Updated June 20 ${ }^{\text {th }}, 2019$ by Eli Inkrot Key Metrics

| Current Price: | $\$ 23$ | 5 Year CAGR Estimate: | 10.2\% | Volatility Percentile: | $86.1 \%$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Fair Value Price: | $\$ 26$ | 5 Year Growth Estimate: | $5.0 \%$ | Momentum Percentile: | $30.6 \%$ |
| \% Fair Value: | $88 \%$ | 5 Year Valuation Multiple Estimate: | $2.7 \%$ | Growth Percentile: | $35.9 \%$ |
| Dividend Yield: | $2.5 \%$ | 5 Year Price Target | $\$ 34$ | Valuation Percentile: | $72.7 \%$ |
| Dividend Risk Score: | A | Retirement Suitability Score: | B | Total Return Percentile: $58.5 \%$ |  |

## Overview \& Current Events

Founded in 1883, Kroger is the largest supermarket chain in the U.S. The company has over 2,700 retail stores, 1,500 fuel centers, 2,200 pharmacies and 250 fine jewelry stores in 35 states. The $\$ 18$ billion company serves more than 60 million households every year.
Kroger has been on a roller coaster ride since the summer of 2017, when Amazon acquired Whole Foods for $\$ 14$ billion. The market panicked over the potential repercussions of the takeover and Kroger's share price fell $25 \%$ on the announcement of the Whole Foods deal. However, in nearly two years of operating Whole Foods under Amazon, the actual impact on Kroger has been much less than initially feared.
Nevertheless, the competition in the retail sector has heated up more than ever. Amazon recently expanded the grocery delivery service of Whole Foods to more key regions in the U.S. In addition, according to a WSJ report, Amazon intends to open dozens of grocery stores across the U.S., with a lower price point and broader offerings than Whole Foods. Moreover, Walmart is expanding its online grocery delivery service to 100 metropolitan areas. Kroger has successfully responded to the competition so far. Last year, it initiated a strategic plan called "Restock Kroger", which aims to increase its operating income by $\$ 400$ million until the end of 2020 by maximizing its efficiency and its cost savings.
On June $20^{\text {th }}, 2019$ Kroger reported Q1 fiscal year 2019 results for the period ending May $25^{\text {th }}, 2019$. For the quarter Kroger reported $\$ 37.3$ billion in sales, down from $\$ 37.7$ billion in Q1 fiscal 2018, as a result of selling the company's convenience store business. Total sales excluding this impact and fuel would have increased $2.0 \%$ compared to the prior year period. Adjusted earnings-per-share came in at $\$ 0.72$ against $\$ 0.73$ previously, as a $6 \%$ decline in net earnings was offset to a large degree by a much lower share count.
Kroger also confirmed its identical sales, operating profit and EPS guidance for 2019. The company expects adjusted sales growth of $2.0 \%$ to $2.25 \%$, operating profit of $\$ 2.9$ billion to $\$ 3.0$ billion and EPS of $\$ 2.15$ to $\$ 2.25$.

## Growth on a Per-Share Basis

| Year | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 1 9}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EPS | $\$ 0.87$ | $\mathbf{\$ 0 . 8 7}$ | $\mathbf{\$ 1 . 0 0}$ | $\mathbf{\$ 1 . 3 2}$ | $\mathbf{\$ 1 . 4 3}$ | $\mathbf{\$ 1 . 7 6}$ | $\mathbf{\$ 2 . 0 6}$ | $\mathbf{\$ 2 . 1 2}$ | $\mathbf{\$ 2 . 0 4}$ | $\mathbf{\$ 2 . 1 1}$ | $\mathbf{\$ 2 . 2 0}$ |
| DPS | $\$ 0.19$ | $\$ 0.20$ | $\$ 0.22$ | $\$ 0.27$ | $\$ 0.32$ | $\$ 0.35$ | $\$ 0.41$ | $\$ 0.47$ | $\$ 0.50$ | $\mathbf{\$ 0 . 5 5}$ | $\mathbf{\$ 0 . 5 8}$ |
| Shares | 1,284 | 1,240 | 1,122 | 1,028 | 1,016 | 974 | 967 | 924 | 870 | 798 | $\mathbf{7 7 0}$ |

During the last decade Kroger has grown its earnings-per-share by an $8.3 \%$ average annual rate. However, the company has failed to grow its earnings-per-share significantly in the last three years due to the fierce competition in the retail sector. Moreover, we do not expect spectacular top-line gains from this point.
With that being said, Kroger does have some growth levers available. For instance, Kroger can continue to improve its margins via its "Restock Kroger" plan. Moreover, the company has reduced its share count by about 5\% per year on average for the last decade. While we do not anticipate this sort of advances moving forward, we do note that these items can allow slow top-line growth to turn into mid-single-digit improvement on the bottom line. Overall, we expect that the retailer can grow its earnings-per-share by $5.0 \%$ per year over the next five years.

Kroger Co. (KR)

Updated June 20 ${ }^{\text {th }}, 2019$ by Eli Inkrot
Valuation Analysis

| Year | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ | Now | $\mathbf{2 0 2 4}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Avg. P/E | 12.5 | 12.4 | 11.8 | 9.1 | 12.9 | 14.5 | 18.2 | 16.4 | 12.8 | 13.2 | $\mathbf{1 0 . 5}$ | $\mathbf{1 2 . 0}$ |
| Avg. YId. | $1.7 \%$ | $1.9 \%$ | $1.9 \%$ | $2.2 \%$ | $1.7 \%$ | $1.4 \%$ | $1.1 \%$ | $1.3 \%$ | $1.9 \%$ | $2.0 \%$ | $\mathbf{2 . 5 \%}$ | $\mathbf{2 . 2} \%$ |

Over the last decade shares of Kroger have traded hands with an average P/E ratio of 13.4 times earnings. We have reduced our estimate slightly, as growth expectations are not as robust moving forward. Still, based on the current multiple of 10.5 , this implies the potential for a moderate valuation tailwind in the coming years.

## Safety, Quality, Competitive Advantage, \& Recession Resiliency

| Year | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 1 9}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Payout | $22 \%$ | $23 \%$ | $22 \%$ | $20 \%$ | $22 \%$ | $20 \%$ | $20 \%$ | $22 \%$ | $25 \%$ | $26 \%$ | $\mathbf{2 6 \%}$ |
| $\mathbf{2 F \%}$ |  |  |  |  |  |  |  |  |  |  |  |

Although the large scale and reach of Kroger offers some economies of scale, and thus some sort of competitive advantage, competition has heated up more than ever in the retail sector. As a result, Kroger lacks a meaningful moat. Still, while most companies saw their earnings collapse during the Great Recession, Kroger exhibited exceptional resilience posting earnings-per-share results of $\$ 0.95, \$ 0.87, \$ 0.87$ and $\$ 1.00$ during the 2008 through 2011 stretch. Kroger always operates at a razor-thin margin, standing at $1.4 \%$ last year, which allows it to keep competitors at bay but also means that the stock is extremely sensitive to competitive pricing pressures.
Kroger has been prudent about its dividend, sticking around the $20 \%$ range in the last decade and only recently climbing slightly amid stagnating earnings. The larger capital return focus has been, and likely will continue to be, on share repurchases. We believe this is prudent considering the competitive landscape of Kroger's industry.
As of the most recent report Kroger held $\$ 365$ million in cash, $\$ 10.2$ billion in current assets ( $66 \%$ of which is inventory) and $\$ 44.3$ billion in total assets ( $49 \%$ of which is property) against $\$ 13.6$ billion in current liabilities and $\$ 35.8$ billion in total liabilities. Long-term debt stood at $\$ 12.0$ billion against underlying annual earnings power of about $\$ 1.7$ billion.

## Final Thoughts \& Recommendation

Shares are down $12 \%$ since our last update. Kroger has proven to be a strong and resilient business, but the industry is not getting any easier. We see the potential for $10.2 \%$ annual returns, stemming from $5 \%$ growth, a $2.5 \%$ starting yield and a $2.7 \%$ valuation tailwind. Still, due to the intense competition in its business, we continue to rate shares as a hold.

## Total Return Breakdown by Year



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Disclosure: This analyst is long the security discussed in this research report.

Updated June 20 ${ }^{\text {th }}, 2019$ by Eli Inkrot
Income Statement Metrics

| Year | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Revenue (\$B) | 76.73 | 82.05 | 90.27 | 96.62 | 98.38 | 108.47 | 109.83 | 115.34 | 122.66 | 121.16 |
| Gross Profit | 17775 | 18246 | 18880 | 19893 | 20237 | 22953 | 24334 | 25835 | 27000 | 26268 |
| Gross Margin | $23.2 \%$ | $22.2 \%$ | $20.9 \%$ | $20.6 \%$ | $20.6 \%$ | $21.2 \%$ | $22.2 \%$ | $22.4 \%$ | $22.0 \%$ | $21.7 \%$ |
| SG\&A Exp. | 14046 | 14446 | 15964 | 15477 | 15809 | 17868 | 18669 | 20059 | 22479 | 21189 |
| D\&A Exp. | 1525 | 1600 | 1638 | 1652 | 1703 | 1948 | 2089 | 2340 | 2436 | 2465 |
| Operating Profit | 2204 | 2200 | 1278 | 2764 | 2725 | 3137 | 3576 | 3436 | 2085 | 2614 |
| Op. Margin | $2.9 \%$ | $2.7 \%$ | $1.4 \%$ | $2.9 \%$ | $2.8 \%$ | $2.9 \%$ | $3.3 \%$ | $3.0 \%$ | $1.7 \%$ | $2.2 \%$ |
| Net Profit | 70 | 1116 | 602 | 1497 | 1519 | 1728 | 2039 | 1975 | 1907 | 3110 |
| Net Margin | $0.1 \%$ | $1.4 \%$ | $0.7 \%$ | $1.5 \%$ | $1.5 \%$ | $1.6 \%$ | $1.9 \%$ | $1.7 \%$ | $1.6 \%$ | $2.6 \%$ |
| Free Cash Flow | 625 | 1447 | 760 | 892 | 1243 | 1384 | 1568 | 573 | 604 | 1197 |
| Income Tax | 532 | 601 | 247 | 794 | 751 | 902 | 1045 | 957 | -405 | 900 |

Balance Sheet Metrics

| Year | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Assets | 23126 | 23505 | 23476 | 24634 | 29281 | 30497 | 33897 | 36505 | 37197 | 38118 |
| Cash \& Equivalents | 1078 | 1491 | 188 | 238 | 401 | 268 | 277 | 322 | 347 | 429 |
| Acc. Receivable | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | 949 | 1051 | 1116 | 1266 | 1734 | 1649 | 1637 | 1589 |
| Inventories | 4935 | 4966 | 5114 | 5146 | 5651 | 5688 | 6168 | 6561 | 6533 | 6846 |
| Goodwill \& Int. | 1158 | 1140 | 1138 | 1364 | 2837 | 3061 | 3777 | 4184 | 4025 | 4345 |
| Total Liabilities | 18200 | 18207 | 19510 | 20420 | 23886 | 25055 | 27099 | 29795 | 30292 | 30283 |
| Accounts Payable | 3890 | 4227 | 4329 | 4484 | 4881 | 5052 | 5728 | 5818 | 5858 | 6059 |
| Long-Term Debt | 8056 | 7892 | 8165 | 8879 | 11310 | 11597 | 12079 | 14077 | 15589 | 15229 |
| Total Equity | 4852 | 5296 | 3981 | 4207 | 5384 | 5412 | 6820 | 6698 | 6931 | N/A |
| D/E Ratio | 1.66 | 1.49 | 2.05 | 2.11 | 2.10 | 2.14 | 1.77 | 2.10 | 2.25 | $\mathrm{~N} / \mathrm{A}$ |

## Profitability \& Per Share Metrics

| Year | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Return on Assets | $0.3 \%$ | $4.8 \%$ | $2.6 \%$ | $6.2 \%$ | $5.6 \%$ | $5.8 \%$ | $6.3 \%$ | $5.6 \%$ | $5.2 \%$ | $8.3 \%$ |
| Return on Equity | $1.4 \%$ | $22.0 \%$ | $13.0 \%$ | $36.6 \%$ | $31.7 \%$ | $32.0 \%$ | $33.3 \%$ | $29.2 \%$ | $28.0 \%$ | N/A |
| ROIC | $0.5 \%$ | $8.5 \%$ | $4.8 \%$ | $11.9 \%$ | $10.2 \%$ | $10.2 \%$ | $11.4 \%$ | $10.0 \%$ | $8.8 \%$ | $\mathrm{~N} / \mathrm{A}$ |
| Shares Out. | 1,284 | 1,240 | 1,122 | 1,028 | 1,016 | 974 | 967 | 924 | 870 | 798 |
| Revenue/Share | 59.03 | 64.30 | 76.11 | 89.96 | 94.59 | 109.23 | 112.07 | 120.39 | 135.69 | 148.12 |
| FCF/Share | 0.48 | 1.13 | 0.64 | 0.83 | 1.20 | 1.39 | 1.60 | 0.60 | 0.67 | 1.46 |

Note: All figures in millions of U.S. Dollars unless per share or indicated otherwise.

## Disclaimer

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     to the contrary should be made. There is a risk of loss from an investment in marketable securities. Past performance is not a guarantee of future performance.

