

The Clorox Company (CLX)

\$209.59 (As of 09/15/20)

Price Target (6-12 Months): **\$220.00**

Long Term: 6-12 Months

Zacks Recommendation:

Neutral

(Since: 08/05/20)

Prior Recommendation: Outperform

Short Term: 1-3 Months

Zacks Rank: (1-5)

3-Hold

Zacks Style Scores:

VGM:B

Value: D

Growth: A

Momentum: B

Summary

Clorox's shares have outpaced the industry year to date. The company delivered a robust fourth-quarter fiscal 2020, wherein top and bottom lines beat the Zacks Consensus Estimate and grew year over year. While higher sales and gains from cost savings aided bottom line, volume growth and higher organic sales drove top line. Further, persistently strong demand globally for cleaning and disinfecting products, aggressive investments in its global portfolio and minimal disruptions in its extended supply chain are likely to reflect in fiscal 2021 performance. It envisions earnings per share between a mid-single-digit decline and a mid-single-digit rise. Moreover, the view includes gains from its recently increased stake in the Kingdom of Saudi Arabia joint venture. The venture is likely to drive growth at its international unit as well.

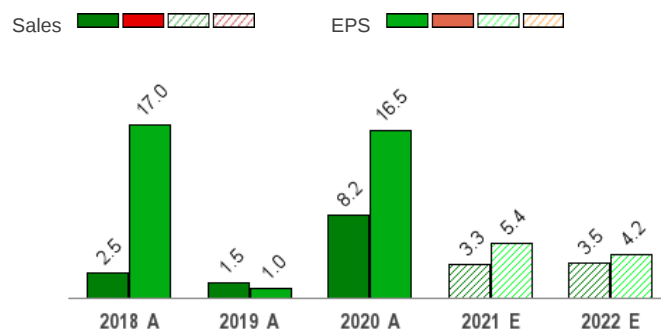
Price, Consensus & Surprise



Data Overview

52-Week High-Low	\$239.87 - \$144.12
20-Day Average Volume (Shares)	1,575,784
Market Cap	\$26.5 B
Year-To-Date Price Change	36.5%
Beta	0.23
Dividend / Dividend Yield	\$4.44 / 2.1%
Industry	Soap and Cleaning Materials
Zacks Industry Rank	Top 20% (49 out of 251)

Sales and EPS Growth Rates (Y/Y %)



Last EPS Surprise	20.5%
Last Sales Surprise	6.8%
EPS F1 Estimate 4-Week Change	0.0%
Expected Report Date	10/29/2020
Earnings ESP	0.0%
P/E TTM	28.5
P/E F1	27.0
PEG F1	5.0
P/S TTM	3.9

Sales Estimates (millions of \$)

	Q1	Q2	Q3	Q4	Annual*
2022	1,762 E	1,750 E	1,815 E	1,864 E	7,189 E
2021	1,744 E	1,656 E	1,718 E	1,792 E	6,943 E
2020	1,506 A	1,449 A	1,783 A	1,983 A	6,721 A

EPS Estimates

	Q1	Q2	Q3	Q4	Annual*
2022	\$2.04 E	\$1.80 E	\$1.92 E	\$2.07 E	\$8.09 E
2021	\$2.39 E	\$1.70 E	\$1.68 E	\$1.90 E	\$7.76 E
2020	\$1.59 A	\$1.46 A	\$1.89 A	\$2.41 A	\$7.36 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

Headquartered in Oakland, CA, The Clorox Company is engaged in the production, marketing and sale of consumer products in the U.S. and international markets. The company sells its products primarily through mass merchandisers, grocery stores and other retail outlets. Clorox markets some of the most trusted and recognized brands, including its namesake bleach and cleaning products, Green Works natural cleaners and laundry products, Poett and Mistolin cleaning products, Armor All and STP auto-care products, Fresh Step and Scoop Away cat litter, Kingsford charcoal, Hidden Valley and K C Masterpiece dressings and sauces, Brita water-filtration systems, Glad bags, wraps and containers, and Burt's Bees natural personal care products. The company manufactures products in over 24 countries and markets them in more than 100 countries.

