DUFFEPHELPS

## About Our Practice

Duff \& Phelps' Consumer Group is among the most active middle-market advisors, providing sell side, buy side and capital raising services for clients worldwide. With expertise in consumer, food, restaurant, apparel and retail sectors, our professionals have executed over 100 industry transactions over the past 10 years

Additionally, we expanded the West Coast office by adding Brian Little, a Managing Director within Corporate Finance, enhancing Duff \& Phelps Consumer M\&A efforts, and furthering its coverage in the Apparel and Footwear industry.
\#1 Ranked for U.S. and global Fairness Opinions for $2017 .{ }^{1}$
\#4 Middle-Market M\&A Advisor over the past five years. ${ }^{2}$

| Proven <br> Execution | $100+$ Consumer M\&A and Capital Raise transactions <br> over the past 10 years |
| :--- | :--- |
| Deep Sector <br> Expertise | Category focus drives thought leadership and builds <br> invaluable relationships with buyers and investors alike |
| Customized <br> Approach | Successful track record of premium value transactions <br> driven by hands-on execution and creativity |
| Experienced <br> Team | Over 30 bankers dedicated exclusively to the Consumer <br> sector within the U.S. alone |
| Global <br> Platform | Over 2,500 employees across 70 offices in 20 countries, <br> with an extensive presence in the U.S., Europe and Asia |

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## Executive Summary

The Times They Are a-Changin,
Taking a look at the year gone by, the Apparel sector could be characterized as a year of growth. In the face of industry-specific headwinds (see: retail), political uncertainty, and a competitive global marketplace, the market still persevered.
Brands have attempted to adapt - with varying degrees of success - to meet the demands of an increasingly fickle and discerning consumer, while navigating a rapidly evolving retail landscape. A national downsizing of brick-and-mortar retail doors has presented challenges for traditional wholesalers, while rising customer acquisition costs have led digitally native brands to reconsider their direct-to-consumer strategies. And yet, the sector experienced growth.

From an M\&A perspective, Consumer transactions continue to surge - over $\$ 137$ billion of transaction value in 2017 alone - with valuations we have not seen since the economic downtown of 2008. Consumer confidence continues to climb, now exceeding prerecession levels. The bull market of eight-plus years surged forward again, with the S\&P 500 rising $8.2 \%$ last quarter.
We believe uncertainty within the current market created opportunities for companies that are nimble and well-capitalized: opportunities to problem-solve through a convergence of innovation, human capital and technology. We are excited for these opportunities and for brands that are affecting change, and look forward to sharing our thoughts with you.

Our Quarterly Apparel Report is intended to provide insights into all things related to the Apparel sector. Our market update provides an in-depth analysis of the global industry, focusing on themes, issues and opportunities impacting the sector and its performance.
We hope you will find this report, and other reports that follow, useful sources of information.

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## 2017 - A Year In Review

Sum mary
We continued our run with the bulls: the stock market surpassed alltime highs and posted strong gains over the course of the year. The continuation of the bull market bode well for subsectors - the Consumer Discretionary sector outpaced the S\&P 500 by nearly $2 \%$. Despite strong performance overall, retail stocks generally struggled as investors carefully watched the industry transformation underway.

In the United States, retail sales grew 4.2\% in 2017, backed by strong consumer confidence and rising levels of disposable income. While online purchases helped drive retail sales growth, traditional retailers experienced one of the strongest holiday seasons in years.

Retailers continue to adapt their business models in this evolving environment. Amidst nearly 7,000 store closures ${ }^{4}$, retailers were committed to investing in technology, experimenting with innovative retail experiences and fortifying their online presence.
Businesses appealed to consumer preferences by: incorporating aspects of product customization to appeal to more millennials; expanding their athleisure assortment to benefit from positive market growth; and broadening their product assortment to capture underserved markets, including plus-size, which represents a nearly $\$ 20$ billion opportunity ${ }^{5}$.

Whether companies grew organically, merged or conducted strategic acquisitions, a spirit of adaptation pervaded the retail market in 2017. This update highlights four key trends impacting the apparel sector which will likely continue in 2018: adapting business models of traditional retailers, digitally native brands pivoting to offset customer acquisition costs, the use of big data to drive sales, and consumer engagement through content.
With continued revenue growth and improving EBITDA margins, investors will be carefully watching capital investments throughout the year and tracking their success.

## 2017 By The Numbers



## Trends and Insights

(1)
Brick and Mortar: Getting the Customer Back

Retailers continue to embrace technology to win over customers, including innovative solutions ranging from virtual reality showrooms to augmented reality.


Personal Styling e.g., Nordstrom


Augmented Reality e.g., Tommy Bahama


Smart Mirrors e.g., Uniqlo

Retailers are focused on creating enhanced in-store experiences and strengthening local marketing efforts to help offset store closures and draw foot traffic. Companies, including Nordstrom, are reimagining the traditional retail experience with small format stores that feature experiential services like personal styling, in-store bars and manicures.

$82 \%$ of mobile users search for a local business online ${ }^{6}$ and $18 \%$ of local searches lead to a sale within 24 hours $^{7}$

E-commerce/digital influences up to $56 \%$ of in-store purchases ${ }^{8}$ and $50 \%$ of millennials prefer going to stores ${ }^{9}$

毋
$86 \%$ of all millennials use their phones while shopping in stores ${ }^{10}$

## (2) Digital Native Brands Comes to Life

As customer acquisition costs (CAC) continue to rise, digitally native brands are opening physical locations with favorable unit economics that support in-store customer acquisition, helping reduce CAC costs.


