

Bed Bath & Beyond Inc. (BBBY)

\$5.44 (As of 03/17/20)

Price Target (6-12 Months): \$4.50

Lang Tarres C 40 Mantha	Zaaka Dasammandatian.	l la de un enferme
Long Term: 6-12 Months	Zacks Recommendation:	Underperform
	(Since: 01/10/20)	
	Prior Recommendation: Neutra	al
Short Term: 1-3 Months	Zacks Rank: (1-5)	4-Sell
		\(\lambda I \text{ I \te
	Zacks Style Scores:	VGM:B

Summary

Shares of Bed Bath & Beyond have declined and underperformed the industry in the past three months. The stock is witnessing soft trends since the company posted soft comparable sales and gross margin for the first two months of fourth-quarter fiscal 2019 on Feb 11. Management stated that the company is facing short-term hurdles in its efforts to stabilize the business. Notably, it is witnessing soft store traffic trends, along with challenges in execution. Nevertheless, Bed Bath & Beyond's transformation initiatives are well underway to deliver growth in the long term. Further, the company's \$1-billion capital allocation plan based on recent transactions supports its strategic business plan. The company is also likely to reduce annual SG&A expense through 500 job cuts under its restructuring plan.

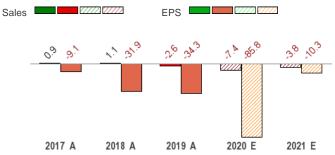
Price, Consensus & Surprise



Data Overview

52 Week High-Low	\$19.57 - \$5.03
20 Day Average Volume (sh)	11,513,896
Market Cap	\$690.7 M
YTD Price Change	-68.6%
Beta	1.55
Dividend / Div Yld	\$0.68 / 12.5%
Industry	Retail - Miscellaneous
Zacks Industry Rank	Top 18% (46 out of 253)

Sales and EPS Growth Rates (Y/Y %)



Last EPS Surprise -1,366.7% Last Sales Surprise -3.2% EPS F1 Est- 4 week change -40.2% Expected Report Date 04/15/2020 Earnings ESP 12.5%

P/E TTM	4.3
P/E F1	20.9
PEG F1	20.9
P/S TTM	0.1

Sales Estimates (millions of \$)

	Q1	Q2	Q3	Q4	Annual*
2021	2,388 E	2,557 E	2,680 E	3,015 E	10,711 E
2020	2,573 A	2,719 A	2,759 A	3,085 E	11,139 E
2019	2,754 A	2,935 A	3,032 A	3,308 A	12,029 A

EPS Estimates

	Q1	Q2	Q3	Q4	Annual*
2021	-\$0.24 E	\$0.02 E	-\$0.24 E	\$0.75 E	\$0.26 E
2020	\$0.12 A	\$0.34 A	-\$0.38 A	\$0.21 E	\$0.29 E
2019	\$0.32 A	\$0.36 A	\$0.18 A	\$1.20 A	\$2.05 A

*Quarterly figures may not add up to annual.

The data in the charts and tables, including the Zacks Consensus EPS and Sales estimates, is as of 03/17/2020. The reports text is as of 03/18/2020.

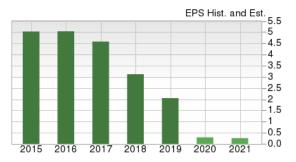
Overview

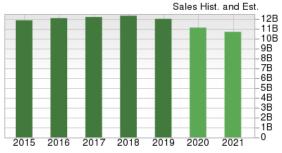
Bed Bath & Beyond Inc. is a leading operator of specialty retail stores in the United States and Canada. It is an omni-channel retailer, offering top-quality and differentiated products, services and solutions.

The company sells a variety of domestic merchandise and home furnishings under the names Bed Bath & Beyond ("BBB"), Christmas Tree Shops, Christmas Tree Shops andThat! or andThat! ("CTS"), Harmon, Harmon Face Values, or Face Values ("Harmon"), buybuy BABY ("Baby") and World Market, Cost Plus World Market or Cost Plus (collectively, "Cost Plus World Market").

