

Anheuser-Busch InBev (BUD)

\$76.12 (As of 06/21/21)

Price Target (6-12 Months): **\$81.00**

Long Term: 6-12 Months

Zacks Recommendation:

Neutral

(Since: 05/04/21)

Prior Recommendation: Underperform

Short Term: 1-3 Months

Zacks Rank: (1-5)

3-Hold

Zacks Style Scores:

VGM:B

Value: B

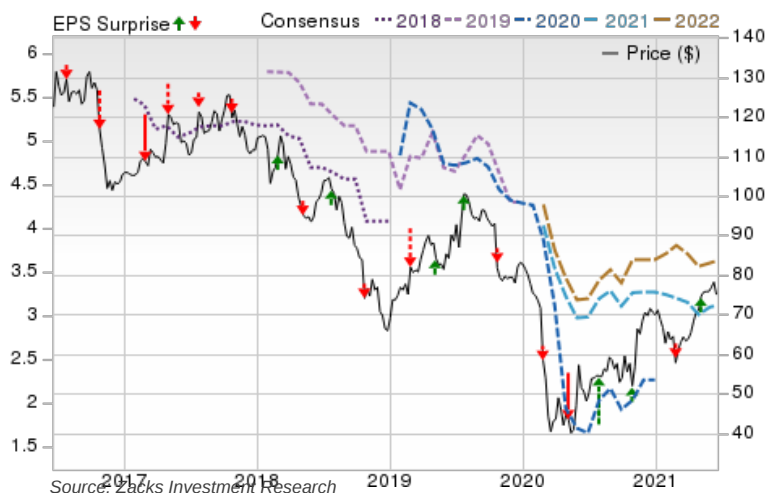
Growth: C

Momentum: A

Summary

AB InBev's shares have outpaced the industry in the past three months. The company had a strong start to 2021, with robust first-quarter 2021 results. Its top and bottom lines beat the Zacks Consensus Estimate and improved year over year. Results benefited from its unique commercial strategy, strong brand portfolio, investments in digital platform and operation excellence, which led to market share growth across the majority of the key markets. Moreover, its premium portfolio reported revenue growth of 28% in the first quarter of 2021, representing more than 30% of its total revenues. Also, the expansion of the Beyond Beer portfolio, along with investments in B2B platforms, e-commerce and digital marketing bode well. However, the company continued to witness higher costs in the first quarter, which hurt margins.

Price, Consensus & Surprise



Data Overview

52-Week High-Low **\$79.67 - \$47.80**

20-Day Average Volume (Shares) **975,657**

Market Cap **\$153.5 B**

Year-To-Date Price Change **8.9%**

Beta **1.55**

Dividend / Dividend Yield **\$0.44 / 0.6%**

Industry **Beverages - Alcohol**

Zacks Industry Rank **Bottom 47% (133 out of 252)**

Last EPS Surprise **6.3%**

Last Sales Surprise **7.0%**

EPS F1 Estimate 4-Week Change **0.6%**

Expected Report Date **07/29/2021**

Earnings ESP **0.0%**

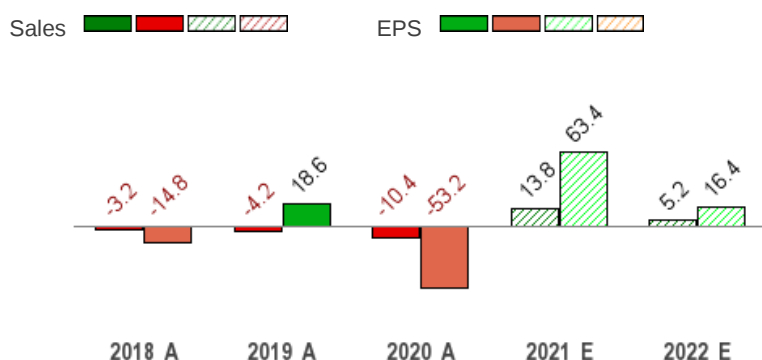
P/E TTM **26.8**

P/E F1 **24.4**

PEG F1 **2.8**

P/S TTM **3.2**

Sales and EPS Growth Rates (Y/Y %)



Sales Estimates (millions of \$)

	Q1	Q2	Q3	Q4	Annual*
2022					56,113 E
2021	12,293 A	13,533 E	13,957 E	13,479 E	53,359 E
2020	11,003 A	10,294 A	12,816 A	12,767 A	46,881 A

EPS Estimates

	Q1	Q2	Q3	Q4	Annual*
2022					\$3.63 E
2021	\$0.51 A	\$0.96 E	\$0.96 E	\$0.85 E	\$3.12 E
2020	-\$0.42 A	\$0.46 A	\$0.79 A	\$1.08 A	\$1.91 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 06/21/2021. The report's text and the

analyst-provided price target are as of 06/22/2021.