Experiential Services e.g., Frank \& Oak


Showrooms
e.g., Bonobos


Experiences
e.g., Kanuk

Acquisition of costly, price-focused new customers has left its scar on online retail, with many brands instead choosing to try out brick-and-mortar, where lease costs are much more predictable and far less volatile. These store locations provide a platform to strengthen branding and enhance customer satisfaction by providing a seamless omni-channel experience and exciting customer experiences.


Online-only retailers that open a store see an increase in sales of 5 to 8 times ${ }^{11}$

UلI The pop-up store phenomenon now accounts for approximately \$10 billion in sales annually ${ }^{12}$

$86 \%$ of shoppers like "experience stores," where they can test products in the store but buy via mobile or online ${ }^{13}$

## Trends and Insights

Big Data $=$ Big Sales

From complex algorithms analyzing online activity to smart fit mirrors in stores, companies are increasingly relying on analytics and machine learning to help drive sales.

| Customer Info |  |
| :---: | :---: | :---: |
| Products Viewed <br> Sizes Bought <br> Style Trends <br> Customer Spending <br> Fit | Shequency <br> Channels |
| New Customers <br> Incremental Sales <br> Inspire Frequent <br> Visits |  |
| Increased Customer <br> Satisfaction <br> Predict Demand <br> Improved Inventory <br> Management |  |

By building out customer profiles based on shopping patterns, companies can create a curated customer experience across its platforms and develop a rich understanding of trends. Analyzing data from multiple site and store visits allows retailers to discover valuable insights into each customer's personal style, preferences and fit. Using data, retailers can react to individual customer demands.

In-store analytics offers a $\$ 61$ billion value stake for retail in $2018{ }^{14}$
$85 \%$ of retail customer interaction will be managed and tracked by Artificial Intelligence by $2020^{15}$

Versace targeted and scored website visitors in real time based on their purchases, yielding a $35 \%$ increase in online sales and a $300 \%$ increase in average order value ${ }^{16}$

## (4) Conentis kne

Engagement, rather than promotion, has become the core marketing objective, giving rise to content that exhibits elements of sincerity, peer and influencer recommendations, and brand values.

Instagram continues to be a key marketing channel for brands with sponsored posts more than doubling in 201717. However, with increased competition for views, brands are testing various approaches to differentiate their online marketing and drive consumer engagement. Sephora has increasingly found that turning to micro-influencers has successfully helped it create more meaningful and diverse content, and has increased consumer engagement. Other brands like Nike have encouraged engagement through product customization on Instagram with its PhotoiD microsite.

## Sponsored Instagram Posts (Millions)



Source: "Influencer Marketing Trends You Must Know In 2018." January 15, 2018. Klear.

Businesses are making $\$ 6.50$ for every dollar spent on influencer marketing ${ }^{18}$
$54 \%$ of consumers would consider ending their relationship with a retailer if they are not given tailor-made and relevant content ${ }^{19}$

72\% of millennials report buying fashion and beauty products based on Instagram posts ${ }^{20}$

## Recent Apparel M\&A Transaction Activity



Sectors
Apparel and Fashion Active Apparel and Footwear

## Transaction Spotlight: Walmart's e-Commerce Spree

## Walmart has aggressively pursued channel expansion through multiple acquisitions

- To help it compete in the online apparel market, Walmart has completed five acquisitions totaling $\$ 3.9$ billion since mid-2016, adding both talent and brands to its growing online business

- By leveraging its massive brick-and-mortar store base, Walmart will be able to significantly drive sales growth further enhancing its omni-channel strategy

| Mono-Brand |  |
| :---: | :---: |
| MODCLOTH | BONOBOS |
| Online retailer of indie and vintage-inspired women's clothing | High-end, online, men's clothing brand |
| Ent. Value: \$50 million | Ent. Value: \$310 million |
| March 2017 | June 2017 |
| - Walmart will leverage ModCloth's fun and expressive style and tight customer community to build a strong millennial customer base <br> - Complementary brand to Walmart's other e-commerce sites | - Walmart will use its subsidiary, Jet.com, to help Bonobos sell to a wider audience online <br> - Bonobos' team will help shape Walmart online, especially in leading its collection of exclusive online brands |


| shoebuy |
| :---: |
| Online retailer of <br> footwear, clothing <br> and accessories |
| Ent. Value: \$70 million |
| January 2017 |
| The acquisition |
| allows Walmart to |
| compete with |
| Amazon, which owns |
| 26\% of the online |
| shoe sales market |
| - ShoeBuy suppliers |
| are now able to sell |
| their products on |
| Jet.com, expanding |
| the company's |
| product offering and |
| customer base |

## Marketplace

## jet

Online shopping marketplace

Ent. Value: $\$ 3.3$ billion
August 2016

- Like ModCloth, Moosejaw has a strong millennial customer base that Walmart hopes to absorb
- Walmart gains the experience of another well-established ecommerce player, this time in the active outdoor category


## Transaction Spotlight: Action Sports Apparel

## Action Sports Apparel M\&A has seen an increase in activity

- Despite a challenging environment in action sports, interest in the sector remains strong with investments focused on global expansion and operational efficiencies

Billabong International was
acquired by Boardriders
Ent. Value: \$227 million
Billabong International
manufactures boardsports apparel,
accessories, watches and
backpacks
Boardriders is a manufacturer of
action sports apparel, footwear and
accessories under the Quicksilver,
Roxy and DC Shoes brands

