

Starbucks Corporation(SBUX)

\$88.47 (As of 10/05/20)

Price Target (6-12 Months): \$93.00

Long Term: 6-12 Months	Zacks Recom	Neutral			
	(Since: 05/12/19)				
	Prior Recommendation: Outperform				
Short Term: 1-3 Months	Zacks Rank:	(1-5)	2-Buy		
	Zacks Style Scores:		VGM:D		
	Value: D	Growth: F	Momentum: A		

Summary

Shares of Starbucks have outperformed the industry in the past three months. Notably, the company continues to benefit from operating fundamentals such as solid global footprint, successful innovations and digital offerings. Despite the coronavirus, the company is on track to open minimum 500 net new stores this fiscal year. It has also strengthened its relationship with Alibaba. Earnings Estimates for 2020 have increased over the past 30 days, depicting optimism regarding the stock growth potential. However, dismal global retail and comparable sales, along with decline in store traffic due to social distancing protocols, continue to hurt the company. Notably, for fiscal 2020 comps are expected to be down 15% to 20% compared with prior estimate of decline of 10% to 20%. Also, the company's high debt level remains a concern.

Data Overview

52-Week High-Low	\$94.13 - \$50.02
20-Day Average Volume (Shares)	7,008,348
Market Cap	\$103.4 B
Year-To-Date Price Change	0.6%
Beta	0.81
Dividend / Dividend Yield	\$1.80 / 1.9%
Industry	Retail - Restaurants
Zacks Industry Rank	Top 17% (44 out of 252)

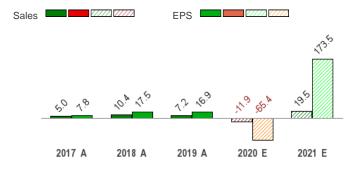
Last EPS Surprise	24.6%
Last Sales Surprise	2.7%
EPS F1 Estimate 4-Week Change	1.6%
Expected Report Date	11/04/2020
Earnings ESP	7.8%
P/E TTM	65.5

P/E TTM	65.5
P/E F1	33.0
PEG F1	2.6
P/S TTM	4.3

Price, Consensus & Surprise



Sales and EPS Growth Rates (Y/Y %)



Sales Estimates (millions of \$)

	Q1	Q2	Q3	Q4	Annual*
2021	6,915 E	6,709 E	6,903 E	7,514 E	27,909 E
2020	7,097 A	5,996 A	4,222 A	6,051 E	23,361 E
2019	6,633 A	6,306 A	6,823 A	6,747 A	26,509 A

EPS Estimates

	Q1	Q2	Q3	Q4	Annual*
2021	\$0.60 E	\$0.58 E	\$0.66 E	\$0.81 E	\$2.68 E
2020	\$0.79 A	\$0.32 A	-\$0.46 A	\$0.32 E	\$0.98 E
2019	\$0.75 A	\$0.60 A	\$0.78 A	\$0.70 A	\$2.83 A

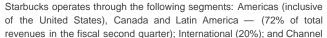
*Quarterly figures may not add up to annual.

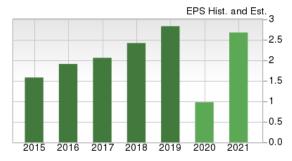
The data in the charts and tables, including the Zacks Consensus EPS and Sales estimates, is as of 10/05/2020. The reports text is as of 10/06/2020.

Overview

Founded in 1985 and based in Seattle, WA, Starbucks Corporation is the leading roaster and retailer of specialty coffee in the world. In addition to fresh, rich-brewed coffees, Starbucks' offerings include many complementary food items and a selection of premium teas and other beverages, sold mainly through the company's retail stores. The company's popular brands include Starbucks coffee, Teavana tea, Seattle's Best Coffee, La Boulange bakery products and Evolution Fresh juices.

