

Americas: Branded Consumer Goods

Equity Research

What CollegeFashionistas want for Christmas: 2015 Survey Results

Survey of "style gurus" provides insight into holiday shopping

We analyzed the results of CollegeFashionista's Holiday Survey, where 579 "style gurus" answered questions on shopping behavior, top wanted gift items, and favorite brands. We view this fashion-forward, mostly collegeaged, mostly female subset as a leading indicator of trends.

Overall spending intentions healthy but threats to incumbents

Six out of seven respondents plan to spend at least as much as last year. While this suggests a healthy spending backdrop, four out of five respondents plan to shop online, and we believe this shift, along with the relatively low favorability of mature brands, threatens mature incumbents.

Clothing and footwear are top gift categories

The two categories accounted for nearly half of all gift items wanted by respondents. Within clothing, cold-weather items composed half of responses, while boots, particularly "over-the-knee" styles, stood out. Outside these top categories, cameras accounted for one-third of electronics requests, which totaled 12% of overall requests.

Mismatch between favorite and largest brands

We observed a mildly inverse relationship between store count and favorability among top clothing brands. Of the top 10 favorite apparel brands, six operate less than 200 North American stores, and one, ASOS, operates none. Adidas, Urban Outfitters, and Zara emerged as brands with positive momentum from back-to-school.

Brand callouts and stock implications

ITX.MC (CL-Buy), URBN (Buy): Within apparel, Zara and Urban Outfitters had particularly strong momentum in favorability versus our BTS survey. AEO, ANF, EXPR (Sell): These brands have very large store footprints, but lag URBN, fast fashion, and European competitors in brand favorability. **EL** (Buy): Continues to outshine peers in prestige beauty. MAC showed well coming in at the top of respondents' favorite cosmetic brands. NKE (Buy), ADSGn.DE (Neutral): NIKE is the most loved brand by far, and Adidas is showing good momentum in brand affinity.

COH (Sell): Brand favorability sequentially improved but still trails KATE, KORS by a wide margin.

RELATED RESEARCH

11/16/2015: The 2015 Teen Vogue-Goldman Sachs LOVE

Lindsay Drucker Mann, CFA (212) 357-4993 lindsay.mann@gs.com Goldman, Sachs & Co.

Bill Schultz

[212] 902-0044 bill.schultz@gs.com Goldman, Sachs & Co.

Edward McLaughlin edward.mclaughlin@gs.com Goldman, Sachs & Co.

Richard Edwards +44(20)7051-6016 richard.edwards@gs.com Goldman Sachs International Goldman Sachs does and seeks to do business with companies covered in its research reports. As a result, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision. For Reg AC certification and other important disclosures, see the Disclosure Appendix, or go to www.gs.com/research/hedge.html. Analysts employed by non-US affiliates are not registered/qualified as research analysts with FINRA in the U.S.



Holiday survey offers insight into shopping intentions of key demo

We analyzed the results of CollegeFashionista's Holiday Survey to gain insight into the shopping intentions of CF's "style guru" community. We view this fashion-forward, mostly college-aged, and mostly female subset as a key leading indicator of apparel and accessories industry trends because of their outsized influence on peers and early adoption of emerging trends. A total of 579 respondents (98% female) participated in the survey. Key takeaways include the following:

- 1. Overall spending plans suggest healthy backdrop to holiday sales, but channel and brand shifts pose threats to incumbents: Six out of seven respondents plan to spend at least as much this holiday season as last year, but we expect market share shifts to be overriding factors. The continued shift of business online and the relatively high brand favorability of less developed concepts suggest that mature incumbents with large mall-based fleets face a greater challenge defending market share. This has negative implications long-term to Sell-rated AEO, ANF, and EXPR, in our view.
- 2. Clothing and footwear compose nearly half of wanted gifts. CF asked 579 of its style gurus to list the top three gifts they want this holiday season, and we analyzed the results to identify key items. Top subcategories include cold-weather apparel (13% of responses), boots and booties (12%), and handbags (8%). Cameras (4.2%) and "over the knee" boots (1.7%) stood out as trending categories. Respondents were more likely to specify a brand when requesting accessories (48% of the time) compared to requests for clothing (20%), which to us reaffirms the notion that brand names carry less weight in apparel but still matter in accessory categories.
- 3. Mismatch between favorite and largest brands. Of the top ten favorite clothing brands, six operate less than 200 North American stores and none operate more than 700. In particular, Urban Outfitters and Zara showed strong brand momentum compared to the back-to-school survey results (see CollegeFashionista schools us on the top apparel brands published 8/25/2015). Five of the six largest apparel brands under our coverage (targeting the style guru demographic and measured by store count) failed to make the top ten favorite brands list.