[^0] various news sources (e.g., The Deal, The Wall Street Journal)

## Eye on Retail

- In 2017, retail sales improved by $4.2 \%^{3}$, backed by strong consumer confidence and rising levels of disposable income
- Holiday sales increased by 4.9\% year-over-year ${ }^{21}$
- The over-stored retail industry continues to streamline its store base with an emphasis on online sales growth
- After closing 7,000 stores in $2017^{4}$, closures are expected to continue throughout 2018 with major retailers already planning to close an additional 3,600 stores across the United States this year22
- Retail stocks were down overall, but rallied in the second half of the year
- Mass/Club and Off-Price benefited from value-conscious consumers, while declining mall foot traffic resulted in subdued results for Department Stores and Specialty Retail
- Retailers continue to embrace new ways of doing business and are re-engineering consumer engagement by blending physical and digital experiences
- Moving into 2018, retailers will likely to continue to invest in online initiatives to help improve sales and to make strategic acquisitions to add valuable e-commerce expertise


## Indexed Stock Price Performance



Source: S\&P Global Market Intelligence
Rebounding Holiday Sales (YoY Increase)


Source: Mastercard SpendingPulse Report. January 2018.

Sector index weight based upon company market capitalization at valuation date. Index constituents for Mass/Club, Department, Off-Price and Specialty Retail are listed on pages 17-19.

## Operational Benchmarking

While overall revenue increased year-over-year in 2017, it came at the expense of some EBITDA margin erosion for retailers. However, this is estimated to improve in 2018.


## Valuation Benchmarking

Overall, valuation multiples continue to improve year-over-year


## Iin Public Apparel and Fashion Valuations

| (\$ in millions, except per share data) | Stock <br> Price 31-Dec-17 | $1 \mathrm{Yr}$ <br> Stock Perf. | \% of 52 Wk High | Market Value | Enterprise Value | Enterprise Value as a Multiple of |  |  |  | 2017E |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Revenue |  | EBITDA |  | EBITDA |
|  |  |  |  |  |  | 2017E | 2018E | 2017E | 2018E | Margin |
| Active Apparel |  |  |  |  |  |  |  |  |  |  |
| NIKE, Inc. | \$62.55 | 24.7\% | 96.0\% | \$102,051 | \$100,373 | $2.89 x$ | 2.71 x | 19.4x | 17.7x | 14.9\% |
| Lululemon Athletica Inc. | 78.59 | 20.9\% | 98.1\% | 10,640 | 9,989 | 3.80x | 3.41x | 17.1x | 14.8x | 22.2\% |
| Moncler S.p.A. | 31.32 | 59.1\% | 98.1\% | 7,976 | 7,830 | NM | 4.81x | 16.4x | $14.3 x$ | 33.6\% |
| Under Armour, Inc. | 14.43 | (50.3\%) | 46.5\% | 6,127 | 6,938 | 1.41x | 1.35x | NM | 19.7x | 6.4\% |
| Columbia Sportswear Company | 71.88 | 24.9\% | 99.1\% | 5,023 | 4,622 | 1.89x | 1.80x | 14.4x | 13.1x | 13.1\% |
| Canada Goose Holdings Inc. | 31.66 | NM | 98.9\% | 3,411 | 3,599 | NM | NM | NM | NM | 20.2\% |
| Lands' End, Inc. | 19.55 | 29.0\% | 78.8\% | 628 | 1,027 | 0.75x | 0.74x | 18.6x | 15.4x | 4.0\% |
| Median |  | 24.8\% | 98.1\% | \$6,127 | \$6,938 | 1.89x | 2.25x | 17.1x | 15.1x | 14.9\% |
| Mean |  | 18.0\% | 87.9\% | \$19,408 | \$19,197 | 2.15x | 2.47x | 17.2x | 15.8x | 16.3\% |
| Contemporary Apparel |  |  |  |  |  |  |  |  |  |  |
| G-III Apparel Group, Ltd. | \$36.89 | 24.8\% | 97.1\% | \$1,811 | \$2,469 | 0.88x | 0.80x | 12.6x | 10.7x | 7.0\% |
| Guess?, Inc. | 16.88 | 49.2\% | 92.2\% | 1,389 | 1,216 | 0.52x | 0.50x | 8.3x | $6.9 x$ | 6.3\% |
| Vince Holding Corp. | 6.19 | (84.7\%) | 14.2\% | 72 | 133 | NM | NM | NM | NM | NM |
| Median |  | 24.8\% | 92.2\% | \$1,389 | \$1,216 | 0.70x | 0.65x | 10.4x | 8.8x | 6.6\% |
| Mean |  | (3.6\%) | 67.8\% | \$1,090 | \$1,273 | 0.70x | 0.65x | 10.4x | 8.8x | 6.6\% |
| Basic Apparel |  |  |  |  |  |  |  |  |  |  |
| Hanesbrands Inc. | \$20.91 | (0.3\%) | 81.3\% | \$7,623 | \$11,219 | $1.74 x$ | 1.69x | 10.7x | 10.2x | 16.3\% |
| Gildan Activewear Inc. | 32.38 | 20.7\% | 96.3\% | 7,098 | 7,724 | $2.83 x$ | 2.69x | 13.3x | 12.4x | 21.3\% |
| Delta Galil Industries Ltd. | 34.38 | 7.5\% | 96.4\% | 874 | 1,065 | 0.78 x | 0.72x | 9.2 x | 7.7x | 8.4\% |
| Delta Apparel, Inc. | 20.20 | (2.6\%) | 86.1\% | 147 | 239 | 0.63x | NM | 9.6x | NM | 6.6\% |
| Median |  | 3.6\% | 91.2\% | \$3,986 | \$4,395 | 1.26x | 1.69x | 10.1x | 10.2x | 12.3\% |
| Mean |  | 6.3\% | 90.0\% | \$3,936 | \$5,062 | 1.49x | 1.70x | 10.7x | 10.1x | 13.2\% |
| Diversified Apparel |  |  |  |  |  |  |  |  |  |  |
| V.F. Corporation | \$74.00 | 42.8\% | 98.3\% | \$29,241 | \$32,078 | $2.65 x$ | 2.41x | 16.9x | 15.3x | 15.7\% |
| PVH Corp. | 137.21 | 52.3\% | 98.3\% | 10,555 | 13,336 | 1.52x | 1.45x | 11.9x | 10.6x | 12.8\% |
| Ralph Lauren Corporation | 103.69 | 17.5\% | 98.3\% | 8,428 | 7,696 | $1.24 x$ | 1.26x | 8.0x | $8.5 x$ | 15.5\% |
| Oxford Industries, Inc. | 75.19 | 27.4\% | 98.3\% | 1,266 | 1,332 | $1.23 x$ | $1.18 x$ | 9.6 x | $8.9 x$ | 12.8\% |
| Perry Ellis International, Inc. | 25.04 | 0.5\% | 96.3\% | 392 | 431 | 0.49x | 0.48x | $7.2 x$ | $6.7 x$ | 6.8\% |
| Median |  | 27.4\% | 98.3\% | \$8,428 | \$7,696 | 1.24x | 1.26x | 9.6x | 8.9x | 12.8\% |
| Mean |  | 28.1\% | 97.9\% | \$9,976 | \$10,975 | 1.43x | 1.36x | 10.7x | 10.0x | 12.7\% |

