

BNY Mellon (BK)

\$46.66 (As of 03/12/21)

Price Target (6-12 Months): **\$49.00**

Long Term: 6-12 Months

Zacks Recommendation:

Neutral

(Since: 09/08/19)

Prior Recommendation: Underperform

Short Term: 1-3 Months

Zacks Rank: (1-5)

3-Hold

Zacks Style Scores:

VGM:F

Value: C

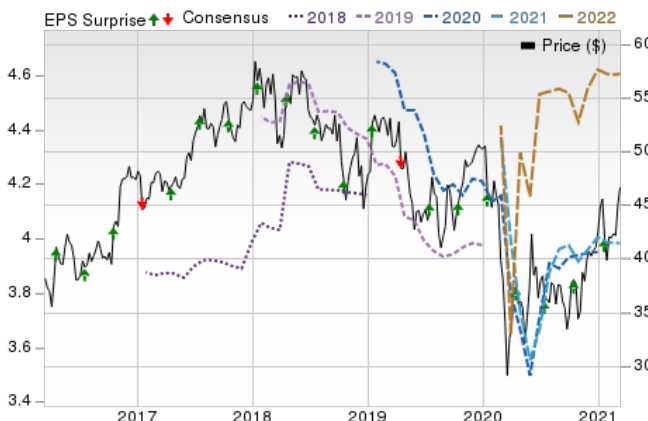
Growth: F

Momentum: F

Summary

Shares of BNY Mellon have underperformed the industry over the past three months. The company's earnings surpassed the Zacks Consensus Estimate in each of the trailing four quarters. The company's global diversification efforts, robust assets under management (AUM) balance and prudent expense-management efforts are likely to keep supporting financials in the upcoming quarters. Given a solid liquidity position, its capital deployments seem sustainable. However, margins are expected to remain under pressure amid near-zero interest rates and the Federal Reserve signalling no change in the near-term. Concentration risk, arising from significant dependence on fee-based revenues, is another concern, as in case of any change in individual investment preferences of its clients, the company's financial position could be adversely impacted.

Price, Consensus & Surprise

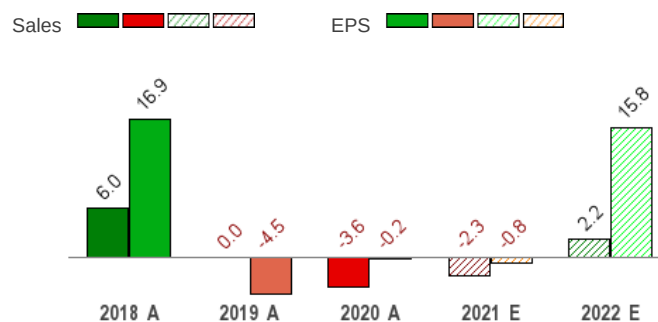


Source: Zacks Investment Research

Data Overview

52-Week High-Low	\$46.90 - \$26.40
20-Day Average Volume (Shares)	6,052,649
Market Cap	\$40.9 B
Year-To-Date Price Change	9.9%
Beta	1.05
Dividend / Dividend Yield	\$1.24 / 2.7%
Industry	Banks - Major Regional
Zacks Industry Rank	Top 45% (113 out of 253)

Sales and EPS Growth Rates (Y/Y %)



Last EPS Surprise	3.2%
Last Sales Surprise	-0.1%
EPS F1 Estimate 4-Week Change	-0.2%
Expected Report Date	04/16/2021
Earnings ESP	-0.8%

Sales Estimates (millions of \$)

	Q1	Q2	Q3	Q4	Annual*
2022	3,925 E	3,948 E	3,983 E	4,027 E	15,784 E
2021	3,812 E	3,829 E	3,862 E	3,893 E	15,448 E
2020	4,146 A	3,956 A	3,847 A	3,843 A	15,808 A

EPS Estimates

	Q1	Q2	Q3	Q4	Annual*
2022	\$1.02 E	\$1.18 E	\$1.22 E	\$1.26 E	\$4.61 E
2021	\$0.85 E	\$1.00 E	\$1.05 E	\$1.11 E	\$3.98 E
2020	\$1.05 A	\$1.01 A	\$0.98 A	\$0.96 A	\$4.01 A

*Quarterly figures may not add up to annual.

P/E TTM	11.7
P/E F1	11.7
PEG F1	1.4
P/S TTM	2.4

The data in the charts and tables, including the Zacks Consensus EPS and sales estimates, is as of 03/12/2021. The report's text and the analyst-provided price target are as of 03/15/2021.

