beat the consensus mark by 1.2% and grew 20.4% year over year. At constant currency (cc), revenues were up 22%. The growth was driven by higher subscription revenues despite softness in software spending due to coronavirus outbreak.

Autodesk benefited from the ongoing transition to cloud. The company witnessed increased usage of its cloud collaboration products due to the remote working wave throughout the quarter.

#### Top-Line Details

Subscription revenues (90.7% of revenues) increased 34.8% year over year to \$803 million.

However, maintenance revenues (7% of revenues) slumped 414.6% to \$62.1 million. Moreover, other revenues (2.3% of revenues) decreased 25.6% to \$20.6 million in the reported quarter.

Recurring revenues represented 98% of Autodesk's first-quarter fiscal 2021 revenues. Net revenue retention rate was within 110% to 120%.

Geographically, revenues from the Americas (40.9% of revenues) increased 22.4% from the year-ago quarter to \$362.2 million. Europe, Middle East and Africa (EMEA) revenues (38.9% of revenues) increased 16% to \$344.8 million. Revenues from Asia-Pacific (20.2% of revenues) grew 25.4% to \$178.7 million.

In February, Autodesk witnessed rapid decline in usage in China, which, however, rebounded above pre-coronavirus levels by the end of March as businesses started reopening in the country.

Billings of \$884 million increased 11% year over year in the reported quarter.

#### Product-wise Top-line Details

Autodesk offers primarily four product families, Architecture, Engineering and Construction (AEC), AutoCAD and AutoCAD LT, Manufacturing (MFG), and Media and Entertainment (M&E).

AEC (43.2% of revenues) revenues increased 25.8% year over year to \$382.7 million. AutoCAD and AutoCAD LT (29.6% of revenues) revenues rose 23% to \$262.2 million. MFG (20.7% of revenues) revenues increased 9.2% to \$182.9 million.

Meanwhile, M&E (5.9% of revenues) increased 15.6% to \$52.6 million. Moreover, other revenues (0.6% of revenues) grew 6% to \$5.3 million.

Autodesk witnessed steady renewal rates during the reported quarter and in May. Partial renewal rates remained relatively steady as well.

#### Operating Results

Non-GAAP gross margin expanded 150 basis points (bps) from the year-ago quarter to 92.2%.

Research & development, marketing & sales and general & administrative expenses as a percentage of revenues declined 350 bps, 440 bps and 60 bps year over year, respectively.

As a result, non-GAAP operating expenses, as a percentage of revenues, contracted 850 bps from the year-ago quarter to 64.2%.

The lower operating expenses reflected disciplined cost management in the reported quarter. The company reduced travel and entertainment expense and monitored hiring rate and marketing spend amid the coronavirus lockdown.

Autodesk reported non-GAAP operating income of \$247.8 million compared with the year-ago quarter's figure of \$131.9 million.

#### Key Q1 Details

During the quarter, Autodesk announced free and extended access to cloud collaboration products including BIM 360 Docs, BIM 360 Design, Fusion 360, Fusion Team, AutoCAD Web and Mobile, and Shotgun for its customers. The company also launched COVID-19 Autodesk Resource Center as a measure to combat coronavirus.

The company collaborated with British supercar manufacturer Briggs Automotive Company (BAC) to apply generative design methods to the latter's design and manufacturing process.

Moreover, Autodesk announced BIM 360 Design, part of Autodesk Construction Cloud, an expanded global collaboration with a new Europe-based data center offering for primary storage of product data. Also, the company established a connection to collaborate for Plant 3D.

On Apr 14, Autodesk announced an alliance with Aurigo software to bolster construction technology offering for owners. The integration of Aurigo with Autodesk Construction Cloud will give owners a single end-to-end technology platform for design, planning, construction and operations of

Quarter Ending **04/2020**

Report Date	May 27, 2020
Sales Surprise	1.27%
EPS Surprise	4.94%
Quarterly EPS	0.85
Annual EPS (TTM)	3.20

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infrastructure and private assets.

