Apparel Quarterly Update

Winter 2018

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

Our Team

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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.



2017 - A Year In Review

Summary

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 closures⁴, 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 opportunity⁵.

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



Stocks continued to climb, with the S&P 500 increasing by 19.4%

U.S. retail sales grew by 4.2%

Transaction value for Apparel M&A exceeded \$5.0 billion, up 32% year-over-year

Valuations increased as EBITDA multiples for Branded Apparel and Fashion grew by 1.9x

Trends and Insights



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.



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 purchases⁸ and 50% of millennials prefer going to stores⁹



86% of all millennials use their phones while shopping in stores¹⁰

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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 $\rm times^{11}$



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



86% of shoppers like "experience stores," where they can test products in the store but buy via mobile or online¹³

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.



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 201814

85% of retail customer interaction will be managed and tracked by Artificial Intelligence by 2020¹⁵

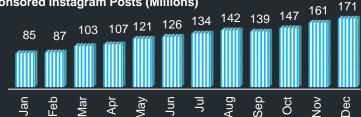
Versace targeted and scored website visitors in real time based on their purchases, yielding a 35% increase in online sales and a 300% increase in average order value¹⁶

Content is King

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 marketing¹⁸

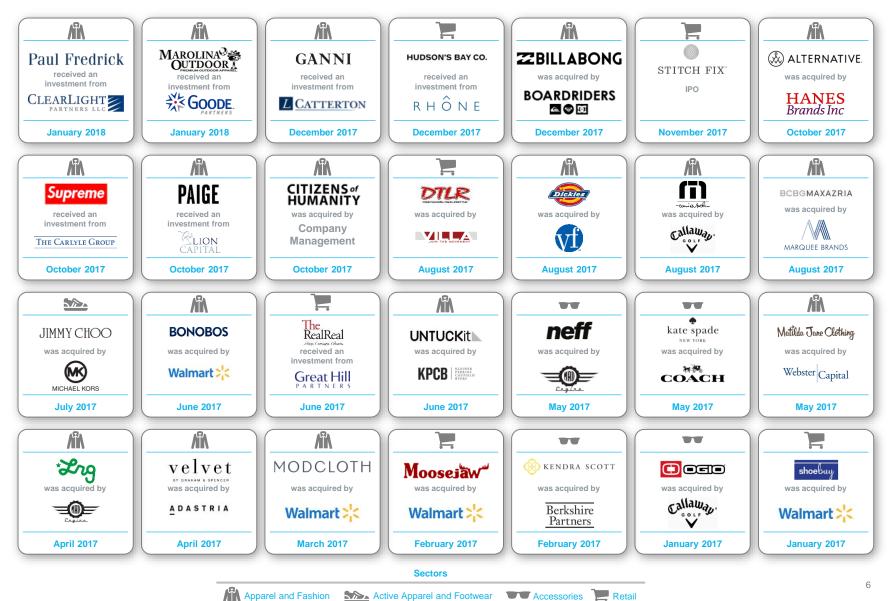


54% of consumers would consider ending their relationship with a retailer if they are not given tailor-made and relevant content¹⁹



72% of millennials report buying fashion and beauty products based on Instagram posts²⁰

Recent Apparel M&A Transaction Activity



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
- While its long-term strategy remains unclear, these acquisitions provide access to high-profit categories, new customer demographics and more affluent shoppers
- By leveraging its massive brick-and-mortar store base, Walmart will be able to significantly drive sales growth further enhancing its omni-channel strategy