Overview

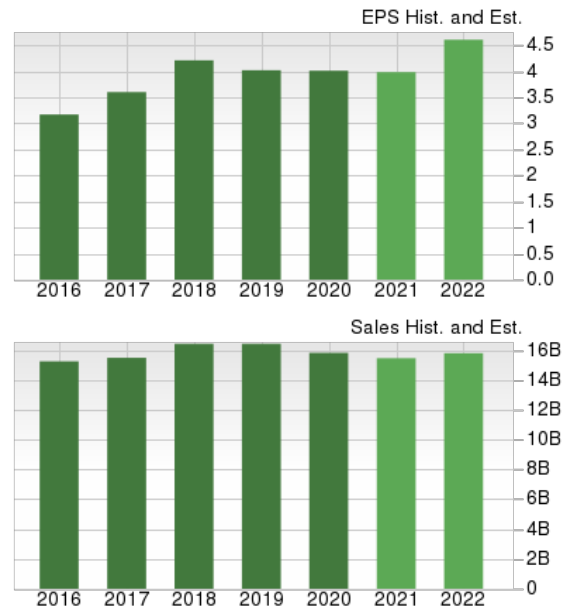
Headquartered in New York and formed as a holding company for The Bank of New York Mellon, The Bank of New York Mellon Corporation (popularly known as BNY Mellon) is a financial services company that has been in business since 1784. The company was incorporated on Jul 1, 2007, following the merger of The Bank of New York Company Inc. and Mellon Financial Corporation.

BNY Mellon operates in 35 countries and provides various products and services to individuals and institutions in more than 100 markets worldwide. The company's global client base consists of financial institutions, corporations, government agencies, endowments and foundations as well as high-net-worth individuals.

BNY Mellon presents operations through the following businesses:

- The **Investment and Wealth Management** segment (7% of average assets in 2020) provides investment management services to institutional and retail investors; and investment management, wealth and estate planning and private banking solutions to high-net-worth individuals and families, as well as foundations and endowments.
- The **Investment Services** segment (81.9%) provides global custody and related services, broker-dealer services, alternative investment services, corporate trust, depository receipt and shareowner services, as well as clearing services and global payment/working capital solutions to global financial institutions.
- The **Other** segment (11.1%) primarily consists of credit-related services, the leasing portfolio, corporate treasury activities, business exits, M&I expenses, as well as other corporate revenues and expense items.

As of Dec 31, 2020, BNY Mellon had \$41.1 trillion in assets under custody and/or administration, and \$2.2 trillion in AUM.



Source: Zacks Investment Research

Reasons To Buy:

- ▲ Though BNY Mellon witnessed a rise in expenses in 2017 and 2018 primarily due to higher investment-related expenses, and litigation and restructuring charges, the same has been decreasing since then. Thus, supported by the company's cost-saving initiatives, non-interest expenses declined at a compound annual growth rate (CAGR) of 1% over the past three years (ended 2020). Despite continued investments in technology, operating expenses are expected to remain manageable in the upcoming quarters as the company eliminates unnecessary management layers and automates processes.
- ▲ BNY Mellon has a solid balance sheet. As of Dec 31, 2020, the company had total debt of \$43.7 billion, significantly lower than its cash and cash equivalents & due from banks of \$148 billion. Further, the company's times interest earned and total debt/total capital ratios have improved at 2020-end. Thus, given the company's decent earnings strength and robust liquidity position, it will be able to continue meeting interest and/or debt repayments, even if economic situation worsens.
- ▲ Amid the coronavirus-induced economic slowdown, the Fed had restricted dividends and paused share repurchases by major banks last year with an aim to conserve liquidity. Nonetheless, with the Fed easing restrictions, BNY Mellon is expected to resume repurchases in first-quarter 2021 (having authorized \$625 million for the quarter), while maintaining the dividend payout at 31 cents per share. Thus, given a solid liquidity position and earning strengthen along with debt-equity ratio and dividend payout ratio lower than the industry, the company's capital deployment activities seem sustainable.
- ▲ Further, BNY Mellon is trying to gain foothold in foreign markets and has undertaken several initiatives of late. Given the huge growth potential of overseas securities markets and a rise in complex new securities, long-term growth prospects of the industry are encouraging. Going forward, the company's international revenues are expected to continue improving as demand for personalized services rises across the globe.
- ▲ Shares of BNY Mellon have underperformed the industry over the past year. The company's 2021 earnings estimates have remained unchanged over the past seven days. Further, the stock seems undervalued right now when compared with the broader industry. Its current price/earnings (F1) and price/book ratios are lower than the respective industry averages. Given the strength in fundamentals and positive estimate revisions, the stock has decent upside potential left.

