

American International (AIG)

\$48.77 (As of 06/17/21)

Price Target (6-12 Months): **\$50.00**

Long Term: 6-12 Months

Zacks Recommendation:

Neutral

(Since: 11/09/20)

Prior Recommendation: Underperform

Short Term: 1-3 Months

Zacks Rank: (1-5)

3-Hold

Zacks Style Scores:

VGM:C

Value: B

Growth: F

Momentum: A

Summary

AIG shares have outperformed the industry in a year's time. The company's cost-cutting efforts are driving operational efficiency thus aiding the margins. It expects to achieve run-rate savings worth \$650 million by the end of 2021 and another \$1 billion by 2022 end. Divestitures made over the years have streamlined its business. It is in talks to separate its Life and Retirement business, though no decision is finalized yet. A number of recent acquisitions have led to business expansion. However, its revenues have been stressed over the years. A high-debt position increases the risk specailly when revenues are under stress. Its low return on equity makes the company unattractive. Its exposure to catastrophe loss imparts volatility to its earnings. Low interest rate pressurizes income from investment which remains another headwind.

Data Overview

52-Week High-Low	\$54.08 - \$25.57
20-Day Average Volume (Shares)	3,442,999
Market Cap	\$41.9 B
Year-To-Date Price Change	28.8%
Beta	1.35
Dividend / Dividend Yield	\$1.28 / 2.6%
Industry	Insurance - Multi line
Zacks Industry Rank	Bottom 19% (204 out of 252)

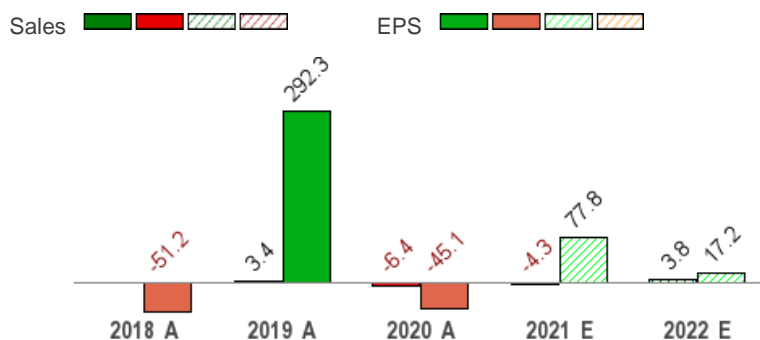
Last EPS Surprise	6.1%
Last Sales Surprise	-2.9%
EPS F1 Estimate 4-Week Change	0.0%
Expected Report Date	08/02/2021
Earnings ESP	9.0%

P/E TTM	14.1
P/E F1	10.9
PEG F1	1.1
P/S TTM	1.0

Price, Consensus & Surprise



Sales and EPS Growth Rates (Y/Y %)



Sales Estimates (millions of \$)

	Q1	Q2	Q3	Q4	Annual*
2022					45,652 E
2021	10,618 A	11,563 E	10,758 E	11,050 E	43,989 E
2020	11,265 A	11,728 A	11,343 A	11,979 A	45,974 A

EPS Estimates

	Q1	Q2	Q3	Q4	Annual*
2022	\$1.29 E	\$1.33 E	\$1.27 E	\$1.41 E	\$5.25 E
2021	\$1.05 A	\$1.15 E	\$1.05 E	\$1.18 E	\$4.48 E
2020	\$0.11 A	\$0.66 A	\$0.81 A	\$0.94 A	\$2.52 A

*Quarterly figures may not add up to annual.

The data in the charts and tables, including the Zacks Consensus EPS and sales estimates, is as of 06/17/2021. The report's text and the

analyst-provided price target are as of 06/18/2021.

Overview

American International Group is a leading global insurance organization. Building on its long history, it provides a wide range of property casualty insurance, life insurance, retirement solutions, and other financial services to customers in more than 80 countries and jurisdictions.