### **Balance Sheet & Cash Flow**

As of Apr 30, 2020, Autodesk had cash and cash equivalents (including marketable securities) of \$1.46 billion compared with \$1.84 billion as of Jan 31, 2020.

Deferred revenues increased 40% to \$3.01 billion. Unbilled deferred revenues at the end of the fourth quarter were \$470 million.

Remaining performance obligations (RPO) totaled \$3.5 billion, up 27%. Current RPO totaled \$2.4 billion, up 18%.

The company repurchased shares worth \$189 million. Cash flow from operating activities was \$327 million, compared with \$698 million posted in the previous quarter. Free cash flow was \$307 million, compared with the previous quarter's figure of \$684 million.

### **Guidance**

For second-quarter fiscal 2021, Autodesk expects revenues between \$890 million and \$905 million. The Zacks Consensus Estimate for revenues is pegged at \$917.4 million, indicating growth of 15.1% from the figure reported in the year-ago quarter.

Autodesk expects new business activity in the second quarter to be most impacted by the pandemic. The company remains cautious on new business closure rates. Moreover, it expects a decline in renewal rates in the second quarter.

Non-GAAP earnings are anticipated to be in the range of 86-92 cents per share. The consensus mark for earnings is pegged at 98 cents, indicating 50.8% growth from the figure reported in the year-ago quarter.

For fiscal 2021, Autodesk expects revenues between \$3.67 billion and \$3.77 billion, indicating growth in the range of 12-15% year over year. The Zacks Consensus Estimate for revenues is pegged at \$3.79 billion.

Billings are projected to be \$4.07-\$4.22 billion, implying a decline of 3% to growth of 1% year over year.

Further, net revenue retention rate is expected to remain above 100% but below the current range of 110%-120% for the rest of the year.

Non-GAAP earnings are expected between \$3.52 and \$3.90 per share. The consensus mark for earnings is pegged at \$4.17 per share.

Free cash flow is expected between \$1.3 billion and \$1.4 billion.

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## Recent News

On May 27, Autodesk announced new integration capabilities for Autodesk Construction Cloud with the release of a new integration platform Autodesk Construction Cloud Connect and an expansion of its partner ecosystem. Autodesk added new APIs, enabling custom connections for BIM 360 and PlanGrid, and 15 new native integrations and bringing the total number of direct integrations in the Autodesk Construction Cloud ecosystem up to more than 140.

On May 19, Autodesk announced the early release of the BIM 360 Assets module within Autodesk Construction Cloud. The BIM 360 Assets module enables construction teams to track and manage project assets through the entire building lifecycle — from design through handover — from one centralized location.

On Apr 14, Autodesk announced an alliance with Aurigo software to bolster construction technology offering for owners. The integration of Aurigo with Autodesk Construction Cloud will give owners a single end-to-end technology platform for design, planning, construction and operations of infrastructure and private assets.

On Apr 8, Autodesk announced BIM 360 Design, part of Autodesk Construction Cloud, expanded global collaboration with a new Europe-based data center offering for primary storage of product data. Also, the company established a connection to collaboration for Plant 3D.

On Mar 26, Autodesk announced free and extended access to cloud collaboration products including BIM 360 Docs, BIM 360 Design, Fusion 360, Fusion Team, AutoCAD Web and Mobile, and Shotgun for its customers. The company also launched COVID-19 Autodesk Resource Center as a measure to combat coronavirus.

On Mar 3, Autodesk announced collaboration with British supercar manufacturer Briggs Automotive Company (BAC) to apply generative design methods to the latter's design and manufacturing process.

On Feb 10, Autodesk signed a letter of intent with European construction service provider, STRABAG to strengthen cooperation and drive digitization within the construction industry in Europe.