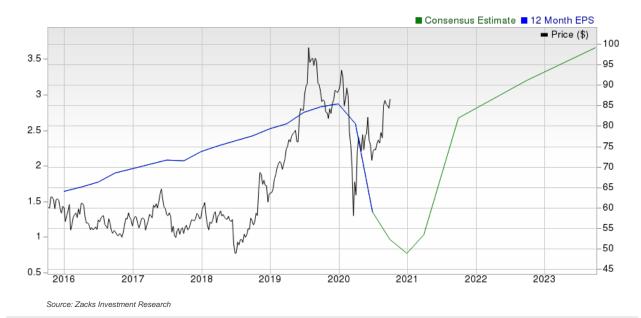
Other than the company's own retail stores, it generates revenues through licensed stores, consumer packaged goods and foodservice operations. The company receives royalties and license fees from the U.S. and international licensed stores. Under its consumer packaged goods operations, Starbucks sells packed coffee and tea products as well as a variety of ready-to-drink beverages and single-serve coffee and tea products to grocery, warehouse clubs and specialty retail stores. It also includes revenues from licensing deals with many partners to produce and sell its Starbucks and Seattle's Best Coffee branded products. Under its foodservice operations, Starbucks supplies some of its products to restaurants, office coffee distributors, hotels, airlines and other retailers.







Development (CD — 8%). The CD segment is not a geographic region but an entirely different channel (it is a combination of the consumer packaged goods or CPG and foodservice businesses). It includes roasted whole bean and ground coffees, premium Tazo teas, a variety of ready-to-drink beverages (like Frappuccino and Starbucks Refreshers) and Starbucks and Tazo branded K-Cup packs sold through channels such as grocery, specialty retailers, and foodservice to name a few. The All-Other segment comprises Teavana-branded stores, Seattle's Best Coffee, as well as certain developing businesses such as Siren Retail, which includes Starbucks Reserve Roastery & Tasting Rooms, Starbucks Reserve brand and products and Princi operations.



Zacks Equity Research www.zackspro.com Page 2 of 13

Reasons To Buy:

▲ Strong Brand Position: Starbucks is one of the most recognized coffee brands in the world. From espresso to specialty roast and ground coffee to premium single-serve market, Starbucks commands authority and a leading position in all coffee segments. Further, management focuses on increasing global market share by judiciously opening stores in new and existing markets, remodeling existing stores, deploying technology, controlling costs and aggressive product innovation and brand building. In fiscal 2019, Starbucks added 1,900 net new stores. In 2018 and 2017, the company had added 2,300 and 2,250 net new locations. Although the coronavirus pandemic is hurting the company's original store opening program, it still expects to open at least 500 new stores in China in fiscal 2020. Despite the pandemic, the company opened 130 net new stores in third-quarter fiscal 2020. New store productivity and Return on Investment (ROI) in the United States and China are high. By fiscal 2021, the company intends to open approximately 12,000 stores globally. This will take the total store count to an estimated 37,000. Notably, Starbucks' long-term growth targets include 3-4% comps growth, yielding high-single digit revenue growth and EPS growth of at least 12%.

Starbucks' solid execution of several initiatives in the United States and China, along with best-in-class loyalty programs and digital offerings are expected to drive profits

- ▲ Global Coffee Alliance With Nestle Expands Starbucks' Channel Development Footprint:

 Starbucks and the Swiss-based food giant Nestle SA have teamed up to revitalize their coffee domains. Starbucks and Nestle announced a global marketing deal that gives the latter "perpetual rights" to market Starbucks' products globally outside its coffee shops. This alliance will expand the global reach of Starbucks brands in the consumer packaged goods ("CPG") and foodservice categories to nearly 190 countries around the world. In the past year, the company has launched three new coffee platforms in over 30 new markets Starbucks by Nespresso, Starbucks by Dolce Gusto, and Starbucks roast and ground coffee.
- ▲ Emphasis on China: China Asia Pacific or CAP has now become the fastest growing segment. Improving customer experience via innovative new store designs, upgrading product offerings and margin expansion through process and supply chain efficiencies are driving CAP performance. China has witnessed comps growth of 1%, 3%, 6% and 5% in the first, second, third and fourth of fiscal 2019. In first-quarter 2020, China delivered comps growth of 3%. Although comps declined in second-quarter fiscal 2020 due to the coronavirus outbreak, China still remains one of the most important markets for the company. Management believes that China and the Asia-Pacific region will drive business growth over the next five years supported by rapid unit growth, growing brand awareness, and increased usage of the digital/mobile/loyalty platforms.

