## United Parcel Services (UPS)

## Updated October 25th, 2018 by Jonathan Weber

Key Metrics

| Current Price: | $\$ 108$ | 5 Year CAGR Estimate: | $14.3 \%$ | Volatility Percentile: | $39.0 \%$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Fair Value Price: | $\$ 130$ | 5 Year Growth Estimate: | $7.2 \%$ | Momentum Percentile: | $35.0 \%$ |
| \% Fair Value: | $83 \%$ | 5 Year Valuation Multiple Estimate: | $3.7 \%$ | Growth Percentile: | $69.1 \%$ |
| Dividend Yield: | $3.4 \%$ | 5 Year Price Target | $\$ 184$ | Valuation Percentile: | $76.9 \%$ |
| Dividend Risk Score: | B | Retirement Suitability Score: | B | Total Return Percentile: $80.4 \%$ |  |

## Overview \& Current Events

United Parcel Services (UPS) is a logistics and package delivery company that offers services including transportation, distribution, ground freight, ocean freight, insurance and financing. Its operations are split into three segments: US Domestic Package, International Package, and Supply Chain \& Freight. UPS trades with a market capitalization of \$93 billion. The company was founded in 1907 and is headquartered in Atlanta, GA.

United Parcel Services reported its third quarter earnings results on October 24. The company recorded revenues of $\$ 17.4$ billion, $7.9 \%$ more than during last year's third quarter. The revenue growth was based on higher transport volumes as well as on higher pricing. United Parcel Services grew its earnings-per-share by $26 \%$ to $\$ 1.82$. This highly compelling earnings-per-share performance was possible due to a combination of higher revenues, higher margins, lower taxes and a slightly lower share count. United Parcel Services has reiterated its earnings-per-share guidance of $\$ 7.03$ to $\$ 7.37$ for fiscal 2018. Management has stated that free cash flows would be higher than $\$ 5$ billion.

## Growth on a Per-Share Basis

| Year | $\mathbf{2 0 0 8}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EPS | $\$ 3.50$ | $\$ 2.31$ | $\$ 3.56$ | $\$ 4.23$ | $\$ 4.53$ | $\$ 4.61$ | $\$ 4.75$ | $\$ 5.43$ | $\$ 5.75$ | $\$ 6.01$ | $\mathbf{\$ 7 . 2 0}$ |
| DPS | $\$ 1.77$ | $\$ 1.80$ | $\$ 1.88$ | $\$ 2.08$ | $\$ 2.28$ | $\$ 2.48$ | $\$ 2.68$ | $\$ 2.92$ | $\$ 3.12$ | $\$ 3.32$ | $\$ 3.64$ |
| Shares | 995 | 993 | 987 | 963 | 953 | 924 | 905 | 886 | 868 | 859 | $\mathbf{8 5 5}$ |

During the last financial crisis UPS' profitability declined substantially. Earnings-per-share dropped from \$4.11 in 2007 to $\$ 2.31$ in 2009. Since then profits have risen relatively consistently. When we look at the 2008-2018 time frame earnings-per-share grew by $7.5 \%$ annually, based on the midpoint of UPS' guidance for the current year.

Profit growth during 2018 will be higher than in recent years, which is due to the positive one-time impact of a tax rate decline due to tax legislation changes in late 2017. Even without that impact the growth rate would not be bad, though, as UPS benefits from macro tailwinds and is performing well operationally at the same time. One such tailwind is ecommerce, which leads to growth in the amount of packages that have to be transported across the country. The strong economy drives demand for UPS' services by businesses as well as by consumers, which increase their spending due to higher disposable incomes. With online shopping growth continuing to outpace brick-and-mortar growth in the foreseeable future, UPS should continue to benefit from strong demand for its services.

UPS has pointed to a favorable pricing environment that could positively impact margins going forward. UPS has also reduced its share count in recent years, which allowed for some additional earnings-per-share growth. We expect that UPS will continue to grow its profits per share at a high-single digits pace going forward. UPS did not cut its dividend during the financial crisis and continues to lift it at a solid pace. The most recent hike was relatively high, at 10\%.

