

Post Holdings (POST)

\$85.26 (As of 09/15/20)

Price Target (6-12 Months): **\$73.00**

Long Term: 6-12 Months | **Zacks Recommendation:** **Underperform**
(Since: 08/12/20)
Prior Recommendation: Neutral

Short Term: 1-3 Months | **Zacks Rank:** (1-5) **5-Strong Sell**
Zacks Style Scores: VGM:A
Value: B | Growth: B | Momentum: A

Summary

Post Holdings' shares have underperformed the industry on a year-to-date basis. The company's Foodservice unit is bearing the brunt of coronavirus-led woes. Notably, sales in this segment slumped 41.3% year over year in third-quarter fiscal 2020. The downside was caused by reduced demand from foodservice customers owing to coronavirus-led restrictions. Also, its BellRing Brands unit was affected by COVID-19. Notably, sales in the segment declined 14.1%. These factors marred overall sales, which fell 7.1% and missed the Zacks Consensus Estimate during the quarter. Apart from this, Post Holdings has been witnessing rising SG&A expenses in the past few quarters, which is a concern. Nevertheless, robust performance in Post Consumer Brands and Weetabix units offered some respite. Also, the company is gaining from prudent acquisitions.

Data Overview

52-Week High-Low **\$112.38 - \$68.97**
20-Day Average Volume (Shares) **462,112**
Market Cap **\$5.8 B**
Year-To-Date Price Change **-21.9%**
Beta **0.76**
Dividend / Dividend Yield **\$0.00 / 0.0%**
Industry **Food - Miscellaneous**
Zacks Industry Rank **Bottom 32% (171 out of 251)**

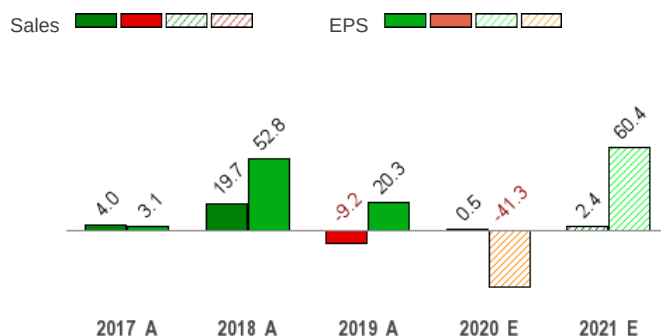
Last EPS Surprise **11.9%**
Last Sales Surprise **-0.9%**
EPS F1 Estimate 4-Week Change **0.0%**
Expected Report Date **11/19/2020**
Earnings ESP **0.0%**

P/E TTM **24.0**
P/E F1 **29.6**
PEG F1 **4.2**
P/S TTM **1.0**

Price, Consensus & Surprise



Sales and EPS Growth Rates (Y/Y %)



Sales Estimates (millions of \$)

	Q1	Q2	Q3	Q4	Annual*
2021	1,455 E	1,460 E	1,444 E	1,518 E	5,844 E
2020	1,457 A	1,494 A	1,336 A	1,421 E	5,708 E
2019	1,411 A	1,388 A	1,439 A	1,443 A	5,681 A

EPS Estimates

	Q1	Q2	Q3	Q4	Annual*
2021	\$0.88 E	\$1.04 E	\$1.33 E	\$1.38 E	\$4.62 E
2020	\$0.76 A	\$0.65 A	\$0.75 A	\$0.73 E	\$2.88 E
2019	\$1.11 A	\$1.28 A	\$1.19 A	\$1.39 A	\$4.91 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 09/15/2020. The reports text is as of 09/16/2020.

Overview

Based in Missouri, Post Holdings is a consumer-packaged goods holding company, which is involved in the production of center-of-the-store, refrigerated, foodservice, food ingredient and convenient nutrition product categories. It also engages in the private brand food category.

The company comprises five segments, including BellRing Brands, which operates as a separate entity with Post Holdings having 71% stake in it.