## Public Footwear Valuations

| (\$ in millions, except per share data) | Stock <br> Price 31-Dec-17 | 1 Yr <br> Stock Perf. | \% of 52 Wk High | Market Value | Enterprise Value | Enterprise Value as a Multiple of |  |  |  | 2017E |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Revenue |  | EBITDA |  | EBITDA |
|  |  |  |  |  |  | 2017E | 2018E | 2017E | 2018E | Margin |
| Footwear |  |  |  |  |  |  |  |  |  |  |
| NIKE, Inc. | \$62.55 | 24.7\% | 96.0\% | \$102,051 | \$100,373 | 2.89x | 2.71x | 19.4x | 17.7x | 14.9\% |
| Adidas AG | 200.95 | 13.0\% | 83.3\% | 40,760 | 40,843 | 1.59x | 1.41x | 13.9x | 11.6x | 11.5\% |
| PUMA SE | 438.28 | 46.9\% | 92.4\% | 6,548 | 6,309 | 1.27x | 1.11x | 16.7x | 12.8x | 7.6\% |
| Skechers U.S.A., Inc. | 37.84 | 53.9\% | 97.2\% | 5,997 | 5,394 | 1.32x | 1.18 x | 12.1x | $9.7 x$ | 10.9\% |
| Wolverine World Wide, Inc. | 31.88 | 46.5\% | 99.5\% | 3,050 | 3,513 | 1.49 x | $1.53 x$ | 11.6x | 10.8x | 12.8\% |
| Steven Madden, Ltd. | 46.70 | 30.6\% | 98.2\% | 2,760 | 2,623 | 1.70x | 1.61x | 12.8x | 12.1x | 13.3\% |
| Deckers Outdoor Corporation | 80.25 | 44.9\% | 99.1\% | 2,565 | 2,500 | 1.38 x | 1.36 x | $10.4 x$ | 9.4 x | 13.3\% |
| Caleres, Inc. | 33.48 | 3.0\% | 97.5\% | 1,439 | 1,626 | 0.59x | 0.57x | 7.9x | 7.4 x | 7.5\% |
| Crocs, Inc. | 12.64 | 84.3\% | 94.8\% | 881 | 885 | 0.87x | 0.87x | 15.7x | 10.6x | 5.5\% |
| Median |  | 44.9\% | 97.2\% | \$3,050 | \$3,513 | 1.38x | 1.36x | 12.8x | 10.8x | 11.5\% |
| Mean |  | 38.6\% | 95.3\% | \$18,450 | \$18,230 | 1.46x | 1.37x | 13.4x | 11.4x | 10.8\% |