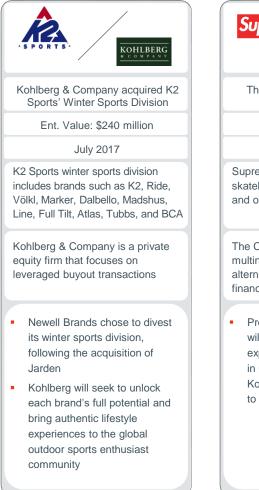
Mono	-Brand	Multi-	Brand	Marketplace
MODCLOTH	BONOBOS	shoebuy	Moosejäw	jet
Online retailer of indie and vintage-inspired women's clothing	High-end, online, men's clothing brand	Online retailer of footwear, clothing and accessories	Online retailer of outdoor recreation apparel and gear	Online shopping marketplace
Ent. Value: \$50 million	Ent. Value: \$310 million	Ent. Value: \$70 million	Ent. Value: \$51 million	Ent. Value: \$3.3 billion
March 2017	June 2017	January 2017	February 2017	August 2016
 Walmart will leverage ModCloth's fun and expressive style and tight customer community to build a strong millennial customer base 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 Bonobos' team will help shape Walmart online, especially in leading its collection of exclusive online brands 	 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 	 Like ModCloth, Moosejaw has a strong millennial customer base that Walmart hopes to absorb Walmart gains the experience of another well-established e- commerce player, this time in the active outdoor category 	This deal combines Walmart's retail expertise, purchasing scale, sourcing capabilities, distribution footprint, and digital assets with Jet.com's team, technology and business

Source: SEC filings, S&P Global Market Intelligence, Mergermarket, company press releases and various news sources (e.g., The Deal, The Wall Street Journal)

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





BOARDRIDERS (A \) 10 Billabong International was acquired by Boardriders Ent. Value: \$227 million December 2017 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 The transaction creates the world's leading action sports company, generating combined revenue of over \$2 billion

 The transaction is expected to engender deeper partnerships with customers and suppliers and streamline operations with synergies of \$50 million to \$100 million

Source: SEC filings, S&P Global Market Intelligence, Mergermarket, company press releases and 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-year²¹
- The over-stored retail industry continues to streamline its store • base with an emphasis on online sales growth
 - After closing 7,000 stores in 2017⁴, 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 ٠ 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 ٠ 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

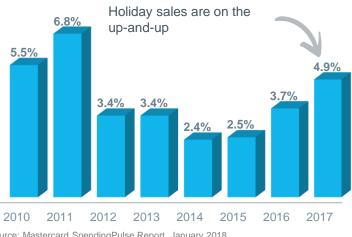
See page 25 for data sources

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.



Indexed Stock Price Performance





Source: Mastercard SpendingPulse Report. January 2018.

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.

		Year-Over-Year	Revenue Growth		EBITDA Margin	
		2017E	2018E	2017E	2017E Change	2018E Change
ل ه	Active	8.8%	9.6%	16.3%	(0.8%)	0.7%
Apparel	Contemporary	12.0%	7.0%	6.6%	0.5%	0.7%
dd	Basic	5.9%	5.1%	13.2%	(0.0%)	0.5%
	Diversified	0.9%	3.9%	12.7%	0.1%	0.2%
sal	Accessories	6.4%	7.3%	17.8%	(1.1%)	0.2%
Wholesale	Footwear	9.5%	5.8%	10.8%	0.8%	1.0%
/hc	Luxury	18.6%	7.6%	23.4%	0.7%	0.5%
5	Total	8.9%	6.6%	14.4%	0.0%	0.5%
	Contemporary	3.6%	3.4%	11.8%	(0.6%)	0.4%
	Women's	(5.2%)	1.5%	10.6%	(1.8%)	0.8%
	Men's	(0.2%)	2.8%	7.5%	(1.1%)	1.7%
	Kids/Tween	5.6%	3.5%	14.4%	0.5%	0.4%
tai	Footwear	2.7%	1.3%	8.0%	(0.9%)	0.0%
Retail	Department Stores	(3.0%)	(2.3%)	7.0%	(0.5%)	(0.8%)
	Off-Price	8.3%	5.6%	13.9%	0.4%	0.1%
	Sporting Goods	2.3%	1.0%	7.0%	(1.9%)	(0.5%)
	Mass/Club	4.6%	2.1%	7.0%	(0.2%)	0.0%
	Total	2.1%	2.1%	9.7%	(0.7%)	0.2%
	Online Retail	37.4%	26.4%	14.2%	(0.1%)	(0.2%)