Overview

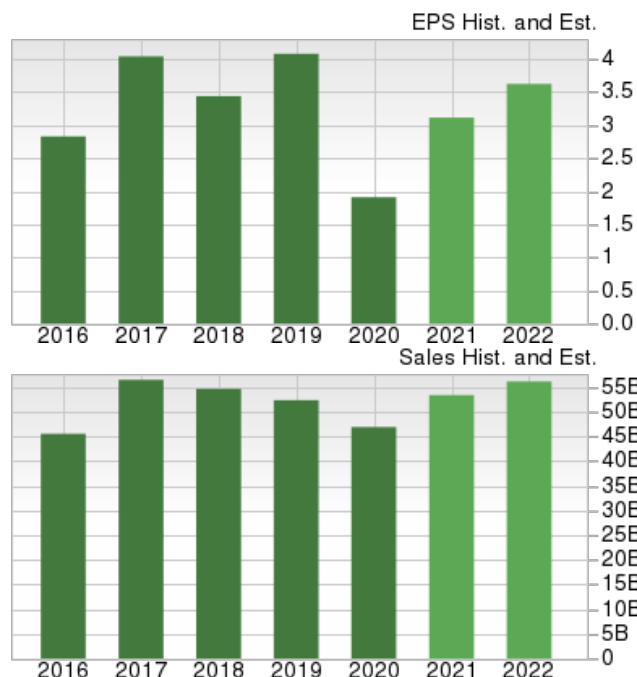
Anheuser-Busch InBev, alias AB InBev, is a global brewing company with more than 500 iconic brands. The company's leading position in majority of its markets and a strong global footprint lends the advantage of economies of scale and growing its multi-country brands globally. Its strategy is based on efforts to develop a portfolio of brands that cater to extensive consumer needs within the market, in terms of price range, flavor profiles, and brand meaning.

Founded in 1366 and based in Leuven, Belgium, Anheuser-Busch InBev, alias AB InBev, is one of the biggest brewing companies (by volume), also ranking among the top five consumer product firms. Following the acquisition of SABMiller in October 2016, the company holds the top spot in the beer industry, controlling about one-third of the global beer market.

The company's diverse portfolio includes global brands like Budweiser, Corona and Stella Artois; multi-country brands like Beck's, Hoegaarden, Leffe and Michelob Ultra; and local names like Aguila, Antarctica, Bud Light, Brahma, Cass, Castle, Castle Lite, Cristal, Harbin, Jupiler, Modelo Especial, Quilmes, Victoria, Sedrin, and Skol. AB InBev sells its beers in more than 150 countries. It generated revenues of \$52.3 billion in 2019.

The company operates in six management zones including North America (19.3% of 2019 revenues), Middle Americas (23.8%), South America (15.3%), APAC (24.9%), EMEA (16.6%) and Global Export and Holding Companies (0.2%).

In 2019, developed markets represented nearly 41.4% of total revenues while developing markets represented 58.6%.



Reasons To Buy:

▲ **Solid Q1 Bodes Well for Stock:** Shares of AB InBev have increased 21.2% in the past three months, outpacing the industry's growth of 11.6%. The stock got a boost from the strong start to 2021, with robust first-quarter 2021 results. Notably, its top and bottom lines beat the Zacks Consensus Estimate and improved on a year-over-year basis in the first quarter. The company's results benefited from its unique commercial strategy, strong brand portfolio, investments in digital platform and operation excellence, which led to market share growth across the majority of the key markets. The better-than-expected top-line results demonstrated the company's fundamental strength as well as continued resilience in the global beer category. Notably, its beer business reported 2.8% volume growth in first-quarter 2021 compared with first-quarter 2019, reflecting strong growth versus the pre-pandemic levels. This growth came despite heightened COVID-led impacts like on-premise restrictions across markets as well as a one-month ban imposed on the sale of alcohol in South Africa.

AB InBev remains keen on making the most of investments in its portfolio over the years as well as rapidly growing its digital platform, including BEES and Ze Delivery.

For 2021, AB InBev expects normalized EBITDA growth of 8-12%, with revenue growth expected to be higher than EBITDA growth, driven by strong volume and pricing.

▲ **Strong Volume & Organic Sales:** Despite the pandemic-led challenges, AB InBev reported better-than-expected top-line results as well as organic revenue growth. It registered an organic revenue growth of 17.2% primarily on ongoing premiumization and revenue-management initiatives. Notably, revenues per hectoliter (hl) were up 3.7%. Moreover, the company notes that revenues in the first quarter were ahead of the pre-pandemic levels, mostly driven by a 2.8% rise in beer volume when compared with the first quarter of 2019. Total organic volume grew 13.3%, with a 14.9% increase in own-beer volume and 4% growth in non-beer volume.

▲ **Premiumization Strategy:** Premiumization of the beer industry has been a key growth opportunity for AB InBev. The company has been investing to develop a diverse portfolio of global, international and crafts and specialty premium brands in its markets. The company's premium portfolio reported revenue growth of 28% in the first quarter of 2021, reflecting more than 30% of its total revenues. This growth is well reflected in the company's bottom line as the premium brands attract higher profit per hl compared with its core brands. Moreover, the premium portfolio marked a growth of more than 6% from 2017. Apart from the premium brands, the company's global brands lead the way in premiumization. Notably, revenue for the three global brands — Budweiser, Corona and Stella Artois — were up 29.5% globally and 46.4% outside of their home markets in first-quarter 2021. The company's all three global brands delivered double-digit revenue growth in the first quarter compared with the same periods in both 2020 and 2019.