## - Public Accessories Valuations

| (\$ in millions, except per share data) | $\begin{gathered} \text { Stock } \\ \text { Price } \\ \text { 31-Dec-17 } \end{gathered}$ | 1 Yr <br> Stock Perf. | \% of 52 Wk High | Market Value | EnterpriseValue | Enterprise Value as a Multiple of |  |  |  | 2017E |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Revenue |  | EBITDA |  | EBITDA |
|  |  |  |  |  |  | 2017E | 2018E | 2017E | 2018E | Margin |
| Accessories |  |  |  |  |  |  |  |  |  |  |
| Luxottica Group S.p.A. | \$61.42 | 1.8\% | 89.9\% | \$29,388 | \$30,686 | 2.81x | 2.67x | 13.2x | 12.3x | 21.3\% |
| The Swatch Group AG | 407.77 | 27.7\% | 95.9\% | 21,057 | 20,071 | 2.45 x | $2.22 x$ | 13.2x | 10.6x | 18.5\% |
| Tapestry, Inc. | 44.23 | 30.5\% | 90.5\% | 12,578 | 13,596 | 2.62x | 2.29x | 12.1x | 10.1x | 21.7\% |
| Pandora AS | 108.94 | (22.9\%) | 72.4\% | 11,942 | 12,879 | 3.50x | 3.09x | 9.4 x | 8.7 x | 37.4\% |
| Michael Kors Holdings Limited | 62.95 | 46.5\% | 97.9\% | 9,573 | 9,395 | 2.07x | 1.93x | 9.4 x | 9.2 x | 22.1\% |
| Fossil Group, Inc. | 7.77 | (70.0\%) | 28.4\% | 377 | 706 | 0.26x | 0.26x | 7.3x | 6.2 x | 3.5\% |
| Movado Group, Inc. | 32.20 | 14.3\% | 95.5\% | 739 | 613 | 1.11x | 1.07x | 8.6 x | 8.5 x | 13.0\% |
| Safilo Group S.p.A. | 5.72 | (40.1\%) | 56.8\% | 359 | 494 | 0.39x | 0.36x | 8.1 x | 6.5 x | 4.8\% |
| Median |  | 8.1\% | 90.2\% | \$10,757 | \$11,137 | 2.26x | 2.07x | 9.4x | 9.0x | 19.9\% |
| Mean |  | (1.5\%) | 78.4\% | \$10,752 | \$11,055 | 1.90x | 1.74x | 10.2x | 9.0x | 17.8\% |

## ^ Public Luxury Valuations

| (\$ in millions, except per share data) | Stock <br> Price 31-Dec-17 | 1 Yr <br> Stock Perf. | \% of 52 Wk High | Market Value | Enterprise Value | Enterprise Value as a Multiple of |  |  |  | 2017EEBITDAMargin |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Revenue |  | EBITDA |  |  |
|  |  |  |  |  |  | 2017E | 2018E | 2017E | 2018E |  |
| Luxury |  |  |  |  |  |  |  |  |  |  |
| LVMH Moët Hennessy Louis Vuitton S.E. | \$294.67 | 37.9\% | 94.2\% | \$147,919 | \$154,594 | 3.02x | $2.76 x$ | 12.3x | 11.1x | 24.6\% |
| Christian Dior SE | 365.69 | 54.6\% | 97.3\% | 65,701 | 94,371 | 1.82x | $1.70 x$ | 8.0x | 7.0x | 22.6\% |
| Kering SA | 471.90 | 87.5\% | 96.2\% | 59,590 | 65,875 | 3.57x | 3.24 x | 16.5x | 14.3x | 21.6\% |
| Hermès International Société | 535.84 | 15.4\% | 95.3\% | 55,990 | 53,112 | NM | NM | NM | 19.5x | 37.3\% |
| Compagnie Financière Richemont SA | 90.60 | 33.7\% | 95.5\% | 51,176 | 45,760 | 3.44x | $3.15 x$ | 14.7x | 12.7x | 23.4\% |
| Tiffany \& Co. | 103.95 | 37.1\% | 98.3\% | 12,919 | 12,997 | $3.13 x$ | 2.98x | 12.9x | 12.6x | 24.4\% |
| Burberry Group plc | 24.22 | 22.6\% | 88.5\% | 10,153 | 9,276 | 2.49x | 2.38 x | 11.4x | 10.8x | 21.9\% |
| Hugo Boss AG | 86.12 | 28.8\% | 88.9\% | 5,943 | 6,124 | 1.87x | $1.75 x$ | 10.2x | $9.4 x$ | 18.3\% |
| TOD'S S.p.A. | 73.13 | 1.2\% | 82.5\% | 2,420 | 2,470 | $2.13 x$ | 2.02x | 12.8x | 11.8x | 16.7\% |
| Median |  | 33.7\% | 95.3\% | \$51,176 | \$45,760 | 2.75x | 2.57x | 12.5x | 11.8x | 22.6\% |
| Mean |  | 35.4\% | 93.0\% | \$45,757 | \$49,398 | 2.68x | 2.50x | 12.3x | 12.1x | 23.4\% |