The company provides a wide assortment of "everyday low price" products, primarily including domestic merchandise (such as bed linens, bath accessories, and kitchen textiles) and home furnishings (such as cookware, dinnerware, glassware and basic house ware). Bed Bath's product portfolio also includes food, giftware, health and beauty care items, along with infant and toddler merchandise. Notably, Bed Bath & Beyond's products can be bought either in-store, online, or via a customer contact center.

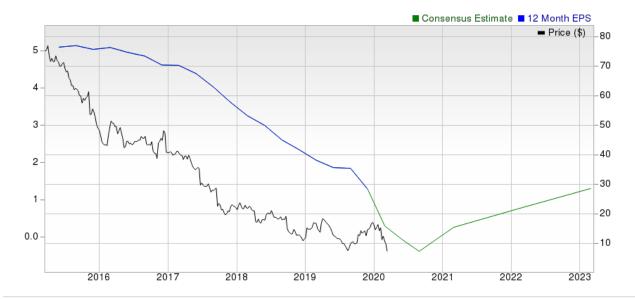
Additionally, the company operates an e-commerce website, featuring specially commissioned, limited edition items from emerging fashion and home designers such as OneKings Lane; PersonalizationMall.com("PMall"); Chef Central, a retailer of kitchenware and homeware items; and Decorist, an online interior





design platform providing personalized home design services. It also operates Linen Holdings, a provider of various textile products and other goods to institutional consumers in the hospitality, cruise line, healthcare and other industries.

As of Nov 30, 2019, the company had 1,524 stores in operation, comprising 981 namesake stores across 50 states, the District of Columbia, Puerto Rico and Canada; 278 stores under the labels World Market, Cost Plus World Market or Cost Plus; 126 buybuy BABY stores; 81 stores under the labels Christmas Tree Shops, Christmas Tree Shops and That! or andThat!; 55 stores under Harmon, Harmon Face Values or Face Values names; and three stores under the label One Kings Lane. Additionally, the company's joint venture operates 10 flagship stores in Mexico.



Reasons To Sell:

▼ Soft Fourth Quarter Performance Update, Stock Down: Shares of Bed Bath & Beyond have slumped 68.4% in the past three months against the industry's decline of 39.3%. The stock is witnessing soft trends since the company posted soft financial numbers for the first two months of fourth-quarter fiscal 2019. Management stated that the company is facing short-term hurdles in its efforts to stabilize the business. The company reported comparable sales decline of 5.4% for the first two months. Comparable sales decreased around 11% (on a directional basis) from stores.

Bed Bath & Beyond has been witnessing soft comps for a while now due to decline in the number of store transactions. Also, dismal comps trend is hurting the company's top-line performance.

Gross margin for the aforesaid period decreased 300 basis points (bps) owing to lower merchandise margin due to increased promotions. Additionally, the company's gross margin

was hurt by increased proportion of digital sales within its total sales mix. Adjusted SG&A, as a percentage of net sales, rose 190 bps due to increased fixed cost like occupancy and technology-related expenses, on lower sales. Moreover, higher advertising and consulting expense contributed to the increase.

▼ Weak Comps Trend: Bed Bath & Beyond has been witnessing soft comparable sales (comps) for a while due to decline in the number of store transactions. This trend was again reflected in the company's recent update for the first two months of fourth-quarter, wherein comps remained soft. Comparable sales decline in the first two months reflected a low double-digit percentage decline in transactions in stores, partly countered by a mid-single-digit percentage rise in the average transaction amount. The decline can be attributed to soft store traffic, issues related to inventory management and higher promotional activity and markdowns.

The company's comparable sales also include the shift of the Cyber Monday holiday week into the fiscal fourth quarter of 2019, compared with fiscal third quarter in the last year. Adjusting for this shift in both periods, comparable sales declined 13% for the first two months of the fiscal fourth quarter. The comps decline in fiscal third quarter was wider than fall of 6.7% and 6.6% in the preceding two quarters of fiscal 2019.

- ▼ Currency Woes: Owing to its exposure to international markets, Bed Bath & Beyond faces various risks associated with international operations, including legal and regulatory hurdles, changing global fashion trends and unfavorable currency fluctuations. Hence, persistence of these headwinds is likely to weigh on the company's results.
- ▼ Seasonal Risks: Bed Bath & Beyond's business is seasonal in nature and typically generates stronger results in the second and fourth quarters. As a result, the company is exposed to significant risks if the seasons fail to deliver favorably.