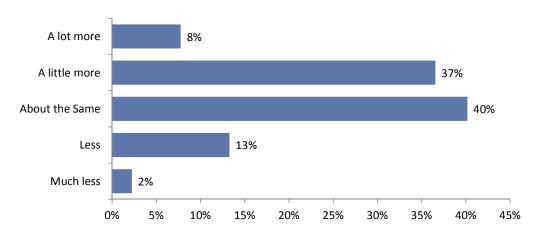
Shopping behavior analysis

Spending backdrop appears healthy. Nearly half of respondents expect to spend more this holiday season versus last year. Less than one out of six planned to spend less (Exhibit 1). This suggests a positive backdrop for holiday sales, but we expect category and brand share shifts to be overriding factors and see several apparel retailers at risk (Sell AEO, ANF, EXPR).



Exhibit 1: Nearly half of respondents expect to spend more than last year; only 15% reported plans to spend less

Distribution of responses to "Please rate your planned spending level for this shopping season."

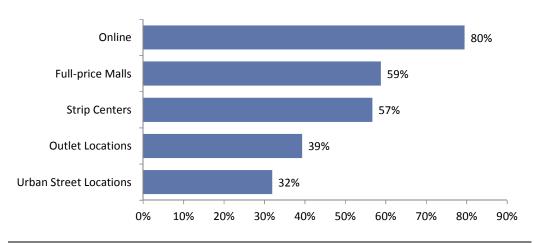


Source: CollegeFashionista, Goldman Sachs Global Investment Research

Online is most popular shopping channel. Four out of five respondents plan to complete at least some of their holiday shopping online. This compares to three out of five planning to shop in a traditional full-price mall (Exhibit 2). We expect online penetration to continue to grow and present both a challenge to brands with large, mall-based store fleets and an opportunity for brands that can execute well online.

Exhibit 2: Only 59% of respondents plan to shop in a full-price mall compared to 80% who plan to shop online

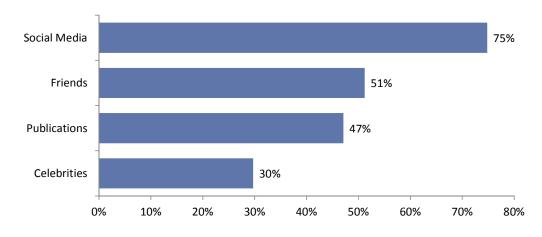
Percentage of respondents who plan to shop through each channel



Source: CollegeFashionista, Goldman Sachs Global Investment Research

Social media influences three out of four respondents. This represents a greater influence than friends, publications, and celebrities and suggests the powerful influence of engaged individuals, such as CF's style gurus, online (Exhibit 3). This also suggests the speed at which trends may change and the importance of retailers developing digital strategies.

Exhibit 3: Social media influences buying decisions of 3 out of 4 respondents Percentage of respondents influenced by the following factors



Source: CollegeFashionista, Goldman Sachs Global Investment Research

What's on her wish list

Clothing and footwear are top two categories. CF asked 579 of its style gurus to list the top three gifts they want this holiday season, and we analyzed the results to identify key categories and items (Exhibit 4). The clothing and footwear categories accounted for nearly half of total responses. In clothing, cold-weather subcategories – such as outerwear, sweaters, scarves, hats, and gloves – combined comprised 13% of all wanted items and half of wanted apparel items. In footwear, boots, particularly "over the knee" styles, stood out as a dominant subcategory. Together, boots and booties represented 12% of wanted items (Exhibits 5-7).

Cameras, Adidas footwear are notable standouts. Outside of apparel and footwear, electronics accounted for 12% of responses, and cameras stood out as a disproportionate request. Adidas footwear also showed surprising strength; specific requests for Adidas roughly doubled Nike requests. See Exhibit 5 and the appendix for a list of most wanted gifts by category, subcategory, or brand.

Exhibit 4: Clothing is the most popular category for desired gifts

Category breakdown of responses to "What are up to three items you want to get as a gift this holiday season?"