## I. Public Retailer Valuations

| (\$ in millions, except per share data) | Stock <br> Price 31-Dec-17 | 1 Yr Stock Perf. | \% of 52 Wk High | Market Value | Enterprise Value | Enterprise Value as a Multiple of |  |  |  | 2017E <br> EBITDA <br> Margin |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Rev |  |  |  |  |
|  |  |  |  |  |  | 2017E | 2018E | 2017E | 2018E |  |
| Contemporary Retail |  |  |  |  |  |  |  |  |  |  |
| The Gap, Inc. | \$34.06 | 56.1\% | 96.7\% | \$13,244 | \$13,139 | 0.84x | 0.84x | $6.8 x$ | $6.9 x$ | 12.3\% |
| Lululemon Athletica Inc. | 78.59 | 20.9\% | 98.1\% | 10,640 | 9,989 | 3.80x | 3.41 x | 17.1x | 14.8x | 22.2\% |
| Urban Outfitters, Inc. | 35.06 | 23.1\% | 97.8\% | 3,795 | 3,467 | 0.96x | 0.93x | $8.4 x$ | 8.1x | 11.4\% |
| Guess?, Inc. | 16.88 | 49.2\% | 92.2\% | 1,389 | 1,216 | 0.52x | 0.50x | $8.3 x$ | 6.9x | 6.3\% |
| Express, Inc. | 10.15 | (5.7\%) | 86.8\% | 780 | 649 | 0.30x | 0.31x | $4.5 x$ | 4.2 x | 6.8\% |
| Median |  | 23.1\% | 96.7\% | \$3,795 | \$3,467 | 0.84x | 0.84x | 8.3x | 6.9 x | 11.4\% |
| Mean |  | 28.7\% | 94.3\% | \$5,970 | \$5,692 | 1.28x | 1.20x | 9.0x | 8.2x | 11.8\% |
| Women's Retail |  |  |  |  |  |  |  |  |  |  |
| L Brands, Inc. | \$60.22 | (3.9\%) | 88.0\% | \$16,998 | \$22,050 | $1.76 x$ | $1.73 x$ | 9.7x | 9.7 x | 18.1\% |
| Ascena Retail Group, Inc. | 2.35 | (62.0\%) | 35.6\% | 450 | 1,692 | $0.26 x$ | 0.28x | $3.3 x$ | $3.2 x$ | 7.8\% |
| Aritzia Inc. | 10.12 | (27.5\%) | 69.2\% | 1,126 | 1,188 | $2.13 x$ | $1.76 x$ | 12.1x | $9.7 x$ | 17.6\% |
| Chico's FAS, Inc. | 8.82 | (36.6\%) | 56.9\% | 1,127 | 1,014 | 0.45 x | 0.46x | $4.3 x$ | $4.5 x$ | 10.3\% |
| J.Jill, Inc. | 7.80 | 0.0\% | 54.2\% | 341 | 562 | 0.82x | 0.77x | $5.2 x$ | 5.0x | 15.6\% |
| Vera Bradley, Inc. | 12.18 | 3.9\% | 94.9\% | 432 | 339 | $0.75 x$ | 0.82x | $6.3 x$ | 7.3x | 11.8\% |
| Francesca's Holdings Corporation | 7.31 | (59.5\%) | 37.5\% | 264 | 245 | 0.52x | 0.49x | $4.3 x$ | 3.6 x | 12.2\% |
| The Cato Corporation | 15.92 | (42.9\%) | 50.8\% | 385 | 170 | 0.20x | 0.22x | 4.7x | 4.1x | 4.3\% |
| New York \& Company, Inc. | 2.86 | 26.0\% | 95.7\% | 183 | 126 | NM | NM | NM | NM | NM |
| Destination Maternity Corporation | 2.97 | (42.6\%) | 50.5\% | 43 | 83 | NM | NM | NM | NM | NM |
| Christopher \& Banks Corporation | 1.27 | (45.7\%) | 52.5\% | 48 | 30 | 0.08x | 0.08x | NM | 3.8x | (2.8\%) |
| Median |  | (36.6\%) | 54.2\% | \$385 | \$339 | 0.52x | 0.49x | 4.9x | 4.5x | 11.8\% |
| Mean |  | (26.4\%) | 62.3\% | \$1,945 | \$2,500 | 0.77x | 0.73x | 6.2x | 5.6x | 10.6\% |

## I. Public Retailer Valuations (cont'd)

| (\$ in millions, except per share data) | Stock <br> Price 31-Dec-17 | 1 Yr <br> Stock Perf. | \% of 52 Wk High | Market Value | Enterprise Value | Enterprise Value as a Multiple of |  |  |  | 2017E |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Revenue |  | EBITDA |  | EBITDA |
|  |  |  |  |  |  | 2017E | 2018E | 2017E | 2018E | Margin |
| Men's Retail |  |  |  |  |  |  |  |  |  |  |
| Tailored Brands, Inc. | \$21.83 | (10.1\%) | 83.3\% | \$1,075 | \$2,425 | $0.75 x$ | $0.75 x$ | $6.8 x$ | $6.8 x$ | 11.0\% |
| Destination XL Group, Inc. | 2.20 | (48.2\%) | 51.2\% | 107 | 183 | 0.39x | 0.37x | $9.7 x$ | 5.0x | 4.0\% |
| Median |  | (29.1\%) | 67.2\% | \$591 | \$1,304 | 0.57x | 0.56x | 8.3 x | 5.9x | 7.5\% |
| Mean |  | (29.1\%) | 67.2\% | \$591 | \$1,304 | 0.57x | 0.56x | $8.3 x$ | 5.9x | 7.5\% |

## Kids/Tween Retail

| Carter's, Inc. | \$117.49 | 38.3\% | 98.8\% | \$5,560 | \$6,142 | 1.81x | 1.71x | 11.8x | $11.2 x$ | 15.3\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| The Children's Place, Inc. | 145.35 | 46.0\% | 98.5\% | 2,528 | 2,312 | 1.24x | 1.22x | 9.1 x | $8.5 x$ | 13.5\% |
| Median |  | 42.1\% | 98.7\% | \$4,044 | \$4,227 | 1.52x | 1.46x | 10.5x | 9.9x | 14.4\% |
| Mean |  | 42.1\% | 98.7\% | \$4,044 | \$4,227 | 1.52x | 1.46x | 10.5x | 9.9x | 14.4\% |

