## Twenty-First Century Fox (FOXA)

## Updated November 8th, 2018 by Jonathan Weber <br> Key Metrics

| Current Price: | $\$ 48$ | 5 Year CAGR Estimate: | $0.6 \%$ | Volatility Percentile: | $70.5 \%$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Fair Value Price: | $\$ 36$ | 5 Year Growth Estimate: | $5.2 \%$ | Momentum Percentile: | $98.2 \%$ |
| \% Fair Value: | $132 \%$ | 5 Year Valuation Multiple Estimate: | $-5.4 \%$ | Growth Percentile: | $42.7 \%$ |
| Dividend Yield: | $0.8 \%$ | 5 Year Price Target | $\$ 47$ | Valuation Percentile: | $10.8 \%$ |
| Dividend Risk Score: | B | Retirement Suitability Score: | D | Total Return Percentile: | $4.8 \%$ |

## Overview \& Current Events

Twenty-First Century Fox (following: $21^{\text {st }}$ Century Fox) is a media company that engages in film production and television broadcasting. Its operations include Cable Network Programming, Television, Filmed Entertainment and Direct Broadcast Satellite Television. The company was founded in 1979, is headquartered in New York, and is currently valued at $\$ 88$ billion.
$21^{\text {st }}$ Century Fox has reported its first quarter (fiscal 2019) earnings results on November 7. The company reported revenues of $\$ 7.2$ billion for the quarter, which represents an increase of $2.6 \%$ compared to the previous year's quarter. Revenue growth was primarily driven by higher affiliate and advertising revenues at the Television and Cable segments. $21^{\text {st }}$ Century Fox was able to generate earnings-per-share of $\$ 0.52$ during the quarter, an increase of $6 \%$ year over year.

Disney will pay $\$ 71$ billion, partially cash and partially by issuing shares of Disney, in order to acquire the Twentieth Century Fox Film and Television studios, as well as certain cable and international assets. Before this acquisition, $21^{\text {st }}$ Century Fox will spin off the businesses that will not be acquired by Disney. This so-called New Fox will include Fox Broadcasting Network, Fox TV stations, Fox News Channels, Fox Business Network, FS 1+2, and Big Ten Network. Shareholders of $21^{\text {st }}$ Century Fox as well as of Disney have approved the acquisition. It could still get derailed by regulators, though. During November, Disney got a conditional OK from European regulators for the takeover. However, Disney has to divest its interest in several TV channels that are controlled by A\&E, one of Disney's joint ventures.

## 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 | $\$ 0.60$ | $\$ 0.95$ | $\$ 1.15$ | $\$ 1.28$ | $\$ 1.35$ | $\$ 1.67$ | $\$ 1.72$ | $\$ 1.42$ | $\$ 1.61$ | $\$ 1.98$ | $\mathbf{\$ 2 . 0 8}$ |
| DPS | $\$ 0.12$ | $\$ 0.14$ | $\$ 0.15$ | $\$ 0.18$ | $\$ 0.17$ | $\$ 0.25$ | $\$ 0.28$ | $\$ 0.30$ | $\$ 0.36$ | $\$ 0.36$ | $\mathbf{\$ 0 . 3 6}$ |
| Shares | 2610 | 2620 | 2630 | 2380 | 2320 | 2190 | 2020 | 1870 | 1850 | 1850 | $\mathbf{1 8 3 0}$ |

$21^{\text {st }}$ Century Fox' profits took a hit during the financial crisis, but the company remained profitable. Over the last five years $21^{\text {st }}$ Century Fox' earnings-per-share grew by five percent a year, which is decent but unspectacular growth. $21^{\text {st }}$ Century Fox will, after the asset sale to Disney, be a more focused company with strong assets: Fox News, Fox Business, and Fox Sports, along with Fox Broadcasting and other TV assets, but no Filmed Entertainment, no Star India, and no Hulu. New Fox therefore would be a significantly less diversified company, and many of the stakes in other companies (Hulu, Sky) would be sold. New Fox will keep its stake in Roku.

The assets New Fox would retain are not high-growth businesses, but stable cash cows that do not require significant capital expenditures. Those assets are also not cyclical, in contrary to the cinema business. With high cash flows New Fox could continue to repurchase shares at a rapid pace, which would allow for solid earnings-per-share growth.

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 | 15.8 | 13.4 | 13.2 | 14.1 | 20.0 | 19.7 | 20.1 | 20.2 | 17.3 | 25.3 | $\mathbf{2 3 . 1}$ |
| Avg. Y/d. | $1.3 \%$ | $1.1 \%$ | $1.0 \%$ | $1.0 \%$ | $0.6 \%$ | $0.8 \%$ | $0.8 \%$ | $1.0 \%$ | $1.3 \%$ | $1.1 \%$ | $\mathbf{0 . 8 \%}$ |
| A.0\% |  |  |  |  |  |  |  |  |  |  |  |

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.