▲ **Expansion of Beyond Beer Portfolio:** AB InBev is steadfastly growing its Beyond Beer portfolio, including products like Ready to Drink Beverages like Canned Wine and Canned Cocktails, Hard Seltzers, Cider and Flavored Malt Beverages. The Beyond Beer trend has been recently gaining popularity due to the rise in demand for low-alcoholic or non-alcoholic drinks. Notably, the company's beyond beer business delivered \$1.2 billion in revenue in 2020. Meanwhile, revenues from the business grew 40% in the first quarter of 2021. This incremental growth has contributed to the bottom-line improvement in the quarter. Moreover, its Beyond Beer products have a 20% higher gross profit per hl, on average, than the traditional beer.

The United States is the company's largest Beyond Beer market, representing about 50% of its global Beyond Beer volume. The company has significantly enhanced its Beyond Beer presence in the United States with the introduction of hard seltzers like Bud Light Seltzer, followed by the more recently launched Michelob ULTRA Organic Seltzer and Cacti. Additionally, the company is focused on expanding its hard seltzer presence in newer markets. This was demonstrated by the recent launch of Michelob ULTRA Hard Seltzer in Mexico, where it has already captured 45% of market share of the developing seltzer segment. This represents more than the next three brands combined share in the region. Also, it is launching the Mike's Hard brand, including the Mike's Hard Lemonade and Mike's Hard Seltzer variance, in markets outside the United States as a part of its efforts to build the beyond beer portfolio globally. The company expects the brand to be available in more than 20 countries by the end of 2021.

▲ **Scaling Digital Investments:** AB InBev has been investing in new capabilities for several years to better connect with customers and consumers by leveraging technology, such as B2B sales and other e-commerce platforms. These platforms remained more relevant amid the coronavirus pandemic as consumers were confined to their homes. Consumers are quickly shifting to in-home consumption occasions, which has led to growth in the e-commerce channel as well as finding new ways to connect with others. Consequently, the company is witnessing acceleration in the B2B platforms, e-commerce and digital marketing trends, which has been aiding growth in the past few months. Notably, the company's proprietary B2B platform — BEES — captured more than \$3 billion in gross merchandise value (GMV) in the first quarter, reflecting a growth of more than 50% from the fourth quarter of 2020. Moreover, the company's owned e-commerce business quadrupled in size in the first quarter. The company courier platforms are now accessible in nine markets and 220 cities, catering to nearly 120 million customers. In Brazil, Ze Delivery has expanded substantially, delivering more than 14 million orders in first-quarter 2021, reflecting more than half of the amount delivered in all of 2020.

▲ **Financial Flexibility:** AB InBev has demonstrated financial discipline amid the pandemic with several proactive measures. To maintain strong liquidity, the company has been proactively managing its debt profile. The company's debt maturity profile is well distributed across next several years, with no significant maturities in the next five years. The company had more than \$24 billion liquidity as of the end of 2020. Moreover, it targets a net debt to EBITDA ratio of 2x. To attain this level, it remains committed to debt repayments going forward. Net capital expenditure is projected to be \$4.5-\$5 billion for 2021, driven by higher investments in innovation and other consumer-centric initiatives to fuel

the ongoing momentum.

Reasons To Sell:

▼ **Elevated Costs:** During the first-quarter 2021, AB InBev continued to witness soft margins trend driven by higher cost of sales, SG&A expense and other costs, which also partly hurt the bottom line. In the reported quarter, higher cost of goods sold partly offset the top line growth, resulting in gross margin decline. Cost of sales increased 14.7% to \$5,243 million and was up 20.6% on an organic basis. Notably, gross margin contracted 110 basis points (bps) year over year to 57.3% in the first quarter. On an organic basis, gross margin declined 122 bps.

Additionally, SG&A expense increased 9.1% year over year and 12.5% on an organic basis. Other operating expenses were up 29.5% year over year and 35.1% on an organic basis. Consequently, normalized operating income (EBIT) declined 6.3% year over year and 4.7% organically. Normalized operating margin contracted 20 bps year over year to 25.3%. Also, normalized EBITDA margin contracted 120 basis points (bps) to 34.7% and declined 91 bps organically. Adverse currency translations and headwinds from commodity, channel and packaging mix continued to hurt EBITDA margin.

AB InBev continued to witness soft margins trend driven by higher cost of sales, SG&A expense and other costs, which hurt margins. Cost of sales increased 14.7% and was up 20.6% on an organic basis.

▼ **Higher Effective Tax Rate:** AB InBev's normalized effective tax rate, before mark-to-market gains and losses linked to the hedging of share-based payment programs, increased to 28.6% in the first quarter of 2021 compared with 25.9% in the prior-year quarter. The increase was mainly driven by country mix and reduced benefits of tax attributes. Moreover, the company anticipates effective tax rate of 28-30% for 2021, higher than that reported in 2020. The year-over-year increase relates to the phasing out of the temporary COVID-19 measures and changes in tax attributes in some key markets.

▼ **Competitive Threats:** AB InBev faces stiff competition from other players in its distribution network, as stronger purchasing power of other players is bound to compel AB InBev to lower its prices, raise capital investment and increase its marketing expenditure. All these factors are likely to hurt the company's margins and market share. Also, the company faces competitive pressure in terms of its pace of undertaking innovations to keep track of the evolving consumer trends. Further, continued consolidation among retailers in the beer space could hurt the overall profit of the industry. This, in turn, remains a threat to AB InBev's financial performance.

