

## John Wiley & Sons (JW.A)

Updated June 28<sup>th</sup>, 2019 by Jonathan Weber

#### **Key Metrics**

| Current Price:              | \$45 | 5 Year CAGR Estimate:               | 10.8% | Volatility Percentile:          | 45.6% |
|-----------------------------|------|-------------------------------------|-------|---------------------------------|-------|
| Fair Value Price:           | \$43 | 5 Year Growth Estimate:             | 9.0%  | Momentum Percentile:            | 9.4%  |
| % Fair Value:               | 107% | 5 Year Valuation Multiple Estimate: | -1.1% | Growth Percentile:              | 86.2% |
| Dividend Yield:             | 2.9% | 5 Year Price Target                 | \$65  | Valuation Percentile:           | 46.8% |
| <b>Dividend Risk Score:</b> | В    | Retirement Suitability Score:       | В     | <b>Total Return Percentile:</b> | 65.3% |

### **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 \$2.6 billion.

John Wiley & Sons reported its fourth quarter (fiscal 2019) earnings results on June 11. The company announced that its revenues totaled \$492 million during the fourth quarter, which represents an increase of 3% versus the prior year's quarter. Currency rates were not a meaningful headwind, unlike in previous quarters. John Wiley & Sons was able to beat the analyst consensus estimate slightly. John Wiley & Sons' profitability rose versus the prior year, as operating income grew by 10% versus the fourth quarter of fiscal 2018. Earnings-per-share came in above the analyst consensus, at \$1.05, which represents a growth rate of 26% year over year on an adjusted basis. John Wiley & Sons guides for revenues of \$1.84 billion to \$1.87 billion during fiscal 2020, while also stating a goal of reaching revenues of \$2 billion in 2022. John Wiley & Sons expects to earn \$2.45 to \$2.55 per share during fiscal 2020, less than during 2019.

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|--------|--------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|--------|--|
| Year   | 2010                           | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   | 2017   | 2018   | 2019   | 2020           | 2025   |  |
| EPS    | \$2.80                         | \$3.21 | \$2.92 | \$3.05 | \$3.26 | \$2.70 | \$3.00 | \$3.05 | \$3.43 | \$2.96 | \$2.50         | \$3.84 |  |
| DPS    | \$0.64                         | \$0.80 | \$0.96 | \$1.00 | \$1.16 | \$1.20 | \$1.24 | \$1.28 | \$1.30 | \$1.32 | \$1. <b>32</b> | \$1.66 |  |
| Shares | 61                             | 60     | 59     | 59     | 59     | 58     | 57     | 57     | 57     | 57     | 56             | 54     |  |

#### Growth on a Per-Share Basis

John Wiley & Sons has a solid earnings-per-share growth track record; its profits increased during the last financial crisis, and between 2015 and 2018 John Wiley & Sons' earnings-per-share rose substantially. Fiscal 2019 was 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 the like 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 many of its peers. According to management's guidance, John Wiley & Sons will report lower profits during 2020 once again, but this is blamed on increased investments that will boost future profitability. It is thus not a surprise to see that management expects substantially higher profits beyond 2020, forecasting earnings-per-share of \$3.50 in 2022.



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#### Valuation Analysis

| Year      | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | Now  | 2025 |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|
| Avg. P/E  | 15.5 | 14.8 | 14.7 | 16.1 | 18.1 | 18.5 | 17.9 | 19.1 | 18.4 | 15.9 | 18.0 | 17.0 |
| Avg. Yld. | 1.5% | 1.7% | 2.2% | 2.0% | 2.0% | 2.4% | 2.3% | 2.2% | 2.0% | 2.8% | 2.9% | 2.5% |

John Wiley & Sons' shares are trading above the long term median earnings multiple right now, due to the low forecasted profits for fiscal 2020. The above-average valuation will result in a small drag to total returns going forward, but this is more than offset by John Wiley & Sons' above-average dividend yield of 2.9%.

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

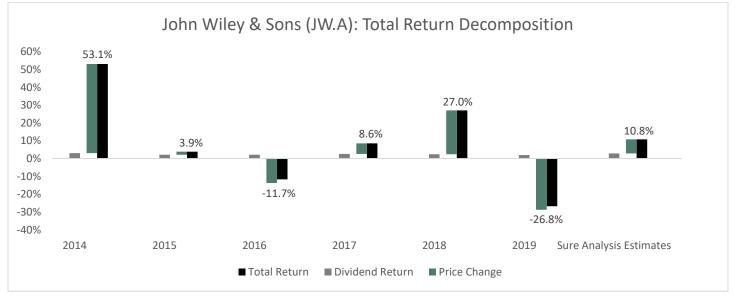
|        |       |       |       |       |       |       | •     |       |       |       |       |       |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Year   | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  | 2017  | 2018  | 2019  | 2020  | 2025  |
| Payout | 22.9% | 24.9% | 32.9% | 32.8% | 35.6% | 44.4% | 41.3% | 42.0% | 37.9% | 44.6% | 52.8% | 43.2% |

John Wiley & Sons' dividend payout ratio never was especially high, as the payout barely rose above 40%. John Wiley & Sons has raised its dividend continually throughout the last decade. Even though John Wiley & Sons will pay out more than 50% of its net profits during the current fiscal year, we rate John Wiley & Sons' dividend as safe.