Valuation Benchmarking

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

				Enterpris	se Value /	1 Y	r. Change in	Enterprise	Value /
		1 Year S	Stock Perf.	Revenue	EBITDA	Revenue		E	BITDA
	Active		18.0%	2.15x	17.2x	(0.00x)			2.7x
Apparel	Contemporary	(3.6%)		0.70x	10.4x		0.11x		2.7x
pp	Basic		6.3%	1.49x	10.7x		0.01x	(0.2x)	
	Diversified		28.1%	1.43x	10.7x		0.01x		1.5x
Branded	Accessories	(1.5%)		1.90x	10.2x		0.07x		0.6x
anc	Footwear		38.6%	1.46x	13.4x		0.07x		0.9x
B	Luxury		35.4%	2.68x	12.3x		0.21x		1.6x
	Total		17.4%	1.69x	12.1x		0.07x		1.4x
	Contemporary		28.7%	1.28x	9.0x		0.02x		1.5x
	Women's	(26.4%)		0.77x	6.2x	(0.08x)		(1.1x)	
	Men's	(29.1%)		0.57x	8.3x		0.01x	(0.4x)	
	Kids/Tween		42.1%	1.52x	10.5x		0.01x		2.1x
Retail	Footwear	(9.3%)		0.53x	6.5x	(0.01x)		(0.7x)	
Re	Department Stores	(31.2%)		0.49x	7.1x	(0.05x)			0.3x
	Off-Price	(1.5%)		1.69x	12.3x		0.00x		0.5x
	Sporting Goods	(47.8%)		0.32x	4.6x	(0.02x)		(2.9x)	
	Mass/Club		19.3%	0.61x	9.5x		0.05x		0.6x
	Total	(6.1%)		0.87x	8.2x	(0.01x)		(0.0x)	
	Online Retail		66.9%	2.53x	18.1x		0.10x		0.8x

Public Apparel and Fashion Valuations

(\$ in millions, except per share data) Stock Enterprise Value as a			as a Multiple of	f	2017E					
	Price	1 Yr	% of	Market	Enterprise	Reve	enue	EBIT	DA	EBITDA
	31-Dec-17	Stock Perf.	52 Wk High	Value	Value	2017E	2018E	2017E	2018E	Margin
Active Apparel										
NIKE, Inc.	\$62.55	24.7%	96.0%	\$102,051	\$100,373	2.89x	2.71x	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	14.3x	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	6.9x	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	1.74x	1.69x	10.7x	10.2x	16.3%
Gildan Activewear Inc.	32.38	20.7%	96.3%	7,098	7,724	2.83x	2.69x	13.3x	12.4x	21.3%
Delta Galil Industries Ltd.	34.38	7.5%	96.4%	874	1,065	0.78x	0.72x	9.2x	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	2.65x	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	1.24x	1.26x	8.0x	8.5x	15.5%
Oxford Industries, Inc.	75.19	27.4%	98.3%	1,266	1,332	1.23x	1.18x	9.6x	8.9x	12.8%
Perry Ellis International, Inc.	25.04	0.5%	96.3%	392	431	0.49x	0.48x	7.2x	6.7x	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					E	nterprise Value	as a Multiple of	F	2017E
	Price	1 Yr	% of	Market	Enterprise	Reve	nue	EBIT	DA	EBITDA
	31-Dec-17	Stock Perf.	52 Wk High	Value	Value	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	1.18x	12.1x	9.7x	10.9%
Wolverine World Wide, Inc.	31.88	46.5%	99.5%	3,050	3,513	1.49x	1.53x	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	1.38x	1.36x	10.4x	9.4x	13.3%
Caleres, Inc.	33.48	3.0%	97.5%	1,439	1,626	0.59x	0.57x	7.9x	7.4x	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)	Stock					E	nterprise Value	as a Multiple of	F	2017E
	Price	1 Yr	% of	Market	Enterprise	Reve	nue	EBIT	DA	EBITDA
	31-Dec-17	Stock Perf.	52 Wk High	Value	Value	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	2.45x	2.22x	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 A/S	108.94	(22.9%)	72.4%	11,942	12,879	3.50x	3.09x	9.4x	8.7x	37.4%
Michael Kors Holdings Limited	62.95	46.5%	97.9%	9,573	9,395	2.07x	1.93x	9.4x	9.2x	22.1%
Fossil Group, Inc.	7.77	(70.0%)	28.4%	377	706	0.26x	0.26x	7.3x	6.2x	3.5%
Movado Group, Inc.	32.20	14.3%	95.5%	739	613	1.11x	1.07x	8.6x	8.5x	13.0%
Safilo Group S.p.A.	5.72	(40.1%)	56.8%	359	494	0.39x	0.36x	8.1x	6.5x	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					Enterprise Value as a Multiple of				2017E
	Price	1 Yr	% of	Market	Enterprise	Reve	nue	EBIT	DA	EBITDA
	31-Dec-17	Stock Perf.	52 Wk High	Value	Value	2017E	2018E	2017E	2018E	Margin
Luxury										
LVMH Moët Hennessy Louis Vuitton S.E.	\$294.67	37.9%	94.2%	\$147,919	\$154,594	3.02x	2.76x	12.3x	11.1x	24.6%
Christian Dior SE	365.69	54.6%	97.3%	65,701	94,371	1.82x	1.70x	8.0x	7.0x	22.6%
Kering SA	471.90	87.5%	96.2%	59,590	65,875	3.57x	3.24x	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	3.15x	14.7x	12.7x	23.4%
Tiffany & Co.	103.95	37.1%	98.3%	12,919	12,997	3.13x	2.98x	12.9x	12.6x	24.4%
Burberry Group plc	24.22	22.6%	88.5%	10,153	9,276	2.49x	2.38x	11.4x	10.8x	21.9%
Hugo Boss AG	86.12	28.8%	88.9%	5,943	6,124	1.87x	1.75x	10.2x	9.4x	18.3%
TOD'S S.p.A.	73.13	1.2%	82.5%	2,420	2,470	2.13x	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%