## Footwear Retailers

| Foot Locker, Inc. | \$46.88 | (32.3\%) | 60.2\% | \$5,682 | \$4,918 | 0.63x | 0.64x | 5.1x | 5.3x | 12.3\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Caleres, Inc. | 33.48 | 3.0\% | 97.5\% | 1,439 | 1,626 | 0.59x | 0.57x | 7.9x | 7.4x | 7.5\% |
| DSW Inc. | 21.41 | (1.5\%) | 93.2\% | 1,713 | 1,383 | 0.49x | 0.49x | $5.2 x$ | 5.0x | 9.5\% |
| Genesco Inc. | 32.50 | (47.7\%) | 49.5\% | 647 | 823 | 0.29x | 0.29x | 4.8x | 4.7 x | 6.0\% |
| Boot Barn Holdings, Inc. | 16.61 | 32.7\% | 93.9\% | 443 | 681 | 1.02x | 0.95x | 11.1 x | 9.8 x | 9.1\% |
| Shoe Carnival, Inc. | 26.75 | 0.4\% | 94.3\% | 453 | 432 | 0.42x | 0.43x | $6.8 x$ | 6.6x | 6.2\% |
| The Finish Line, Inc. | 14.53 | (19.9\%) | 76.0\% | 586 | 509 | 0.28x | 0.28x | 5.0x | 5.7x | 5.6\% |
| Median |  | (1.5\%) | 93.2\% | \$647 | \$823 | 0.49x | 0.49x | 5.2x | 5.7x | 7.5\% |
| Mean |  | (9.3\%) | 80.7\% | \$1,566 | \$1,482 | 0.53x | 0.52x | 6.5x | $6.4 x$ | 8.0\% |

Sporting Goods Retailers

| Dick's Sporting Goods, Inc. | \$28.74 | (44.8\%) | 51.1\% | \$3,087 | \$3,496 | 0.40x | 0.40x | 4.7x | 5.3x | 8.7\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Hibbett Sports, Inc. | 20.40 | (45.3\%) | 52.7\% | 389 | 334 | 0.35x | 0.35x | $4.5 x$ | 4.6x | 7.8\% |
| Big 5 Sporting Goods Corporation | 7.60 | (53.4\%) | 43.4\% | 163 | 209 | 0.21x | 0.20x | 4.7x | 4.7x | 4.4\% |
| Median |  | (45.3\%) | 51.1\% | \$389 | \$334 | 0.35x | 0.35x | 4.7x | 4.7x | 7.8\% |
| Mean |  | (47.8\%) | 49.1\% | \$1,213 | \$1,346 | 0.32x | 0.32x | 4.6x | 4.9x | 7.0\% |

## I. Public Retailer Valuations (cont'd)

| (\$ in millions, except per share data) | Stock <br> Price 31-Dec-17 | 1 Yr <br> Stock Perf. | \% of 52 Wk High | Market Value | Enterprise Value | Enterprise Value as a Multiple of |  |  |  | 2017E |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Revenue |  | EBITDA |  | EBITDA |
|  |  |  |  |  |  | 2017E | 2018E | 2017E | 2018E | Margin |
| Department Stores |  |  |  |  |  |  |  |  |  |  |
| Macy's, Inc. | \$25.19 | (25.3\%) | 69.2\% | \$7,672 | \$13,450 | 0.54x | 0.56x | 4.5 x | $5.3 x$ | 12.1\% |
| Kohl's Corporation | 54.23 | 15.7\% | 94.7\% | 9,111 | 12,924 | 0.68x | 0.68x | 5.5 x | 5.6x | 12.3\% |
| Nordstrom, Inc. | 47.38 | 2.3\% | 94.2\% | 7,893 | 9,959 | 0.65x | 0.64x | $6.2 x$ | $6.3 x$ | 10.4\% |
| Hudson's Bay Company | 8.99 | (13.8\%) | 84.0\% | 1,643 | 5,519 | 0.47x | 0.46x | 15.6x | 12.2x | 3.0\% |
| J. C. Penney Company, Inc. | 3.16 | (62.0\%) | 35.9\% | 985 | 5,300 | 0.42x | $0.43 x$ | 5.7x | 5.7 x | 7.5\% |
| Sears Holdings Corporation | 3.58 | (61.5\%) | 25.0\% | 385 | 4,835 | 0.30x | $0.35 x$ | NM | NM | (3.6\%) |
| Dillard's, Inc. | 60.05 | (3.6\%) | 72.0\% | 1,711 | 2,413 | 0.38x | 0.39x | 5.2x | 5.4x | 7.3\% |
| The Bon-Ton Stores, Inc. | 0.34 | (76.7\%) | 22.4\% | 7 | 1,146 | NM | NM | NM | NM | NM |
| Stage Stores, Inc. | 1.68 | (56.2\%) | 36.5\% | 46 | 285 | NM | NM | NM | NM | NM |
| Median |  | (25.3\%) | 69.2\% | \$1,643 | \$5,300 | 0.47x | 0.46x | 5.6x | 5.6x | 7.5\% |
| Mean |  | (31.2\%) | 59.3\% | \$3,272 | \$6,203 | 0.49x | 0.50x | 7.1x | $6.8 x$ | 7.0\% |

## Off-Price Retail

| The TJX Companies, Inc. | \$76.46 | 3.5\% | 94.5\% | \$48,346 | \$47,700 | 1.34x | 1.27x | 9.9x | 9.6x | 13.5\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Ross Stores, Inc. | 80.25 | 23.5\% | 98.5\% | 30,667 | 29,919 | $2.13 x$ | 2.03x | 12.7x | 12.1x | 16.7\% |
| Burlington Stores, Inc. | 123.03 | 45.2\% | 99.3\% | 8,397 | 9,645 | 1.60x | 1.50x | 14.1x | 12.8x | 11.3\% |
| Stein Mart, Inc. | 1.16 | (78.3\%) | 20.6\% | 56 | 193 | NM | NM | NM | NM | NM |
| Median |  | 13.5\% | 96.5\% | \$19,532 | \$19,782 | 1.60x | 1.50x | 12.7x | 12.1x | 13.5\% |
| Mean |  | (1.5\%) | 78.2\% | \$21,866 | \$21,864 | 1.69x | 1.60x | 12.3x | 11.5x | 13.9\% |