▼ **Higher Indirect Taxes May Hurt Performance:** The beer and beverage industry remain susceptible to unfavorable changes in taxes. In many regions, these taxes constitute a major chunk of the cost of beer that is charged to customers. Thus, any rise in excise taxes or indirect taxes on AB InBev's products is likely to shift consumers' preferences to other beverages and weigh upon the overall consumption of the company's products, thus hurting its revenues and margins.

Last Earnings Report

AB InBev Surpasses Q1 Earnings & Revenue Estimates

AB InBev is off to a strong start to 2021, with robust first-quarter 2021 results. Notably, its top and bottom lines beat the Zacks Consensus Estimate and improved on a year-over-year basis in the first quarter. The company's results benefited from its unique commercial strategy, strong brand portfolio, investments in digital platform and operation excellence, which led to market share growth across the majority of the key markets.

The better-than-expected top-line results demonstrated the company's fundamental strength as well as continued resilience in the global beer category. Notably, its beer business reported 2.8% volume growth in first-quarter 2021 compared with first-quarter 2019, reflecting strong growth versus the pre-pandemic levels. This growth came despite heightened COVID-led impacts like on-premise restrictions across markets as well as a one-month ban imposed on the sale of alcohol in South Africa.

The company remains keen on making the most of investments in its portfolio over the years as well as rapidly growing its digital platform, including BEES and Zé Delivery.

Q1 Highlights

The company reported normalized earnings per share of 51 cents against a loss per share of 42 cents reported in the year-ago quarter. Moreover, the bottom line beat the Zacks Consensus Estimate of 48 cents.

Underlying earnings per share (normalized EPS, excluding mark-to-market gains and losses related to the hedging of share-based payment programs and the impacts of hyperinflation) were 55 cents in first-quarter 2021, up 7.8% from 51 cents earned in the year-ago quarter.

Revenues of \$12,293 million improved 11.7% from the year-ago quarter and surpassed the Zacks Consensus Estimate of \$11,494 million. It registered an organic revenue growth of 17.2% primarily on ongoing premiumization and revenue-management initiatives. Notably, revenues per hectoliter (hl) were up 3.7%. Moreover, the company notes that revenues in the first quarter were ahead of the pre-pandemic levels, mostly driven by a 2.8% rise in beer volume when compared with the first quarter of 2019.

Total organic volume grew 13.3%, with a 14.9% increase in own-beer volume and 4% growth in non-beer volume. The company's premium portfolio reported revenue growth of 28% in the first quarter, reflecting more than 30% of its total revenues. This was driven by elevated profit per hl compared with its core brands.

Consolidated revenues at its three global brands — Budweiser, Corona and Stella Artois — advanced 29.5% globally and 46.4% outside their respective home markets in the first quarter.

The cost of sales increased 14.7% to \$5,243 million and was up 20.6% on an organic basis.

The company's normalized earnings before interest, taxes, depreciation and amortization (EBITDA) were \$4,267 million, which rose 8.1% year over year and 14.2% on an organic basis. This growth is mainly attributed to positive brand mix and ongoing cost discipline, partly negated by adverse currency translations and headwinds from commodity, channel and packaging mix. Additionally, higher SG&A expenses, owing to higher variable compensation accruals, hurt EBITDA.

However, normalized EBITDA margin contracted 120 basis points (bps) to 34.7% and declined 91 bps organically.

2021 Outlook

For 2021, AB InBev expects normalized EBITDA growth of 8-12%, with revenue growth expected to be higher than EBITDA growth, driven by strong volume and pricing.

Management anticipates effective tax rate of 28-30% for 2021, higher than that reported in 2020. The year-over-year increase relates to the phasing out of the temporary COVID-19 measures and changes in tax attributes in some key markets. Net capital expenditure is projected to be \$4.5-\$5 billion for 2021, driven by higher investments in innovation and other consumer-centric initiatives to fuel the ongoing momentum.

Quarter Ending	03/2021
Report Date	May 06, 2021
Sales Surprise	6.95%
EPS Surprise	6.25%
Quarterly EPS	0.51
Annual EPS (TTM)	2.84

Valuation

Anheuser-Busch InBev shares are up 8.9% in the year-to-date period and 46.1% for the trailing 12-month period. Stocks in the Zacks sub-industry and the Zacks Consumer Staples sector are up 8.3% and 4.2% in the year-to-date period, respectively. Over the past year, the Zacks sub-industry and the sector are up 33.6% and 19.1%, respectively.

The S&P 500 index is up 11.8% in the year-to-date period and 35.1% in the past year.

The stock is currently trading at 22.68X forward 12-month earnings, which compares to 27.9X for the Zacks sub-industry, 20.17X for the Zacks sector and 21.35X for the S&P 500 index.

Over the past five years, the stock has traded as high as 31.33X and as low as 10.15X, with a 5-year median of 20.36X. Our Neutral recommendation indicates that the stock will perform in line with the market. Our \$81 price target reflects 24.13X forward 12-month earnings.