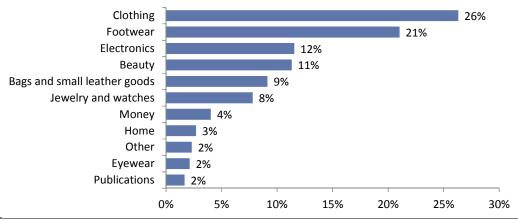


Exhibit 5: These categories and items (not mutually exclusive) topped the list of most wanted holiday gifts

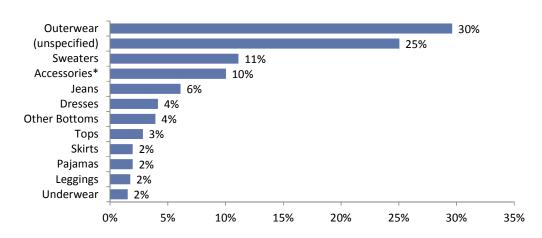
selection of top gift items (see appendix for complete list)

Category/Item	% of responses	Category/Item	% of responses
Boots and booties	11.8%	Booties	2.5%
Handbags	7.9%	Over-the-knee boots	1.7%
Outerwear	7.8%	Adidas footwear	1.1%
Makeup	7.6%	Wearables/Smart Watch	1.1%
Watch/jewelry	6.6%	Kate Spade handbag	0.9%
Camera	4.2%	Michael Kors handbag	0.6%
Sweaters	2.9%	Nike footwear	0.6%

Source: CollegeFashionista, Goldman Sachs Global Investment Research

Exhibit 6: Cold-weather apparel composed nearly half of clothing requests

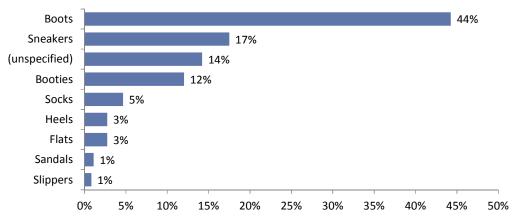
Clothing subcategory breakdown of responses to "What are up to three items you want to get as a gift this holiday season?" *accessories include handbags, jewelry, and others



Source: CollegeFashionista, Goldman Sachs Global Investment Research

Exhibit 7: Boots dominated Footwear requests

Footwear subcategory breakdown of responses to "What are up to three items you want to get as a gift this holiday season?"



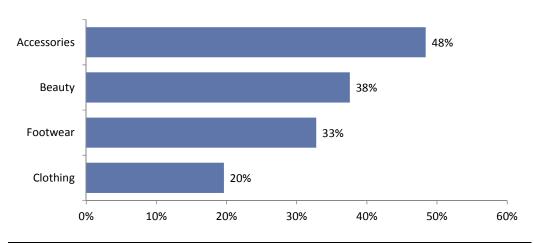


Responses suggest strong brand equity is most critical to accessories brands.

Respondents were most likely to specify a brand when stating an accessories item in response to the question, "What are up to three items you want to get as a gift this holiday season?" Respondents were least likely to specify a brand when stating a clothing item (Exhibit 8). This suggests that brand strength plays a greater role in influencing accessories purchases versus clothing purchases and presents both the opportunity and challenge of leveraging brand equity. Other factors, such as price, likely play a greater role in influencing clothing purchase decisions.

Exhibit 8: Respondents were most likely to specify a brand when requesting Accessories and least likely for Clothing

Percentage of responses to "What are up to three items you want to get as a gift this holiday season?" within each category that specify a brand



Source: CollegeFashionista, Goldman Sachs Global Investment Research

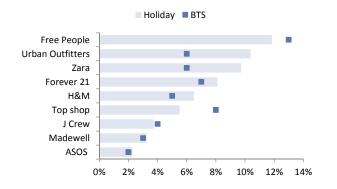
Usual suspects top the lists of favorite brands; Urban Outfitters, Zara, and Adidas show momentum from back-to-school. CF asked 579 of its style gurus to list their favorite brand by category, and we analyzed the results to identify top brands.

