

STERIS plc (STE)

\$193.49 (As of 12/04/20)

Price Target (6-12 Months): **\$223.00**

Long Term: 6-12 Months

Zacks Recommendation:

Neutral

(Since: 12/04/20)

Prior Recommendation: Outperform

Short Term: 1-3 Months

Zacks Rank: (1-5)

3-Hold

Zacks Style Scores:

VGM:B

Value: C

Growth: B

Momentum: A

Summary

STERIS saw solid revenue growth across its Life Sciences and Applied Sterilization Technologies segments in the second-quarter of fiscal 2021 despite the pandemic. Elevated consumer demand, rebound in procedure volumes and strength in segments catering to COVID-19-related products and services, are encouraging. Expansion in both margins is also promising. An increase in free cash flow and a strong solvency position instill optimism. STERIS' second-quarter results were better-than-expected. Over the past six months, STERIS has outperformed the industry it belongs to. Yet, a dismal performance by the Healthcare arm is concerning. STERIS' decision to not provide any financial guidance for fiscal 2021 on pandemic-led uncertainties is also worrying. Stiff competition, unstable global macroeconomy and customer consolidation are other headwinds.

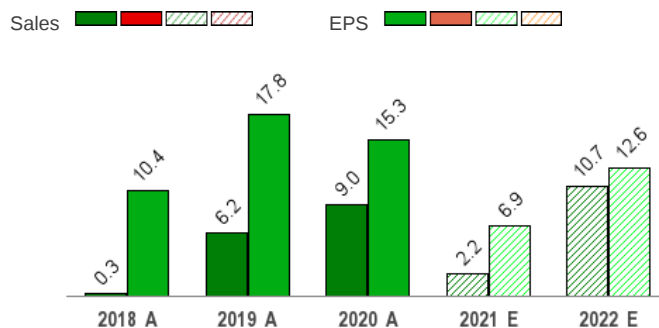
Price, Consensus & Surprise



Data Overview

52-Week High-Low	\$196.80 - \$105.69
20-Day Average Volume (Shares)	346,212
Market Cap	\$16.5 B
Year-To-Date Price Change	26.9%
Beta	0.61
Dividend / Dividend Yield	\$1.60 / 0.8%
Industry	Medical - Instruments
Zacks Industry Rank	Bottom 34% (168 out of 254)

Sales and EPS Growth Rates (Y/Y %)



Last EPS Surprise	19.4%
Last Sales Surprise	7.2%
EPS F1 Estimate 4-Week Change	1.9%
Expected Report Date	NA
Earnings ESP	0.0%

P/E TTM	32.9
P/E F1	32.1
PEG F1	NA
P/S TTM	5.5

Sales Estimates (millions of \$)

	Q1	Q2	Q3	Q4	Annual*
2022	800 E	840 E	865 E	922 E	3,428 E
2021	669 A	756 A	796 E	877 E	3,097 E
2020	697 A	737 A	774 A	823 A	3,031 A

EPS Estimates

	Q1	Q2	Q3	Q4	Annual*
2022	\$1.57 E	\$1.66 E	\$1.72 E	\$1.89 E	\$6.79 E
2021	\$1.31 A	\$1.48 A	\$1.56 E	\$1.74 E	\$6.03 E
2020	\$1.23 A	\$1.32 A	\$1.45 A	\$1.64 A	\$5.64 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 12/04/2020. The reports text is as of 12/07/2020.

Overview

STERIS plc, headquartered in Ohio, develops, manufactures and markets infection prevention, decontamination, microbial reduction, and surgical and gastrointestinal support products and services. The legacy company was originally known as STERIS Corporation. On Nov 2, 2015, STERIS completed the acquisition of Synergy Health plc following which it was re-registered under the name – STERIS plc.

Currently, STERIS serves healthcare, pharmaceutical, research, industrial and governmental customers across the globe. The majority of STERIS' revenues is derived from the healthcare and pharmaceutical industries. STERIS provides its products and services in more than 60 countries. The company's key areas of strategic focus include developing its customer base in Europe, the Middle East and the Asia Pacific region.