In fourth-quarter fiscal 2020, the company realigned its Cleaning segment through operational and systems integration. The segment is now called Health and Wellness. As part of the operational and system integration, the company's Digestive Health and Dietary Supplements business units were combined into a new business unit named Vitamins, Minerals and Supplements, while the Laundry and Home Care business units were combined to create the Cleaning business unit. These two newly formed business units as well as the Professional Products business unit collectively make the company's new Health and Wellness segment.

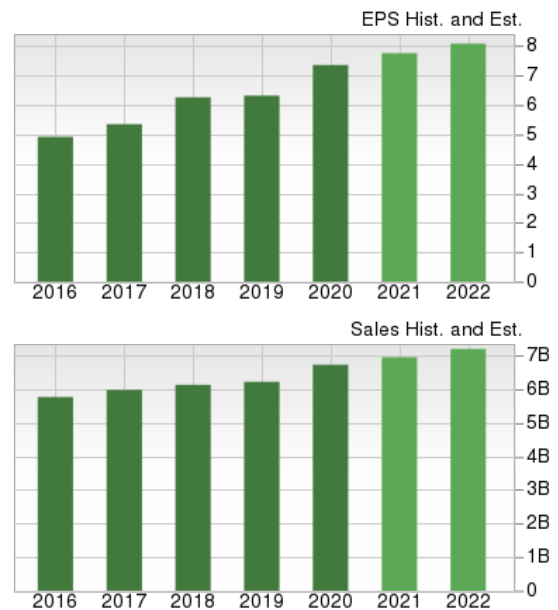
The company operates through the following business units:

Health and Wellness: This new segment represents 40.9% of fiscal 2020 Net Sales.

Household (26.7%) consists of charcoal, cat litter and plastic bags, wraps and containers, marketed and sold in the United States.

Lifestyle (17.2%) consists of food products and water-filtration systems and filters, marketed and sold in the United States, along with all natural personal care products.

International (15.2%) consists of products sold outside the United States.



Source: Zacks Investment Research

Reasons To Buy:

- ▲ **Upbeat Q4 Performance, Stock Outperforms:** Shares of Clorox have appreciated 36.5% year to date, outperforming the industry's 11.7% gain. Moreover, the company has delivered a sturdy fourth-quarter fiscal 2020 results, wherein earnings and sales beat the Zacks Consensus Estimate and grew year over year. Robust demand for disinfecting and cleaning products due to the coronavirus outbreak and broad-based growth at all segments primarily aided results. Also, the company's IGNITE strategy and product portfolio bode well. While higher sales and gains from cost savings aided bottom line, robust volume growth across all segments and higher organic sales drove top line.

Clorox's gross margin grew 170 bps in fourth-quarter fiscal 2020, driven by volume increases, cost savings and favorable mix. This marked the seventh-straight quarter of gross margin expansion.

Further, Clorox provided fiscal 2021 outlook based on the current trends and some assumptions. These include persistence of strong demand globally for cleaning and disinfecting products, aggressive investments in its global portfolio and minimal disruptions in its extended supply chain and other operations. Backed by the factors, the company predicts flat to low-single-digit sales growth in fiscal 2021. Further, organic sales are expected to be flat to up in low-single digits. Management anticipates fiscal 2021 earnings per share between a mid-single-digit decline and a mid-single-digit rise. Moreover, earnings per share are expected to include 45-53 cents of contribution from its recently increased stake in the Kingdom of Saudi Arabia joint venture.