The table below shows summary valuation data for BUD

Valuation Multiples - BUD					
		Stock	Sub-Industry	Sector	S&P 500
P/E F12M	Current	22.68	27.9	20.17	21.35
	5-Year High	31.33	28.86	22.4	23.83
	5-Year Low	10.15	18.78	16.52	15.31
	5-Year Median	20.36	23.74	19.51	18.05
P/S F12M	Current	2.81	18.95	10.11	4.63
	5-Year High	4.8	20.67	11.95	4.74
	5-Year Low	1.35	12.93	8.58	3.21
	5-Year Median	2.97	17.1	10.32	3.72
EV/EBITDA TTM	Current	8.6	53.73	41.53	17.1
	5-Year High	15.82	56.54	45.75	17.74
	5-Year Low	3.4	26.68	27.43	9.63
	5-Year Median	9.75	43.97	39.28	13.47

As of 06/21/2021

Source: Zacks Investment Research

Industry Analysis Zacks Industry Rank: Bottom 47% (133 out of 252)



Top Peers

Company (Ticker)	Rec	Rank
The Boston Beer Company, Inc. (SAM)	Outperform	2
BrownForman Corporation (BF.B)	Neutral	4
Carlsberg AS (CABGY)	Neutral	3
Diageo plc (DEO)	Neutral	3
Heineken NV (HEINY)	Neutral	3
Altria Group, Inc. (MO)	Neutral	3
Constellation Brands Inc (STZ)	Neutral	3
Molson Coors Beverage Company (TAP)	Neutral	3

The positions listed should not be deemed a recommendation to buy, hold or sell.

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 maintain a 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.

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.

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.

Value Score	B
Growth Score	C
Momentum Score	A
VGM Score	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.

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Additional Disclosure

This material represents an assessment of the market and economic environment at a specific point in time and is not intended to be a forecast of future events, or a guarantee of future results. Forward-looking statements are subject to certain risks and uncertainties. Any statements that refer to expectations, projections or characterizations of future events or circumstances, including any underlying assumptions, are forward-looking statements. Actual results, performance, or achievements may differ materially from those expressed or implied.

Returns quoted represent past performance which is no guarantee of future results. Investment returns and principal value will fluctuate so that when shares are redeemed, they may be worth more or less than their original cost. Current performance may be higher or lower than the performance shown.

Investing involves risk; principal loss is possible. There is no guarantee that companies that can issue dividends will declare, continue to pay or increase dividends.

Glossary of Terms and Definitions

52-Week High-Low: The range of the highest and lowest prices at which a stock has traded during the past year. This range is determined based on the stock's daily closing price which may differ from the intra-day high or low. Many investors use it as a technical indicator to determine a stock's current value and future price movement. The idea here is that if price breaks out from the 52-week range, in either direction, the momentum may continue in the same direction.

20-Day Average Volume (Shares): The average number of shares of a company traded in a day over the last 20 days. It is a direct indication of a security's overall liquidity. The higher the average daily trading volume, the easier it is to enter or exit the stock at a desired price with more buyers and sellers being available.

Daily Price Change: This is the percentage difference between a trading day's closing price and the prior trading day's closing price. This item is updated at 9 p.m. EST each day.

1-Week Price Change: This is the percentage change in a stock's closing price over the last 5 trading days. This change reflects the collective buying and selling sentiment over the 1-week period.

A strong weekly price increase for the stock, especially when accompanied by increased volume, is an indication of it gaining momentum.

4-Week Price Change: This is the percentage change in a stock's closing price over the last 20 trading days or past 4 weeks. This is a medium-term price change metric and an indication of the stock gaining momentum.

12-Week Price Change: This is the percentage change of a stock's closing price over the last 60 trading days or past 12 weeks. Similar to 4-week price change, this is a medium-term price change metric. It shows whether a stock has been enjoying strong investor demand, or if it has been in consolidation, or distress over this period.

52-Week Price Change: This is the percentage change in a stock's closing price over the last 260 trading days or past 52 weeks. This long-term price change metric is a good reference point for investors. Some investors seek stocks with the best percentage price change over the last 52 weeks, expecting the momentum to continue.

Market Cap: The number of outstanding common shares of a company times its latest price per share. This figure represents a company's size, which indicates various characteristics, including price stability and risk, in which investors could be interested.

Year-To-Date Price Change: Change in a stock's daily closing price in the period of time beginning the first day of the current calendar year through to the previous trading day.

of Analysts: Number of EPS estimates used in calculating the current-quarter consensus. These estimates come from the brokerage analysts tracking this stock. However, the number of such analysts tracking this stock may not match the number of estimates, as all brokerage analysts may not come up with an estimate or provide it to us.

Beta: A measure of risk commonly used to compare the volatility of a stock to the overall market. The S&P 500 Index is the base for calculating beta and carries a value of 1. A stock with beta below 1 is less risky than the market as a whole. And a stock with beta above 1 is riskier.

Dividend: The portion of earnings a company is expected to distribute to its common shareholders in the next 12 months for each share they own. Dividends are usually paid quarterly. Dividend payments reflect positively on a company and help maintain investors' trust. Investors typically find dividend-paying stocks appealing because the dividend adds to any market price appreciation to result in higher return on investment (ROI). Moreover, a steady or increasing dividend payment provides investors a cushion in a down market.

Dividend Yield: The ratio of a company's annual dividend to its share price. The annual dividend used in the ratio is calculated based on the most recent dividend paid by the company. Dividend yield is an estimate of the dividend-only return from a stock in the next 12 months. Since dividend itself doesn't change frequently, dividend yield usually changes with a stock's price movement. As a result, often an unusually high dividend yield is a result of weak stock price.