Based on its successful ongoing transformation of its business model towards digital products, and due to John Wiley & Sons' strong position in the non-cyclical scientific and professional markets, there is little risk to its business model. Since a substantial portion of its revenues are generated via journal subscriptions, which results in recurring revenues, and because 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.

## Final Thoughts & Recommendation

John Wiley & Sons is active in an attractive niche of the publishing industry. Fiscal 2020 will be another down year for the company, but the long-term outlook looks positive. Shares are trading above fair value right now, but the total return outlook is still favorable, which is why we rate the stock a hold at current prices.



## Total Return Breakdown by Year

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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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#### **Income Statement Metrics**

| Year                    | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  | 2017  | 2018  | 2019  |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Revenue                 | 1699  | 1743  | 1783  | 1761  | 1775  | 1822  | 1727  | 1719  | 1796  | 1800  |
| Gross Profit            | 1165  | 1204  | 1239  | 1229  | 1268  | 1323  | 1261  | 1218  | 1265  | 1245  |
| Gross Margin            | 68.6% | 69.1% | 69.5% | 69.8% | 71.4% | 72.6% | 73.0% | 70.9% | 70.4% | 69.2% |
| SG&A Exp.               | 872   | 911   | 922   | 933   | 969   | 1005  | 994   | 943   | 957   | 964   |
| D&A Exp.                | 75    | 81    | 87    | 98    | 103   | 113   | 116   | 116   | 113   | 124   |
| <b>Operating Profit</b> | 258   | 248   | 280   | 253   | 254   | 267   | 217   | 225   | 260   | 227   |
| <b>Operating Margin</b> | 15.2% | 14.2% | 15.7% | 14.4% | 14.3% | 14.6% | 12.5% | 13.1% | 14.5% | 12.6% |
| Net Profit              | 144   | 172   | 213   | 144   | 161   | 177   | 146   | 114   | 192   | 168   |
| Net Margin              | 8.4%  | 9.9%  | 11.9% | 8.2%  | 9.0%  | 9.7%  | 8.4%  | 6.6%  | 10.7% | 9.3%  |
| Free Cash Flow          | 267   | 321   | 312   | 278   | 291   | 286   | 243   | 181   | 241   | 164   |
| Income Tax              | 57    | 59    | 59    | 43    | 35    | 49    | 29    | 77    | 22    | 45    |

### **Balance Sheet Metrics**

| Year                 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|----------------------|------|------|------|------|------|------|------|------|------|------|
| Total Assets         | 2309 | 2430 | 2533 | 2806 | 3077 | 3004 | 2921 | 2606 | 2839 | 2937 |
| Cash & Equivalents   | 154  | 202  | 260  | 334  | 486  | 457  | 364  | 59   | 170  | 93   |
| Accounts Receivable  | 165  | 168  | 172  | 162  | 150  | 147  | 168  | 189  | 212  | 295  |
| Inventories          | 108  | 106  | 101  | 82   | 75   | 64   | 58   | 48   | 39   | 36   |
| Goodwill & Int. Ass. | 1527 | 1576 | 1606 | 1790 | 1888 | 1880 | 1829 | 1810 | 1868 | 1961 |
| Total Liabilities    | 1586 | 1452 | 1515 | 1818 | 1895 | 1949 | 1884 | 1603 | 1649 | 1756 |
| Accounts Payable     | 145  | 155  | 151  | 143  | 143  | 161  | 166  | 76   | 90   | 91   |
| Long-Term Debt       | 649  | 454  | 475  | 673  | 700  | 750  | 605  | 365  | 360  | 479  |
| Shareholder's Equity | 722  | 978  | 1018 | 988  | 1182 | 1055 | 1037 | 1003 | 1191 | 1181 |
| D/E Ratio            | 0.90 | 0.46 | 0.47 | 0.68 | 0.59 | 0.71 | 0.58 | 0.36 | 0.30 | 0.41 |

### **Profitability & Per Share Metrics**

| Year                    | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  | 2017  | 2018  | 2019  |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Return on Assets</b> | 6.3%  | 7.3%  | 8.6%  | 5.4%  | 5.5%  | 5.8%  | 4.9%  | 4.1%  | 7.1%  | 5.8%  |
| <b>Return on Equity</b> | 23.2% | 20.2% | 21.3% | 14.4% | 14.8% | 15.8% | 13.9% | 11.1% | 17.5% | 14.2% |
| ROIC                    | 10.6% | 12.3% | 14.5% | 9.1%  | 9.1%  | 9.6%  | 8.5%  | 7.6%  | 13.2% | 10.5% |
| Shares Out.             | 59.68 | 61.36 | 61.27 | 60.22 | 59.51 | 59.59 | 58.73 | 58.20 | 57.89 | 57.84 |
| Revenue/Share           | 28.47 | 28.40 | 29.10 | 29.24 | 29.83 | 30.58 | 29.40 | 29.53 | 31.03 | 31.12 |
| FCF/Share               | 4.47  | 5.24  | 5.10  | 4.62  | 4.88  | 4.80  | 4.14  | 3.11  | 4.17  | 2.84  |

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

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