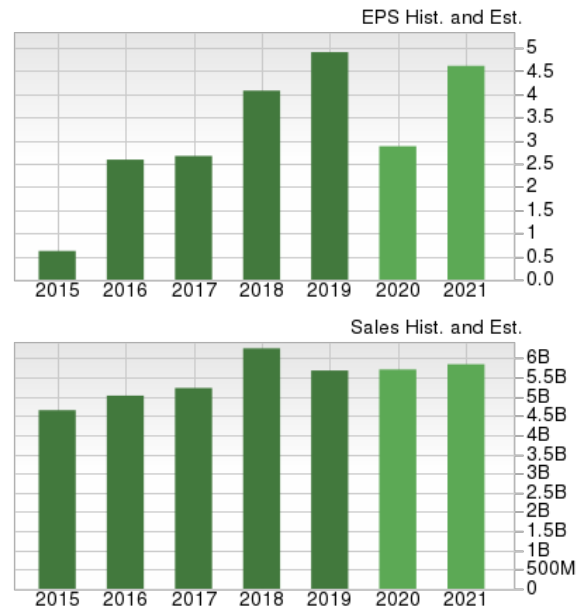
Post Consumer Brands (33% of FY19 sales) consists private label ready-to-eat (RTE) cereal products. Some notable brands of RTE include Honey Bunches of Oats, Pebbles, Oreo O's, Hostess Donettes, Hostess Honey Bun, Great Grains, Grape-Nuts, Post Shredded Wheat, Oh's, Honeycomb, Golden Crisp, Post Raisin Bran, Alpha-Bits, Shreddies, Malt-O-Meal-branded bagged cereal and Mom's Best.

Weetabix (7% of FY19 sales) comprises businesses of Weetabix Limited and its direct subsidiaries. It produces and distributes branded and private label RTE cereal, hot cereals, and other cereal-based food products, breakfast drinks and muesli mostly outside North America. The distribution part takes place through third-party services.

Foodservice (29% of FY19 Sales) engages in the production and distribution of egg and potato products in the foodservice and food ingredient space. It has a wide portfolio of egg products under brands, including Papetti's and Abbotsford Farms, and potato products under several brands, including Simply Potatoes.

Refrigerated Retail (16% of FY19 sales) produces and distributes refrigerated retail products such as egg, cheese and sausage under the brands namely, Michael Foods, Willamette, NPE and Bob Evans. The segment's refrigerated side dish, potato and sausage products are available under the Bob Evans, Bob Evans Farms, Simply Potatoes, Pineland Farms, Owens and Diner's Choice brands.

BellRing Brands (15% of FY19 sales) offers products in the convenient nutrition category, including ready-to-drink ("RTD")



Source: Zacks Investment Research

Reasons To Sell:

▼ **Foodservice Unit Troubled:** Post Holdings' Foodservice sales slumped 41.3% year over year in the third quarter of fiscal 2020. Volumes declined 41.8% due to reduced away-from-home demand in various foodservice channels like full service restaurants, quick service restaurants, lodging, education and travel, thanks to the coronavirus outbreak. Segmental loss was \$40.3 million, down significantly on a year-over-year basis. Although, management expects to see improvement in the Foodservice business during the fiscal fourth quarter it is not expected to reach normal levels.

Continued hike in SG&A expense remain a matter of concern. Also, dismal Foodservice unit is a deterrent.

Moreover, weakness in the Foodservice segment also marred the company's overall sales, which declined 7.1% to \$1,336.4 million in the quarter. Also, the metric missed the Zacks Consensus Estimate of \$1,348 million. We note that, persistence of the trend in the Foodservice unit may continue to exert pressure on the company's top line. Incidentally, shares of the company have lost 21.8% year-to-date compared with the industry's decline of 3.8%.

▼ **Weakness in BellRing Brands:** Post Holdings' BellRing Brands business bore the brunt of coronavirus-induced hurdles. During third-quarter fiscal 2020, segment sales declined 14.1% year over year to \$204.2 million. Revenues in Premier Protein brand, which declined 11.9%, were hurt by reduced customer trade inventory levels of RTD protein shakes as well as lower on-the-go consumption amid the pandemic. Moreover, sales in Dymatize and PowerBar brands fell 16.6% and 44.2%, respectively. Segmental profit declined 45% due to increased marketing and advertising costs along with increased public company expenses. We note that, persistence of the trend is a threat to the company's performance.

▼ **High SG&A Costs a Concern:** The company has been witnessing increasing SG&A expenses for the past few quarters. Notably, the metric increased slightly to \$224.2 million in the third-quarter of fiscal 2020. SG&A expenses, as a percentage of sales, expanded 130 basis points (bps) to 16.8%. Notably, gross profit margin contracted 60 bps to 32.7% in fiscal third quarter.

Prior to this, SG&A expenses, as a percentage of sales, expanded 80 bps and 10 bps, in the first and the second quarter of fiscal 2020, respectively. We believe that persistence of the trend might continue to dent the company's margins.