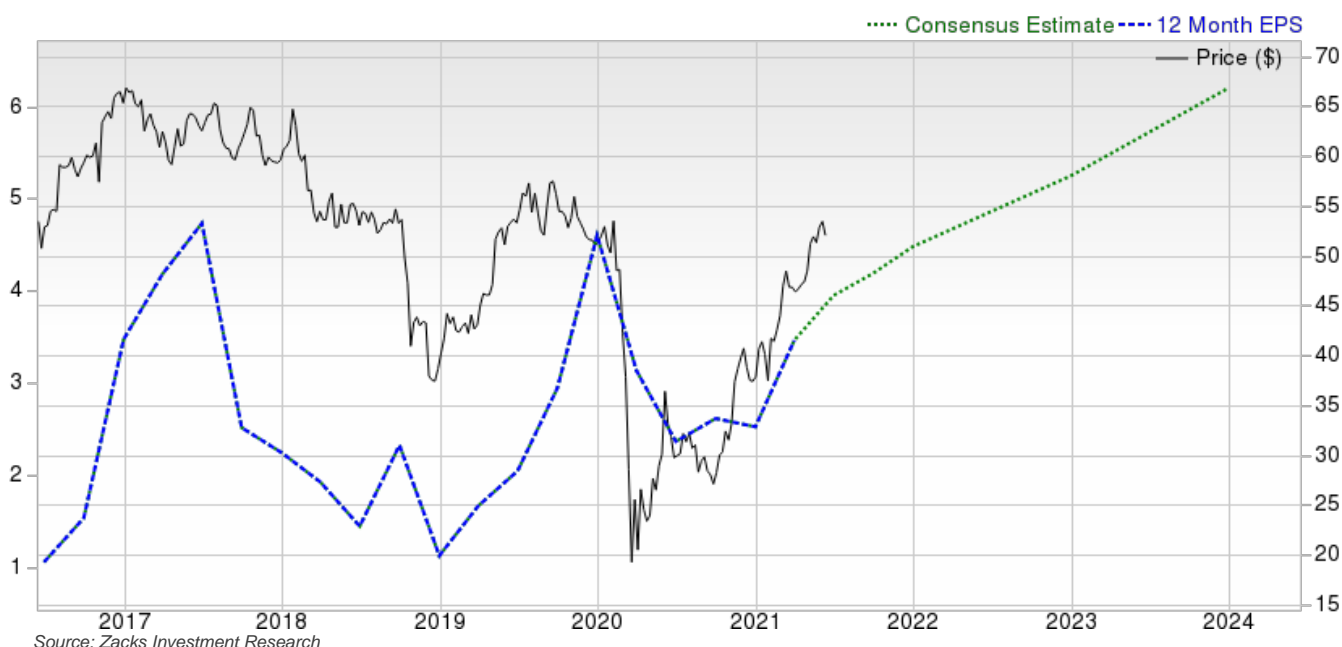
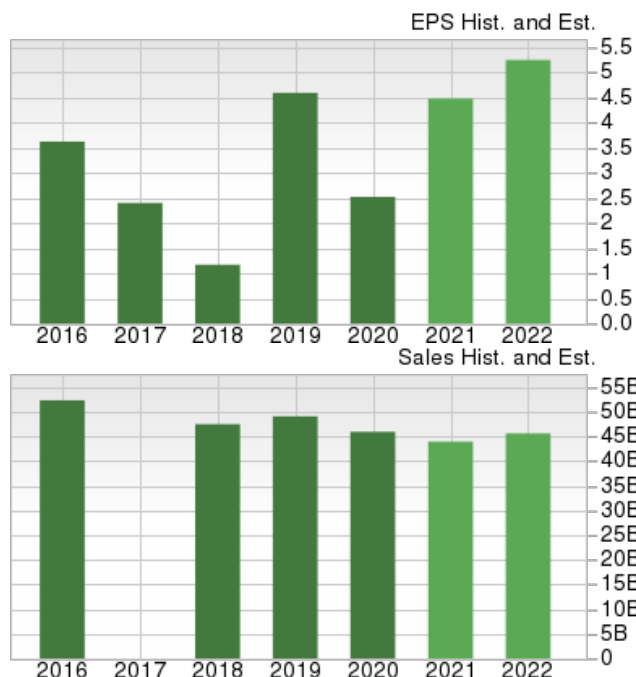
These diverse offerings include products and services that help businesses and individuals protect their assets, manage risks and provide for retirement security. AIG common stock is listed on the New York Stock Exchange.