Risks

• Transformation Plan Drives Optimism: Bed Bath & Beyond remains well on track with its transformation plan, positioning itself well for success in a dynamic retail landscape. As part of these efforts, the company has been reviewing the retail space and owned real estate portfolio to optimize asset base. Recently, the company agreed to sell its PersonalizationMall.com business to 1-800-Flowers.com for \$252 million. The sale of the online gifting business is part of its ongoing business transformation strategy, which is aimed at the simplification of business portfolio to improve focus on the core Home, Baby and Beauty businesses. With the sale, the company expects to free up capital and invest in ways to re-establish its position in the home-furnishings category. Earlier, it haad completed the sale-leaseback transaction with an affiliate of Oak Street Real Estate Capital, garnering net proceeds of more than \$250 million. The deal included roughly 2.1 million square feet of commercial space with a distribution facility, corporate office in New Jersey and retail outlets.

Moreover, management has set four major near-term priorities – stabilize and boost top-line growth; reset the cost structure; review and optimize its asset base with its portfolio of retail banners as well as refine the organization structure. It expects to boost revenue growth by focusing on portfolio strategy alignment including product assortment, customer engagement, learnings from Next Generation Lab stores and expanded online experience. Margins are likely to improve through changes in assortment mix to increase sales, supply chain, and modifications in pricing and coupon strategy. Improvements in store labor model, marketing initiatives and lower occupancy expenses are expected to optimize SG&A. Furthermore, the company will focus on spending in human capital, data, process improvements, repositioning its flagship brand and reinforcing the global sourcing capabilities.

- Restructuring Program: As part of its efforts to rebuild its business foundation and create a durable business model, Bed Bath & Beyond announced a strategic restructuring program. The program comprises efforts to reorganize and simplify field operations, reduce management positions and outsource several functions. Consequently, the company revealed plans to cut nearly 500 positions to reduce workforce. This is a key step in its efforts to generate significant cost savings in the long term. The company expects this action to result in nearly \$85 million of reduction in annual SG&A expenses. This will in turn result in strategic realignment for improved focus on core business and initiatives to enhance customer experience, boost sales and drive long term success. Moreover, the company expects to incur about \$26 million of pre-tax charges related to the restructuring plan. This will primarily comprise of severance and related costs, which will be expensed in fourth-quarter fiscal 2019.
- Capital Allocation Plan: Based on the capital unlocked from the sale of gifting business proceeds from the sale-leaseback transaction and expected cash flow generation, Bed Bath & Beyond provided its capital allocation strategy for fiscal 2020. The new capital plan includes spending of about \$1 billion for shareholders' returns, debt reduction and reinvestment in its core operations. It plans to take a balanced approach to use available capital for boosting shareholder value, improving in-store and online experience, and achieving long-term sustainable growth. Under the strategy, Bed Bath & Beyond plans to use up to \$600 million for shareholder returns through dividend payouts and share buybacks, and reducing debt. Currently, the company has \$1.2 billion available under its \$2.5-billion share repurchase program. Moreover, it expects to incur capital expenditure of \$350-\$400 million for the period, including investments in stores, IT and digital projects, and supply-chain infrastructure.

Furthermore, the company's capital allocation plan supports its strategic business plan. As a result, it anticipates delivering SG&A savings in the near term along with savings in cost of goods sold in the longer term, driven by the implementation of owned-brand strategies, renegotiation of sourcing agreements and further optimization of its supply chain.

Last Earnings Report

Bed Bath & Beyond Reports Q3 Loss, Misses Sales

Bed Bath & Beyond reported dismal third-quarter fiscal 2019 results, wherein the company incurred a loss. Moreover, the top line lagged the Zacks Consensus Estimate and declined on a year-over-year basis.

Results were mainly hurt by the calendar shift of the Thanksgiving holiday in 2019. Apart from this, the company's business was challenged with certain self-inflicted issues such as noncompetitive pricing and dearth of convenient shopping choices. Management stated that sales and profitability are likely to be under pressure in fiscal fourth quarter.