BNY Mellon's global reach, manageable expenses and strong balance sheet position are likely to keep supporting profits. Additionally, the company's capital deployment plan looks sustainable.

Reasons To Sell:

- ▼ The prevalent low interest rate environment is expected to continue hurting BNY Mellon's revenue growth in the near term. Over the last five quarters, the company's net interest margin (NIM) and net interest revenues (NIR) have been witnessing a decline. With the Federal Reserve indicating no change in interest rates till 2023, the company's NIR and NIM are expected to continue to remain under pressure.
- ▼ BNY Mellon's largest source of revenues is fee income — constituting more than 80% of total revenues in 2020. Concentration risk emanating from higher dependence on fee-based revenues could significantly alter the company's financial position if there is any change in individual investment preferences, regulatory amendments or a slowdown in capital market activities.
- ▼ BNY Mellon's trailing 12-month return on equity (ROE) undercuts its growth potential. The company's ROE of 9.50% compares unfavorably with 14.70% for the S&P 500. This reflects that it is less efficient in using shareholders' funds compared with the overall market.

Lower rates will hamper BNY Mellon's interest revenue growth in the upcoming quarters. Additionally, concentration risk arising from significant dependence on fee-based income is a key concern.

Last Earnings Report

BNY Mellon's Q4 Earnings, Revenues & Costs Decline Y/Y

BNY Mellon's fourth-quarter 2020 adjusted earnings per share of 96 cents were 5% lower than the prior-year quarter's level. The Zacks Consensus Estimate for earnings was 93 cents.

Results for the reported quarter reflect growth in asset balances. Also, lower expenses supported results to some extent. However, a decline in revenues was an undermining factor.

Net income applicable to common shareholders (GAAP basis) was \$702 million or 79 cents per share, down from \$1.39 billion or \$1.52 per share recorded in the prior-year quarter.

For 2020, adjusted earnings of \$4.01 per share were marginally lower than the previous year's reported figure. The Zacks Consensus Estimate for earnings was \$3.96. Net income applicable to common shareholders (GAAP basis) was \$3.42 billion or \$3.83 per share, down from \$4.27 billion or \$4.51 per share recorded in 2019.

Quarter Ending	12/2020
Report Date	Jan 20, 2021
Sales Surprise	-0.12%
EPS Surprise	3.23%
Quarterly EPS	0.96
Annual EPS (TTM)	4.00

Revenues & Expenses Decline

Total quarterly revenues (GAAP basis), excluding income from consolidated investment management funds, declined 20.1% year over year to \$3.80 billion. The figure lagged the Zacks Consensus Estimate of \$3.85 billion.

For 2020, revenues (GAAP basis), excluding income from consolidated investment management funds, declined 4.2% year over year to \$15.72 billion. The figure lagged the Zacks Consensus Estimate of \$15.78 billion.

Quarterly net interest revenues on a fully taxable-equivalent basis (non-GAAP basis) were \$683 million, down 16.4% year over year. The decline was due to lower interest rates on interest-earning assets and the impact of hedging activities, partially offset by benefits from low deposit and funding rates, and higher deposits and securities portfolio.

Non-GAAP net interest margin (FTE basis) contracted 37 basis points year over year to 0.72%.

Total fee and other revenues declined 20.9% year over year to \$3.12 billion. The fall was due to a decline in total investment services fees, foreign exchange and other trading revenues, distribution and servicing fees, and investment and other income.

Total non-interest expenses were \$2.93 billion, down 1.3% from the prior-year quarter. The decline was due to a fall in staff expenses, sub-custodian and clearing costs, distribution and servicing costs, bank assessment charges, business development costs, and costs related to the amortization of intangible assets.

Asset Position Strong

As of Dec 31, 2020, AUM were \$2.20 trillion, up 15% year over year. The rise was mainly driven by higher market values, the favorable impact of a weaker U.S. dollar and net inflows.

Assets under custody and/or administration of \$41.1 trillion grew 10.8% year over year, reflecting higher market values, net new business, higher client inflows and the favorable impact of a weaker U.S. dollar.

Credit Quality Deteriorates

As of Dec 31, 2020, non-performing assets were \$89 million, unchanged year over year.