▼ **Stock Looks Overvalued:** Considering price-to-earnings (P/E) ratio, Post Holdings looks pretty overvalued when compared with the industry over a year. The stock has a trailing 12-month P/E ratio of 23.25X. The trailing 12-month P/E ratio for the industry is 19.01X.

▼ **Intense Competition:** Post Holdings operates in the highly competitive food industry. The company competes with other major players on grounds of pricing, product innovation, brand recognition and loyalty, product quality, effectiveness of marketing and promotional activity and responsiveness to consumers' changing preferences. Such competitive pressures may compel the company to lower prices, which is a threat to its profits.

Risks

- **Coronavirus-Led Demand Drives Post Consumer Brands:** Sales in the Post Consumer Brands segment increased 11.4% year over year to \$528.1 million in the third-quarter of fiscal 2020. Volumes increased 7.5% on the back of higher at-home consumption amid the coronavirus pandemic along with distribution gains from private label. Reduced promotion expenses as well as a balanced mix drove net pricing by 3.4%. Moreover, segmental profit surged 54.3% to \$127.6 million. Adjusted EBITDA in the segment increased 35.3%. We believe that continuation of this trend will likely drive the top line in the future.
 - **Strength in Weetabix Unit:** Post Holdings' Weetabix segment has been performing well in the past few quarters. During third-quarter fiscal 2020, segmental sales increased 3.1% year over year. Volumes increased to the tune of 4.1%, while average net pricing was higher by 2.6%. Volumes gained from higher at-home consumption stemming from increased consumption of biscuit cereal products and favorable impact from food initiatives carried out by the government. Segmental profit of \$32.6 million increased 21.6%. Prior to this, sales in the segment grew 0.6% and 8.9% during the first and the second quarter of fiscal 2020, respectively. We believe that continuation of this trend will likely drive the top line in the future.
 - **Focus on Acquisitions:** The company has been actively pursuing acquisitions to expand the customer base. In this regard, the company's acquisition of Latimer Newco 2 Limited in July 2017 led to the addition of Weetabix North America and Weetabix Limited to its portfolio. The latter has now been operating as one of the five company segments. In April 2017, Post Holdings acquired Bob Evans, which strengthened its position in the foodservice and refrigerated retail channels. Some other notable buyouts included National Pasteurized Eggs, Inc in October 2016 and MOM Brands Company in May 2015.
 - **Debt Analysis:** Post Holdings' cash position remains sufficient to meet current portion of long-term debt of \$36.1 million as of Jun 30, 2020. Further, its long-term debt of \$6,776.9 million (as on Jun 30) declined 5.5% on a quarter-on-quarter basis. Notably, the company drew down \$500 million from its revolving credit facility on Mar 23, 2020 to maintain financial flexibility amid the coronavirus pandemic. During third-quarter fiscal 2020, management paid back \$325 million. Also, the company repaid the remaining \$175 million on Jul 8.
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Last Earnings Report

Post Holdings Q3 Earnings Beat Estimates, Sales Down

Post Holdings reported third-quarter fiscal 2020 results, with the top line declining year over year. Also, sales missed the Zacks Consensus Estimate. Nevertheless, earnings surpassed the consensus mark.

The company witnessed an increase in demand for its products, which are sold online as well as through food, drug, mass, thanks to the coronavirus outbreak-led higher at-home consumption. However, Post Holdings' Foodservice business has been adversely impacted by lower demand from full service restaurants, quick service restaurants, education, and travel and lodging amid the pandemic. Nevertheless, volumes in the Foodservice unit improved in the third quarter from April levels.

Quarter Ending	06/2020
Report Date	Aug 06, 2020
Sales Surprise	-0.85%
EPS Surprise	11.94%
Quarterly EPS	0.75
Annual EPS (TTM)	3.55

Q3 in Detail

Adjusted earnings were 75 cents per share, surpassing the Zacks Consensus Estimate of 67 cents in the fiscal third quarter.

The company registered sales of \$1,336.4 million, reflecting a decline of 7.1% from \$1,439.2 million in the prior-year quarter. Moreover, the figure missed the consensus mark of 1,348 million. The downside was caused by decline in the Foodservice business stemming from reduced away-from-home consumption amid the coronavirus outbreak. Also, sluggishness in BellRing brands due to lower customer trade inventory levels was a reason.

Further, gross profit of \$436.8 million declined 5.5%, whereas the gross margin expanded 60 basis points (bps) to 32.7% in the quarter under review.