Quarter Ending	11/2019
Report Date	Jan 08, 2020
Sales Surprise	-3.17%
EPS Surprise	-1,366.67%
Quarterly EPS	-0.38
Annual EPS (TTM)	1.28

Q3 in Detail

Bed Bath & Beyond reported adjusted loss of 38 cents per share in fiscal third quarter, against the Zacks Consensus Estimate of an earnings of 3 cents. Also, the reported figure compared unfavorably with adjusted earnings of 2 cents in the year-ago quarter.

Net sales fell nearly 9% to \$2,759.3 million and lagged the Zacks Consensus Estimate of \$2,859 million. The downside was caused by comparable sales (comps) decline of 8.3%. Comps fell due to lower store transactions, somewhat offset by a rise in the average transaction amount. In fact, comps in stores fell in high single-digit percentage range, while the metric at the company's digital channel fell in mid-single digit percentage range.

Notably, quarterly sales were significantly hurt by calendar shift of the Thanksgiving holiday, which fell short of one week compared with the year-ago period. Adjusting for this shift, including Thanksgiving and Cyber Monday weeks, comps fell 3.6% in the reported quarter. The decline of 3.6% resulted from a fall of 6.5% in store sales, somewhat offset by a rise of 9.4% in digital sales.

Nevertheless, comps on a shifted basis increased 7.1% during the five-day shopping period from Thanksgiving to Cyber Monday.

Further, gross profit declined nearly 9% to \$913.8 million in the reported quarter. Also, adjusted gross margin contracted 80 basis points (bps) to 32.3%, mainly driven by lower merchandise margins on increased promotional activity and partly offset by a decline in net direct to customer shipping expense.

Adjusted SG&A expenses dropped 2.3% to \$931.8 million, driven by gains from its cost structure and optimization efforts. As a percentage of net sales, SG&A increased 140 bps to 33.8% mainly owing to higher occupancy, advertising and technology-related costs. Further, the company incurred operating loss of \$29.8 million against income of \$49.5 million in the year-ago quarter.

Financial Position

Bed Bath & Beyond ended fiscal third quarter with cash and investments of roughly \$920 million. Long-term debt totaled \$1,488.3 million and total shareholders' equity came in at \$1,848.2 million as of Nov 30, 2019.

At the end of first nine months of fiscal 2019, the company generated cash flow of about \$257.1 million from operating activities and deployed nearly \$188.4 million toward capital expenditures.

For fiscal 2019, capital expenditures are anticipated between \$275 million and \$300 million compared with \$350-\$375 million expected earlier.

Share Buyback & Dividend

In the reported quarter, Bed Bath & Beyond repurchased stock worth nearly \$1.2 million, reflecting about 87,000 shares.

Additionally, the company's board declared a quarterly dividend of 17 cents per share, payable Apr 14, 2020, to its shareholders of record as on Mar 13.

Store Update

In third-quarter fiscal 2019, Bed Bath & Beyond inaugurated four stores — one namesake, two Cost Plus World Market and one One Kings Lane stores. Simultaneously, it closed 14 outlets, including 13 namesake and one Cost Plus World Market stores.

As of Nov 30, 2019, the company had 1,524 stores in operation, comprising 981 namesake stores across 50 states, the District of Columbia, Puerto Rico and Canada; 278 stores under the labels World Market, Cost Plus World Market or Cost Plus; 126 buybuy BABY stores; 81 stores under the labels Christmas Tree Shops, Christmas Tree Shops andThat! or andThat!; 55 stores under Harmon, Harmon Face Values or Face Values names; and three stores under the label One Kings Lane.

Additionally, the company's joint venture operates 10 flagship stores in Mexico.

During the current fiscal year, the company is on track to open nearly 10 total stores, including two flagship outlets.

Recent News

Bed Bath & Beyond Unveils Restructuring Plan - Feb 28, 2020

As part of its efforts to rebuild its business foundation and create a durable business model, Bed Bath & Beyond announced a strategic restructuring program. The program comprises efforts to reorganize and simplify field operations, reduce management positions and outsource several functions. Consequently, the company revealed plans to cut nearly 500 positions to reduce workforce. This is a key step in its efforts to generate significant cost savings in the long term.

The company expects the restructuring program to result in nearly \$85 million of reduction in annual SG&A expenses. This will in turn result in strategic realignment for improved focus on core business and initiatives to enhance customer experience, boost sales and drive long term success.