The company has announced a historic partnership with Alibaba for providing seamless Starbucks Experience to drive growth in China. Starbucks began delivery services in Beijing and Shanghai via Alibaba's Ele.me platform. Recently, the company has also strengthened its relationship with Alibaba. Starbucks lovers in China can now place orders via multiple Alibaba Group apps. Starbucks has introduced its mobile order and pay feature — Starbucks Now — to multiple platforms in the Alibaba Digital Economy, which includes Taobao, Amap, Koubei and Alipay. Starbucks customers can also use Starbucks Now feature to pre-order and pay for their favorite Starbucks beverage and food online before in-person pick-up at local stores. This will help Starbucks in expanding presence in China as Alibaba Digital Economy has user base of nearly 1 billion.

Starbucks' business in China is rapidly growing due to innovative store designs, local product innovations and the success of MSR program. It has plans to launch certain features in China loyalty program this year and full digital capabilities over time. The company has plans to build 600 net new stores annually over the next five years in Mainland China that will double the market's store count from the end of fiscal 2017 to 6,000 across 230 cities. This speedy expansion in China is likely to triple its revenues and double its operating profit by the end of fiscal 2022 from fiscal 2017.

▲ Focus on Innovation: Starbucks is strengthening its product portfolio with significant innovation around beverages, refreshment, health and wellness, tea and core food offerings. Starbucks is leaning toward fast-growing categories like Cold Brew, Draft Nitro beverages, and plant-based modifiers, including almond, coconut, and soy milk alternatives. Apart from the numerous beverage innovations, Starbucks has also been making an effort to offer more nutritional and healthy products to its customers. Meanwhile, the company's Reserve Roastery and Tasting Room elevates the coffee experience to the next level, with small-batch super-premium coffee produced using innovative coffee-brewing techniques. Starbucks' strategy to boost the overall brand through its premium Roastery/Reserve brands is a huge opportunity. Starbucks is fast expanding its food offerings in the United States to complement its drinks.

Starbucks' recent collaboration with Beyond Meat to roll out a plant-based lunch menu in the China is a testament to the same. Now Starbucks customers can enjoy pastas and lasagna made utilizing Beyond Meat's plant-based beef products. It will also include meatless pork alternative known as Omnipork and popular non-dairy milk called Oatley. The new menu is available at more than 3,300 Starbucks locations in China. Both the companies have already partnered to roll out a plant-based sandwich to Canadian locations.

▲ Comps Increase in July: The company stated that of the 3,100 U.S. stores that remained opened throughout the third quarter, it witnessed comps decline of 14% and 1% in May and June, respectively. For July month-to-date, comps improved 2%. The company continues to benefit from robust drive-thru and deliver options. Mobile ordering in the third quarter increased 6 percentage points from a year ago to make up 22% of total transactions. The company also announced that the coronavirus impact will ease in the fourth quarter in Japan.

Reasons To Sell:

▼ Q3 Top & Bottom Lines Decline Sharply: Starbucks reported third-quarter fiscal 2020 results, wherein earnings and revenues declined sharply year over year. The downside can primarily be attributed to dismal global retail and comparable sales, and decline in store traffic. Global comparable store sales fell 40% compared with a decline of 10% in second-quarter fiscal 2020. Global comps declined due to 51% fall in comparable transactions, marginally mitigated by 23% increase in average ticket. Earnings estimates for fiscal 2020 and 2021 have witnessed sharp downward revisions in the past 30 days.

The coronavirus pandemic and operating margin contraction over the past few quarters has been a concern.