Post the combination with Synergy Health, STERIS now operates in three business segments:

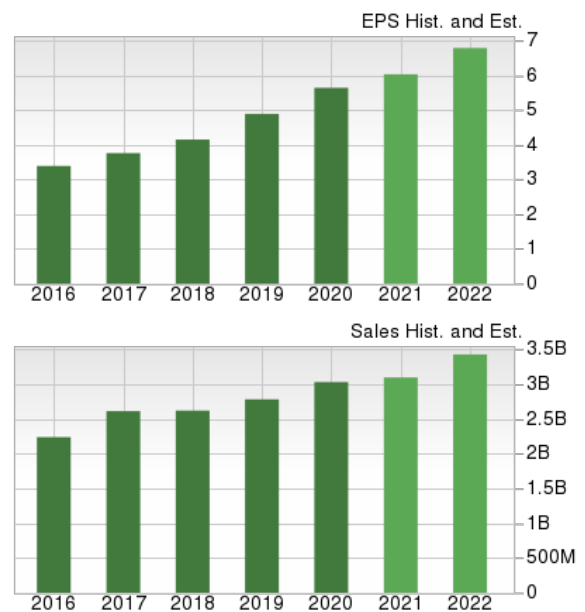
Healthcare Products (47.8% of total revenue in FY20, up 4.7% from FY19): This is the biggest segment, which offers infection prevention and procedural solutions for global healthcare providers, including capital equipment and related maintenance and installation services, as well as consumables.

Healthcare Specialty Services (18.3%, up 10.9%): This segment provides a range of specialty services for healthcare providers including hospital sterilization services, instrument and scope repairs and linen management. Effective Apr 1, Healthcare Products and Healthcare Specialty Services arms will be combined and reported as Healthcare.

Life Sciences (13.3%, up 2.8%): This segment offers capital equipment and consumable products and equipment maintenance and specialty services for pharmaceutical manufacturers and research facilities.

Applied Sterilization Technologies (19.8%, up 10.9%): This segment offers contract sterilization and laboratory services for medical device and pharmaceutical customers and others.

STERIS divested the Synergy Health Healthcare Consumable Solutions ("HCS") business in fiscal 2018.



Source: Zacks Investment Research

Reasons To Buy:

▲ **Share Price Performance:** Over the past six months, STERIS has outperformed the industry it belongs to. The stock has gained 16.9% compared to the industry's 15.2% rise. STERIS exited second-quarter fiscal 2021 with better-than-expected results. The company witnessed solid revenue growth across its Life Sciences and Applied Sterilization Technologies segments despite the coronavirus pandemic. Contributions from elevated consumer demand and rebound in procedure volumes, along with strength in segments catering to COVID-19-related products and services, are encouraging. Expansion in both margins during the quarter is also promising. An increase in free cash flow instills optimism. An overall strong solvency position instills optimism.

With the Synergy Health deal now over, STERIS' combined business is expected to gain larger market share overseas. Additionally, STERIS' strong cash balance position is also encouraging.

▲ **Strong Segmental Business Amid Pandemic:** In the second quarter of fiscal 2021, STERIS' Life Sciences segment rose 16% at constant exchange rate or CER organic basis on 31% growth in consumable revenues, 3% rise in service revenues and 10% improvement in capital equipment revenues.

On the other hand, revenues at Applied Sterilization Technologies improved 9% at CER organic basis. CER organic revenues reflected increased demand from medical device customers on a rebound in procedure volumes during the quarter.

▲ **STERIS' Infection Prevention and Sterilization Wing Grows Well Globally:** With the acquisition of U.K.-based outsourced sterilization services provider Synergy Health, STERIS has become the new global leader in infection prevention and sterilization. The company is currently providing improved healthcare services to medical device companies, pharma companies, hospitals and other healthcare facilities across the globe.

The company continues to benefit from the acquisition of Synergy Health. The consolidation, since its inception has boosted STERIS' presence in the international markets as it combines STERIS' strong presence in North America with Synergy's solid footprint across Europe. It has also provided STERIS an opportunity to better serve the emerging markets of Asia-Pacific and Latin America.

▲ **High Potential in Healthcare and Pharmaceutical Industries:** The bulk of STERIS' revenues are obtained from the healthcare and pharmaceutical industries. Growth in these industries is primarily driven by the aging of the global population, as an increasing number of individuals are entering their prime healthcare consumption years.

Further these industries are dependent upon advancement in healthcare delivery, acceptance of new technologies, government policies and general economic conditions. With life expectancy on the rise globally, a larger aging population increases the demand for medical procedures. This, in turn, translates into higher consumption of single use medical devices and surgical kits processed by STERIS.

▲ **Overall Strong Solvency Position:** STERIS exited the second quarter of fiscal 2021 with cash and cash equivalents of \$312 million compared with \$256 million witnessed at the end of fiscal first quarter. Meanwhile, total debt came up to \$1.02 billion, a slight decline from the sequentially-last-reported figure of \$1.20 billion. Although, the quarter's total debt was much higher than the corresponding cash and cash equivalent level, the company does not have any current-year-payable debt on its balance sheet. This is good news in terms of the company's solvency level as, at least during the year of global pandemic when the companies are majorly facing manufacturing and supply halt.