## Valuation

Autodesk shares are up 10.5% in the year-to-date period and 24.6% over the trailing 12-month period. Stocks in the Zacks sub-industry and the Zacks Computer & Technology sector are up 10.6% and 3% in the year-to-date period, respectively. Over the past year, the Zacks sub-industry and the sector are up 27.8% and 20.6%, respectively.

The S&P 500 index is down 5.9% in the year-to-date period while up 8.4% in the past year.

The stock is currently trading at 10.89X forward 12-month sales, which compares to 7.31X for the Zacks sub-industry, 3.67X for the Zacks sector and 3.42X for the S&P 500 index.

Over the past five years, the stock has traded as high as 13.83X and as low as 4.16X, with a 5-year median of 9.42X. Our Neutral recommendation indicates that the stock will perform in-line with the market. Our \$213 price target reflects 11.43X forward 12-month sales.

The table below shows summary valuation data for ADSK

Valuation Multiples - ADSK					
		Stock	Sub-Industry	Sector	S&P 500
P/S F12M	Current	10.89	7.31	3.67	3.42
	5-Year High	13.83	7.31	3.67	3.44
	5-Year Low	4.16	3.88	2.32	2.53
	5-Year Median	9.42	5.51	3.1	3.01
EV/Sales TTM	Current	13.16	7.46	4.15	2.96
	5-Year High	15.53	8.11	4.43	3.46
	5-Year Low	3.5	3.19	2.59	2.14
	5-Year Median	11.63	5.71	3.58	2.82

As of 05/28/2020

## Industry Analysis Zacks Industry Rank: Top 49% (125 out of 254)



## Top Peers

Company (Ticker)	Rec	Rank
Apple Inc. (AAPL)	Neutral	2
Adobe Systems Incorporated (ADBE)	Neutral	3
ANSYS, Inc. (ANSS)	Neutral	4
Avid Technology, Inc. (AVID)	Neutral	4
Cadence Design Systems, Inc. (CDNS)	Neutral	3
Oracle Corporation (ORCL)	Neutral	3
PTC Inc. (PTC)	Neutral	2
Trimble Inc. (TRMB)	Neutral	3

Industry Comparison Industry: Computer - Software				Industry Peers		
	ADSK	X Industry	S&P 500	ANSS	AVID	PTC
Zacks Recommendation (Long Term)	Neutral	-	-	Neutral	Neutral	Neutral
Zacks Rank (Short Term)	3	-	-	4	4	2
VGM Score	C	-	-	F	F	A
Market Cap	44.41 B	2.00 B	21.49 B	23.55 B	277.92 M	8.67 B
# of Analysts	10	4	14	6	2	7
Dividend Yield	0.00%	0.00%	1.98%	0.00%	0.00%	0.00%
Value Score	D	-	-	F	C	B
Cash/Price	0.04	0.09	0.06	0.03	0.32	0.11
EV/EBITDA	94.85	18.86	12.50	38.61	10.35	64.63
PEG Ratio	1.29	2.47	2.87	NA	NA	1.00
Price/Book (P/B)	NA	5.57	2.95	7.18	NA	6.79
Price/Cash Flow (P/CF)	96.46	22.15	11.81	41.94	9.27	46.40
P/E (F1)	49.16	31.51	21.33	46.03	18.17	32.46
Price/Sales (P/S)	12.97	4.74	2.28	15.66	0.70	6.31
Earnings Yield	2.03%	3.05%	4.50%	2.17%	5.50%	3.08%
Debt/Equity	-14.65	0.16	0.76	0.16	-1.54	1.04
Cash Flow (\$/share)	2.10	1.18	6.96	6.56	0.69	1.61
Growth Score	A	-	-	D	F	B
Hist. EPS Growth (3-5 yrs)	NA%	9.72%	10.87%	14.49%	-46.33%	-2.79%
Proj. EPS Growth (F1/F0)	47.78%	-5.25%	-10.48%	-9.17%	-31.37%	40.68%
Curr. Cash Flow Growth	280.74%	8.84%	5.39%	8.84%	12.92%	-3.70%
Hist. Cash Flow Growth (3-5 yrs)	8.91%	8.71%	8.55%	7.79%	-13.66%	-9.76%
Current Ratio	0.79	1.47	1.29	2.40	1.06	1.13
Debt/Capital	NA%	23.05%	44.54%	13.88%	NA	50.87%
Net Margin	8.91%	7.18%	10.59%	27.34%	0.50%	4.67%
Return on Equity	-230.16%	11.53%	16.26%	13.73%	-6.30%	15.35%
Sales/Assets	0.63	0.63	0.55	0.37	1.36	0.44
Proj. Sales Growth (F1/F0)	14.26%	1.82%	-2.53%	4.28%	-12.48%	8.46%
Momentum Score	D	-	-	B	F	B
Daily Price Chg	1.41%	0.00%	-0.65%	2.15%	-1.40%	-0.05%
1 Week Price Chg	8.33%	3.77%	4.99%	6.28%	16.93%	8.02%
4 Week Price Chg	8.28%	7.76%	4.28%	5.07%	-9.40%	8.16%
12 Week Price Chg	10.10%	7.83%	-3.05%	10.90%	-10.55%	7.88%
52 Week Price Chg	24.60%	4.95%	0.01%	52.25%	-19.19%	-12.34%
20 Day Average Volume	1,392,938	139,769	2,425,602	493,564	826,466	707,835
(F1) EPS Est 1 week change	-4.35%	0.00%	0.00%	0.00%	0.00%	0.00%
(F1) EPS Est 4 week change	-5.33%	-1.73%	-1.70%	-4.60%	-74.24%	17.23%
(F1) EPS Est 12 week change	-10.86%	-8.46%	-16.00%	-9.35%	-71.90%	3.06%
(Q1) EPS Est Mthly Chg	-9.09%	-0.70%	-3.25%	-22.03%	-166.67%	23.99%