Valuation Analysis

| Year | $\mathbf{2 0 0 8}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | Now |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Avg. P/E | 18.4 | 22.6 | 18.1 | 16.7 | 16.7 | 19.3 | 21.2 | 18.5 | 18.4 | 18.6 | $\mathbf{1 5 . 0}$ |
| Avg. Yld. | $2.7 \%$ | $3.5 \%$ | $2.9 \%$ | $2.9 \%$ | $3.0 \%$ | $2.8 \%$ | $2.7 \%$ | $2.9 \%$ | $2.9 \%$ | $3.0 \%$ | $\mathbf{3 . 4 \%}$ |
| 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.

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Updated October 25th, 2018 by Jonathan Weber
United Parcel Services' valuation has come down significantly over the last couple of months, shares trade at just 15 times this year's expected earnings right now. This is a huge discount compared to how shares were valued during the last couple of years. Its current valuation is the lowest over the last decade. Multiple expansion will likely positively impact United Parcel Services' returns going forward. Investors get a relatively high dividend yield of $3.4 \%$ on top of that.

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

| Year | $\mathbf{2 0 0 8}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GP/A | $124 \%$ | $113 \%$ | $28 \%$ | $114 \%$ | $104 \%$ | $115 \%$ | $123 \%$ | $119 \%$ | $\mathbf{1 1 7 \%}$ | $\mathbf{1 0 9 \%}$ | $\mathbf{1 1 0 \%}$ |
| Debt/A | $78.7 \%$ | $75.9 \%$ | $76.0 \%$ | $79.5 \%$ | $87.8 \%$ | $82.1 \%$ | $93.9 \%$ | $93.5 \%$ | $98.9 \%$ | $97.7 \%$ | $\mathbf{9 6 . 0 \%}$ |
| Int. Cov. | 12.4 | 8.6 | 15.9 | 17.6 | 3.5 | 18.6 | 14.1 | 22.5 | 14.5 | 16.8 | $\mathbf{1 8 . 0}$ |
| Payout | $50.6 \%$ | $77.9 \%$ | $52.8 \%$ | $49.2 \%$ | $50.3 \%$ | $53.8 \%$ | $56.4 \%$ | $53.8 \%$ | $54.3 \%$ | $55.2 \%$ | $\mathbf{5 0 . 6 \%}$ |
| I8.0 | $\mathbf{5 2 . 5 \%}$ |  |  |  |  |  |  |  |  |  |  |
| Std. Dev. | $31.6 \%$ | $36.4 \%$ | $20.4 \%$ | $19.3 \%$ | $11.9 \%$ | $12.7 \%$ | $15.8 \%$ | $15.4 \%$ | $14.4 \%$ | $12.1 \%$ | $\mathbf{1 4 . 0 \%}$ |
| $\mathbf{1 5 . 0} \%$ |  |  |  |  |  |  |  |  |  |  |  |

United Parcel Services produces a very high amount of gross profits relative to the assets the company possesses, although we have to note that operating profits and net profits are substantially lower than the company's gross profits. United Parcel Services is highly leveraged in terms of debt to all assets, but since the interest coverage ratio is quite high the debt levels are not problematic at all. Investors do not have to worry about rising interest rates with this stock.
UPS is the biggest logistics/package delivery company in the US. Its top peers include FedEx, DHL Express, and the United States Postal Service. The macro environment is beneficial for the whole industry, thanks to the megatrend online shopping and a strong economy. None of the big players has any interest in a price war, and volumes will continue to rise even if they increase the base pricing for their services. Competitive pressures should therefore remain muted for the foreseeable future. During the last financial crisis profits were roughly cut in half, as lower economic activity and lower consumer spending hurts UPS. A less severe recession will not lead to such an extensive impact on UPS.

## Final Thoughts \& Recommendation

United Parcel Services is a key player in a company that benefits from the megatrend online shopping. Its earnings will likely continue to grow at a compelling pace going forward, and shareholders get a meaningful dividend yield on top of that. The low valuation should also lead to some valuation expansion tailwinds, which is why the total return outlook is positive for United Parcel Services. We rate UPS a buy at its current price.