Meanwhile, the company witnessed SG&A expenses of \$224.2 million were slightly up from \$223.2 in the year-ago quarter. SG&A expenses, as a percentage of sales, expanded 130 bps to 16.8% in the reported quarter.

Post Holdings generated operating profit of \$172.1 million in the reported quarter. This depicts a decline of 13.2% from \$198.2 million in the year-ago quarter thanks to sluggishness in the Foodservice business.

Adjusted EBITDA declined 14.1% to \$270.9 million from \$315.4 million in the prior-year quarter. For fourth-quarter fiscal 2020, the company anticipates Adjusted EBITDA to be nearly similar to the figure reported in the fiscal third quarter.

Segment Details

Post Consumer Brands: Sales in the segment increased 11.4% year over year to \$528.1 million in the quarter. Volumes increased 7.5% on the back of higher at-home consumption amid the pandemic along with distribution gains from private label. Segmental profit was \$127.6 million, up 54.3% from the prior-year quarter's levels.

Weetabix: Segmental sales increased 3.1% to \$111.8 million in the reported quarter. Volumes increased to the tune of 4.1%, while average net pricing was higher by 2.6%. Volumes gained from higher at-home consumption stemming from increased consumption of biscuit cereal products and favorable impact from food initiatives carried out by the government. Segmental profit of \$32.6 million increased 21.6% year over year.

Foodservice: Sales slumped 41.3% to \$242.3 million in the quarter under review. Volumes declined 41.8% due to reduced away-from-home demand amid COVID-19 in various foodservice channels like full service restaurants, quick service restaurants, lodging, education and travel. Segmental loss was \$40.3 million, down significantly on a year-over-year basis.

Refrigerated Retail: Sales in the segment were \$250.3 million, up 20.9% from the year-ago quarter's levels. Volumes rose 5.1% year over year. Segmental profit of \$42.3 million improved significantly year over year.

BellRing Brands: Sales of \$204.2 million declined 14.1%. Sales in Premier Protein brand, which declined 11.9%, were hurt by reduced customer trade inventory levels of RTD protein shakes as well as lower on-the-go consumption amid coronavirus. Moreover, sales in Dymatize and PowerBar brands fell 16.6% and 44.2%, respectively. Segmental profit of \$30.6 million declined 45% due to increased marketing and advertising costs along with increased public company expenses.

Financial Details

The company concluded the quarter with cash and cash equivalents of \$1,043.6 million, long-term debt of \$6,776.9 million and shareholders' equity of \$2,879.6 million.

Cash provided by operating activities was \$408.4 million at the end of nine months ended Jun 30, 2020. During the quarter under review, Post Holdings bought back 0.4 million shares worth \$33.1 million. Further, the company approved a new share repurchase program of \$400 million on Aug 4, 2020.

Valuation

Post Holdings' shares are down 21.8% in the year-to-date period and 19.8% over the trailing 12-month period. Stocks in the Zacks sub-industry are down 3.8% in the year-to-date period, while the Zacks Consumer Staples sector is down 5.5%. Over the past year, the Zacks sub-industry is up 0.3%, while the sector declined 4.1%.

The S&P 500 index is up 5.1% in the year-to-date period and 13.1% in the past year.

The stock is currently trading at 18.75X forward 12-month earnings, which compares to 18.8X for the Zacks sub-industry, 19.98X for the Zacks sector and 22.39X for the S&P 500 index.

Over the past five years, the stock has traded as high as 87.69X and as low as 13.86X, with a 5-year median of 20.22X. Our Underperform recommendation indicates that the stock will perform worse than the market. Our \$73 price target reflects 16.05X forward 12-month earnings.

The table below shows summary valuation data for POST

Valuation Multiples - POST					
		Stock	Sub-Industry	Sector	S&P 500
P/E F12M	Current	18.75	18.8	19.98	22.39
	5-Year High	87.69	22.9	22.37	23.44
	5-Year Low	13.86	14.74	16.62	15.26
	5-Year Median	20.22	18.57	19.64	17.63
P/S F12M	Current	0.99	1.68	9.63	4.12
	5-Year High	1.38	2.05	11.15	4.29
	5-Year Low	0.63	1.4	8.12	3.11
	5-Year Median	1.01	1.74	9.89	3.66
EV/EBITDA F12M	Current	9.53	12.95	35.43	17.1
	5-Year High	11.04	14.65	37.49	18.75
	5-Year Low	8.02	10.81	25.75	12.92
	5-Year Median	9.58	13.09	33.83	15.66

As of 09/15/2020

Source: Zacks Investment Research

Industry Analysis Zacks Industry Rank: Bottom 32% (171 out of 251)