- ▲ **IGNITE Strategy:** Clorox is on track with the IGNITE strategy, its latest and integrated strategy, formulated on a sturdy foundation of its 2020 Strategy. This initiative mainly focuses on the expansion of the key elements under the 2020 Strategy to pace up innovation in each area of business. As a result, the company will be able to boost overall growth and reinforce competitive advantage, hence boost shareholder value. The IGNITE strategy mainly binds Clorox on four strategic areas namely, fuel growth through brand reinvestments, innovate to deliver enhanced customer experience, develop product portfolio, and re-imagine the company's operations. IGNITE's main principle is 'Innovating for Good Growth', delivering sustainable and responsible growth. IGNITE strategy encompasses the long-term financial targets of achieving net sales growth of 2-4%, EBIT margin expansion of 25-50 basis points (bps) and free cash flow generation of 11-13% of sales.
- ▲ **Strategic Innovations:** Clorox's diversified brand portfolio positions it well ahead of peers to generate above-average industry growth and sustain it in the currently challenging environment. Further, it remains committed to investing in innovative products and platforms to deliver frictionless shopping experiences. In fourth-quarter fiscal 2020, the company witnessed significant top-line gains through innovations in various categories including professional products. Also, the company saw share growth in its Glad trash bag segment, buoyed by robust innovation. It rolled out an experiential Glad ForceFlex trash bags with unique fragrances and colors in the previous quarter and early feedback has been positive. Notably, Clorox's innovation pipeline encompasses innovation in Bags, Wraps and Natural Personal Care. Moreover, the Kingsford pellet innovation bodes well. For fiscal 2021, Clorox remains focused on making investments in its differentiated platform along with more innovation plans. Its innovation line up includes a new squeezezy lip color line launched in July along with CBD personal-care products rolling out in the fall.
- ▲ **Cost Saving & Productivity Initiatives:** Clorox remains on track with its cost-saving and productivity initiatives. Backed by the IGNITE strategy, Clorox aims at higher cost savings annually by emphasizing more on technology and integrated design. With this, it expects to achieve EBIT margin expansion of 175 basis points annually. Further, the company's cost-based pricing strategy has enabled it to address the inflationary environment that has persisted for over three years. These cost-saving and pricing actions should continue to support its investment in long-term brands and category growth. In the fiscal fourth quarter, Clorox witnessed gross margin expansion of 170 basis points, driven by gains from cost savings, double-digit volumes and favorable mix. Notably, the cost-savings program has meaningfully contributed in generating year-over-year gross-margin expansion for the seventh consecutive quarter.
- ▲ **International Business Strength:** Clorox is witnessing strong progress in the core International business as it continues to build on the success of the segment's Go Lean strategy. These efforts will help in accelerating profitable growth for the segment. During fourth-quarter fiscal 2020, sales at the International segment increased 12% on robust demand for cleaning and disinfecting products as well as other household items. Further, organic sales for the segment rose 24%. Driven by its IGNITE Strategy, which aims to improve profitability in International business, the company expects to invest selectively in profitable platforms. Furthermore, management continues to explore international opportunities, including the recent acquisition of a majority stake in its joint venture in the Kingdom of Saudi Arabia. Management believes that this acquisition is likely to boost long-term growth in the international segment.
- ▲ **Financial Status:** Although Clorox's long-term debt (including operating lease liabilities) of \$3,058 million increased 19.2% sequentially at the end of fourth-quarter fiscal 2021, its debt-to-capitalization ratio of 0.77 at the end of fiscal fourth quarter shows a decline from 0.79 at the end of the preceding quarter. Again, the company's cash and cash equivalents of \$871 million as of Jun 30, 2020, shows a sequential increase of 75.6% and looks sufficient to fund its short-term obligations of \$0.6 million. In fiscal 2020, the company generated \$1.5 billion of net cash from continuing operations.

In addition, Clorox looks well placed on the dividend-payout front. In May, the company announced that its board hiked quarterly cash dividend by 5% to \$1.11 per share from \$1.06 per share. The new dividend is payable on Aug 14, 2020 to its shareholders of record as of Jul 29. We note that the company's current annualized dividend rate of \$4.44 a share reflects a 4.7% increase from the year-ago period. Notably, Clorox has a dividend payout of 60.4%, dividend yield of 1.9% and free cash flow yield of 3.2%. With an annual free cash flow return on investment of 31.3%, ahead of the industry's nearly 22.6%; the dividend payment is likely to be sustainable.

Reasons To Sell:

▼ **Valuation Looks Stretched:** Considering Price-to-Earnings (P/E) ratio, Clorox looks pretty overvalued when compared with the industry and the S&P 500. The stock has a trailing 12-month P/E of 28.52x compared with 21.32x for the industry and 24.14x for the S&P 500. Its trailing 12-month P/E ratio is above the median level of 26.6x and below the high level of 32.35x, scaled in the past year.