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## Zacks Stock Rating System

We offer two rating systems that take into account investors' holding horizons: Zacks Rank and Zacks Recommendation. Each provides valuable insights into the future profitability of the stock and can be used separately or in combination with each other depending on your investment style.

### Zacks Recommendation

The Zacks Recommendation aims to predict performance over the next 6 to 12 months. The foundation for the quantitatively determined Zacks Recommendation is trends in the company's estimate revisions and earnings outlook. The Zacks Recommendation is broken down into 3 Levels; Outperform, Neutral and Underperform. Unlike many Wall Street firms, we have an excellent balance between the number of Outperform and Neutral recommendations. Our team of 70 analysts are fully versed in the benefits of earnings estimate revisions and how that is harnessed through the Zacks quantitative rating system. But we have given our analysts the ability to override the Zacks Recommendation for the 1200 stocks that they follow. The reason for the analyst over-rides is that there are often factors such as valuation, industry conditions and management effectiveness that a trained investment professional can spot better than a quantitative model.

### Zacks Rank

The Zacks Rank is our short-term rating system that is most effective over the one- to three-month holding horizon. The underlying driver for the quantitatively-determined Zacks Rank is the same as the Zacks Recommendation, and reflects trends in earnings estimate revisions.

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### Zacks Style Scores

The Zacks Style Score is as a complementary indicator to the Zacks rating system, giving investors a way to focus on the highest rated stocks that best fit their own stock picking preferences.

Academic research has proven that stocks with the best Value, Growth and Momentum characteristics outperform the market. The Zacks Style Scores rate stocks on each of these individual styles and assigns a rating of A, B, C, D and F. We also produce the VGM Score (V for Value, G for Growth and M for Momentum), which combines the weighted average of the individual Style Scores into one score. This is perfectly suited for those who want their stocks to have the best scores across the board.

Value Score	D
Growth Score	A
Momentum Score	D
VGM Score	C

As an investor, you want to buy stocks with the highest probability of success. That means buying stocks with a Zacks Recommendation of Outperform, which also has a Style Score of an A or a B.

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### Disclosures

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