## Mass/Club

| Wal-Mart Stores, Inc. | \$98.75 | 46.6\% | 98.6\% | \$292,535 | \$338,550 | 0.68x | 0.66x | 10.2 x | 10.0x | 6.7\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Costco Wholesale Corporation | 186.12 | 22.4\% | 95.3\% | 81,726 | 81,597 | 0.61x | 0.58x | 14.5x | 13.6x | 4.2\% |
| Target Corporation | 65.25 | (5.8\%) | 87.9\% | 35,468 | 45,374 | 0.63x | 0.63x | $6.9 x$ | $6.8 x$ | 9.2\% |
| Big Lots, Inc. | 56.15 | 14.1\% | 93.3\% | 2,360 | 2,674 | 0.51x | 0.51x | $6.4 x$ | $6.4 x$ | 7.9\% |
| Median |  | 18.2\% | 94.3\% | \$58,597 | \$63,486 | 0.62x | 0.61x | 8.5x | 8.4x | 7.3\% |
| Mean |  | 19.3\% | 93.8\% | \$103,022 | \$117,049 | 0.61x | 0.60x | 9.5x | 9.2 x | 7.0\% |

## I. Public Retailer Valuations (cont'd)

| (\$ in millions, except per share data) | Stock <br> Price 31-Dec-17 | 1 Yr <br> Stock Perf. | \% of 52 Wk High | Market Value | Enterprise Value | Enterprise Value as a Multiple of |  |  |  | $\frac{\text { 2017E }}{\text { EBITDA }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Revenue |  | EBITDA |  |  |
|  |  |  |  |  |  | 2017E | 2018E | 2017E | 2018E | Margin |
| Online Retail |  |  |  |  |  |  |  |  |  |  |
| Amazon.com, Inc. | \$1,169.47 | 56.0\% | 96.4\% | \$563,535 | \$582,411 | 3.29 x | 2.54 x | NM | 22.6x | 10.8\% |
| Alibaba Group Holding Limited | 172.43 | 96.4\% | 89.9\% | 442,426 | 438,165 | NM | NM | 28.1x | 20.1 x | 45.4\% |
| eBay Inc. | 37.74 | 27.1\% | 96.1\% | 39,422 | 43,390 | 4.54x | 4.22x | 12.6x | 11.6x | 35.9\% |
| Rakuten, Inc. | 9.17 | (9.5\%) | 73.4\% | 12,399 | 15,282 | $1.83 x$ | 1.60x | 8.9x | 9.1x | 20.6\% |
| Zalando SE | 52.97 | 21.6\% | 94.9\% | 13,102 | 11,698 | $2.17 x$ | $1.70 x$ | NM | 27.3x | 6.0\% |
| Wayfair Inc. | 80.27 | 129.0\% | 95.3\% | 7,050 | 6,850 | 1.48 x | $1.15 x$ | NM | NM | (1.6\%) |
| ASOS Plc | 90.76 | 35.3\% | 99.9\% | 7,560 | 7,343 | $2.64 x$ | 1.99x | NM | 28.7x | 6.5\% |
| YOOX Net-A-Porter Group S.p.A. | 34.97 | 8.1\% | 84.4\% | 4,687 | 4,630 | 1.84x | 1.53x | 22.7x | 17.2x | 8.1\% |
| boohoo.com plc | 2.55 | 39.9\% | 57.3\% | 2,921 | 2,767 | $4.13 x$ | 2.68 x | NM | 28.8x | 9.8\% |
| Overstock.com, Inc. | 63.90 | 265.1\% | 77.3\% | 1,599 | 1,559 | 0.86x | 0.84x | NM | NM | 0.4\% |
| Median |  | 37.6\% | 92.4\% | \$9,979 | \$9,521 | 2.17x | 1.70x | 17.7x | 21.3x | 8.9\% |
| Mean |  | 66.9\% | 86.5\% | \$109,470 | \$111,410 | 2.53x | 2.03x | 18.1x | 20.7x | 14.2\% |

## Historical Public Apparel Trends

Enterprise Value as a Multiple of EBITDA(1)


## Historical Public Retailer Trends

Enterprise Value as a Multiple of EBITDA ${ }^{(1)}$


## Selected Duff \& Phelps' Apparel and Accessories Transactions



Transaction Advisory
Robart Grachan
has received a significant
investment from
橓 Tengram Capital Partners

Financial and tax due diligence


Sell Side Advisor

## anchorblue

has been acquired by

Sun Capital. Partners, Inc.
Sell Side Advisor

| LBH Luxury brand holoings |
| :--- |
| has been acquired by |
| DR Capital |

Solvency Opinion

## Talbots

a portfolio company of

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## About Duff \& Phelps

Duff \& Phelps is the premier global valuation and corporate finance advisor with expertise in complex valuation, disputes and investigations, M\&A, real estate, restructuring, and compliance and regulatory consulting. The firm's more than 2,000 employees serve a diverse range of clients from offices around the world.

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[^0]:    Source: SEC filings, S\&P Global Market Intelligence, Mergermarket, company press releases and