Public Retailer Valuations

(\$ in millions, except per share data)	Stock					E	2017E			
	Price	1 Yr	% of	Market	Enterprise	Reve	nue	EBIT	DA	EBITDA
	31-Dec-17	Stock Perf.	52 Wk High	Value	Value	2017E	2018E	2017E	2018E	Margin
Contemporary Retail										
The Gap, Inc.	\$34.06	56.1%	96.7%	\$13,244	\$13,139	0.84x	0.84x	6.8x	6.9x	12.3%
Lululemon Athletica Inc.	78.59	20.9%	98.1%	10,640	9,989	3.80x	3.41x	17.1x	14.8x	22.2%
Urban Outfitters, Inc.	35.06	23.1%	97.8%	3,795	3,467	0.96x	0.93x	8.4x	8.1x	11.4%
Guess?, Inc.	16.88	49.2%	92.2%	1,389	1,216	0.52x	0.50x	8.3x	6.9x	6.3%
Express, Inc.	10.15	(5.7%)	86.8%	780	649	0.30x	0.31x	4.5x	4.2x	6.8%
Median		23.1%	96.7%	\$3,795	\$3,467	0.84x	0.84x	8.3x	6.9x	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	1.76x	1.73x	9.7x	9.7x	18.1%
Ascena Retail Group, Inc.	2.35	(62.0%)	35.6%	450	1,692	0.26x	0.28x	3.3x	3.2x	7.8%
Aritzia Inc.	10.12	(27.5%)	69.2%	1,126	1,188	2.13x	1.76x	12.1x	9.7x	17.6%
Chico's FAS, Inc.	8.82	(36.6%)	56.9%	1,127	1,014	0.45x	0.46x	4.3x	4.5x	10.3%
J.Jill, Inc.	7.80	0.0%	54.2%	341	562	0.82x	0.77x	5.2x	5.0x	15.6%
Vera Bradley, Inc.	12.18	3.9%	94.9%	432	339	0.75x	0.82x	6.3x	7.3x	11.8%
Francesca's Holdings Corporation	7.31	(59.5%)	37.5%	264	245	0.52x	0.49x	4.3x	3.6x	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%

Public Retailer Valuations (cont'd)