S&P 500 Index: The Standard & Poor's 500 (S&P 500) Index is an unmanaged group of securities considered to be representative of the stock market in general. It is a market-capitalization-weighted index of stocks of the 500 largest U.S. companies. Each stock's weight in the index is

proportionate to its market value.

Industry: One of the 250+ groups that Zacks classifies all stocks into based on the nature of business. These groups are termed as expanded (aka "X") industries and map to their respective (economic) sectors; Zacks has 16 sectors.

Zacks Industry Rank: The Zacks Industry Rank is determined by calculating the average Zacks Rank for all stocks in the industry and then assigning an ordinal rank to it. For example, an industry with an average Zacks Rank of 1.6 is better than an industry with an average Zacks Rank of 2.3. So, the industry with the better average Zacks Rank would get a better Zacks Industry Rank. If an industry has the best average Zacks Rank, it would be considered the top industry (1 out of 250+), which would place it at the top 1% of Zacks-ranked industries. Studies have shown that roughly half of a stock's price movement can be attributed to the industry group it belongs to. In fact, the top 50% of Zacks-ranked industries outperforms the bottom 50% by a factor of more than 2 to 1.

Last EPS Surprise: The percentage deviation of a company's last reported earnings per share from the Zacks Consensus Estimate. Companies with a positive earnings surprise are more likely to surprise again in the future (or miss again if they recently missed).

Last Sales Surprise: The percentage deviation of a company's last reported sales from the Zacks Consensus Estimate.

Expected Report Date: This is an estimated date of a company's next earnings release. The information originated or gathered by Zacks Investment Research from its information providers or publicly available sources is the basis of this estimate.

Earnings ESP: The Zacks Earnings ESP compares the Most Accurate Estimate to the Zacks Consensus Estimate for the yet-to-be reported quarter. The Most Accurate Estimate is the most recent version of the Zacks Consensus EPS Estimate. The idea here is that analysts revising their estimates closer to an earnings release have the latest information, which could potentially be more accurate than what they and others contributing to the consensus had predicted earlier. Thus, a positive or negative Earnings ESP reading theoretically indicates the likely deviation of the actual earnings from the consensus estimate. However, the model's predictive power is significant for positive ESP readings only. A positive Earnings ESP is a strong predictor of an earnings beat, particularly when combined with a Zacks Rank #1 (Strong Buy), #2 (Buy) or #3 (Hold). Our research shows that stocks with this combination produce a positive surprise nearly 70% of the time.

Periods:

TTM: Trailing 12 months. Using TTM figures is an effective way of analyzing the most-recent financial data in an annualized format that helps neutralize the effects of seasonality and other quarter-to-quarter variation.

F1: Current fiscal year. This period is used to analyze the estimates for the ongoing full fiscal year.

F2: Next fiscal year. This period is used to analyze the estimates for the next full fiscal year.

F12M: Forward 12 months. Using F12M figures is an effective way of analyzing the near-term (the following four unreported quarters) estimates in an annualized manner. Instead of typically representing estimates for the full fiscal year, which may not represent the nitty-gritty of each quarter, F12M figures suggest an all-inclusive annualized estimate for the following four quarters. The annualization helps neutralize the potential effects of seasonality and other quarter-to-quarter variations.

P/E Ratio: The price-to-earnings ratio measures a company's current market price per share relative to its earnings per share (EPS). Usually, the trailing-12-month (TTM) EPS, current-fiscal-year (F1) EPS estimate, or forward-12-month (F12M) EPS estimate is used as the denominator. In essence, this ratio shows what the market is willing to pay today for each dollar of EPS. In other words, this ratio gives a sense of what the relative value of the company is at the already reported level of earnings or at a future level of earnings.

It is one of the most widely-used multiples for determining the value of a company and helps comparing its valuation with that of a competitor, the industry group or a benchmark.

PEG Ratio: The price/earnings to growth ratio is a stock's P/E ratio using current fiscal year (F1) EPS estimate divided by its expected EPS growth rate over the coming 3 to 5 years. This ratio essentially determines a stock's value by factoring in the company's expected earnings growth and is thus believed to provide a more complete picture than just the P/E ratio, particularly for faster-growing companies.

P/S Ratio: The price-to-sales ratio is calculated as a company's current price per share divided by trailing 12 months (TTM) sales or revenues per share. This ratio shows what the market is willing to pay today for each dollar of TTM sales per share. The P/S ratio is at times the only valuation metric when the company has yet to become profitable.

Cash/Price Ratio: The cash-to-price ratio or Cash Yield is calculated as cash and marketable securities per share divided by the company's current share price. Like the earnings yield, which shows the anticipated yield (or return) on a stock from earnings for each dollar invested, the cash yield does the same, with cash being the source of return instead of earnings. For example, a cash/price ratio of 0.08 suggests a return of 8% or 8 cents for every \$1 investment.

EV/EBITDA Ratio: The EV/EBITDA ratio, also known as Enterprise Multiple, is calculated as a company's enterprise value (market capitalization + value of total long-term debt + book value of preferred shares - cash and marketable securities) divided by EBITDA (earnings before interest, taxes, depreciation and amortization). Usually, trailing-12-month (TTM) or forward-12-month (F12M) EBITDA is used as the denominator.