However, allowance for loan losses — as a percentage of total loans — was 0.63%, up 41 basis points from the prior-year quarter. Moreover, provision for credit losses was \$15 million against a provision benefit of \$8 million recorded in the year-ago quarter.

Capital Ratios Mixed

As of Dec 31, 2020, common equity Tier 1 ratio was 13.1% compared with 11.5% on Dec 31, 2019. Tier 1 Leverage ratio was 6.3%, down from 6.6% on Dec 31, 2019.

Outlook

Management expects organic fee growth to be approximately 1.5% and accelerate thereafter in 2021 as benefits of sustained investments become more meaningful.

Overall, total revenues in 2021 are expected to be adversely impacted by headwinds related to low interest rate environment and subsequent money market fee waivers, partially offset by organic fee income growth.

Expenses (excluding notable items) are anticipated to be stable year over year on a constant currency basis. Yet, given the recent weakening of the dollar, expenses are projected to increase roughly \$150 million or 1.5%.

First quarter 2021 expenses are anticipated to be up 3-4% year-over-year, including the impact of currency.

The company expects first quarter fee waivers (net of distribution expense benefit) to be nearly \$175 million, on the assumption that short-term rates stay at current level.

Fee income in 2021 is projected to be relatively flat as the impact of equity market appreciation, organic growth and the weaker dollar will be offset by fee waivers and lower volume. Excluding labors, fee income will likely be up 3%.

Effective tax rate is expected to be approximately 19% for 2021.

Recent News

BNY Mellon to Sell Canada Wealth Business to Guardian – Dec 16, 2020

BNY Mellon's Canada-based wealth management business, BNY Mellon Wealth Management, Advisory Services, Inc. ("WMAS"), is set to be acquired by Guardian Capital Group Limited. Closing of the deal is expected in first-quarter 2021 and is subject to regulatory approvals.

WMAS has been a pioneer in creating the multi-family office and endowment service in Canada.

The acquisition is anticipated to help Guardian expand its current core wealth management capabilities in the ultra-high net worth and family office segment. Moreover, the transaction is likely to add \$5.5 billion of assets under advisement.

Guardian's president and CEO, George Mavroudis, stated, "We are excited to have WMAS join Guardian. WMAS is a quality organization that complements our approach and values. Our heritage of working with ultra-high net worth families, and the consistency of our approach and principles will pave the way forward together. We continue to look for ways to enhance our offering to this underserved market segment, and this transaction underscores our growth strategy."

The CEO of BNY Mellon Wealth Management, Catherine Keating, said, "We believe Guardian Capital will be a great steward to help invest and grow the WMAS business. WMAS's leadership in investment advice and OCIO services supported by Guardian's 60 year track record in asset and wealth management are a compelling combination for our Canadian clients and colleagues."

BNY Mellon Ratings Affirmed by Moody's, Outlook Stable - Nov 12, 2020

All ratings and assessments of BNY Mellon have been affirmed by Moody's Investors Service. The rating outlook remains stable.

BNY Mellon's long-term issuer as well as senior unsecured debt rating has been affirmed at A1. The company has a standalone baseline credit assessment ("BCA") of a1 and counterparty risk assessments of Aa1(cr)/Prime-1(cr).

Reasons Behind Rating Affirmation

Per Moody's, the bank has shown strong performance even during the uncertain economic environment caused by the coronavirus outbreak. Although the low interest rate environment has been hurting the profitability of all banks, BNY Mellon have solid institutional investment and asset servicing franchises that support growth. In fact, its large wealth management businesses aid in earnings diversification.

Moreover, the rating affirmation comes on the back of the company's solid credit and liquidity profiles.

Notably, because of the near-zero interest rate environment in the United States and a general low-rate environment across the globe, the bank has been facing revenue growth pressure. Because of lower rates, BNY Mellon's net interest income and NIM have been negatively impacted throughout this year.

Hence, the bank has been facing difficulties in organically growing its fee income and thus, is resorting to other means. The bank is focusing on enhancing its products to deliver revenue growth either through inorganic growth methods or third-party partnerships.

Despite these challenges, Moody's believes BNY Mellon has a robust liquidity position, which comes from their investment servicing franchises. The company has generous amounts of liquid assets, which safeguard them from any market shock.

While the bank is exposed to huge operational risks, given the size and composition of its loan portfolios, Moody's does not see this to be substantial enough to reflect negatively on its assessment of the overall asset risk.