AIG is reporting its core insurance operations under four segments: General Insurance (64% of adjusted revenues in 2020) provides insurance products and services for commercial and personal insurance customers, through a diversified, multichannel distribution network. It includes the following major operating companies: National Union Fire Insurance Company of Pittsburgh, Pa. (National Union); American Home Assurance Company (American Home); Lexington Insurance Company (Lexington); AIG General Insurance Company, Ltd. (AIG Sonpo); AIG Asia Pacific Insurance, Pte, Ltd.; AIG Europe S.A.; American International Group UK Ltd.; Validus Reinsurance, Ltd.; Talbot Holdings Ltd.; Western World Insurance Group, Inc. and Glatfelter Insurance Group (Glatfelter).

Life and Retirement (33%) consist of a broad portfolio of life insurance, retirement and institutional products offered through an extensive, multichannel distribution network.

On Oct 26, 2020, AIG announced its intention to separate its Life and Retirement business from AIG, but no major progress has been achieved on this front till now. On Feb 8, 2021, the company signed a deal with Touchstone Investments to sell certain assets of AIG Life and Retirement's Retail Mutual.

Other Operations (4%) it includes AIG Parent; Blackboard; deferred tax assets related to tax attributes; corporate expenses and intercompany eliminations.



Reasons To Buy:

▲ **Share Price Performance:** The company's shares have outperformed its industry in a year. Moreover, the shares are likely to continue performing well in the coming quarters driven by the company's strategic growth initiatives.

▲ **Divestitures:** Over the years, AIG has been streamlining its core insurance operations and restructuring businesses by axing operations, thereby enhancing capital allocation and operating leverage. Since 2008, the company has executed over 50 asset sales and divestitures, resulting in proceeds in excess of \$100 billion. These divestitures were made to generate proceeds for repaying the bailout funds to the U.S. government, simplify the company which had huge unrelated operations creating very little synergistic benefits, focus on core operations generating higher return on equity, and use funds for share buyback. Recently, the company completed the divestiture of a majority stake in its legacy specialist run-off company, Fortitude RE. The sale of Fortitude Re improved AIG's risk profile and reduced its exposure to long-tail runoff liabilities and a related interest rate risk.

Strategic business de-risking and acquisitions, cost control efforts, accelerated capital deployment will drive growth.

On Dec 31, 2020, the company completed the sale of its shared services operations to Accenture which streamlines its operating model. This was done to drive improvements in infrastructure and systems architecture, while reducing real estate costs and other general operating expenses. The company is also in the process of separating its Life and Retirement business through either an IPO or a private sale of up to 19.9% of the said business. Divesting these businesses will allow the company to streamline operations and focus on high growth areas which is General Insurance. With the separation of the Life and Retirement segment and the capital generated from the same, the company will focus on de-levering and investing in business growth.

▲ **Acquisitions:** AIG has acquired Ellipse, a specialist provider of group life risk protection in the UK, from Munich Re. The transaction strengthens AIG's position in Life & Retirement businesses. The buyout of Validus Holdings, Ltd. and Glatfelter Insurance Group, also strengthened its global General Insurance business. The company's CEO, Brian Duperreault, has made a significant shift in its capital utilization and now expects to utilize capital for possible buyouts in the international markets, boosting the company's personal and life lines segments plus investing in the domestic middle market as opposed to its hitherto usage of capital resource for share repurchases. This strategy should lead to long-term growth via business expansion.

▲ **Cost-Control Efforts:** The company undertook a transformative program named AIG 200, which is a global, multi-year initiative to achieve transformational changes. This initiative, costing the company \$1.3 billion provided a \$400-cost saving in 2020. The company expects to achieve run rate savings worth \$650 million by the end of 2021 and another \$1 billion by the end of 2022. The expense ratio improved 150 basis points in the first quarter of 2021, reflecting the impact of AIG 200 savings and a consistent expense discipline. We believe, the company's efforts will lead to operational efficiency and provide an extra cushion to its operating margins.