EV/Sales Ratio: The enterprise value-to-sales ratio is calculated as a company's enterprise value (market capitalization + value of total long-term debt + book value of preferred shares - cash and marketable securities) divided by annual sales. It is an expansion of the P/S valuation, which uses market value instead of enterprise value. The EV/Sales ratio is perceived as more accurate than P/S, in part, because the market capitalization does not take a company's debt into account when valuing it.

EV/CF Ratio: The enterprise value-to-cash flow ratio is calculated as a company's enterprise value (market capitalization + value of total long-

term debt + book value of preferred shares - cash and marketable securities) divided by the trailing-12-month (TTM) operating cash flow. It's a measure of how long it would take to buy the entire business if you were able to use all the company's operating cash flow.

The EV/CF ratio is perceived as more accurate than the P/CF ratio, in part, because the market price does not take a company's debt into account when valuing it.

EV/FCF Ratio: The enterprise value-to-free cash flow metric compares a company's enterprise value to its trailing-12-month (TTM) free cash flow (FCF). This metric is very similar to the EV/CF ratio, but is considered a more exact measure owing to the fact that it uses free cash flow, which subtracts capital expenditures (CAPEX) from a company's total operating cash flow, thereby reflecting the actual cash flow available for funding growth activities and payments to shareholders.

P/EBITDA Ratio: The P/EBITDA ratio is calculated as a company's per share market value divided by EBITDA (earnings before interest, taxes, depreciation, and amortization). This metric is very similar to the EV/EBITDA ratio, but is considered a little less exact measure as it uses market price, which does not take a company's debt into account. However, since EBITDA is often considered a proxy for cash income, the metric is used as a measure of what the market is willing to pay today for each dollar of the company's cash profitability in the trailing 12 months (TTM) or forward 12 months (F12M).

P/B Ratio: The price-to-book ratio is calculated as a company's current price per share divided by its book value (total assets – liabilities – preferred stocks) per share. In short, the book value is how much a company is worth. In other words, it reflects the total value of a company's assets that its common shareholders would receive if it were to be liquidated. So, the P/B ratio indicates whether you're paying higher or lower than what would remain if the company went bankrupt immediately. Investors typically use this metric to determine how a company's stock price stacks up to its intrinsic value.

P/TB Ratio: The price-to-tangible-book value ratio is calculated as the per share market value of a company divided by the value of its tangible assets (total assets – liabilities – preferred stocks – intangible assets) per share. Tangible book value is the same thing as book value except it excludes the value of intangible assets to get a step closer to the baseline value of the company.

P/CF Ratio: The price-to-cash flow ratio measures a company's per share market price relative to its trailing-12-month (TTM) operating cash flow per share. This metric is used to determine whether a company is undervalued or overvalued relative to another stock, industry or sector. And like the P/E ratio, a lower number is typically considered better from the value perspective.

One of the reasons why P/CF ratio is often preferred over P/E ratio is the fact that operating cash flow adds back non-cash expenses such as depreciation and amortization to net income. This feature helps valuing stocks that have positive cash flow but are not profitable because of large noncash charges.

P/FCF Ratio: The price-to-free cash flow ratio is an extension of P/CF ratio, which uses trailing-12-month (TTM) free cash flow per share instead of operating cash flow per share. This metric is considered a more exact measure than P/CF ratio, as free cash flow subtracts capital expenditures (CAPEX) from a company's total operating cash flow, thereby reflecting the actual cash flow available for funding activities that generate additional revenues.

Earnings Yield: The earnings yield is calculated as current fiscal year (F1) EPS estimate divided by the company's current share price. The ratio, which is the inverse of the P/E ratio, measures the anticipated yield (or return) from earnings for each dollar invested in a stock today.

For example, earnings yield for a stock, which is trading at \$35 and expected to earn \$3 per share in the current fiscal year (F1), would be 0.0857 ($3/35 = 0.0857$) or 8.57%. In other words, for \$1 invested in the stock today, the yield from earnings is anticipated to be 8.57 cents.

Investors most commonly compare the earnings yield of a stock to that of a broad market index (such as the S&P 500) and prevailing interest rates, such as the current 10-year Treasury yield. Since bonds and stocks compete for investors' dollars, stock investors typically demand a higher yield for the extra risk they assume compared to investors of U.S. Treasury-backed securities that offer virtually risk-free returns. This additional return is referred to as the risk premium.

Debt/Equity Ratio: The debt-to-equity ratio is calculated as a company's total liabilities divided by its shareholder equity. This metric is used to gauge a company's financial leverage. In other words, it is a measure of the degree to which a company is financing its operations through debt versus its own funds. The higher the ratio, the higher the risk for shareholders.

However, this ratio is difficult to compare across industry groups where ideal amounts of debt vary. Some businesses are more capital intensive than others and typically require higher debt to finance their operations. So, a company's debt-to-equity ratio should be compared with other companies in the same industry.

Cash Flow (\$/share): Cash flow per share is calculated as operating cash flow (after-tax earnings + depreciation + other non-cash charges) divided by common shares outstanding. It is used by many investors as a measure of a company's financial strength. Since cash flow per share takes into consideration a company's ability to generate cash by adding back non-cash expenses, it is regarded by some as a more accurate measure of a company's financial situation than earnings per share, which could be artificially deflated.