Moreover, the company expects to incur about \$26 million of pre-tax charges related to the restructuring plan. This will primarily comprise of severance and related costs, which will be expensed in fourth-quarter fiscal 2019.

Bed Bath & Beyond to Sell Online Gift Unit, Gives Capital Plan - Feb 18, 2020

Bed Bath & Beyond announced an agreement to sell its online gifting business and outlaid a \$1-billion capital plan based on recent transactions. The company agreed to sell its PersonalizationMall.com business to 1-800-Flowers.com Inc for \$252 million. The sale will include the PersonalizationMall.com website along with its modern 360,000 square feet production and distribution facility in Bollingbrook, IL.

The sale of the online gifting business is part of Bed Bath & Beyond's ongoing business transformation strategy, which is aimed at the simplification of its business portfolio to improve focus on the core Home, Baby and Beauty businesses. With the sale, the company expects to free up capital and invest in ways to re-establish its position in the home-furnishings category.

It expects to close the transaction in the first quarter of fiscal 2020, subject to regulatory approvals. Following the closure, PersonalizationMall.com will continue to provide personalization and product services to Bed Bath & Beyond, and buybuy BABY.

Based on the capital unlocked from the above transaction and other recent actions, the company also provided its capital allocation strategy for fiscal 2020. The new capital plan includes spending of about \$1 billion for shareholders' returns, debt reduction and reinvestment in its core operations. The company noted that its cash position will be boosted by the aforementioned sale of PersonalizationMall.com, proceeds from the sale-leaseback transaction announced in January 2020, and expected cash flow generation.

The company plans to take a balanced approach to use available capital for boosting shareholder value, improving in-store and online experience, and achieving long-term sustainable growth.

Under the strategy, Bed Bath & Beyond plans to use up to \$600 million for shareholder returns through dividend payouts and share buybacks, and reducing debt. Currently, the company has \$1.2 billion available under its \$2.5-billion share repurchase program. Moreover, it expects to incur capital expenditure of \$350-\$400 million for the period, including investments in stores, IT and digital projects, and supply-chain infrastructure.

Furthermore, the company's capital allocation plan supports its strategic business plan. As a result, it anticipates delivering SG&A savings in the near term along with savings in cost of goods sold in the longer term, driven by the implementation of owned-brand strategies, re-negotiation of sourcing agreements and further optimization of its supply chain.

Bed Bath & Beyond Provides Update on Q4 Performance – Feb 11, 2020

Bed Bath & Beyond provided financial numbers for December and January - the first two months of fourth-quarter fiscal 2019. The company reported comparable sales decline of 5.4% for the first two months. Comparable sales decreased around 11% (on a directional basis) from stores. Meanwhile, comparable sales improved 20% in the digital business. The company's comparable sales also reflect gains from shift of the Cyber Monday holiday week into the fiscal fourth quarter of 2019, compared with fiscal third quarter in the last year. Adjusting for this shift in both periods, comparable sales declined 13% for the first two months of the fiscal fourth quarter.

Gross margin for the aforesaid period decreased 300 basis points (bps) owing to lower merchandise margin due to increased promotions. Additionally, the company's gross margin was hurt by increased proportion of digital sales within its total sales mix.

Bed Bath & Beyond Sale-Leaseback Deal to Enhance Capital – Jan 6, 2020

Bed Bath & Beyond has completed the sale-leaseback transaction with an affiliate of Oak Street Real Estate Capital, garnering net proceeds of more than \$250 million. The deal includes roughly 2.1 million square feet of commercial space with a distribution facility, office space and retail outlets. Management notified that it will continue to occupy the aforesaid space through long-term leases.

Notably, Bed Bath & Beyond will reinvest these proceeds in its core business and ongoing transformation efforts. Also, the proceeds will enable the company to make share repurchases and reduce outstanding debt. Per the company, the completion of this transaction marks the first step toward generating valuable capital in its business. This will facilitate Bed bath & Beyond to capitalize on its plans to strengthen organization and make it more efficient. This will enhance revenues, stabilize finances and boost shareholder's value.