Reasons To Sell:

- ▼ **Revenues Under Pressure:** The company's revenues have been under pressure since the past several years. The same slid 0.8% year over year in 2020 and by 5.7% in the first quarter of 2021. Though the company's Commercial lines business saw a rate increase and its business climate is likely to become better this year, the Personal lines insurance business is expected to remain weak due to softness in travel business, which continues to be impacted by the pandemic as well as reinsurance ceded to Syndicate 2019. This is likely to suppress revenue growth until travel resurges.
- ▼ **Low Interest Rates a Headwind:** Net investment income declined 7% to \$12.3 billion for 2020 after adjusting the Fortitude divestment. In the first quarter of 2021, the same was up 26% year over year, reflecting a strong private equity and real-estate returns. However, given that the interest rates are expected to remain at low levels for now, we expect investment income to remain under pressure. The low interest rate environment affects sales of interest rate sensitive products, such as annuities. Additionally, persistently low interest rates may result in higher pension expense due to the impact of discounting projected benefit cash flows.
- ▼ **Exposure to Catastrophe Loss:** The company's property and casualty business exposes it to weather-related losses. It has been incurring catastrophe losses over the years that have weighed on its underwriting margins. In 2020, the company incurred \$1.4 billion of catastrophe loss (up \$1.94 billion year over year), up 92% year over year, which also included COVID-19 losses, which weighed on its operating margins. Catastrophe losses totaled \$422 million pretax or 7.3 loss ratio points in the first quarter of 2021 compared with 6.9 loss ratio points in the prior-year quarter. Given its exposure to weather related losses, the company's earnings will continue to remain volatile.
- ▼ **Solvency Position:** As of Mar 31, 2021, AIG had total debt of \$26.4 billion and cash balance of \$2.8 billion. Further, debt-to-equity ratio of 56.3 is higher than the industry's average of 38.2. Its times-interest-earned ratio is a negative 4.01 compared with the industry's average of 3.44. Its high level of debt compared to liquidity position might make it difficult to service its debt.
- ▼ **Low Return on Equity (ROE):** The company's ROE of 4.7% for the first quarter of 2021, is lower than the industry average of 7.6%. This reflects the company's relative inefficiency in utilizing shareholders' funds.

Weak revenues, exposure to catastrophe losses and weak solvency position pose risks.

Last Earnings Report

American International (AIG) Q1 Earnings Top, Revenues Down Y/Y

American International Group's first-quarter 2021 adjusted operating earnings of \$1.05 per share, which outpaced the Zacks Consensus Estimate by 6.1%. Further, the bottom line increased to nearly nine-fold on a year-over-year basis.

The company's results indicate improved net investment income in each of its segments, strong underwriting income across General Insurance segment, reduced Variable Annuity DAC and SIA amortization net of fee income and alterations in reserves in Life and Retirement stemming from sound performance across equity market. However, the upside was partially negated by elevated COVID-19-related mortality claims.

However, total revenues declined 5.7% year over year to \$10.6 billion in the quarter primarily due to lower premiums. The figure also missed the Zacks Consensus Estimate by 2.9%. Nevertheless, the top line partly benefited from uptick in policy fees and net investment income.

Total net investment income surged 46% year over year to \$3.7 billion attributable to improved income arising from alternative investments and FVO equity securities.

In the first quarter, total benefit, losses and expenses slumped 18.2% year over year to \$9.7 billion driven by reduced policyholder benefits and losses incurred, interest credited to policyholder account balances, amortization of deferred policy acquisition costs, general operating and other expenses and, interest expense.

Adjusted return on common equity came in at 7.4% reflecting an improvement of 660 basis points (bps) year over year. As of Mar 31, 2021, the company's adjusted book value per share was \$58.69, which declined 3.1% year over year.

Segmental Update

General Insurance

Net premium written climbed 9% year over year to \$6.5 billion in the quarter under review. The upside can be attributed to continuous rate increases in most lines, high retention rates and growing new business volumes resulting in 29% and 20% growth across North America Commercial Lines and International Commercial Lines, respectively.

The segment reported an underwriting income of \$73 million, against the prior-year quarter's underwriting loss of \$87 million. The underwriting income encompassed CATs of \$422 million arising mainly from winter storms.

Combined ratio at the segment came in at 98.8%, which improved 270 bps year over year.

Life and Retirement

Adjusted pre-tax income of the segment surged 57% year over year to \$941 million, courtesy of Individual and Group Retirement, and Institutional Markets benefiting from improved net investment income.