▼ **Higher Costs to Linger:** Clorox continued to witness gross margin expansion in the fiscal fourth quarter. However, growth was partly marred by higher expenses for manufacturing and logistics. This, along with increased selling and administrative costs and advertising investments, partly hurt the bottom line. Selling and administrative expenses, as a percentage of sales, increased 80 bps to 14.1% due to higher incentive compensation year over year. Further, advertising and sales promotion investments, as a percentage of sales, were 11%, up nearly 0.5% from the year-ago period, while spending for the U.S. retail business was roughly 12% of sales. The company invested \$70 million more year over year in the second half of fiscal 2020, associated with aggressive investments to drive long-term growth.

For fiscal 2021, advertising and sales promotion spending is anticipated to increase to 11% of sales. Selling and administrative expenses are projected to be 14% of sales. Moreover, management expects to increase brand investments to address the unprecedented demand for its products. Meanwhile, the company will continue investing in expanding its production capacity to resonate well with the ongoing elevated demand.

▼ **Currency Headwinds:** Clorox's significant international presence exposes it to major foreign currency risks, which have been weighing on the company's performance. Net sales for the fiscal fourth quarter included 2 percentage points of negative impacts of foreign currency translations. Unfavorable currency fluctuations also hurt gross margin in the reported quarter. Additionally, adverse currency effects of 12 percentage points marred sales for the International segment. The company's sales view for fiscal 2021 reflects about 1 point of negative impact from foreign exchange.

▼ **Competitive Pressure:** Clorox faces intense competition from other well-established players in the consumer products industry, such as Church & Dwight, Colgate, and Procter & Gamble on the basis of pricing, promotional activities and new product introductions. The failure to offer exclusive high-quality products at competitive prices may hamper the company's market share, and in turn, dent its top- and bottom-line performances.

Clorox's gross margin gains in fiscal fourth quarter were partly negated by higher manufacturing and logistics expenses. Selling and administrative costs, as a rate of sales, increased 80 bps.

Last Earnings Report

Clorox Beats Q4 Earnings & Sales Estimates

Clorox has reported robust fourth-quarter fiscal 2020 results, wherein earnings and sales beat the Zacks Consensus Estimate and grew year over year. Robust demand for disinfecting and cleaning products due to the coronavirus outbreak, and broad-based growth at all segments primarily aided results.

Q4 Highlights

Quarterly earnings from continuing operations of \$2.41 per share increased about 28% year over year and beat the Zacks Consensus Estimate of \$2.00. The upside was mainly driven by higher net sales and gains from cost-savings, which aided margins. Nonetheless, increased selling and administrative costs, manufacturing and logistics costs, and advertising investments partly hurt the bottom line.

The company posted net sales of \$1,983 million, up nearly 22% year over year and surpassing the Zacks Consensus Estimate of \$1,858 million. This was backed double-digit volume growth across all segments, fueled by strong demand for its products due to the coronavirus outbreak and the stay-at-home trend. However, growth was partly offset by 2 points of adverse foreign currency impact. Organic sales increased 24% in the quarter.

Gross margin expanded 170 basis points (bps) to 46.8% in the fiscal fourth quarter. This marked the company's seventh-straight quarter of gross margin expansion. The rise in gross margin was driven by gains from cost savings and double-digit volume growth, somewhat marred by higher expenses for manufacturing and logistics.

Segmental Discussion

Sales of the **Health and Wellness** segment rose 33% at \$805 million on double-digit growth in two of the aforesaid three business units. Robust gains from the increased demand for disinfecting and cleaning products across the Cleaning and Professional Products units due to COVID-19 were the primary growth drivers.

The **Household** segment's sales rose 17% to \$612 million, driven by growth across all business units. Particularly, the company witnessed strong double-digit growth in Bags and Wraps, and Grilling businesses, owing to a much stronger consumer demand, aided by innovation.

Sales at the **Lifestyle** segment grew 16% to \$298 million on double-digit sales growth in the Food and Water Filtration businesses, owing to strong consumer demand.