Debt comparison with the industry is, however, favorable as industry's total debt of \$2.79 billion, stands much higher to the company's debt level.

The quarter's total debt-to-capital of 0.22 indicates a slightly-leveraged balance sheet. It represented a sequential decline from the fiscal 2021 first quarter's 0.23. This compares favorably with the total debt-to-capital of the industry, which stands at a higher level of 0.33. The overall data concludes that in terms of solvency level of the company, the picture is encouraging.

The company's fiscal second-quarter interest coverage stands at 14.9%, the highest in the past four quarters buoying optimism. It also represents a sequential increase from the fiscal 2021 first quarter's 13.9%. This, however, compares favorably with the times interest earned for the industry which stands at a lower level (7.1%).

STERIS' capital deployment policy is based on the return of shareholder's money through dividends and share buybacks. The company's current payout ratio stands at 25.7%, representing a sequential decrease from the fiscal 2021 first quarter's 25.9%. The company approved a quarterly interim dividend of 40 cents per share to shareholders. However, this compares unfavorably with the payout rate of the industry which stands at a lower level (6.2%).

Reasons To Sell:

- ▼ **Competitive Landscape:** STERIS competes for pharmaceutical, research and industrial customers against several large companies that have robust product portfolios and global reach, as well as a number of small companies with limited product offerings and operations in one or a few countries. In the Healthcare segment, STERIS' notable competitors include 3M, Belimed, Cantel Medical, Ecolab, Getinge, Go Jo, Johnson & Johnson, Kimberly-Clark, Skytron and Stryker.

STERIS' Life Sciences segment operates in highly regulated environments where the most intense competition results from technological innovations, product performance, convenience and ease of use, and overall cost-effectiveness. Competitors from pharmaceutical segment include Belimed, Ecolab, Fedegari, Getinge, MECO, Stilmas, and Techniplast. The Isomedix segment operates in a highly regulated industry and competes in North America with Sterigenics International, Inc., and other smaller contract sterilization companies and manufacturers that sterilize products in-house.

The company expects to face continued competition in the future as new infection prevention, sterile processing, contamination control, gastrointestinal and surgical support products and services enter the market. Moreover, management believes STERIS' existing or potential competitors might have greater resources than it, which might allow them to succeed in developing and commercializing products at a faster pace than STERIS. This might hamper STERIS' growth.

- ▼ **Macroeconomic Problems:** The current macroeconomic environment across the globe has adversely affected STERIS' financial operations. Governments and insurance companies continue to look for ways to contain the rising cost of healthcare. This might put pressure on players in the healthcare industry with STERIS being no exception. Increases in prices or decreases in availability of raw materials and oil and gas might impair STERIS' procurement of necessary materials for product manufacture, or might increase production costs.

Currency fluctuations partially affects STERIS' revenues, exhibiting the negative effects of the strengthening dollar which has been hurting companies like STERIS in the overseas markets. In addition, economic and market volatility have been affecting the investment portfolio of STERIS' legacy defined benefit pension plan. We are concerned that lingering macroeconomic softness might hamper STERIS' growth.

- ▼ **Customer Consolidation:** A number of STERIS' customers are undergoing consolidation, partly due to healthcare cost reduction measures initiated by competitive pressures as well as legislators, regulators and third-party payors. Moreover, some of STERIS' customers have reduced their production costs and subsequently their product prices to attract more customers. This, in turn, has caused greater pricing pressure and in some cases, has resulted in customer loss for the company. Additional consolidation will result in loss of a greater number of customers or create significant pricing pressure for STERIS. In fact, recent healthcare legislation and unfavorable economic conditions might enforce larger consolidation. If the company fails to check the rate of its customer consolidation now, it will adversely affect STERIS' business performance as well as financial conditions, going forward.

Continuous adverse impact by the current customer consolidation scenario will hamper STERIS, if not checked immediately. The competitive landscape and weak cost reduction initiatives are also worrying.

Last Earnings Report

STERIS' Earnings & Revenues Surpass Estimates in Q2

STERIS reported second-quarter fiscal 2021 adjusted earnings per share of \$1.48, up 12.1% year over year. The metric beat the Zacks Consensus Estimate by 19.4%.

The adjustment excludes the impact of certain non-recurring charges like COVID-19-led incremental costs, amortization of acquired intangible assets, acquisition and integration related charges and amortization of property "step up" to fair value.

The company's GAAP earnings per share was \$1.23, up 10.8% year over year.