- ▼ Coronavirus to Hurt Future Results: The company's results in the upcoming quarter is likely to be impacted by the social distancing protocols. The company anticipates international's comparable store sales to decline in the range of 10% and 15% in fourth-quarter, including a 3% favorable VAT impact. The company expects comparable store sales in China to be in the range of flat to -5%. The company expected global comparable sales to decline 12% and 17% in the fourth quarter and fiscal 2020, respectively. Moreover, the company anticipates Americas and U.S. comparable store sales decrease of 12% to 17% in the fourth quarter and 2020, respectively. For fiscal 2020, comps are expected to be down 15% to 20% compared with prior estimate of decline of 10% to 20%. Starbucks expects consolidated revenues decline of 10-15% for the fourth quarter. Non-GAAP earnings for the fourth quarter are anticipated to be 18-33 cents, whereas for full year it is expected in the range of 83-93 cents
- ▼ Margins Decline a Concern: Margin contraction remains a major concern. In the first, second, third and fourth quarter of fiscal 2018, Starbucks non-GAAP operating margin shriveled 170, 80, 230 and 190 bps, respectively. The downtrend continued in first, second, third and fourth-quarter fiscal 2019, with margin declining 180, 40, 20 and 80 bps year over year to 17.4%, 15.8%, 18.3% and 17.2%, respectively. Although margin expanded improved in first-quarter fiscal 2020, it declined in second and third-quarter 2020. On a non-GAAP basis, operating margin contracted 660 basis points and 570 basis points in second and third-quarter 2020, respectively. The downtrend can primarily be attributed to sales deleverage and rise in costs due to the coronavirus pandemic, mostly catastrophe wages, and heightened pay programs and additional benefits in support of retail store partners, inventory write-offs and store safety items.
- ▼ High Leverage Concern: The company's long-term debt (including Operating lease liability) increased to \$22.3 billion (as of Jun 28, 2020) from \$19.3 billion at Mar 29, 2020. Moreover, the company's debt-to-capitalization increased to 150.4% from 149% in second-quarter 2020. Notably, its times-interest-earned ratio of 5.2 reflects decline from 12.3 in the second quarter. This indicates reduced relative freedom of the company from the constraints of debt. Moreover, the company ended third-quarter fiscal 2020 with cash and cash equivalent of \$4.2 billion, which is not be enough to manage the high-debt level. On May 6, 2020, the Fitch Ratings lowered the company's credit rating to BBB from BBB+ with a negative outlook.
- ▼ Tricky Retail and Consumer Spending Environment in the United States: Being a retail restaurant, Starbucks is dependent on consumer discretionary spending environment. Consumers' propensity to spend largely depends upon the overall macro-economic scenario. Although higher disposable income and increased wages are favoring the industry right now, it can change with the slightest disruption in the economy. The company, therefore, is highly vulnerable to the inconsistent nature of consumer discretionary spending. If it does not make pragmatic use of advanced technologies to innovate across value chains, it has high chances of fading out like many other restaurant retailers.

Zacks Equity Research www.zackspro.com Page 4 of 13

Last Earnings Report

Starbucks Beat Q3 Earnings Estimates

Starbucks reported third-quarter fiscal 2020 results, with earnings and revenues surpassing the Zacks Consensus Estimate. While the bottom line surpassed the Zacks Consensus Estimate for the third straight quarter, the top line beat the same for the second straight quarter.

The company stated that of the 3,100 U.S. stores that remained opened throughout the third quarter, it witnessed comps decline of 14% and 1% in May and June, respectively. For July month-to-date, comps increased 2%. The company continues to benefit from robust drive-thru and deliver options. Mobile ordering in the third quarter increased 6 percentage points from a year ago to make up 22% of total transactions.

Quarter Ending	06/2020
Report Date	Jul 28, 2020
Sales Surprise	2.70%
EPS Surprise	24.59%
Quarterly EPS	-0.46
Annual EPS (TTM)	1.35

The company noted that due to the coronavirus pandemic the company had lost nearly \$3.1 billion in consolidated revenues. The downside was primarily caused by store closures, limited sales channels, reduced operating hours and dismal customer traffic.

Discussion on Earnings, Revenues & Comps

In the quarter under review, the company reported adjusted loss per share of 46 cents per share, narrower than the Zacks Consensus Estimate of loss per share of 61 cents. In the prior-year quarter, the company had reported adjusted earnings per share of 78 cents.

Total revenues came in at \$4,222.1 million, which beat the Zacks Consensus Estimate of \$4,111 million. However, the top line fell 38.1% from the year-ago quarter's level. The downtick was due to dismal global retail sales and comparable sales and decline in store traffic.