What Can Lead to a Change in Ratings?

A rating upgrade is unlikely for BNY Mellon over the next 12-18 months. Nevertheless, an upward rating pressure is possible if the bank demonstrates material improvement in its core profitability while maintaining a solid capital and liquidity position.

A downgrade in ratings can happen if the bank's profitability falls below the current levels with unlikely chances of a rebound. Moreover, a significant reduction in the capitalization of the bank might result in a negative rating pressure.

BNY Mellon Expands in Saudi Arabia, Partners With NCB Capital – Oct 6, 2020

As part of its efforts to expand presence outside the United States and increase share in asset servicing, BNY Mellon entered an alliance with Saudi Arabia's largest asset manager and investment bank, NCB Capital, which is a unit of National Commercial Bank.

Through this partnership, the bank is seeking institutional investors in Saudi Arabia for its "global custody and associated asset-servicing activities."

With the help of this arrangement, investors in the region could have all of their custody needs handled by BNY Mellon and NCB Capital instead of them having to use various providers across regions.

BNY Mellon's chairman of international, Hani Kablawi, stated, "This is about putting their local market reach and client base together with our global connectivity and capability set and giving them and their clients that access that they wouldn't have otherwise."

Akash Shah, BNY Mellon's head of strategy and global client management, said, "This is an opportunity to create a homegrown hero who can extend their capabilities globally through our reach and for us to access the market through our partnership with them."

Notably, in July, the company received conditional regulatory approval to establish a presence in Riyadh and open an office in the region.

Dividend Update

On Jan 20, BNY Mellon declared a quarterly dividend of 31 cents per share. The dividend was paid out on Feb 12 to shareholders of record as of Feb 1.

Valuation

BNY Mellon's shares are up 31.2% in the past six months and 59.9% over the trailing 12-month period. Stocks in the Zacks sub-industry and the Zacks Finance sector are up 52.9% and 29.7% over the past six months, respectively. Over the past year, the Zacks sub-industry and the sector are up 67.5% and 62.5%, respectively.

The S&P 500 Index is up 17.2% in the past six months and 67.6% in the past year.

The stock is currently trading at 11.36X forward 12 months earnings, which compares to 13.84X for the Zacks sub-industry, 17.44X for the Zacks sector and 22.49X for the S&P 500 index.

Over the past five years, the stock has traded as high as 15.42X and as low as 6.77X, with a 5-year median of 12.04X. Our Neutral recommendation indicates that the stock will perform in line with the market. Our \$49 price target reflects 11.95X forward earnings.

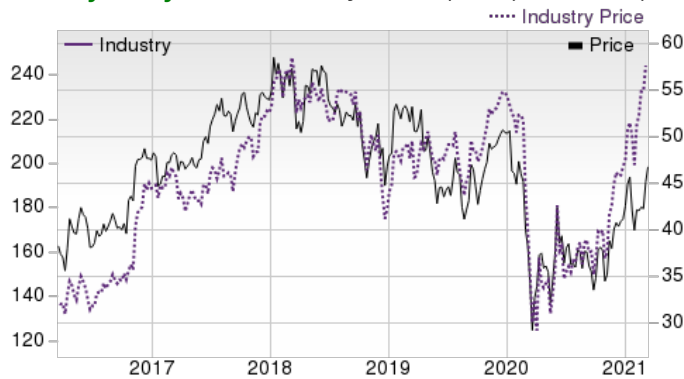
The table below shows summary valuation data for BK

Valuation Multiples - BK					
		Stock	Sub-Industry	Sector	S&P 500
P/E F12M	Current	11.36	13.84	17.44	22.49
	5-Year High	15.42	14.2	17.44	23.8
	5-Year Low	6.77	8.01	11.6	15.3
	5-Year Median	12.04	11.63	14.58	17.9
P/TB TTM	Current	1.99	2.23	3.7	16.77
	5-Year High	3.56	2.68	4.05	16.77
	5-Year Low	1.43	1.21	2.05	8.07
	5-Year Median	2.84	2.12	3.55	11.12
P/S F12M	Current	2.64	4.3	7.6	4.57
	5-Year High	3.63	4.59	7.6	4.57
	5-Year Low	1.54	2.39	5.02	3.21
	5-Year Median	2.89	3.6	6.13	3.69

As of 03/12/2021

Source: Zacks Investment Research

Industry Analysis Zacks Industry Rank: Top 45% (113 out of 253)