Total Return Breakdown by Year

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Income Statement Metrics

| Year | $\mathbf{2 0 0 8}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Revenue | 51486 | 45297 | 49545 | 53105 | 54127 | 55438 | 58232 | 58363 | 60906 | 65872 |
| Gross Profit | 39608 | 36478 | 9514 | 10241 | 5593 | 11311 | 9506 | 12304 | 10090 | 12568 |
| Gross Margin | $76.9 \%$ | $80.5 \%$ | $19.2 \%$ | $19.3 \%$ | $10.3 \%$ | $20.4 \%$ | $16.3 \%$ | $21.1 \%$ | $16.6 \%$ | $19.1 \%$ |
| SG\&A Exp. | 32412 | 30930 |  |  |  |  |  |  |  |  |
| D\&A Exp. | 1814 | 1747 | 1792 | 1782 | 1858 | 1867 | 1923 | 2084 | 2224 | 2282 |
| Operating Profit | 5382 | 3801 | 5641 | 6080 | 1343 | 7034 | 4968 | 7668 | 5467 | 7529 |
| Op. Margin | $10.5 \%$ | $8.4 \%$ | $11.4 \%$ | $11.4 \%$ | $2.5 \%$ | $12.7 \%$ | $8.5 \%$ | $13.1 \%$ | $9.0 \%$ | $11.4 \%$ |
| Net Profit | 3003 | 2152 | 3338 | 3804 | 807 | 4372 | 3032 | 4844 | 3431 | 4910 |
| Net Margin | $5.8 \%$ | $4.8 \%$ | $6.7 \%$ | $7.2 \%$ | $1.5 \%$ | $7.9 \%$ | $5.2 \%$ | $8.3 \%$ | $5.6 \%$ | $7.5 \%$ |
| Free Cash Flow | 5790 | 3683 | 2446 | 5068 | 5063 | 5239 | 3398 | 5051 | 3508 | -3748 |
| Income Tax | 2012 | 1214 | 1952 | 1972 | 167 | 2302 | 1605 | 2498 | 1705 | 2238 |

Balance Sheet Metrics

| Year | 2008 | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Assets | 31879 | 31883 | 33597 | 34701 | 38863 | 36212 | 35440 | 38311 | 40377 | 45403 |
| Cash \& Equivalents | 507 | 1542 | 3370 | 3034 | 7327 | 4665 | 2291 | 2730 | 3476 | 3320 |
| Acc. Receivable | 5547 | 5369 | 5627 | 6246 | 6111 | 6502 | 6661 | 7134 | 7695 | 8773 |
| Inventories | N/A | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | 345 | 393 | 403 | 344 | 308 | 342 | 404 |
| Goodwill \& Int. | 2497 | 2685 | 2680 | 2686 | 2776 | 2965 | 3031 | 4968 | 5515 | 5836 |
| Total Liabilities | 25099 | 24187 | 25550 | 27593 | 34130 | 29724 | 33282 | 35820 | 39948 | 44373 |
| Accounts Payable | 1855 | 1766 | 1974 | 2300 | 2278 | 2478 | 2754 | 2587 | 3042 | 3872 |
| Long-Term Debt | 9871 | 9521 | 10846 | 11128 | 12870 | 10872 | 10779 | 14334 | 16075 | 23789 |
| Total Equity | 6780 | 7630 | 7979 | 7035 | 4653 | 6474 | 2141 | 2470 | 405 | 1000 |
| D/E Ratio | 1.46 | 1.25 | 1.36 | 1.58 | 2.77 | 1.68 | 5.03 | 5.80 | 39.69 | 23.79 |

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 | $8.5 \%$ | $6.8 \%$ | $10.2 \%$ | $\mathbf{1 1 . 1 \%}$ | $\mathbf{2 . 2 \%}$ | $\mathbf{1 1 . 6 \%}$ | $8.5 \%$ | $\mathbf{1 3 . 1 \%}$ | $8.7 \%$ | $\mathbf{1 1 . 4 \%}$ |
| Return on Equity | $31.7 \%$ | $29.9 \%$ | $42.8 \%$ | $50.7 \%$ | $13.8 \%$ | $78.6 \%$ | $70.4 \%$ | $210 \%$ | $239 \%$ | $699 \%$ |
| ROIC | $15.1 \%$ | $12.7 \%$ | $18.5 \%$ | $20.5 \%$ | $4.5 \%$ | $25.0 \%$ | $20.0 \%$ | $32.6 \%$ | $20.6 \%$ | $23.8 \%$ |
| Shares Out. | 995 | 993 | 987 | 963 | 953 | 924 | 905 | 886 | 868 | 859 |
| Revenue/Share | 50.38 | 45.12 | 49.40 | 53.59 | 55.86 | 58.48 | 63.02 | 64.42 | 68.67 | 75.28 |
| FCF/Share | 5.67 | 3.67 | 2.44 | 5.11 | 5.23 | 5.53 | 3.68 | 5.58 | 3.95 | -4.28 |

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.