Quarter Ending	09/2020
Report Date	Nov 02, 2020
Sales Surprise	7.23%
EPS Surprise	19.35%
Quarterly EPS	1.48
Annual EPS (TTM)	5.88

Revenues in Detail

Revenues of \$756.1 million improved 2.6% year over year in the quarter. Further, the metric exceeded the Zacks Consensus Estimate by 7.2%. The year-over-year uptick was led by robust sales in two of the company's three reporting segments.

Organic revenues at CER rose 2% year over year in fiscal second quarter.

Quarter in Detail

The company operates through three segments — Healthcare, Applied Sterilization Technologies and Life Sciences.

Revenues at **Healthcare** fell 2.9% year over year to \$470.9 million (down 3% on a CER organic basis). In the quarter under review, service revenues were flat and consumable revenues increased 6%. Meanwhile, capital equipment revenues fell 14%.

Revenues at **Applied Sterilization Technologies** improved 10.9% to \$169.5 million (up 9% at CER organic basis). CER organic revenues reflected increased demand from medical device customers on a rebound in procedure volumes during the quarter.

Revenues at the **Life Sciences** segment rose 17.2% to \$115.7 million (up 16% at CER organic basis) on 31% growth in consumable revenues, 3% rise in service revenues and 10% improvement in capital equipment revenues.

Margins

Gross profit in the reported quarter was \$330 million, up 3.3% from the prior-year quarter's adjusted gross profit (excluding costs and benefits of revenues for restructuring). Gross margin expanded 28 basis points (bps) year over year to 43.6% in the reported quarter.

STERIS witnessed a 1.8% year-over-year contraction in selling, general and administrative expenses to \$172.7 million. Research and development expenses also dipped 0.7% to \$16.1 million. Adjusted operating expenses of \$188.9 million fell 1.7% year over year.

Adjusted operating profit totaled \$141.2 million, reflecting a 10.8% rise from the prior-year quarter. Further, adjusted operating margin in fiscal second quarter expanded 139 bps to 18.7%.

Financial Details

STERIS exited fiscal second quarter with cash and cash equivalents of \$312 million compared with \$255.6 million at the end of fiscal first quarter.

Cumulative net cash flow from operating activities at the end of fiscal second quarter was \$296 million compared with \$260 million a year ago.

The company's free cash flow at the end of second-quarter fiscal 2021 was \$185.6 million compared with \$162 million in the year-ago period. Capital expenditure of the company at the end of the reported quarter was \$110.7 million, up from \$98.2 million in the year-ago period.

The company approved a quarterly interim dividend of 40 cents per share to shareholders.

Guidance

STERIS, due to uncertainties tied to the duration and impact of the pandemic on its operations, is not issuing any financial outlook for fiscal 2021 at the moment.

Recent News

STERIS Closes Key Surgical Acquisition Deal: Nov 18, 2020

STERIS announced that it has completed the previously announced acquisition of Key Surgical, a portfolio company of Water Street Healthcare Partners, LLC.

Valuation

STERIS' shares are up 26.9% in the year to date period and up 26.9% in the trailing 12-month periods. Stocks in the Zacks sub-industry are up 21.4% while the Zacks Medical sector are up 4.4% in the year to date period. Over the past year, the Zacks sub-industry is up 18.6% and sector is up 6.4%.

The S&P 500 index is up 15.1% in the year to date period and up 18.3% in the past year.

The stock is currently trading at 29.5X Forward 12-months earnings, which compares to 35.8X for the Zacks sub-industry, 22.6X for the Zacks sector and 22.9X for the S&P 500 index.

Over the past five years, the stock has traded as high as 31.7X and as low as 15.4X, with a 5-year median 21.1X. Our Neutral recommendation indicates that the stock will perform in-line with the market. Our \$223 price target reflects 33.9X forward 12-months earnings.

The table below shows summary valuation data for STE.