Source: Zacks Investment Research

Top Peers

Company (Ticker)	Rec	Rank
Flowers Foods, Inc. (FLO)	Outperform	2
MEDIFAST INC (MED)	Outperform	1
TreeHouse Foods, Inc. (THS)	Outperform	2
BG Foods, Inc. (BGS)	Neutral	2
Lamb Weston Holdings Inc. (LW)	Neutral	4
McCormick Company, Incorporated (MKC)	Neutral	3
TateLyle PLC (TATYY)	Neutral	2
Ingredion Incorporated (INGR)	Underperform	5

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

Industry Comparison Industry: Food - Miscellaneous				Industry Peers		
	POST	X Industry	S&P 500	FLO	INGR	MKC
Zacks Recommendation (Long Term)	Underperform	-	-	Outperform	Underperform	Neutral
Zacks Rank (Short Term)	5	-	-	2	5	3
VGM Score	A	-	-	A	A	C
Market Cap	5.77 B	3.41 B	23.70 B	4.92 B	5.43 B	26.69 B
# of Analysts	4	3	13.5	3	1	6
Dividend Yield	0.00%	0.00%	1.61%	3.44%	3.11%	1.24%
Value Score	B	-	-	B	B	D
Cash/Price	0.19	0.09	0.07	0.06	0.20	0.01
EV/EBITDA	13.35	12.32	13.22	14.30	7.39	26.78
PEG F1	4.23	5.40	2.98	NA	NA	6.04
P/B	2.02	2.35	3.26	3.68	2.04	7.29
P/CF	8.32	11.68	12.81	14.12	8.11	30.39
P/E F1	29.60	18.54	21.70	19.07	14.43	34.85
P/S TTM	1.01	1.31	2.45	1.16	0.92	4.92
Earnings Yield	3.38%	5.13%	4.39%	5.24%	6.93%	2.87%
Debt/Equity	2.35	0.55	0.70	0.77	0.80	1.12
Cash Flow (\$/share)	10.24	2.75	6.93	1.65	10.01	6.59
Growth Score	B	-	-	A	A	B
Historical EPS Growth (3-5 Years)	27.01%	5.17%	10.41%	2.64%	0.68%	12.19%
Projected EPS Growth (F1/F0)	-41.34%	2.45%	-4.75%	27.08%	-15.49%	7.44%
Current Cash Flow Growth	5.71%	4.54%	5.26%	1.85%	-10.22%	7.80%
Historical Cash Flow Growth (3-5 Years)	34.52%	6.08%	8.49%	1.66%	2.71%	9.99%
Current Ratio	2.85	1.65	1.35	1.58	2.20	1.02
Debt/Capital	70.18%	35.90%	42.95%	43.44%	44.53%	52.90%
Net Margin	-2.05%	2.97%	10.25%	2.29%	5.92%	13.74%
Return on Equity	8.53%	9.73%	14.66%	18.50%	15.63%	21.34%
Sales/Assets	0.48	1.02	0.50	1.29	0.96	0.52
Projected Sales Growth (F1/F0)	0.48%	0.00%	-1.40%	5.02%	0.00%	3.38%
Momentum Score	A	-	-	C	D	F
Daily Price Change	3.31%	0.14%	0.14%	0.00%	1.19%	0.12%
1-Week Price Change	-6.56%	-1.06%	-1.87%	-2.66%	-3.09%	-1.59%
4-Week Price Change	-2.37%	-0.07%	0.12%	-7.25%	2.57%	-1.06%
12-Week Price Change	-4.30%	6.01%	7.05%	4.68%	-3.47%	16.21%
52-Week Price Change	-19.81%	-2.51%	1.26%	2.29%	-1.93%	26.02%
20-Day Average Volume (Shares)	462,112	162,857	1,845,558	600,846	420,607	390,150
EPS F1 Estimate 1-Week Change	0.00%	0.00%	0.00%	0.00%	0.00%	-0.26%
EPS F1 Estimate 4-Week Change	0.00%	0.00%	0.00%	0.00%	-10.94%	-0.26%
EPS F1 Estimate 12-Week Change	-15.85%	3.27%	4.10%	11.93%	-12.87%	9.60%
EPS Q1 Estimate Monthly Change	0.00%	0.00%	0.00%	0.00%	NA	-0.58%

Source: Zacks Investment Research

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.

Value Score	B
Growth Score	B
Momentum Score	A
VGM Score	A

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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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 a 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.