## Twenty-First Century Fox (FOXA)

Updated November $8^{\text {th }}, 2018$ by Jonathan Weber
$21^{\text {st }}$ Century Fox trades at 23 times this year's earnings, which can be explained by the deal premium that has been offered by Disney. If the takeover falls through, $21^{\text {st }}$ Century Fox' valuation would likely decline substantially. New Fox trades with an implied value of $\$ 10$ right now, it is not possible to say whether that is a fair valuation right now.

Safety, Quality, Competitive Advantage, \& Recession Resiliency

| Year | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 1 9}$ | $\mathbf{2 0 2 4}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GP/A | $20.5 \%$ | $21.7 \%$ | $13.7 \%$ | $16.6 \%$ | $20.0 \%$ | $19.7 \%$ | $20.8 \%$ | $21.2 \%$ | $21.1 \%$ | $19.9 \%$ | $\mathbf{2 1 . 0 \%}$ | $\mathbf{2 1 . 0} \%$ |
| Debt/A | $55.6 \%$ | $52.4 \%$ | $50.5 \%$ | $55.6 \%$ | $59.5 \%$ | $60.9 \%$ | $62.4 \%$ | $68.0 \%$ | $65.3 \%$ | $61.3 \%$ | $\mathbf{6 2 . 0} \%$ | $\mathbf{6 2 . 0} \%$ |
| Int. Cov. | - | 4.8 | 4.6 | 5.8 | 9.7 | 5.8 | 9.5 | 4.7 | 5.0 | 3.8 | $\mathbf{4 . 5}$ | $\mathbf{5 . 0}$ |
| Payout | $20.0 \%$ | $14.7 \%$ | $13.0 \%$ | $14.1 \%$ | $12.6 \%$ | $15.0 \%$ | $16.3 \%$ | $21.1 \%$ | $22.4 \%$ | $18.2 \%$ | $\mathbf{1 7 . 3} \%$ | $\mathbf{1 8 . 8} \%$ |
| Std. Dev. | $57.2 \%$ | $27.5 \%$ | $24.4 \%$ | $17.7 \%$ | $16.2 \%$ | $21.3 \%$ | $25.4 \%$ | $21.8 \%$ | $27.3 \%$ | $28.3 \%$ | $\mathbf{2 6 . 0} \%$ | $\mathbf{2 4 . 0} \%$ |

$21^{\text {st }}$ Century Fox produces a solid amount of gross profits relative to the assets it owns. The company finances close to two thirds of its assets via debt. Its interest coverage ratio is relatively solid, though, and its rather low amount of equity is, at least partially, due to its high pace of share repurchases. Over the last seven years, the company has bought back $30 \%$ of its common shares.
$21^{\text {st }}$ Century Fox owns many different assets, but its strongest position, relative to peers, is in its news channels and sport programming - assets the company will continue to own after the deal with Disney. Due to its smaller size, it could get overwhelmed in non-sports programming by competitors like Netflix. Selling these assets at attractive prices thus is a move that will likely improve New Fox' position in the long run, as it allows the company to focus on the businesses it is best at: cable \& TV broadcasting. The TV business is not very cyclical, so New Fox would likely be less vulnerable in future recessions after selling more cyclical businesses.

## Final Thoughts \& Recommendation

$21^{\text {st }}$ Century Fox got very lucky when Disney and Comcast engaged in a bidding war for the majority of $21^{\text {st }}$ Century Fox' assets. $21^{\text {st }}$ Century Fox' share price has risen by more than $70 \%$ over the last year, which can only be described as a very compelling total return. It is not yet known whether the deal will actually go through, and what the value of New Fox would be if the deal happens. There would be significant downside potential if the deal gets derailed. We thus believe that it is best to secure these tremendous gains and to sell shares of $21^{\text {st }}$ Century Fox at current prices.

Total Return Breakdown by Year


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## Twenty-First Century Fox (FOXA)

Updated November 8 ${ }^{\text {th }}, 2018$ by Jonathan Weber
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 | 30423 | 32778 | 24232 | 25051 | 27675 | 31867 | 28987 | 27326 | 28500 | 30400 |
| Gross Profit | 10860 | 11763 | 8487 | 9388 | 10179 | 10759 | 10426 | 9907 | 10406 | 10631 |
| Gross Margin | $35.7 \%$ | $35.9 \%$ | $35.0 \%$ | $37.5 \%$ | $36.8 \%$ | $33.8 \%$ | $36.0 \%$ | $36.3 \%$ | $36.5 \%$ | $35.0 \%$ |
| SG\&A Exp. | 6164 | 6619 | 3759 | 3719 | 4007 | 4129 | 3784 | 3460 | 3337 | 3759 |
| D\&A Exp. | 1138 | 1185 | 777 | 711 | 797 | 1142 | 736 | 530 | 553 | 584 |
| Operating Profit | 3558 | 3959 | 3951 | 4958 | 5375 | 5488 | 5906 | 5917 | 6516 | 6288 |
| Op. Margin | $11.7 \%$ | $12.1 \%$ | $16.3 \%$ | $19.8 \%$ | $19.4 \%$ | $17.2 \%$ | $20.4 \%$ | $21.7 \%$ | $22.9 \%$ | $20.7 \%$ |
| Net Profit | -3378 | 2539 | 2739 | 1179 | 7097 | 4514 | 8306 | 2755 | 2952 | 4464 |
| Net Margin | $-11.1 \%$ | $7.7 \%$ | $11.3 \%$ | $4.7 \%$ | $25.6 \%$ | $14.2 \%$ | $28.7 \%$ | $10.1 \%$ | $10.4 \%$ | $14.7 \%$ |
| Free Cash Flow | 1147 | 2940 | 2416 | 2270 | 2380 | 2286 | 3193 | 2879 | 3418 | 3676 |
| Income Tax | -2229 | 679 | 673 | 1094 | 1690 | 1272 | 1243 | 1130 | 1419 | -364 |

Balance Sheet Metrics

| Year | $\mathbf{2 0 0 8}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Assets | 53121 | 54384 | 61980 | 56663 | 50944 | 54793 | 50039 | 48193 | 50872 | 53831 |
| Cash \& Equivalents | 6540 | 8709 | 12680 | 9626 | 6659 | 5415 | 8428 | 4424 | 6163 | 7622 |
| Acc. Receivable | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | 6330 | 6608 | 5459 | 6468 | 5912 | 6258 | 6625 | 7120 |
| Inventories | 2477 | 2392 | 2332 | 2595 | 2784 | 3092 | 2749 | 3291 | 3101 | 3669 |
| Goodwill \& Int. | 23307 | 22055 | 23284 | 20307 | 22319 | 26124 | 18833 | 19510 | 19366 | 18869 |
| Total Liabilities | 29489 | 28518 | 31333 | 31478 | 30819 | 33892 | 31853 | 33312 | 33934 | 33033 |
| Accounts Payable | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | 5773 | 5405 | 4434 | 4183 | 411 | 270 | 406 | 443 |
| Long-Term Debt | 14289 | 13320 | 15495 | 15455 | 16458 | 19058 | 19039 | 19553 | 19913 | 19523 |
| Total Equity | 23224 | 25113 | 30069 | 24684 | 16998 | 17418 | 17220 | 13661 | 15722 | 19564 |
| D/E Ratio | 0.62 | 0.53 | 0.52 | 0.63 | 0.97 | 1.09 | 1.11 | 1.43 | 1.27 | 1.00 |

Profitability \& Per Share Metrics

| Year | $\mathbf{2 0 0 8}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Return on Assets | $-5.9 \%$ | $4.7 \%$ | $4.7 \%$ | $2.0 \%$ | $13.2 \%$ | $8.5 \%$ | $15.8 \%$ | $5.6 \%$ | $6.0 \%$ | $8.5 \%$ |
| Return on Equity | $-13 \%$ | $10.5 \%$ | $9.9 \%$ | $4.3 \%$ | $34.1 \%$ | $26.2 \%$ | $48.0 \%$ | $17.8 \%$ | $20.1 \%$ | $25.3 \%$ |
| ROIC | $-8.3 \%$ | $6.6 \%$ | $6.4 \%$ | $2.7 \%$ | $18.4 \%$ | $11.8 \%$ | $21.5 \%$ | $7.7 \%$ | $8.3 \%$ | $11.6 \%$ |
| Shares Out. | 2610 | 2620 | 2630 | 2380 | 2320 | 2190 | 2020 | 1870 | 1850 | 1850 |
| Revenue/Share | 11.64 | 12.47 | 9.20 | 10.00 | 11.82 | 14.04 | 13.61 | 14.05 | 15.36 | 16.37 |
| FCF/Share | 0.44 | 1.12 | 0.92 | 0.91 | 1.02 | 1.01 | 1.50 | 1.48 | 1.84 | 1.98 |

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.