(\$ in millions, except per share data)	Stock					E	2017E			
	Price	1 Yr	% of	Market	Enterprise	Reve	enue	EBI	ГDA	EBITDA
	31-Dec-17	Stock Perf.	52 Wk High	Value	Value	2017E	2018E	2017E	2018E	Margin
Men's Retail										
Tailored Brands, Inc.	\$21.83	(10.1%)	83.3%	\$1,075	\$2,425	0.75x	0.75x	6.8x	6.8x	11.0%
Destination XL Group, Inc.	2.20	(48.2%)	51.2%	107	183	0.39x	0.37x	9.7x	5.0x	4.0%
Median		(29.1%)	67.2%	\$591	\$1,304	0.57x	0.56x	8.3x	5.9x	7.5%
Mean		(29.1%)	67.2%	\$591	\$1,304	0.57x	0.56x	8.3x	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	11.2x	15.3%
The Children's Place, Inc.	145.35	46.0%	98.5%	2,528	2,312	1.24x	1.22x	9.1x	8.5x	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	5.2x	5.0x	9.5%
Genesco Inc.	32.50	(47.7%)	49.5%	647	823	0.29x	0.29x	4.8x	4.7x	6.0%
Boot Barn Holdings, Inc.	16.61	32.7%	93.9%	443	681	1.02x	0.95x	11.1x	9.8x	9.1%
Shoe Carnival, Inc.	26.75	0.4%	94.3%	453	432	0.42x	0.43x	6.8x	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	6.4x	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	4.5x	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%

Public Retailer Valuations (cont'd)

(\$ in millions, except per share data)	except per share data) Stock Enterprise Value as a Multiple of 201				2017E					
	Price	1 Yr	% of	Market	Enterprise	Reve	nue	EBIT	DA	EBITDA
	31-Dec-17	Stock Perf.	52 Wk High	Value	Value	2017E	2018E	2017E	2018E	Margin
Department Stores										
Macy's, Inc.	\$25.19	(25.3%)	69.2%	\$7,672	\$13,450	0.54x	0.56x	4.5x	5.3x	12.1%
Kohl's Corporation	54.23	15.7%	94.7%	9,111	12,924	0.68x	0.68x	5.5x	5.6x	12.3%
Nordstrom, Inc.	47.38	2.3%	94.2%	7,893	9,959	0.65x	0.64x	6.2x	6.3x	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	0.43x	5.7x	5.7x	7.5%
Sears Holdings Corporation	3.58	(61.5%)	25.0%	385	4,835	0.30x	0.35x	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	6.8x	7.0%
Off-Price Retail		0.5%	o 1 = 0/	* 10 0 10	A 17 700		4.07			40.504
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	2.13x	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	10.2x	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	6.9x	6.8x	9.2%
Big Lots, Inc.	56.15	14.1%	93.3%	2,360	2,674	0.51x	0.51x	6.4x	6.4x	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	9.2x	7.0%

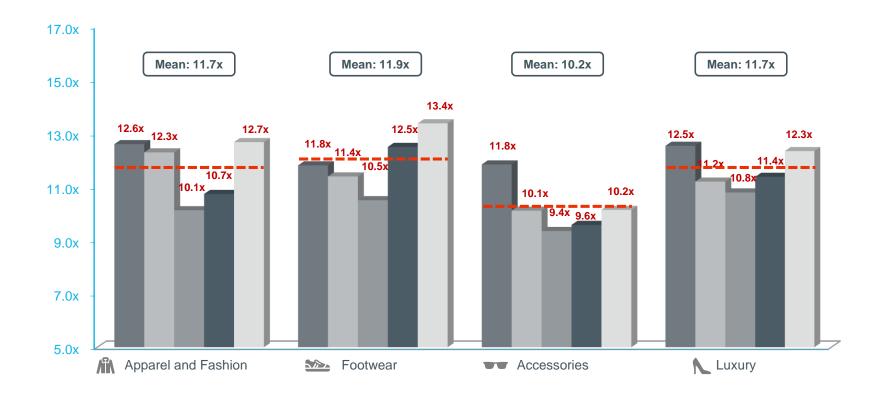
Public Retailer Valuations (cont'd)