Valuation Multiples - STE					
		Stock	Sub-Industry	Sector	S&P 500
P/E F12M	Current	29.54	35.78	22.59	22.91
	5-Year High	31.65	41.74	22.90	23.47
	5-Year Low	15.44	22.83	15.89	15.27
	5-Year Median	21.05	29.06	19.00	17.77
P/S F12M	Current	4.97	4.65	2.83	4.31
	5-Year High	5.21	4.65	3.16	4.31
	5-Year Low	1.92	2.55	2.25	3.17
	5-Year Median	3.15	3.29	2.83	3.68
P/B TTM	Current	4.51	4.69	4.39	6.28
	5-Year High	7.40	4.91	5.10	6.28
	5-Year Low	1.79	2.79	2.98	3.74
	5-Year Median	2.81	4.04	4.30	4.92

As of 12/04/2020

Source: Zacks Investment Research

Industry Analysis Zacks Industry Rank: Bottom 34% (168 out of 254)



Source: Zacks Investment Research

Top Peers

Company (Ticker)	Rec	Rank
Cantel Medical Corp. (CMD)	Neutral	3
CONMED Corporation (CNMD)	Neutral	3
Ecolab Inc. (ECL)	Neutral	3
HillRom Holdings, Inc. (HRC)	Neutral	3
Johnson & Johnson (JNJ)	Neutral	3
3M Company (MMM)	Neutral	2
Stryker Corporation (SYK)	Neutral	3
Teleflex Incorporated (TFX)	Neutral	3

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

Industry Comparison Industry: Medical - Instruments				Industry Peers		
	STE	X Industry	S&P 500	CMD	ECL	MMM
Zacks Recommendation (Long Term)	Neutral	-	-	Neutral	Neutral	Neutral
Zacks Rank (Short Term)	3	-	-	3	3	2
VGM Score	B	-	-	C	D	B
Market Cap	16.51 B	181.07 M	26.46 B	2.67 B	64.40 B	99.48 B
# of Analysts	4	2	13	3	12	7
Dividend Yield	0.83%	0.00%	1.48%	0.00%	0.83%	3.41%
Value Score	C	-	-	C	D	C
Cash/Price	0.02	0.13	0.07	0.11	0.02	0.05
EV/EBITDA	23.39	-1.69	14.74	28.07	22.86	15.52
PEG F1	NA	3.98	2.78	2.12	5.30	2.11
P/B	4.51	4.53	3.64	3.65	10.65	8.33
P/CF	24.14	26.30	13.99	18.47	24.30	14.34
P/E F1	31.62	57.91	22.22	36.38	56.06	20.02
P/S TTM	5.46	4.98	2.85	2.63	4.91	3.14
Earnings Yield	3.12%	-2.09%	4.36%	2.75%	1.78%	5.00%
Debt/Equity	0.28	0.06	0.70	1.44	1.10	1.54
Cash Flow (\$/share)	8.02	-0.17	6.94	3.42	9.29	12.02
Growth Score	B	-	-	C	C	C
Historical EPS Growth (3-5 Years)	13.65%	7.47%	9.72%	7.17%	6.00%	2.90%
Projected EPS Growth (F1/F0)	6.91%	15.26%	0.83%	5.25%	-30.86%	-5.32%
Current Cash Flow Growth	5.66%	5.35%	5.23%	2.01%	8.14%	-11.15%
Historical Cash Flow Growth (3-5 Years)	20.19%	10.08%	8.33%	11.31%	4.49%	1.67%
Current Ratio	2.64	3.22	1.38	3.60	1.61	1.90
Debt/Capital	21.79%	9.67%	42.00%	59.04%	52.43%	60.68%
Net Margin	13.97%	-22.98%	10.40%	1.68%	-8.21%	15.65%
Return on Equity	14.44%	-23.58%	14.99%	9.72%	18.14%	44.77%
Sales/Assets	0.56	0.51	0.50	0.52	0.66	0.70
Projected Sales Growth (F1/F0)	2.19%	0.00%	0.35%	8.33%	-20.16%	-0.71%
Momentum Score	A	-	-	D	F	B
Daily Price Change	0.42%	0.76%	1.31%	4.78%	2.67%	0.37%
1-Week Price Change	-2.22%	1.09%	2.18%	6.45%	6.72%	2.31%
4-Week Price Change	8.00%	10.96%	8.28%	20.02%	14.86%	5.67%
12-Week Price Change	19.37%	12.42%	15.74%	22.99%	11.76%	5.71%
52-Week Price Change	26.51%	7.63%	7.50%	-18.76%	21.92%	4.92%
20-Day Average Volume (Shares)	346,212	178,572	2,053,456	215,164	1,058,953	2,653,690
EPS F1 Estimate 1-Week Change	0.67%	0.00%	0.00%	0.00%	-0.04%	0.00%
EPS F1 Estimate 4-Week Change	1.90%	0.00%	0.00%	0.00%	-0.41%	0.58%
EPS F1 Estimate 12-Week Change	7.34%	6.98%	3.77%	-5.79%	-2.09%	4.43%
EPS Q1 Estimate Monthly Change	1.74%	0.00%	0.00%	0.00%	-0.16%	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	C
Growth Score	B
Momentum Score	A
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.

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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.