

Prudential Financial(PRU)

\$100.64 (As of 06/17/21)

Price Target (6-12 Months): **\$106.00**

Long Term: 6-12 Months

Zacks Recommendation:

Neutral

(Since: 07/07/20)

Prior Recommendation: Underperform

Short Term: 1-3 Months

Zacks Rank: (1-5)

2-Buy

Zacks Style Scores:

VGM:C

Value: A

Growth: D

Momentum: D

Summary

Prudential continues to benefit from solid asset-based businesses, improved margins in Group Insurance business and international operations. High performing asset management business and deeper reach in the pension risk transfer market are catalysts for long-term growth. The company's strategic initiatives have also strengthened existing capabilities. Shares have outperformed the industry in a year. Its policy of returning value to shareholders through share buybacks and dividend payments bodes well. However, exposure to low interest rates and products like annuities and universal life yielding minimum return are concerns. It expects second-quarter earnings of \$2.97 per share. Net investment income is projected to decline by \$10 million. Also, high costs weigh on margin expansion. Lower return on equity poses financial risk for the company.

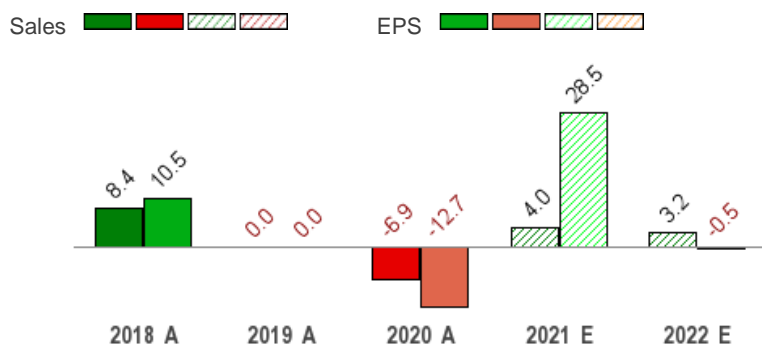
Price, Consensus & Surprise



Data Overview

52-Week High-Low	\$109.17 - \$57.11
20-Day Average Volume (Shares)	1,773,701
Market Cap	\$39.7 B
Year-To-Date Price Change	28.9%
Beta	1.71
Dividend / Dividend Yield	\$4.60 / 4.6%
Industry	Insurance - Multi line
Zacks Industry Rank	Bottom 19% (204 out of 252)

Sales and EPS Growth Rates (Y/Y %)



Last EPS Surprise	53.4%
Last Sales Surprise	-9.1%
EPS F1 Estimate 4-Week Change	-0.2%
Expected Report Date	08/03/2021
Earnings ESP	-1.5%

Sales Estimates (millions of \$)

	Q1	Q2	Q3	Q4	Annual*
2022	14,971 E	14,308 E	14,741 E	14,592 E	58,107 E
2021	14,215 A	13,798 E	14,217 E	14,378 E	56,320 E
2020	13,334 A	13,078 A	13,336 A	15,076 A	54,149 A

EPS Estimates

	Q1	Q2	Q3	Q4	Annual*
2022	\$3.22 E	\$3.28 E	\$3.40 E	\$3.09 E	\$13.06 E
2021	\$4.11 A	\$3.01 E	\$3.03 E	\$2.85 E	\$13.12 E
2020	\$2.32 A	\$1.85 A	\$3.21 A	\$2.93 A	\$10.21 A

*Quarterly figures may not add up to annual.

P/E TTM	8.3
P/E F1	7.7
PEG F1	0.9
P/S TTM	0.7

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

Headquartered in Newark, NJ, Prudential Financial Inc. was founded in 1875. Through its subsidiaries and affiliates, this a financial services leader offers an array of financial products and services including life insurance, annuities, retirement-related services, mutual funds, investment management and real estate services. These are offered to individual and institutional customers across United States, Asia, Europe and Latin America.

Prudential's principal operations are comprised of five divisions, which together encompass seven segments, and Corporate and Other operations.