Valuation

Bed Bath & Beyond shares are down 68.6% in the year-to-date period and 61.1% for the trailing 12-month period. Stocks in the Zacks sub-industry and the Zacks Retail-Wholesale sector are down 40.6% and 15.9%, respectively, in the year-to-date period. Over the past year, the Zacks sub-industry and the sector are down 47.8% and 8.3%, respectively.

The S&P 500 index is down 25.9% in the year-to-date period and 16.6% in the past year.

The stock is currently trading at 19.17X forward 12-month earnings, which compares to 9.3X for the Zacks sub-industry, 20.96X for the Zacks sector and 14.79X for the S&P 500 index.

Over the past five years, the stock has traded as high as 49.65X and as low as 3.72X, with a 5-year median of 8.56X. Our Underperform recommendation indicates that the stock will perform worse than the market. Our \$4.50 price target reflects 15.86X forward 12-month earnings.

The table below shows summary valuation data for BBBY

Valuation Multiples - BBBY					
		Stock	Sub-Industry	Sector	S&P 500
	Current	19.17	9.3	20.96	14.79
P/E F12M	5-Year High	49.65	20.24	26.2	19.34
	5-Year Low	3.72	9.3	19.07	14.79
	5-Year Median	8.56	16.08	23.01	17.42
	Current	0.06	0.65	0.86	2.71
P/S F12M	5-Year High	1.09	1.36	1.11	3.43
	5-Year Low	0.06	0.65	0.8	2.54
	5-Year Median	0.32	1.15	0.92	3
	Current	2.58	10.5	13.14	9.35
EV/EBITDA TTM	5-Year High	8.36	17.71	16.23	12.88
	5-Year Low	1.86	10.39	10.82	8.31
	5-Year Median	3.73	15.14	12.49	10.78

As of 03/17/2020

Industry Analysis Zacks Industry Rank: Top 18% (46 out of 253)

■ Industry Price 320 - Industry ■ Price -80 300 -70 280 -60 260 -50 240 40 220 30 200 180 -20 160 140 2016 2017 2018 2019 2020

Top Peers

DICKS Sporting Goods, Inc. (DKS)	Outperform
Zumiez Inc. (ZUMZ)	Outperform
Burlington Stores, Inc. (BURL)	Neutral
Five Below, Inc. (FIVE)	Neutral
Genesco Inc. (GCO)	Neutral
Hibbett Sports, Inc. (HIBB)	Neutral
The Michaels Companies, Inc. (MIK)	Neutral
Tractor Supply Company (TSCO)	Neutral