Current Ratio: The current ratio or liquidity ratio is a company's current assets divided by its current liabilities. It measures a company's ability to pay short-term obligations. A current ratio that is in line with the industry average or slightly higher is generally considered acceptable. A current ratio that is lower than the industry average would indicate a higher risk of distress or default. A higher number is usually better. However, a very high current ratio compared to the industry average could be an indication of inefficient use of assets by management.

Debt/Capital Ratio: Debt-to-capital ratio is a company's total debt (interest-bearing debt + both short- and long-term liabilities) divided its total capital (interest-bearing debt + shareholders' equity). It is a measure of a company's financial leverage. All else being equal, the higher the debt-to-capital ratio, the riskier the stock.

However, this ratio can vary widely from industry to industry, the ideal amount of required debt being different. Some businesses are more capital

intensive than others and typically require higher debt to finance their operations. So, a company's debt-to-capital ratio should be compared with the same for its industry.

Net Margin: Net margin is calculated as net income divided by sales. It shows how much of each dollar in sales generated by a company translates into profit. For example, if a company's net margin is 15%, its net income is 15 cents for every \$1 of sales it makes.

A change in margin can reflect either a change in business conditions, or a company's cost controls, or both. If a company's expenses are growing faster than sales, its net margin will decline. However, different net margin rates are considered good for different industries, so it's better to compare net margin rates of companies in the same industry group.

Return on Equity: Return on equity (ROE) is calculated as trailing-12-month net income divided by trailing-12-month average shareholder equity (including reinvested earnings). This metric is considered a measure of how effectively management is using a company's assets to generate profits. For example, if a company's ROE is 10%, it creates 10 cents profits for every \$1 shareholder equity, which is basically the company's assets minus debt. A company's ROE deemed good or bad depends on what's normal for its peers or industry group.

Sales/Assets Ratio: The sales-to-assets ratio or asset utilization ratio or asset turnover ratio is calculated as a company's annual sales divided by average assets (average of assets at the beginning of the year and at the year's end). This metric helps investors understand how effectively a company is using its assets to generate sales. For example, a sales-to-assets ratio of 2.5 indicates that the company generated \$2.50 in sales for every \$1 of assets on its books.

The higher the sales-to-assets ratio, the better the company is performing. However, similar to many other ratios, the asset turnover ratio tends to be higher for companies in certain industries/sectors than in others. So, a company's sales-to-assets ratio should be compared with the same for its industry/sector.

Historical EPS Growth (3-5 Years): This is the average annual (trailing-12-month) EPS growth rate over the last 3-5 years. This metric helps investors see how a company's EPS has grown from a long-term perspective.

Note: There are many factors that can influence short-term numbers — a recession will reduce this number, while a recovery will inflate it. The longterm perspective helps smooth out short-term events.

Projected EPS Growth (F1/F0): This is the estimated EPS growth rate for the current financial year. It is calculated as the consensus estimate for the current fiscal year (F1) divided by the reported EPS for the last completed fiscal year (F0).

Current Cash Flow Growth: It measures the latest year-over-year change in operating cash flow. Cash flow growth tells an investor how quickly a company is generating inflows of cash from operations. A positive change in the cash flow is desired and shows that more 'cash' is coming in than going out.

Historical Cash Flow Growth (3-5 Years): This is the annualized change in cash flow over the last 3-5 years. The change in a longer period helps put the current reading into proper perspective. By looking at the rate, rather than the actual dollar value, the comparison across the industry and peers becomes easier.

Projected Sales Growth (F1/F0): This metric looks at the estimated sales growth for the current year. It is calculated as sales estimate for the current fiscal year (F1) divided by the reported sales for the last completed fiscal year (F0).

Like EPS growth, a higher rate is better for sales growth. A look at a company's projected sales growth instantly tells you what the outlook is for their products and services. However, different sales growth rates are considered good for different industries, so it's better to compare sales growth rates of companies in the same industry group.

EPS F1 Estimate 1-Week Change: The percentage change in the Zacks Consensus EPS estimate for the current fiscal year over the past week. The change in a company's consensus EPS estimate (or earnings estimate revision) has proven to be strongly correlated with the near-term price movement of its shares. It is an integral part of the Zacks Rank.

If a stock's consensus EPS estimate is \$1.10 now versus \$1.00 a week ago, that will be reflected as a 10% upward revision. If, on the other hand, it went from \$1.00 to 90 cents, that would be a 10% downward revision.

EPS F1 Estimate 4-Week Change: The percentage change in the Zacks Consensus EPS estimate for the current fiscal year over the past four weeks.

A stock's earnings estimate revision in a 1-week period is important. But it's more meaningful to look at the longer-term revision. And, of course, the 4-week change helps put the 1-week change into proper perspective.

EPS F1 Estimate 12-Week Change: The percentage change in the Zacks Consensus EPS estimate for the current fiscal year over the past 12 weeks.

This metric essentially shows how the consensus EPS estimate has changed over a period longer than 1 week or 4 weeks.

EPS Q1 Estimate Monthly Change: The percentage change in the Zacks Consensus EPS estimate for the current fiscal quarter over the past four weeks.

While the revision in consensus EPS estimate for the current fiscal year is strongly correlated with the near-term price movement of its shares, the estimate revision for the current fiscal quarter is an important metric as well, especially over the short term, and particularly as a stock approaches its earnings date. If a stock's Q1 EPS estimate decreases ahead of its earnings release, it's usually a negative sign, whereas an increase is a positive sign.