Top Peers

Company (Ticker)	Rec	Rank
Fifth Third Bancorp (FITB)	Neutral	3
First Republic Bank (FRC)	Neutral	2
HSBC Holdings plc (HSBC)	Neutral	3
KeyCorp (KEY)	Neutral	3
Northern Trust Corporation (NTRS)	Neutral	3
The PNC Financial Services Group, Inc (PNC)	Neutral	3
State Street Corporation (STT)	Neutral	3
U.S. Bancorp (USB)	Neutral	3

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

Industry Comparison Industry: Banks - Major Regional				Industry Peers		
	BK	X Industry	S&P 500	NTRS	PNC	STT
Zacks Recommendation (Long Term)	Neutral	-	-	Neutral	Neutral	Neutral
Zacks Rank (Short Term)	3	-	-	3	3	3
VGM Score	F	-	-	C	B	F
Market Cap	40.92 B	40.92 B	28.54 B	21.33 B	76.92 B	29.48 B
# of Analysts	8	9	13	7	10	8
Dividend Yield	2.66%	2.71%	1.38%	2.73%	2.54%	2.48%
Value Score	C	-	-	C	B	D
Cash/Price	5.36	1.64	0.06	3.16	1.23	4.45
EV/EBITDA	-19.76	-0.18	16.11	-16.49	3.88	-16.04
PEG F1	1.42	2.07	2.38	13.65	2.52	1.43
P/B	1.00	1.32	3.92	1.97	1.42	1.24
P/CF	7.65	12.92	16.30	11.36	17.24	7.25
P/E F1	11.72	14.13	21.26	15.56	17.65	12.11
P/S TTM	2.42	3.25	3.30	3.38	4.17	2.44
Earnings Yield	8.53%	7.08%	4.59%	6.43%	5.67%	8.26%
Debt/Equity	0.64	0.75	0.67	0.42	0.69	0.58
Cash Flow (\$/share)	6.10	5.24	6.78	9.01	10.52	11.56
Growth Score	F	-	-	C	C	F
Historical EPS Growth (3-5 Years)	7.84%	7.45%	9.34%	12.73%	3.01%	7.25%
Projected EPS Growth (F1/F0)	-0.69%	35.94%	14.75%	12.89%	-39.39%	3.25%
Current Cash Flow Growth	2.21%	-27.77%	0.74%	-6.96%	-33.29%	4.90%
Historical Cash Flow Growth (3-5 Years)	1.78%	3.10%	7.37%	6.70%	-3.01%	6.42%
Current Ratio	0.69	0.85	1.39	0.68	0.88	0.57
Debt/Capital	36.59%	41.57%	41.42%	28.19%	40.77%	34.51%
Net Margin	21.37%	19.09%	10.59%	19.19%	40.83%	20.04%
Return on Equity	9.50%	8.09%	14.70%	12.25%	5.98%	11.28%
Sales/Assets	0.04	0.04	0.51	0.04	0.04	0.04
Projected Sales Growth (F1/F0)	-2.18%	-1.78%	6.93%	1.57%	3.75%	-1.23%
Momentum Score	F	-	-	A	B	B
Daily Price Change	2.03%	1.88%	0.64%	0.68%	2.53%	0.26%
1-Week Price Change	6.81%	4.94%	2.46%	5.04%	4.81%	9.14%
4-Week Price Change	10.75%	14.92%	4.45%	5.56%	13.87%	14.92%
12-Week Price Change	15.47%	27.22%	7.65%	11.16%	25.09%	18.46%
52-Week Price Change	58.06%	77.34%	62.34%	62.40%	91.52%	74.15%
20-Day Average Volume (Shares)	6,052,649	6,223,975	2,210,456	904,317	1,868,973	3,678,453
EPS F1 Estimate 1-Week Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
EPS F1 Estimate 4-Week Change	-0.22%	0.83%	0.00%	0.22%	0.89%	-0.63%
EPS F1 Estimate 12-Week Change	0.25%	21.69%	2.01%	4.82%	39.61%	3.64%
EPS Q1 Estimate Monthly Change	0.17%	0.30%	0.00%	-0.29%	0.10%	0.89%

Source: Zacks Investment Research

Zacks Stock Rating System

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

Zacks Recommendation

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

Zacks Rank

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

Zacks Style Scores

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

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

Value Score	C
Growth Score	F
Momentum Score	F
VGM Score	F

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

Disclosures

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

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

Glossary of Terms and Definitions

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Periods:

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

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

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

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

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

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

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

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

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

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

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

EV/CF Ratio: The enterprise value-to-cash flow ratio is calculated as a company's enterprise value (market capitalization + value of total long-term debt + book value of preferred shares - cash and marketable securities) divided by the trailing-12-month (TTM) operating cash flow. It's a measure of how long it would take to buy the entire business if you were able to use all the company's operating cash flow.

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

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

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

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

P/TB Ratio: The price-to-tangible-book value ratio is calculated as a the per share market value of a company divided by the value of its tangible assets (total assets – liabilities – preferred stocks – intangible assets) per share. Tangible book value is the same thing as book value except it excludes the value of intangible assets to get a step closer to the baseline value of the company.

P/CF Ratio: The price-to-cash flow ratio measures a company's per share market price relative to its trailing-12-month (TTM) operating cash flow per share. This metric is used to determine whether a company is undervalued or overvalued relative to another stock, industry or sector. And like the P/E ratio, a lower number is typically considered better from the value perspective.

One of the reasons why P/CF ratio is often preferred over P/E ratio is the fact that operating cash flow adds back non-cash expenses such as depreciation and amortization to net income. This feature helps valuing stocks that have positive cash flow but are not profitable because of large noncash charges.

P/FCF Ratio: The price-to-free cash flow ratio is an extension of P/CF ratio, which uses trailing-12-month (TTM) free cash flow per share instead of operating cash flow per share. This metric is considered a more exact measure than P/CF ratio, as free cash flow subtracts capital expenditures (CAPEX) from a company's total operating cash flow, thereby reflecting the actual cash flow available for funding activities that generate additional revenues.

Earnings Yield: The earnings yield is calculated as current fiscal year (F1) EPS estimate divided by the company's current share price. The ratio, which is the inverse of the P/E ratio, measures the anticipated yield (or return) from earnings for each dollar invested in a stock today.

For example, earnings yield for a stock, which is trading at \$35 and expected to earn \$3 per share in the current fiscal year (F1), would be 0.0857 ($3/35 = 0.0857$) or 8.57%. In other words, for \$1 invested in the stock today, the yield from earnings is anticipated to be 8.57 cents.

Investors most commonly compare the earnings yield of a stock to that of a broad market index (such as the S&P 500) and prevailing interest rates, such as the current 10-year Treasury yield. Since bonds and stocks compete for investors' dollars, stock investors typically demand a higher yield for the extra risk they assume compared to investors of U.S. Treasury-backed securities that offer virtually risk-free returns. This additional return is referred to as the risk premium.

Debt/Equity Ratio: The debt-to-equity ratio is calculated as a company's total liabilities divided by its shareholder equity. This metric is used to gauge a company's financial leverage. In other words, it is a measure of the degree to which a company is financing its operations through debt versus its own funds. The higher the ratio, the higher the risk for shareholders.

However, this ratio is difficult to compare across industry groups where ideal amounts of debt vary. Some businesses are more capital intensive than others and typically require higher debt to finance their operations. So, a company's debt-to-equity ratio should be compared with other companies in the same industry.

Cash Flow (\$/share): Cash flow per share is calculated as operating cash flow (after-tax earnings + depreciation + other non-cash charges) divided by common shares outstanding. It is used by many investors as a measure of a company's financial strength. Since cash flow per share takes into consideration a company's ability to generate cash by adding back non-cash expenses, it is regarded by some as a more accurate measure of a company's financial situation than earnings per share, which could be artificially deflated.

Current Ratio: The current ratio or liquidity ratio is a company's current assets divided by its current liabilities. It measures a company's ability to pay short-term obligations. A current ratio that is in line with the industry average or slightly higher is generally considered acceptable. A current ratio that is lower than the industry average would indicate a higher risk of distress or default. A higher number is usually better. However, a very high current ratio compared to the industry average could be an indication of inefficient use of assets by management.

Debt/Capital Ratio: Debt-to-capital ratio is a company's total debt (interest-bearing debt + both short- and long-term liabilities) divided its total capital (interest-bearing debt + shareholders' equity). It is a measure of a company's financial leverage. All else being equal, the higher the debt-to-capital ratio, the riskier the stock.

However, this ratio can vary widely from industry to industry, the ideal amount of required debt being different. Some businesses are more capital intensive than others and typically require higher debt to finance their operations. So, a company's debt-to-capital ratio should be compared with the same for its industry.

Net Margin: Net margin is calculated as net income divided by sales. It shows how much of each dollar in sales generated by a company translates into profit. For example, if a company's net margin is 15%, its net income is 15 cents for every \$1 of sales it makes.

A change in margin can reflect either a change in business conditions, or a company's cost controls, or both. If a company's expenses are growing faster than sales, its net margin will decline. However, different net margin rates are considered good for different industries, so it's better to compare net margin rates of companies in the same industry group.

Return on Equity: Return on equity (ROE) is calculated as trailing-12-month net income divided by trailing-12-month average shareholder equity (including reinvested earnings). This metric is considered a measure of how effectively management is using a company's assets to generate profits. For example, if a company's ROE is 10%, it creates 10 cents profits for every \$1 shareholder equity, which is basically the company's assets minus debt. A company's ROE deemed good or bad depends on what's normal for its peers or industry group.

Sales/Assets Ratio: The sales-to-assets ratio or asset utilization ratio or asset turnover ratio is calculated as a company's annual sales divided by average assets (average of assets at the beginning of the year and at the year's end). This metric helps investors understand how effectively a company is using its assets to generate sales. For example, a sales-to-assets ratio of 2.5 indicates that the company generated \$2.50 in sales for every \$1 of assets on its books.

The higher the sales-to-assets ratio, the better the company is performing. However, similar to many other ratios, the asset turnover ratio tends to be higher for companies in certain industries/sectors than in others. So, a company's sales-to-assets ratio should be compared with the same for its industry/sector.

Historical EPS Growth (3-5 Years): This is the average annual (trailing-12-month) EPS growth rate over the last 3-5 years. This metric helps investors see how a company's EPS has grown from a long-term perspective.

Note: There are many factors that can influence short-term numbers — a recession will reduce this number, while a recovery will inflate it. The longterm perspective helps smooth out short-term events.

Projected EPS Growth (F1/F0): This is the estimated EPS growth rate for the current financial year. It is calculated as the consensus estimate for the current fiscal year (F1) divided by the reported EPS for the last completed fiscal year (F0).

Current Cash Flow Growth: It measures the latest year-over-year change in operating cash flow. Cash flow growth tells an investor how quickly a company is generating inflows of cash from operations. A positive change in the cash flow is desired and shows that more 'cash' is coming in than going out.

Historical Cash Flow Growth (3-5 Years): This is the annualized change in cash flow over the last 3-5 years. The change in a longer period helps put the current reading into proper perspective. By looking at the rate, rather than the actual dollar value, the comparison across the industry and peers becomes easier.

Projected Sales Growth (F1/F0): This metric looks at the estimated sales growth for the current year. It is calculated as sales estimate for the current fiscal year (F1) divided by the reported sales for the last completed fiscal year (F0).

Like EPS growth, a higher rate is better for sales growth. A look at a company's projected sales growth instantly tells you what the outlook is for their products and services. However, different sales growth rates are considered good for different industries, so it's better to compare sales growth rates of companies in the same industry group.

EPS F1 Estimate 1-Week Change: The percentage change in the Zacks Consensus EPS estimate for the current fiscal year over the past week. The change in a company's consensus EPS estimate (or earnings estimate revision) has proven to be strongly correlated with the near-term price movement of its shares. It is an integral part of the Zacks Rank.

If a stock's consensus EPS estimate is \$1.10 now versus \$1.00 a week ago, that will be reflected as a 10% upward revision. If, on the other hand, it went from \$1.00 to 90 cents, that would be a 10% downward revision.

EPS F1 Estimate 4-Week Change: The percentage change in the Zacks Consensus EPS estimate for the current fiscal year over the past four weeks.

A stock's earnings estimate revision in a 1-week period is important. But it's more meaningful to look at the longer-term revision. And, of course, the 4-week change helps put the 1-week change into proper perspective.

EPS F1 Estimate 12-Week Change: The percentage change in the Zacks Consensus EPS estimate for the current fiscal year over the past 12 weeks.

This metric essentially shows how the consensus EPS estimate has changed over a period longer than 1 week or 4 weeks.

EPS Q1 Estimate Monthly Change: The percentage change in the Zacks Consensus EPS estimate for the current fiscal quarter over the past four weeks.

While the revision in consensus EPS estimate for the current fiscal year is strongly correlated with the near-term price movement of its shares, the estimate revision for the current fiscal quarter is an important metric as well, especially over the short term, and particularly as a stock approaches its earnings date. If a stock's Q1 EPS estimate decreases ahead of its earnings release, it's usually a negative sign, whereas an increase is a positive sign.