Global comparable store sales declined 40% compared with a decline of 10% in second-quarter fiscal 2020. Global comps declined due to 51% fall in comparable transactions, marginally offset by 23% increase in average ticket.

Starbucks opened 130 net new stores worldwide in the third quarter, bringing the total store count to 32,180. Global store growth came in at 5%, based on a year-over-year comparison.

Overall Margin Contracts in Q3

On a non-GAAP basis, operating margin came in at 12.6% compared with 18.3% reported in the prior-year quarter. The downtrend was primarily due to sales deleverage and rise in costs induced by the coronavirus pandemic.

Segmental Performance

In fourth-quarter fiscal 2019, the company realigned its operating segments. Specifically, the China/Asia Pacific segment and Europe, Middle East and Africa segment have been combined into one International segment.

Results of Siren Retail — which is a non-reportable operating segment consisting of Starbucks Reserve TM Roastery & Tasting Rooms, Starbucks Reserve brand and Princi operations — were previously included within Corporate and Other. It now reports within Americas and International segments based on the geographical location of operations.

Americas: Net revenues in this flagship segment came in at \$2,805.5 million, down 40% year over year. Although the segment revenues in the quarter benefited from 382 net new store opening in a year's time, it was offset by 41% comparable store sales decline primarily due to the coronavirus outbreak.

Due to the pandemic, America's fiscal second-quarter revenues were impacted by nearly \$2.3 billion. Moreover, the segment's operating income was roughly impacted by \$1.5 billion.

Adjusted operating margin in the Americas segment contracted to 14.4% compared with 21.8% in the prior-year quarter. The downtrend can primarily be attributed to sales deleverage and rise in costs due to the coronavirus pandemic, mostly catastrophe wages, and heightened pay programs and additional benefits in support of retail store partners and store safety items.

International: Net revenues declined 40% year over year to \$949.6 million in the segment, thanks to decline of 37% in comparable store sales stemming from the pandemic and decline in product sales to the company's licensees. Moreover, the decline was due to 2% revenue-dilutive effect of transforming Thailand to a fully-licensed market in fiscal 2019. However, the downside was partially offset by 1,172 net new store openings in a year's time.

Moreover, adjusted operating margin in the segment fell to 9.1% from 17.1% in the year-ago quarter owing to sales deleverage. Moreover, royalty relief granted to international licensees as well as additional costs incurred, which includes catastrophe wages, marginally overshadowed by temporary government subsidies and rent concessions.

Comps in China declined 19%, including 27% transaction fall due to store closures and reduced traffic.

The company announced that 99% of its stores in China have commenced operations and anticipates continued improvement in traffic.

Past performance is no guarantee of future results. Please see important disclosures and definitions at the end of this report.

Channel Development: Net revenues in the segment declined 16% from the prior-year quarter's figure to \$447.3 million. The decline was primarily due to nearly 21% unfavorable impact of Global Coffee Alliance transition-related activities, which includes lapping higher inventory sales in the prior-year quarter as Nestlé prepared to fulfill customer orders. Moreover, operating margin contracted 630 basis points to 27.8%.

Guidance

The company provided fiscal 2020 guidance, wherein it anticipates the negative impact of the coronavirus pandemic to moderate in fourth-quarter fiscal 2020. The company expected global comparable sales to decline 12% and 17% in the fourth quarter and fiscal 2020, respectively. Moreover, the company anticipates Americas and U.S. comparable store sales decrease of 12% to 17% in the fourth quarter and 2020, respectively. Earlier, the company had anticipated comps decline of 10% to 20% for the fourth quarter and full year.

For the fourth quarter, international comps are expected to decline 10% to 15% compared with the prior estimate of 10% to 20%. For fiscal 2020, the company anticipates international comps to decline 20% to 25% compared with the prior estimate of decline of 20% to 30%.

In China, comps are expected to be flat to down 5% in fourth quarter compared with the prior estimate of flat comps. For fiscal 2020, comps are expected to be down 15% to 20% compared with prior estimate of decline of 10% to 20%.

Starbucks expects consolidated revenues decline of 10-15% for the fourth quarter. Non-GAAP earnings fomarginr the fourth quarter are anticipated to be 18-33 cents, whereas for full year it is expected in the range of 83-93 cents. The Zacks Consensus Estimate for the fourth quarter and fiscal 2020 are currently pegged at 27 cents and 80 cents, respectively.

Other Financial Updates

The company ended the quarter with cash and cash equivalents of \$3,965.9 million compared with \$2,686.6 million at the end of Sep 29, 2019. As of Jun 28, 2020, long-term debt is at \$14,645.6 million compared with \$11,167 million as of Sep 29, 2019.

Moreover, the company declared a cash dividend of 41 cents per share, payable on Aug 21, to shareholders of record as of Aug 7.

Zacks Equity Research www.zackspro.com Page 6 of 13

Recent News

Starbucks Provides Business Update Amid Coronavirus Pandemic – Jun 10, 2020

Starbucks recently provided business update in the light of the coronavirus pandemic. The company is witnessing improvement in comparable store sales in China. However, it anticipates losses in third-quarter fiscal 2020.

Starbucks to Bring Plant-Based Menu to China With Beyond Meat - Apr 20, 2020

Starbucks is leaving no stone unturned to attract customers in China. The company's collaboration with Beyond Meat to roll out a plant-based lunch menu in the country is a testament to the same.

Now Starbucks customers can enjoy pastas and lasagna made utilizing Beyond Meat's plant-based beef products. It will also include meatless pork alternative known as Omnipork and popular non-dairy milk called Oatley.

Valuation

Starbucks shares are up 0.7% in year-to-date period and 3% in the trailing 12-month period. Stocks in the Zacks sub-industry and the Zacks Retail-Wholesale sector are up by 7.2% and 33.6%, respectively, in the year-to-date period. Over the past year, the Zacks sub-industry is up 4.5% and the sector is up 43.6%.

The S&P 500 index is up by 5.9% in the year-to-date period and 16.2% in the past year.

The stock is currently trading at 33.02X forward 12-month earnings, which compares to 31.69X for the Zacks sub-industry, 32.08X for the Zacks sector and 22.29X for the S&P 500 index.

Over the past five years, the stock has traded as high as 88.46X and as low as 18.15X, with a 5-year median of 25.99X. Our Neutral recommendation indicates that the stock will perform in-line with the market. Our \$93 price target reflects 34.83X forward 12-month earnings.

The table below shows summary valuation data for SBUX.

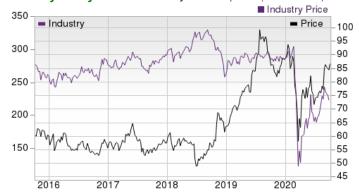
Valuation Multiples - SBUX					
		Stock	Sub-Industry	Sector	S&P 500
	Current	33.02	31.69	32.08	22.29
P/E F12M	5-Year High	88.46	34.04	33.99	23.47
	5-Year Low	18.15	20.49	19.09	15.27
	5-Year Median	25.99	23.09	23.59	17.7
	Current	3.7	3.75	1.31	4.09
P/S F12M	5-Year High	4.35	3.93	1.32	4.3
	5-Year Low	2.29	2.81	0.84	3.18
	5-Year Median	3.45	3.34	1.01	3.67
	Current	30.04	21.27	20.19	14.91
EV/EBITDA TTM	5-Year High	30.04	21.3	20.71	15.66
	5-Year Low	13.52	10.64	10.7	9.53
	5-Year Median	18.64	14.39	12.97	13.07

As of 10/05/2020

Source: Zacks Investment Research

Zacks Equity Research www.zackspro.com Page 7 of 13

Industry Analysis Zacks Industry Rank: Top 17% (44 out of 252)



Source: Zacks Investment Research

Top Peers

Company (Ticker)	Rec Rank
Bloomin Brands, Inc. (BLMN)	Outperform 1
Chipotle Mexican Grill, Inc. (CMG)	Neutral 3
Dunkin Brands Group, Inc. (DNKN)	Neutral 3
Dominos Pizza Inc (DPZ)	Neutral 2
Darden Restaurants, Inc. (DRI)	Neutral 3
McDonalds Corporation (MCD)	Neutral 3
The Wendys Company (WEN)	Neutral 3
Yum Brands, Inc. (YUM)	Neutral 2