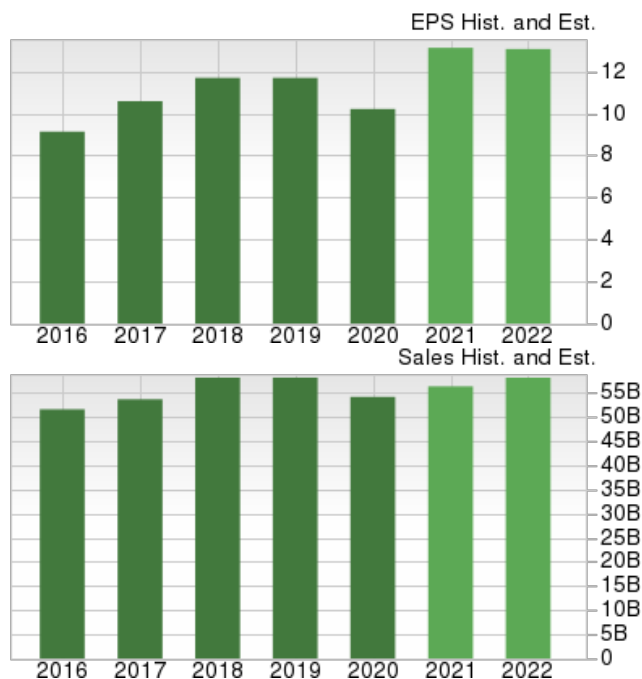
The U.S. Workplace Solutions division (32.9% of 2020 Revenues) consists of Retirement and Group Insurance segments. Retirement provides retirement investment and income products and services to retirement plan sponsors in the public, private and not-for-profit sectors. Group Insurance provides a full range of group life, long-term and short-term group disability, and group corporate-, bank- and trust-owned life insurance in the United States.

The International Insurance division (39.8%) consists of International Insurance segment, and the Closed Block division consists of Closed Block segment. International Insurance develops and distributes life insurance, retirement products and certain accident and health products with fixed benefits.

The U.S. Individual Solutions division (19.7%) consists of Individual Annuities and Individual Life segments. Individual Annuities develops and distributes individual variable and fixed annuity products. Individual Life develops and distributes term life, variable life and universal life insurance products.

The PGIM division (7.6%) provides asset management services related to public and private fixed income, public equity and real estate, commercial mortgage origination and servicing, and mutual funds and other retail services.

Corporate and Other operations include corporate items and initiatives that are not allocated to business segments and businesses that have been or will be divested or placed in run-off.



Reasons To Buy:

- ▲ Shares of Prudential have gained 59.5% in a year, outperforming the industry's increase of 36.7%. Strong fundamentals are likely to help the stock keep the momentum alive going forward.
- ▲ Prudential is witnessing huge demand for retirement benefits' products for baby boomers, which is expected to continue. The U.S. Census Bureau projects that nearly 25% of the population will be 65 years or older by 2050. Prudential's vast distribution network, compelling product portfolio and superior brand image will give it a competitive edge.
- ▲ Prudential has emerged to be among the top five individual life insurance companies in the U.S. with new recurring premium sales, greater scale, expanded product offerings and broader distribution capabilities. Premiums have increased consistently since 2015. Given the company's leading position in universal, term and variable life insurance and expanding Retirement business, we expect premium growth to continue in the coming quarters. Prudential remains focused on repricing as well as moving toward lower risk and less capital-intensive products. As the company transforms to become a higher growth, less market-sensitive business, it expects to double its growth businesses to more than 30% of earnings and have the individual annuities business to 10% or less of earnings.
- ▲ Prudential executed on a number of our strategic initiatives in 2020 to reduce market sensitivity and increase growth potential, including the expansion of cost savings program. Based on the progress of accelerating savings and creating new ways of working, the company expects to deliver \$750 million in cost savings by the end of 2023, \$400 million of which were targeted for 2021. Cost savings for the first quarter were \$110 million. The company is in the process of reallocating \$5 billion to \$10 billion of capital by pursuing strategic acquisitions to grow in asset management and in international emerging markets. Further, it remains focused on investing in other businesses to expand addressable market and to continue to improve expense and capital efficiency.
- ▲ Prudential undertakes several strategic initiatives, which poise it well for long-term growth. In May, its business unit Prudential Group Insurance collaborated with PlanSource Boost to enhance the process of choosing and managing group benefits. In 2019, Prudential acquired Assurance to bolster financial wellness solutions business. The acquisition will help generate cost savings between \$50 million and \$100 million, in addition to expected margin expansion of \$500 million by 2022. Prudential projects mid-to-high single digit earnings growth in the U.S. Financial Wellness business in the intermediate term. Such initiatives bode well as it expands the company's existing set of capabilities.
- ▲ Prudential has a strong international presence that gives it more organic growth opportunities than its peers. Expanding its international business (mainly in Japan and China) is vital for long-term growth. Prudential has a strong footprint in Japan, which offers attractive opportunities to capitalize on protection products and retirement needs and which has historically generated ROE in the 20% range. Sales across both Life Planner and Gibraltar operations were lower than the prior year as Japan's metropolitan areas were in a state of emergency in the first quarter. Also, lower demand for U.S. dollar-denominated products following price increases last year resulted in the downside. The company's business in Brazil has gained sufficient scale and should become an important contributor to earnings growth in the international division over the next few years. The company also expanded in Malaysia which is an attractive market, with low life insurance penetration, a well-developed regulatory environment and long-term growth potential.
- ▲ Prudential remains upbeat about expanding its international footprint with focus on directing earnings mix to higher-growth markets. To that end, the company closed on the transaction to divest Prudential of Korea and received proceeds of \$1.6 billion. The company also looks for strategic alternatives in the form of divesting for Taiwan business. With respect to rotating the international earnings mix, in the third quarter, Prudential agreed to sell Prudential of Taiwan to Taishin Financial Holding. It expects the transaction to close in 2021 subject to regulatory approvals.
- ▲ Prudential has successfully generated investors' value by resorting to shareholder-friendly measures such as dividend payments and share repurchases, over time. The company has been increasing its dividend for the past 12 years. Its dividend yield of 4.6% compares favorably with the industry's figure of 2.1%. Its board of directors has authorized the repurchase of its outstanding Common Stock during the period from Jan 1, 2021 through Dec 31, 2021. Prudential's expanded shareholder return program is supported by its sturdy balance sheet that included \$5.4 billion in highly liquid assets at the end of the first quarter 2021. Prudential envisions about 65% free cash flow ratio of earnings and about two times its dividend. In the first quarter, it increased shareholder dividend by 5% and repurchased \$375 million of common shares. In addition, based on favorable equity market and interest rate environment, it announced a \$500 million increase to 2021 share repurchase authorization. The company expects to repurchase these additional shares starting in the second quarter. As a result, it now expects to return \$10.5 billion to shareholders through 2023.

Demographic changes working in favor of Prudential, proven acquisition and integration track record, brand value, wide agent network and growing international business are positives.

The company has a solid liquidity that includes \$4 billion credit facility and access to \$3 billion of funding from a contingent capital facility.

- ▲ Prudential's debt level has been decreasing over the last few quarters with improving debt to capital ratio. Debt balance totaled \$20.6 billion as of Mar 31, 2021, down 9.2% from the 2020-end level. Also, debt to capital of 25.9% compares favorably with the industry's measure of 30.1%. Decreasing debt level has also led to decrease in interest expenses, which were down 2.8% to \$376 million in the first quarter of 2021.

Reasons To Sell:

- ▼ Prudential's exposure to products like annuities and universal life, which guarantee minimum return, will strain its capital. Its results have been suffering due to additional reserve accretion required when the low interest rate increases the value of these liabilities. The company expects individual annuities and individual life sales to continue to move lower in the near term due to repricing and repositioning of products.
- ▼ Prudential anticipates second-quarter 2021 earnings of \$2.97 per share, which is in-line with the Zacks Consensus Estimate. The second -quarter baseline includes a net mortality impact of \$70 million due to COVID-19. Net investment income is anticipated to decrease by \$10 million due to the difference between new money rates and disposition yields of its investment portfolio.
- ▼ Over the last few years, the company has been witnessing increase in expenses. Total benefits and expenses of \$12.1 billion were up 3.9% year over year in the first quarter. This increase in expenses was mainly attributable to higher insurance and annuity benefits as well as general and administrative costs. However, the company expects expenses and other items to be approximately \$500 million lower in the second quarter, primarily as a result of favorable items in the first quarter, including \$378 million gain from the sale of PGIM's joint venture in Italy and seasonality.
- ▼ Return on equity, a profitability measure, represents how efficiently a company is utilizing shareholder's funds to generate earnings. Prudential's return on equity of 7.5% compares unfavorably with the industry average of 8.5%.

Low interest rates, an underperforming group disability business, regulatory control increase in expenses weighing on margin expansion remain concerns.

Last Earnings Report

Prudential Q1 Earnings Beat, Revenues Miss Estimates

Prudential Financial, Inc.'s first-quarter 2021 operating net income of \$4.11 per share beat the Zacks Consensus Estimate by 53.3%. The bottom line also increased 77.1% year over year on higher contributions from Prudential Global Investment Management (PGIM), U.S. and International businesses.

Behind the Headlines

Total revenues of \$14.2 billion were up 6.6% year over year due to higher premiums, policy charges and fee income, net investment income, asset management fees, commissions as well as other income. However, the top line missed the Zacks Consensus Estimate by about 9.1%.

Total benefits and expenses of \$12.1 billion were up 3.9% year over year for the quarter. This increase in expenses was mainly attributable to higher insurance and annuity benefits as well as general and administrative costs.

Quarterly Segment Update

PGIM reported adjusted operating income of \$651 million, which increased more than three-fold year over year. The increase was attributable to a \$378-million gain from the sale of ownership in Pramerica SGR. The upside reflects higher asset management fees, driven by an increase in average account values and Other Related Revenue on the back of growth in co- and seed investment income, agency revenues as well as incentive fees, partially offset by greater expenses.

U.S. Businesses' adjusted operating income was \$852 million, up 37.6% from the year-ago quarter. The increase reflects higher net investment spread results, driven by increased variable investment income and net fee income, primarily due to equity market appreciation. It was partially offset by less favorable underwriting results due to COVID-related net mortality experience.

Assurance IQ incurred adjusted operating loss of \$39 million, wider than the loss of \$23 million in the year-ago quarter. This reflects an 80% increase in revenues that were more than offset by increased expenses to support business growth.

International delivered adjusted operating income of \$871 million, up 25.1% from the year-earlier period, attributable to higher net investment spread results, more favorable underwriting results, business growth and greater earnings from joint venture investments.

Corporate and Other Operations incurred adjusted operating loss of \$286 million, narrower than \$342 million loss a year ago. The improvement reflects lower expenses, higher income from pension and other employee benefit plans as well as reduced interest expense, partially offset by low net investment income.

Share Repurchase Update

Prudential returned capital worth \$842 million to shareholders in the first quarter of 2021.

Financial Update

Cash and cash equivalents of \$16.1 billion at quarter-end decreased 49.1% from the 2020-end level.

Debt balance totaled \$20.6 billion as of Mar 31, 2021, down 9.2% from the 2020-end level.

As of Mar 31, 2021, Prudential's assets under management increased 12.3% year over year to \$1.663 trillion.

Adjusted book value per common share — a measure of the company's net worth — came in at \$100.49 as of Mar 31, 2021, up 0.8% year over year.

Operating return on average equity was 17% for the first quarter, expanding 810 basis points year over year.

Quarter Ending 03/2021

Report Date	May 04, 2021
Sales Surprise	-9.07%
EPS Surprise	53.36%
Quarterly EPS	4.11
Annual EPS (TTM)	12.10

Recent News

Prudential Unveils Indexed Annuity to Meet Retirement Needs - Jun 15, 2021

Prudential Financial recently introduced an indexed variable annuity product named FlexGuard Income. The product seems to be an improvement over the company's FlexGuard product launched in May 2020. The latest product shares the common features of boosting retirement income and offering protection to the assets of customers amid any market downturns. The latest product forms part of Prudential's U.S. Individual Solutions portfolio. Through the unit, the company rolls out individual variable and fixed annuity products for U.S. consumers with an intensified focus on developing unique product design capabilities and devising risk management strategies.

Prudential Declares Quarterly Dividend – May 12, 2021

The board of directors approved a quarterly cash dividend of \$1.15 per share. The dividend was paid on Jun 17, 2021, to shareholders of record on May 25, 2021.

Valuation

Prudential shares are up 28.9% and 59.5% in the year-to-date period and over the trailing 12-month period, respectively. Stocks in the Zacks sub-industry and the Zacks Finance sector are up 13.4% and 17.3% in the year-to-date period, respectively. Over the past year, the Zacks sub-industry and sector are up 36.7% and 42.9% respectively.

The S&P 500 index are up 13.2% in the year-to-date period and 38.4% in the past year.

The stock is currently trading at 7.69x forward 12-month price to earnings, which compares to 10.46x for the Zacks sub-industry, 16.21x for the Zacks sector and 21.69x for the S&P 500 index..

Over the past five years, the stock has traded as high as 11.8x and as low as 3.22x, with a 5-year median of 7.67x. Our Neutral recommendation indicates that the stock will perform in-line with the market. Our \$106 price target reflects 8.1x forward 12-month earnings.

The table below shows summary valuation data for PRU

Valuation Multiples - PRU					
		Stock	Sub-Industry	Sector	S&P 500
P/E F12M	Current	7.69	10.46	16.21	21.69
	5-Year High	11.8	13.06	17.24	23.83
	5-Year Low	3.22	6.61	11.6	15.31
	5-Year Median	7.67	9.75	14.94	18.05
P/S F12M	Current	0.69	0.59	8.56	4.7
	5-Year High	1	1.73	8.56	4.74
	5-Year Low	0.26	0.55	5.08	3.21
	5-Year Median	0.7	1.22	6.21	3.72
P/B TTM	Current	0.68	0.82	3.3	7.03
	5-Year High	1.06	1.96	3.4	7.08
	5-Year Low	0.25	0.82	1.77	3.84
	5-Year Median	0.73	1.5	2.64	5.02

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
Aflac Incorporated (AFL)	Neutral	2
American International Group, Inc. (AIG)	Neutral	3
Cigna Corporation (CI)	Neutral	3
MetLife, Inc. (MET)	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		
	PRU	X Industry	S&P 500	AIG	CI	MET
Zacks Recommendation (Long Term)	Neutral	-	-	Neutral	Neutral	Neutral
Zacks Rank (Short Term)	2	-	-	3	3	2
VGM Score	C	-	-	C	A	B
Market Cap	39.65 B	4.41 B	29.66 B	41.85 B	81.22 B	52.74 B
# of Analysts	4	3	12	6	12	4
Dividend Yield	4.57%	1.37%	1.35%	2.62%	1.69%	3.19%
Value Score	A	-	-	B	A	A
Cash/Price	1.09	0.23	0.05	0.50	0.10	0.67
EV/EBITDA	104.12	6.55	16.95	-32.50	6.94	4.56
PEG F1	0.83	1.30	2.09	1.09	1.01	1.74
P/B	0.68	1.12	4.06	0.67	1.71	0.80
P/CF	8.72	10.53	17.27	6.62	8.91	9.99
P/E F1	7.48	11.24	20.99	10.89	11.58	8.45
P/S TTM	0.71	1.21	3.39	0.96	0.50	0.81
Earnings Yield	13.04%	8.55%	4.65%	9.19%	8.64%	11.83%
Debt/Equity	0.34	0.25	0.66	0.57	0.66	0.23
Cash Flow (\$/share)	11.53	2.03	6.83	7.37	26.57	6.03
Growth Score	D	-	-	F	C	D
Historical EPS Growth (3-5 Years)	4.33%	9.66%	9.44%	6.92%	22.60%	7.91%
Projected EPS Growth (F1/F0)	28.48%	23.68%	21.49%	77.65%	10.78%	15.75%
Current Cash Flow Growth	-13.89%	6.67%	0.99%	-30.14%	-5.23%	0.52%
Historical Cash Flow Growth (3-5 Years)	-0.83%	0.49%	7.28%	-3.42%	27.57%	0.88%
Current Ratio	0.11	0.58	1.39	0.33	0.80	0.14
Debt/Capital	25.13%	20.83%	41.51%	35.93%	39.64%	18.83%
Net Margin	4.88%	7.03%	11.95%	-8.73%	5.18%	2.05%
Return on Equity	7.56%	7.95%	16.48%	4.75%	13.82%	8.75%
Sales/Assets	0.06	0.18	0.51	0.08	1.04	0.08
Projected Sales Growth (F1/F0)	2.73%	0.00%	9.41%	-5.02%	3.90%	-0.97%
Momentum Score	D	-	-	A	B	A
Daily Price Change	-4.30%	-1.11%	-0.04%	-5.63%	-0.13%	-5.43%
1-Week Price Change	-2.68%	-0.22%	-0.41%	-2.62%	-4.38%	-3.68%
4-Week Price Change	-4.79%	-1.60%	1.51%	-3.48%	-9.20%	-6.53%
12-Week Price Change	10.68%	-1.43%	7.99%	4.88%	-1.95%	0.35%
52-Week Price Change	57.15%	34.20%	35.52%	50.20%	24.59%	58.10%
20-Day Average Volume (Shares)	1,773,701	237,558	1,771,802	3,442,999	1,613,625	4,461,091
EPS F1 Estimate 1-Week Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
EPS F1 Estimate 4-Week Change	-0.19%	0.00%	0.03%	0.00%	0.11%	0.18%
EPS F1 Estimate 12-Week Change	11.43%	0.24%	3.37%	0.37%	1.12%	12.77%

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	0.33%	:	0.00%	0.00%	:	0.00%	-0.22%	0.64%
Source: Zacks Investment Research								

Zacks Stock Rating System

We offer two rating systems that take into account investors' holding horizons: Zacks Rank and Zacks Recommendation. Each provides valuable insights into the future profitability of the stock and can be used separately or in combination with each other depending on your investment style.

Zacks Recommendation

The Zacks Recommendation aims to predict performance over the next 6 to 12 months. The foundation for the quantitatively determined Zacks Recommendation is trends in the company's estimate revisions and earnings outlook. The Zacks Recommendation is broken down into 3 Levels; Outperform, Neutral and Underperform. Unlike many Wall Street firms, we maintain a balance between the number of Outperform and Neutral recommendations. Our team of 70 analysts are fully versed in the benefits of earnings estimate revisions and how that is harnessed through the Zacks quantitative rating system. But we have given our analysts the ability to override the Zacks Recommendation for the 1200 stocks that they follow. The reason for the analyst over-rides is that there are often factors such as valuation, industry conditions and management effectiveness that a trained investment professional can spot better than a quantitative model.

Zacks Rank

The Zacks Rank is our short-term rating system that is most effective over the one- to three-month holding horizon. The underlying driver for the quantitatively-determined Zacks Rank is the same as the Zacks Recommendation, and reflects trends in earnings estimate revisions.

Zacks Style Scores

The Zacks Style Score is as a complementary indicator to the Zacks rating system, giving investors a way to focus on the highest rated stocks that best fit their own stock picking preferences.

Academic research has proven that stocks with the best Value, Growth and Momentum characteristics outperform the market. The Zacks Style Scores rate stocks on each of these individual styles and assigns a rating of A, B, C, D and F. We also produce the VGM Score (V for Value, G for Growth and M for Momentum), which combines the weighted average of the individual Style Scores into one score. This is perfectly suited for those who want their stocks to have the best scores across the board.

Value Score	A
Growth Score	D
Momentum Score	D
VGM Score	C

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

Disclosures

This report contains independent commentary to be used for informational purposes only. The analysts contributing to this report do not hold any shares of this stock. The analysts contributing to this report do not serve on the board of the company that issued this stock. The EPS and revenue forecasts are the Zacks Consensus estimates, unless indicated otherwise on the reports first page. Additionally, the analysts contributing to this report certify that the views expressed herein accurately reflect the analysts personal views as to the subject securities and issuers. ZIR certifies that no part of the analysts compensation was, is, or will be, directly or indirectly, related to the specific recommendation or views expressed by the analyst in the report.

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ZIR uses the following rating system for the securities it covers. **Outperform-** ZIR expects that the subject company will outperform the broader U.S. equities markets over the next six to twelve months. **Neutral-** ZIR expects that the company will perform in line with the broader U.S. equities markets over the next six to twelve months. **Underperform-** ZIR expects the company will underperform the broader U.S. equities markets over the next six to twelve months.

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Additional Disclosure

This material represents an assessment of the market and economic environment at a specific point in time and is not intended to be a forecast of future events, or a guarantee of future results. Forward-looking statements are subject to certain risks and uncertainties. Any statements that refer to expectations, projections or characterizations of future events or circumstances, including any underlying assumptions, are forwardlooking statements. Actual results, performance, or achievements may differ materially from those expressed or implied.

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 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 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 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 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.