- **Clothing:** Urban Outfitters and Zara showed positive momentum from back-to-school. The two brands each represented 10% of respondents' favorite clothing brand. For both brands, this represents a 4pt increase from the 2015 CF back-to-school survey (Exhibit 9). Free People, Forever 21, and H&M maintained their top spots to round out the top 5.
- Athletic: Nike continued to dominate as the favorite athletic brand by capturing nearly half of all responses. Iululemon came in second place, followed by Adidas, which showed significant improvement from back-to-school results (Exhibit 10).
- Handbags: Kate Spade remains the favorite handbag brand of respondents while Michael Kors follows and remains in second place. Combined, the two brands accounted for 31% of respondents' favorite handbag brands (Exhibit 11).
- **Footwear:** Steve Madden dominated the footwear category. Nearly one in four style gurus reported Steve Madden as their favorite footwear brand. Nike came in second place at 7% of responses (Exhibit 12).
- Jewelry and watches: Michael Kors led the jewelry and watch category ahead of Fossil and Kate Spade, coming in at second and third, respectively (Exhibit 13).

• Cosmetics: MAC led the cosmetics category as the favorite brand at 17% of respondents. Urban Decay followed closely behind at 13%. NARS, Benefit, and Sephora each captured at least 5% of responses and rounded out the top 5 (Exhibit 14).

Exhibit 9: Favorite clothing brands

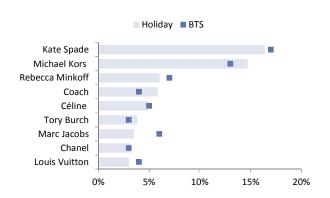
Distribution of favorite clothing brand responses, CF Holiday vs. BTS survey



Source: CollegeFashionista, Goldman Sachs Global Investment Research

Exhibit 11: Favorite handbag brands

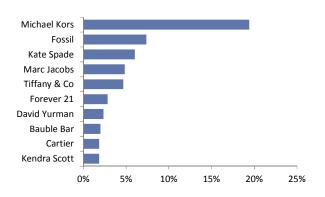
Distribution of favorite handbag brand responses, CF Holiday vs. BTS survey



Source: CollegeFashionista, Goldman Sachs Global Investment Research

Exhibit 13: Favorite jewelry and watches brands

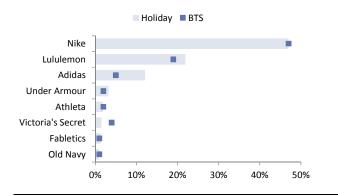
Distribution of favorite jewelry and watches brand responses, CF Holiday survey



Source: CollegeFashionista, Goldman Sachs Global Investment Research

Exhibit 10: Favorite athletic brands

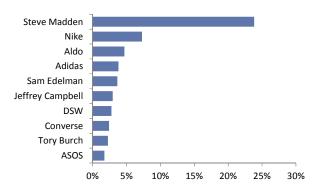
Distribution of favorite athletic brand responses, CF Holiday vs. BTS survey



Source: CollegeFashionista, Goldman Sachs Global Investment Research

Exhibit 12: Favorite footwear brands

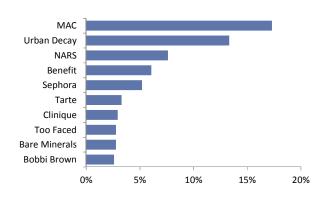
Distribution of favorite footwear brand responses, CF Holiday survey



Source: CollegeFashionista, Goldman Sachs Global Investment Research

Exhibit 14: Favorite cosmetics brands

Distribution of favorite cosmetics brand responses, CF Holiday survey

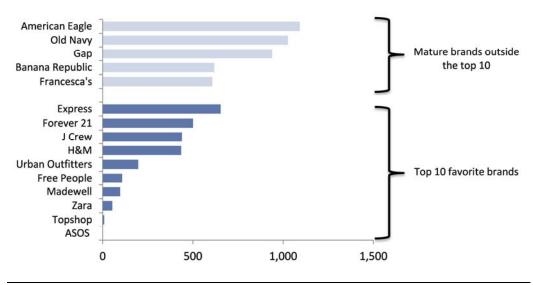




Large brands appear to be punching below their weight. Of the six largest retailers under our coverage (who target the style guru demographic), five failed to make the list of top ten favorite brands. Of the top 10 favorite brands, six operate less than 200 North American stores, and one, ASOS, operates no physical stores. We believe this highlights the competitive threat facing mature, incumbent brands, and believe this competition will intensify as business continues to shift online, where primary competition is no longer limited to neighbors in a mall. