# John Wiley \& Sons (JW.A) 

## Updated December 6 ${ }^{\text {th }}, 2018$ by Jonathan Weber

 Key Metrics| Current Price: | $\$ 54$ | 5 Year CAGR Estimate: | $8.4 \%$ | Volatility Percentile: | $42.7 \%$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Fair Value Price: | $\$ 56$ | 5 Year Growth Estimate: | $5.3 \%$ | Momentum Percentile: | $22.3 \%$ |
| \% Fair Value: | $96 \%$ | 5 Year Valuation Multiple Estimate: | $0.7 \%$ | Growth Percentile: | $44.7 \%$ |
| Dividend Yield: | $2.4 \%$ | 5 Year Price Target | $\$ 72$ | Valuation Percentile: | $61.4 \%$ |
| Dividend Risk Score: | C | Retirement Suitability Score: | C | Total Return Percentile: | $48.9 \%$ |

## Overview \& Current Events

John Wiley \& Sons is a publishing and research company whose operations are split into three segments: Research, Publishing, and Solutions. The company offers scientific, technical, medical and scholarly research journals, reference books, databases, clinical decision support tools, laboratory manuals, scientific and education books, and test preparation services. Its services also include learning, development and assessment services for businesses and professionals and online program management services for higher education institutions. John Wiley \& Sons was founded in 1807, is headquartered in Hoboken, NJ , and is currently valued at $\$ 3.1$ billion.
John Wiley \& Sons reported its second quarter (fiscal 2019) on December 5 . The company was able to generate revenues of $\$ 449$ million during the quarter, which represents a small decline of $0.7 \%$ compared to the company's revenues during Q2 of 2018. The company was able to generate earnings-per-share of $\$ 0.89$ during the quarter, in line with analyst estimates, but down $9 \%$ from the prior year's quarter. John Wiley \& Sons states that the strong dollar had a negative impact on its sales performance, and that revenues would have increased by $1 \%$ at constant currencies. The market did not react positively to these results, and shares of John Wiley \& Sons trade close to a 52 -week low as a result. During October John Wiley \& Sons agreed to acquire Learning House, which is a diversified education service provider, for $\$ 200$ million. Learning House will generate about $\$ 70$ million in sales this year, and is growing at a $17 \%$ pace.

## 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 | $\$ 2.58$ | $\$ 2.80$ | $\$ 3.21$ | $\$ 2.92$ | $\$ 3.05$ | $\$ 3.26$ | $\$ 2.70$ | $\$ 3.00$ | $\$ 3.05$ | $\$ 3.43$ | $\mathbf{\$ 3 . 2 9}$ |
| DPS | $\$ 0.56$ | $\$ 0.64$ | $\$ 0.80$ | $\$ 0.96$ | $\$ 1.00$ | $\$ 1.16$ | $\$ 1.20$ | $\$ 1.24$ | $\$ 1.28$ | $\$ 1.30$ | $\$ 1.32$ |
| Shares | 60 | 61 | 60 | 59 | 59 | 59 | 58 | 57 | 57 | 57 | $\mathbf{5 6}$ |

John Wiley \& Sons has a solid earnings-per-share growth track record. Its profits increased during the last financial crisis, and over the last three years the company was able to grow its earnings per share by $8.3 \%$ annually. 2019 will be a down year for the company, though, although this is primarily due to higher investment spending \& restructuring.
John Wiley \& Sons' focus on publishing research journals, scientific books, and other technical publications has made the company less vulnerable to other forms of entertainment. Since 2012 total unit sales of books have been declining in the US, but as John Wiley \& Sons' books and journals are not read for entertainment, but rather due to being required reading for students, professionals, and scientists, the company has been relatively immune to this trend. The company has also successfully transformed itself into a digital company; $73 \%$ of all revenues were generated from digital products during the last year. John Wiley \& Sons' most profitable business segment is its Research division, which produces slightly more than $50 \%$ of all revenues. The segment has performed well in recent quarters, thanks to growth from journal subscriptions as well as due to ongoing expansion in licensing \& reprints. The subscription model results in recurring, non-cyclical revenues, which is why John Wiley \& Sons' results are less seasonal than those of its peers. Publishing and Solutions revenues are growing relatively slowly. Total company-wide sales should grow at a mid-single digits pace going forward. John Wiley \& Sons has been trying to grow its margins, and with digital investments likely slowing down in the future that should be possible. 2019 will be a year of heavy investment. Because of this, earnings-per-share will not grow this year, but from 2020 onwards John Wiley \& Sons should generate sustainable growth. Disclosure: This analyst has no position in the security discussed in this research report, and no plans to initiate one in the next 72 hours.

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Updated December 6th, 2018 by Jonathan Weber
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 | 14.4 | 15.5 | 14.8 | 14.7 | 16.1 | 18.1 | 18.5 | 17.9 | 19.1 | 18.4 | $\mathbf{1 6 . 4}$ |
| Avg. Y/d. | $1.5 \%$ | $1.5 \%$ | $1.7 \%$ | $2.2 \%$ | $2.0 \%$ | $2.0 \%$ | $2.4 \%$ | $2.3 \%$ | $2.2 \%$ | $2.0 \%$ | $\mathbf{2 . 4 \%}$ |
| $\mathbf{2 . 2 \%}$ |  |  |  |  |  |  |  |  |  |  |  |

John Wiley is trading slightly below the long-term median price to earnings multiple right now, which means that shares are marginally undervalued right here. This will be beneficial for total returns going forward, which is also true for the company's above-average dividend yield of $2.4 \%$. John Wiley \& Sons' dividend has grown continually in the past.

Safety, Quality, Competitive Advantage, \& Recession Resiliency

| Year | 2009 | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 1 9}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Payout | $21.7 \%$ | $22.9 \%$ | $24.9 \%$ | $32.9 \%$ | $32.8 \%$ | $35.6 \%$ | $44.4 \%$ | $41.3 \%$ | $42.0 \%$ | $37.9 \%$ | $\mathbf{4 0 . 1 \%}$ |
| $\mathbf{2 0 2 4}$ | $\mathbf{3 9 . 0 \%}$ |  |  |  |  |  |  |  |  |  |  |

John Wiley \& Sons has lowered its liabilities relative to its assets over the last couple of years, which has resulted in a growing interest coverage ratio. The company's balance sheet looks healthy, and rising interest rates will not be a major headwind for John Wiley \& Sons. The company pays out $\sim 40 \%$ of its profits, which makes its dividend very safe. With its transformation towards digital products being mostly completed, and due to John Wiley \& Sons' strong position in the scientific and professional markets, there is little risk to John Wiley \& Sons' business model. Since a substantial portion of its revenues are generated via journal subscriptions (recurring revenues), and since demand from the scientific community is not cyclical, John Wiley \& Sons performed quite well during the last financial crisis. John Wiley \& Sons will likely remain relatively insulated versus changes in the publishing industry. Peers that are more focused on entertainment books, such as Scholastic, are impacted to a much more significant degree by changes in consumption behavior (less reading, more screen time).

## Final Thoughts \& Recommendation

John Wiley \& Sons is active in an attractive niche of the publishing industry. Its outlook is solid, and shares promise compelling total returns going forward. We believe that shares are trading below fair value and that John Wiley is a buy for those investors that seek exposure to the publishing industry, where John Wiley \& Sons is a lower-risk pick.

Total Return Breakdown by Year


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# John Wiley \& Sons (JW.A) 

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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 | 1611 | 1699 | 1743 | 1783 | 1761 | 1775 | 1822 | 1727 | 1719 | 1796 |
| Gross Profit | 1095 | 1165 | 1204 | 1239 | 1229 | 1268 | 1323 | 1261 | 1258 | 1311 |
| Gross Margin | $68.0 \%$ | $68.6 \%$ | $69.1 \%$ | $69.5 \%$ | $69.8 \%$ | $71.4 \%$ | $72.6 \%$ | $73.0 \%$ | $73.2 \%$ | $73.0 \%$ |
| SG\&A Exp. | 840 | 872 | 911 | 922 | 933 | 969 | 1005 | 994 | 989 | 995 |
| D\&A Exp. | 72 | 75 | 81 | 87 | 98 | 103 | 113 | 116 | 116 | 113 |
| Operating Profit | 218 | 258 | 248 | 280 | 253 | 254 | 267 | 217 | 220 | 268 |
| Operating Margin | $13.6 \%$ | $15.2 \%$ | $14.2 \%$ | $15.7 \%$ | $14.4 \%$ | $14.3 \%$ | $14.6 \%$ | $12.5 \%$ | $12.8 \%$ | $14.9 \%$ |
| Net Profit | 128 | 144 | 172 | 213 | 144 | 161 | 177 | 146 | 114 | 192 |
| Net Margin | $8.0 \%$ | $8.4 \%$ | $9.9 \%$ | $11.9 \%$ | $8.2 \%$ | $9.0 \%$ | $9.7 \%$ | $8.4 \%$ | $6.6 \%$ | $10.7 \%$ |
| Free Cash Flow | 295 | 267 | 321 | 312 | 278 | 291 | 286 | 243 | 181 | 241 |
| Income Tax | 36 | 57 | 59 | 59 | 43 | 35 | 49 | 29 | 77 | 22 |

Balance Sheet Metrics

| Year | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | 2018 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Assets | 2224 | 2309 | 2430 | 2533 | 2806 | 3077 | 3004 | 2921 | 2606 | 2839 |
| Cash \& Equivalents | 103 | 154 | 202 | 260 | 334 | 486 | 457 | 364 | 59 | 170 |
| Accounts Receivable | 179 | 165 | 168 | 172 | 162 | 150 | 147 | 168 | 189 | 212 |
| Inventories | 111 | 108 | 106 | 101 | 82 | 75 | 64 | 58 | 48 | 39 |
| Goodwill \& Int. Ass. | 1509 | 1527 | 1576 | 1606 | 1790 | 1888 | 1880 | 1829 | 1810 | 1868 |
| Total Liabilities | 1710 | 1586 | 1452 | 1515 | 1818 | 1895 | 1949 | 1884 | 1603 | 1649 |
| Accounts Payable | 160 | 145 | 155 | 151 | 143 | 143 | 161 | 166 | 76 | 90 |
| Long-Term Debt | 822 | 649 | 454 | 475 | 673 | 700 | 750 | 605 | 365 | 360 |
| Shareholder's Equity | 514 | 722 | 978 | 1018 | 988 | 1182 | 1055 | 1037 | 1003 | 1191 |
| D/E Ratio | 1.60 | 0.90 | 0.46 | 0.47 | 0.68 | 0.59 | 0.71 | 0.58 | 0.36 | 0.30 |

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 | $5.3 \%$ | $6.3 \%$ | $7.3 \%$ | $8.6 \%$ | $5.4 \%$ | $5.5 \%$ | $5.8 \%$ | $4.9 \%$ | $4.1 \%$ | $7.1 \%$ |
| Return on Equity | $21.3 \%$ | $23.2 \%$ | $20.2 \%$ | $21.3 \%$ | $14.4 \%$ | $14.8 \%$ | $15.8 \%$ | $13.9 \%$ | $11.1 \%$ | $17.5 \%$ |
| ROIC | $8.9 \%$ | $10.6 \%$ | $12.3 \%$ | $14.5 \%$ | $9.1 \%$ | $9.1 \%$ | $9.6 \%$ | $8.5 \%$ | $7.6 \%$ | $13.2 \%$ |
| Shares Out. | 60 | 61 | 60 | 59 | 59 | 59 | 58 | 57 | 57 | 57 |
| Revenue/Share | 27.03 | 28.47 | 28.40 | 29.10 | 29.24 | 29.83 | 30.58 | 29.40 | 29.53 | 31.03 |
| FCF/Share | 4.95 | 4.47 | 5.24 | 5.10 | 4.62 | 4.88 | 4.80 | 4.14 | 3.11 | 4.16 |

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.