Premiums plunged 53% year over year to \$600 million in the quarter. Also, premiums and deposits of \$607 million slipped 9% year over year on account of the fact that the first quarter of 2020 witnessed increased

Pension Risk Transfer and Guaranteed Investment Contract activity. Nevertheless, the metric partly benefited from higher Variable Annuity sales.

On Oct 26, 2020, American International announced its intention to separate its Life and Retirement business regarding which no decision has been finalized yet.

Capital Position (as of Mar 31, 2021)

The company exited the first quarter with cash of \$2.8 billion, which dipped 1.1% from 2020-end level.

Long-term debt totaled \$26.4 billion, which slumped 5.9% from the level at 2020 end.

Total equity of \$63.6 billion declined 5.4% from the figure as on Dec 31, 2020.

Total assets inched down 0.4% from 2020-end level to \$584.4 billion during the quarter.

Share Repurchase & Dividend Update

During the reported quarter, American International bought back shares worth around \$362 million.

Concurrent with first-quarter results, the company's board of directors approved a quarterly cash dividend of 32 cents per share. The dividend will be paid on Jun 29, 2021 to shareholders of record as on Jun 15.

Quarter Ending

03/2021

Report Date	May 06, 2021
Sales Surprise	-2.86%
EPS Surprise	6.06%
Quarterly EPS	1.05
Annual EPS (TTM)	3.46

Recent News

AIG Arm Brings Mobile App, Eases Enrollment in Retirement Plans – Mar 30, 2021

The company's unit AIG Retirement Services, recently rolled out mobile app capabilities in a bid to ease nonprofit and public sector employees' enrollment in workplace retirement plans.

The advanced mobile app can be availed by newly hired and plan-eligible employees who will make use of the digital tool for easy execution of the plan enrollment process at their own convenience.

AIG's Unit Launches Solution to Meet Varied Retirement Needs – Mar 22, 2021

AIG's unit, AIG Life & Retirement, introduced a protected lifetime income benefit named Lifetime Income Choice. Notably, the benefit will offer a flexible income solution, which addresses the varied retirement needs and goals of a consumer. Equipped to customize the income strategy in accordance to consumers' lifestyle needs, Lifetime Income Choice benefit can be availed in two forms — Max Income and Level Income .

Valuation

American International Group's shares are up 37.3% in the year-to-date period and 57.3% over the trailing 12-month period. Stocks in the Zacks sub-industry and the Zacks Finance sector are up 16.7% and 19.6% in the year-to-date period, respectively. Over the past year, the Zacks sub-industry and the sector are up 41% and 46.2%, respectively.

The S&P 500 index is up 13.7% in the year-to-date period and up 41.6% in the past year

The stock is currently trading at 0.67x trailing 12-month book value, which compares to 0.82x for the Zacks sub-industry, 3.31x for the Zacks sector and 7.03x for the S&P 500 index.

Over the past five years, the stock has traded as high as 0.9x and as low as 0.24x, with a 5-year median of 0.72x. Our Neutral recommendation indicates that the stock will perform in-line with the market. Our \$50 price target reflects 0.7x book value.

The table below shows summary valuation data for AIG

Valuation Multiples - AIG					
		Stock	Sub-Industry	Sector	S&P 500
P/B TTM	Current	0.67	0.82	3.31	7.03
	5-Year High	0.9	1.96	3.41	7.08
	5-Year Low	0.24	0.82	1.77	3.84
	5-Year Median	0.72	1.5	2.64	5.02
P/S F12M	Current	0.99	0.59	8.55	4.72
	5-Year High	1.6	1.73	8.55	4.74
	5-Year Low	0.33	0.56	5.08	3.21
	5-Year Median	0.98	1.22	6.21	3.71
P/E F12M	Current	10.72	10.88	16.54	21.84
	5-Year High	21.72	13.06	17.24	23.83
	5-Year Low	4.06	6.61	11.6	15.31
	5-Year Median	10.38	9.75	14.94	18.05

As of 06/17/2021

Source: Zacks Investment Research

Industry Analysis Zacks Industry Rank: Bottom 19% (204 out of 252)