(\$ in millions, except per share data)	Stock					Enterprise Value as a Multiple of				2017E
	Price	1 Yr	% of	Market	Enterprise	Reve	enue	EBIT	DA	EBITDA
	31-Dec-17	Stock Perf.	52 Wk High	Value	Value	2017E	2018E	2017E	2018E	Margin
Online Retail										
Amazon.com, Inc.	\$1,169.47	56.0%	96.4%	\$563,535	\$582,411	3.29x	2.54x	NM	22.6x	10.8%
Alibaba Group Holding Limited	172.43	96.4%	89.9%	442,426	438,165	NM	NM	28.1x	20.1x	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	1.83x	1.60x	8.9x	9.1x	20.6%
Zalando SE	52.97	21.6%	94.9%	13,102	11,698	2.17x	1.70x	NM	27.3x	6.0%
Wayfair Inc.	80.27	129.0%	95.3%	7,050	6,850	1.48x	1.15x	NM	NM	(1.6%)
ASOS PIC	90.76	35.3%	99.9%	7,560	7,343	2.64x	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	4.13x	2.68x	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⁾

■2013 ■2014 ■2015 ■2016 ■2017



2014 2015

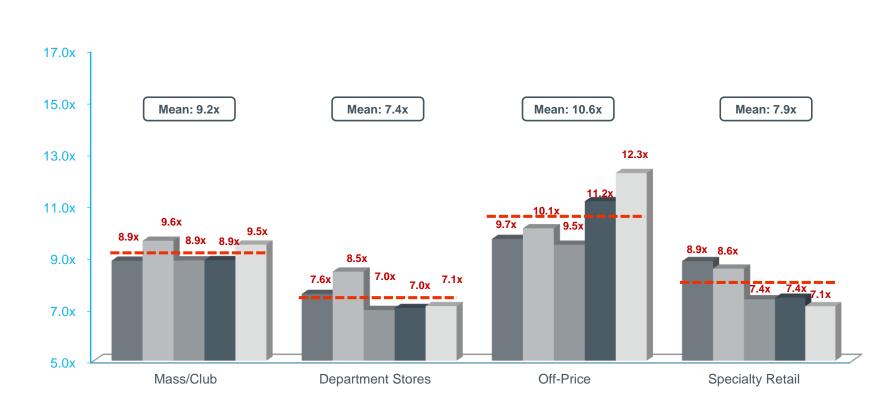
■2016

2017

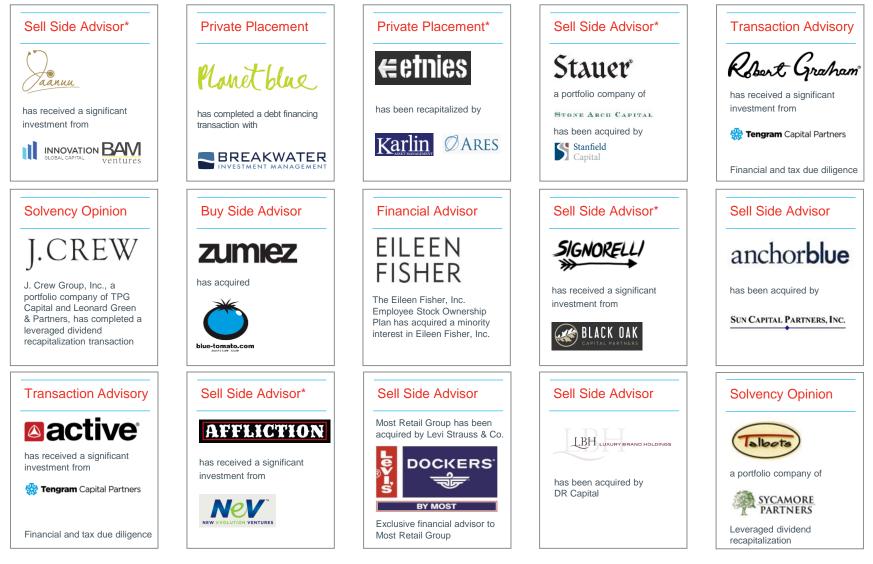
2013

Historical Public Retailer Trends

Enterprise Value as a Multiple of EBITDA⁽¹⁾



Selected Duff & Phelps' Apparel and Accessories Transactions



*Transactions completed by professionals of Duff & Phelps Securities, LLC while at previous firms

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