Industry Comparison Industry: Retail - Miscellaneous			Industry Peers			
	BBBY Underperform	X Industry	S&P 500	DKS Outperform	MIK Neutral	TSCO Neutra
VGM Score	В	-	-	А	Α	Α
Market Cap	690.67 M	690.67 M	17.72 B	1.63 B	330.27 M	8.19 E
# of Analysts	9	3.5	13	10	5	13
Dividend Yield	12.50%	0.00%	2.51%	5.91%	0.00%	1.98%
Value Score	A	-	-	Α	Α	В
Cash/Price	0.97	0.16	0.06	0.03	0.30	0.01
EV/EBITDA	3.98	6.25	10.97	6.10	6.16	11.18
PEG Ratio	20.62	0.89	1.54	0.83	0.19	1.21
Price/Book (P/B)	0.37	0.88	2.39	0.94	NA	5.28
Price/Cash Flow (P/CF)	0.64	3.79	9.36	2.73	0.67	10.88
P/E (F1)	20.62	6.05	13.98	4.85	1.04	13.95
Price/Sales (P/S)	0.06	0.19	1.87	0.19	0.07	0.98
Earnings Yield	4.78%	16.54%	7.13%	20.65%	96.00%	7.17%
Debt/Equity	1.75	1.28	0.70	1.55	-2.47	1.53
Cash Flow (\$/share)	8.51	3.34	7.01	6.82	3.35	6.49
Growth Score	D	-	-	Α	С	Α
Hist. EPS Growth (3-5 yrs)	-23.86%	10.30%	10.85%	4.17%	11.36%	11.81%
Proj. EPS Growth (F1/F0)	-12.12%	7.41%	5.38%	3.98%	2.46%	8.10%
Curr. Cash Flow Growth	50.18%	8.16%	6.15%	6.36%	0.85%	7.18%
Hist. Cash Flow Growth (3-5		5.50%	8.55%	2.61%	8.72%	9.40%
yrs)	-1.95%	1.42	1.24	1.16	1.19	1.43
Current Ratio	1.41	57.36%	42.57%	60.73%	NA	60.48%
Debt/Capital	63.67%	3.40%	11.57%	3.40%	5.37%	6.73%
Net Margin	-7.06%	11.33%	16.74%	18.72%	-20.21%	37.09%
Return on Equity	8.09%	1.44	0.54	1.27	1.35	1.56
Sales/Assets	1.49	1.58%	3.33%	1.58%	2.07%	5.64%
Proj. Sales Growth (F1/F0)	-3.84%		_	Α	С	В
Momentum Score	C	-0.24%	5.62%	-12.22%	-15.41%	4.78%
Daily Price Chg	-10.67%	-19.34%	-11.01%	-23.04%	-13.41%	-16.69%
1 Week Price Chg	-25.54%	-32.89%	-28.54%	-23.04 <i>%</i> -57.20%	-54.08%	-10.09%
4 Week Price Chg	-53.82%	-38.81%	-25.74%	-60.82%	-62.31%	-24.56%
12 Week Price Chg	-68.52%	-49.29%	-18.88%	-47.28%	-82.41%	-24.50%
52 Week Price Chg	-61.06%	352,161	3,651,283	2,862,754	5,175,070	2,072,145
20 Day Average Volume	11,513,896	0.00%	0.00%	0.47%	-0.71%	-0.02%
(F1) EPS Est 1 week change	0.00%	-0.47%	-0.58%	0.47%	-0.71%	-0.02%
(F1) EPS Est 4 week change	-40.23%	-0.47%	-0.58%	1.81%	-2.88% -7.13%	-0.02%
(F1) EPS Est 12 week change	-87.10%	-3.73%	-0.77%	1.81%	-7.13% -4.09%	-3.86%
(Q1) EPS Est Mthly Chg	-19.00%	-0.2070	-0.11/0	12.0470	-4.0370	0.0176

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	Α
Growth Score	D
Momentum Score	C
VGM Score	В

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.

Disclosures

This report contains independent commentary to be used for informational purposes only. The analysts contributing to this report do not hold any shares of this stock. The analysts contributing to this report do not serve on the board of the company that issued this stock. The EPS and revenue forecasts are the Zacks Consensus estimates, unless indicated otherwise on the reports first page. Additionally, the analysts contributing to this report certify that the views expressed herein accurately reflect the analysts personal views as to the subject securities and issuers. ZIR certifies that no part of the analysts compensation was, is, or will be, directly or indirectly, related to the specific recommendation or views expressed by the analyst in the report.

Additional information on the securities mentioned in this report is available upon request. This report is based on data obtained from sources we believe to be reliable, but is not guaranteed as to accuracy and does not purport to be complete. Any opinions expressed herein are subject to change.

ZIR is not an investment advisor and the report should not be construed as advice designed to meet the particular investment needs of any investor. Prior to making any investment decision, you are advised to consult with your broker, investment advisor, or other appropriate tax or financial professional to determine the suitability of any investment. This report and others like it are published regularly and not in response to episodic market activity or events affecting the securities industry.

This report is not to be construed as an offer or the solicitation of an offer to buy or sell the securities herein mentioned. ZIR or its officers, employees or customers may have a position long or short in the securities mentioned and buy or sell the securities from time to time. ZIR is not a broker-dealer. ZIR may enter into arms-length agreements with broker-dealers to provide this research to their clients. Zacks and its staff are not involved in investment banking activities for the stock issuer covered in this report.

ZIR uses the following rating system for the securities it covers. **Outperform-** ZIR expects that the subject company will outperform the broader U.S. equities markets over the next six to twelve months. **Neutral-** ZIR expects that the company will perform in line with the broader U.S. equities markets over the next six to twelve months. **Underperform-** ZIR expects the company will underperform the broader U.S. equities markets over the next six to twelve months.

No part of this report can be reprinted, republished or transmitted electronically without the prior written authorization of ZIR.