At the **International** segment, sales increased 12% to \$268 million from the year-ago quarter on robust demand for cleaning and disinfecting products as well as other household items. Though sales were hurt by 12 points of negative currency impact, this was partly mitigated by strong pricing action implemented prior to the pandemic. Organic sales for the segment rose 24%.

Financials

Clorox ended fiscal 2020 with cash and cash equivalents of \$871 million, and long-term debt of \$2,780 million. In fiscal 2020, the company generated \$1.5 billion of net cash from continuing operations.

Fiscal 2021 Guidance

Though there remains uncertainty about the future business trends, owing to the COVID-19 outbreak, Clorox provided its outlook for fiscal 2021 based on the current trends and some assumptions. These include persistent strong demand globally for cleaning and disinfecting products, aggressive investments in its global portfolio, discretionary pressures on consumers due to the ongoing recession, and minimal disruptions in its extended supply chain and other operations.

Backed by the factors, the company predicts flat to low-single-digit sales growth in fiscal 2021. This is likely to be driven by the persistence of elevated consumer demand through the first half of fiscal 2021, followed by a decelerating demand in the second half on the lapping of the initial spike in demand due to the COVID-19 outbreak in the second half of fiscal 2020. Organic sales for fiscal 2021 are expected to be flat to up in low-single digits.

Moreover, advertising and sales promotion spending is anticipated to increase to 11% of sales. Selling and administrative expenses are projected to be 14% of sales. The company envisions effective tax rate of 22-23% for fiscal 2021.

Management anticipates fiscal 2021 earnings per share between a mid-single-digit decline and a mid-single-digit rise. Moreover, earnings per share are expected to include 45-53 cents of contribution from its recently increased stake in the Kingdom of Saudi Arabia joint venture. This one-time non-cash gain due to fair value adjustments of the previously held stake is expected to be recorded in first-quarter fiscal 2021.

Quarter Ending	06/2020
Report Date	Aug 03, 2020
Sales Surprise	6.75%
EPS Surprise	20.50%
Quarterly EPS	2.41
Annual EPS (TTM)	7.35

Recent News

Clorox Raises Quarterly Dividend – May 19, 2020

Clorox's board recently hiked quarterly cash dividend by 5% to \$1.11 per share from \$1.06 per share, to be payable on Aug 14, 2020 to its shareholders of record as of Jul 29.

Valuation

Clorox shares are up 36.5% in the year-to-date period and 34.8% over the trailing 12-month period. Stocks in the Zacks sub-industry is up 11.7%, while the Zacks Consumer Staples sector is down 5.5%, in the year-to-date period. Over the past year, the Zacks sub-industry is up 11% but the sector is down 4%.

The S&P 500 index is up 5% in the year-to-date period and 13.1% in the past year.

The stock is currently trading at 26.77X forward 12-month earnings, which compares to 24.27X for the Zacks sub-industry, 19.8X 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 32.15X and as low as 18.27X, with a 5-year median of 23.99X. Our Neutral recommendation indicates that the stock will perform in line with the market. Our \$220 price target reflects 28.1X forward 12-month earnings.

The table below shows summary valuation data for CLX

Valuation Multiples - CLX					
		Stock	Sub-Industry	Sector	S&P 500
P/E F12M	Current	26.77	24.27	19.8	22.39
	5-Year High	32.15	24.27	22.37	23.44
	5-Year Low	18.27	17.89	16.62	15.26
	5-Year Median	23.99	21.32	19.64	17.63
P/S F12M	Current	3.78	2.91	9.54	4.12
	5-Year High	4.36	2.91	11.15	4.29
	5-Year Low	2.34	2.02	8.12	3.11
	5-Year Median	2.89	2.36	9.89	3.66
EV/EBITDA TTM	Current	19.51	13.36	38.09	14.64
	5-Year High	21.95	14.72	45.11	15.61
	5-Year Low	12.73	9.26	27.23	9.51
	5-Year Median	15.24	11.17	38.43	13

As of 09/15/2020

Source: Zacks Investment Research

Industry Analysis Zacks Industry Rank: Top 20% (49 out of 251)