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

Industry Comparison Industry: Retail - Restaurants			Industry Peers			
	SBUX	X Industry	S&P 500	DPZ	MCD	YUN
Zacks Recommendation (Long Term)	Neutral	-	-	Neutral	Neutral	Neutra
Zacks Rank (Short Term)	2	-	-	2	3	2
VGM Score	D	-	-	В	D	D
Market Cap	103.42 B	493.53 M	23.68 B	16.72 B	168.22 B	28.36 E
# of Analysts	15	6	14	14	16	Ş
Dividend Yield	1.85%	0.00%	1.64%	0.73%	2.21%	2.00%
Value Score	D	-	-	D	D	D
Cash/Price	0.04	0.14	0.07	0.03	0.02	0.04
EV/EBITDA	18.23	11.82	13.45	29.17	18.56	19.47
PEG F1	2.57	4.11	2.88	2.38	5.58	2.41
P/B	NA	2.43	3.39	NA	NA	NA
P/CF	21.45	8.77	13.14	37.31	22.36	23.30
P/E F1	33.01	31.68	21.79	33.00	38.52	29.72
P/S TTM	4.30	0.93	2.55	4.44	8.74	5.16
Earnings Yield	3.03%	0.88%	4.42%	3.03%	2.60%	3.37%
Debt/Equity	-1.70	0.54	0.70	-1.26	-3.66	-1.39
Cash Flow (\$/share)	4.12	1.81	6.92	11.39	10.11	4.04
Growth Score	F	-	-	Α	F	C
Historical EPS Growth (3-5 Years)	8.80%	2.98%	10.45%	31.80%	10.16%	0.02%
Projected EPS Growth (F1/F0)	173.75%	-23.78%	-2.97%	34.57%	-25.14%	-10.83%
Current Cash Flow Growth	5.49%	3.60%	5.47%	9.16%	-0.99%	3.60%
Historical Cash Flow Growth (3-5 Years)	12.19%	4.61%	8.50%	17.68%	1.88%	-6.71%
Current Ratio	0.95	1.01	1.35	2.02	0.91	1.63
Debt/Capital	NA%	52.36%	42.90%	NA	NA	NA
Net Margin	5.56%	-1.44%	10.28%	12.11%	24.78%	18.78%
Return on Equity	-22.26%	-10.64%	14.79%	-14.01%	-52.78%	-12.42%
Sales/Assets	0.93	0.87	0.51	2.73	0.40	0.97
Projected Sales Growth (F1/F0)	19.47%	0.00%	-0.79%	12.61%	-9.63%	0.01%
Momentum Score	Α	-	-	Α	Α	D
Daily Price Change	2.19%	0.00%	1.71%	-2.04%	1.53%	-1.13%
1-Week Price Change	2.69%	2.06%	2.13%	3.76%	2.06%	4.15%
4-Week Price Change	2.55%	-1.81%	0.26%	11.30%	6.77%	-1.19%
12-Week Price Change	21.78%	18.49%	8.70%	5.87%	22.25%	7.62%
52-Week Price Change	3.05%	-17.62%	4.20%	75.44%	6.68%	-17.24%
20-Day Average Volume (Shares)	7,008,348	334,248	2,164,008	563,267	2,911,459	1,608,220
EPS F1 Estimate 1-Week Change	1.13%	0.00%	0.00%	0.32%	0.16%	0.00%
EPS F1 Estimate 4-Week Change	1.65%	0.00%	0.00%	0.95%	0.37%	0.56%
EPS F1 Estimate 12-Week Change	1.83%	13.01%	3.80%	13.76%	0.98%	13.01%
EPS Q1 Estimate Monthly Change	0.02%	0.00%	0.00%	1.93%	0.36%	1.17%

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.



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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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 mediumterm 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 4week 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 longterm 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 mostrecent 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 longterm 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.

Zacks Equity Research www.zackspro.com Page 12 of 13

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.