Top Peers

Company (Ticker)	Rec	Rank
Aegon NV (AEG)	Neutral	3
The Hartford Financial Services Group, Inc. (HIG)	Neutral	3
Legal & General Group PLC (LGGNY)	Neutral	3
MetLife, Inc. (MET)	Neutral	2
Prudential Financial, Inc. (PRU)	Neutral	2
Prudential Public Limited Company (PUK)	Neutral	3
Swiss Re Ltd. (SSREY)	Neutral	3
Zurich Insurance Group Ltd. (ZURVY)	Neutral	3

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

Industry Comparison Industry: Insurance - Multi Line				Industry Peers		
	AIG	X Industry	S&P 500	PRU	PUK	SSREY
Zacks Recommendation (Long Term)	Neutral	-	-	Neutral	Neutral	Neutral
Zacks Rank (Short Term)	3	-	-	2	3	3
VGM Score	C	-	-	C	B	D
Market Cap	41.85 B	4.41 B	29.66 B	39.65 B	53.69 B	29.91 B
# of Analysts	6	3	12	4	3	2
Dividend Yield	2.62%	1.37%	1.35%	4.57%	1.04%	4.28%
Value Score	B	-	-	A	A	C
Cash/Price	0.50	0.23	0.05	1.09	0.15	0.25
EV/EBITDA	-32.50	6.55	16.95	104.12	21.05	296.44
PEG F1	1.06	1.30	2.09	0.73	1.30	NA
P/B	0.67	1.12	4.06	0.68	2.43	1.10
P/CF	6.62	10.53	17.27	8.72	11.78	NA
P/E F1	10.56	11.24	20.99	7.67	11.73	14.23
P/S TTM	0.96	1.21	3.39	0.71	NA	NA
Earnings Yield	9.19%	8.55%	4.65%	13.04%	8.53%	7.00%
Debt/Equity	0.57	0.25	0.66	0.34	0.30	0.42
Cash Flow (\$/share)	7.37	2.03	6.83	11.53	3.49	-0.21
Growth Score	F	-	-	D	C	D
Historical EPS Growth (3-5 Years)	6.92%	9.66%	9.44%	4.33%	NA	NA
Projected EPS Growth (F1/F0)	77.65%	23.68%	21.49%	28.48%	-0.09%	317.76%
Current Cash Flow Growth	-30.14%	6.67%	0.99%	-13.89%	0.68%	-120.63%
Historical Cash Flow Growth (3-5 Years)	-3.42%	0.49%	7.28%	-0.83%	-1.47%	NA
Current Ratio	0.33	0.58	1.39	0.11	0.02	0.24
Debt/Capital	35.93%	20.83%	41.51%	25.13%	23.07%	29.82%
Net Margin	-8.73%	7.03%	11.95%	4.88%	NA	NA
Return on Equity	4.75%	7.95%	16.48%	7.56%	NA	NA
Sales/Assets	0.08	0.18	0.51	0.06	NA	NA
Projected Sales Growth (F1/F0)	-5.02%	0.00%	9.41%	2.73%	0.00%	-10.69%
Momentum Score	A	-	-	D	D	F
Daily Price Change	-5.63%	-1.11%	-0.04%	-4.30%	-2.33%	-1.11%
1-Week Price Change	-2.62%	-0.22%	-0.41%	-2.68%	0.10%	-1.93%
4-Week Price Change	-3.48%	-1.60%	1.51%	-4.79%	-3.18%	-1.53%
12-Week Price Change	4.88%	-1.43%	7.99%	10.68%	-5.10%	-5.70%
52-Week Price Change	50.20%	34.20%	35.52%	57.15%	37.53%	20.36%
20-Day Average Volume (Shares)	3,442,999	237,558	1,771,802	1,773,701	173,462	35,301
EPS F1 Estimate 1-Week Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
EPS F1 Estimate 4-Week Change	0.00%	0.00%	0.03%	-0.19%	0.00%	0.00%
EPS F1 Estimate 12-Week Change	0.37%	0.24%	3.37%	11.43%	1.25%	-13.12%

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

EPS Q1 Estimate Monthly Change	0.00%	0.00%	0.00%	0.33%	NA	NA
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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.

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

Disclosures

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

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

Glossary of Terms and Definitions

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

proportionate to its market value.

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

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

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

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

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

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

Periods:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

P/TB Ratio: The price-to-tangible-book value ratio is calculated as 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.