Source: Zacks Investment Research

Top Peers

Company (Ticker)	Rec	Rank
Unilever NV (UN)	Outperform	2
ChurchDwight Co., Inc. (CHD)	Neutral	3
ColgatePalmolive Company (CL)	Neutral	3
Henkel AGCo. (HENKY)	Neutral	2
KimberlyClark Corporation (KMB)	Neutral	3
ProcterGamble Company The (PG)	Neutral	3
Reckitt Benckiser Group PLC (RBGLY)	Neutral	3
Unilever PLC (UL)	Neutral	2

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

Industry Comparison Industry: Soap And Cleaning Materials				Industry Peers		
	CLX	X Industry	S&P 500	CHD	CL	KMB
Zacks Recommendation (Long Term)	Neutral	-	-	Neutral	Neutral	Neutral
Zacks Rank (Short Term)	3	-	-	3	3	3
VGM Score	B	-	-	B	C	A
Market Cap	26.45 B	65.97 B	23.70 B	22.83 B	65.97 B	49.96 B
# of Analysts	7	7.5	13.5	10	8	6
Dividend Yield	2.12%	1.96%	1.61%	1.04%	2.29%	2.92%
Value Score	D	-	-	D	C	C
Cash/Price	0.03	0.05	0.07	0.02	0.02	0.03
EV/EBITDA	19.37	18.12	13.22	23.63	18.12	14.56
PEG F1	4.95	3.77	2.98	3.70	4.42	3.50
P/B	29.13	5.76	3.26	7.61	90.12	100.92
P/CF	23.64	20.86	12.81	28.33	22.28	15.23
P/E F1	27.01	24.89	21.70	32.80	26.01	19.04
P/S TTM	3.94	4.04	2.45	4.97	4.14	2.65
Earnings Yield	3.70%	4.02%	4.39%	3.05%	3.85%	5.25%
Debt/Equity	3.06	0.60	0.70	0.60	9.40	14.59
Cash Flow (\$/share)	8.87	3.45	6.93	3.26	3.45	9.62
Growth Score	A	-	-	A	A	A
Historical EPS Growth (3-5 Years)	8.08%	8.08%	10.41%	12.34%	0.87%	5.37%
Projected EPS Growth (F1/F0)	5.43%	3.43%	-4.75%	13.97%	4.51%	11.66%
Current Cash Flow Growth	11.90%	11.90%	5.26%	12.70%	-4.58%	3.32%
Historical Cash Flow Growth (3-5 Years)	7.62%	5.95%	8.49%	9.63%	-1.27%	2.19%
Current Ratio	1.42	0.92	1.35	1.28	0.92	0.91
Debt/Capital	75.38%	37.66%	42.95%	37.66%	90.39%	93.59%
Net Margin	13.97%	14.84%	10.25%	15.70%	16.13%	13.58%
Return on Equity	138.70%	27.56%	14.66%	25.58%	559.34%	1,319.56%
Sales/Assets	1.17	0.86	0.50	0.66	1.06	1.21
Projected Sales Growth (F1/F0)	3.30%	1.84%	-1.40%	9.44%	1.84%	2.27%
Momentum Score	B	-	-	C	F	B
Daily Price Change	-3.62%	0.34%	0.14%	-0.42%	-0.27%	-1.36%
1-Week Price Change	0.70%	0.97%	-1.87%	-0.46%	-0.60%	-2.45%
4-Week Price Change	-8.14%	-0.91%	0.12%	-4.28%	-0.91%	-7.07%
12-Week Price Change	-1.78%	10.11%	7.05%	19.74%	5.51%	4.21%
52-Week Price Change	34.75%	12.28%	1.26%	26.91%	10.14%	11.04%
20-Day Average Volume (Shares)	1,575,784	905,672	1,845,558	1,030,717	2,951,521	1,321,671
EPS F1 Estimate 1-Week Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
EPS F1 Estimate 4-Week Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.04%
EPS F1 Estimate 12-Week Change	7.33%	4.01%	4.10%	3.49%	3.09%	1.12%
EPS Q1 Estimate Monthly Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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	D
Growth Score	A
Momentum Score	B
VGM Score	B

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

Disclosures

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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.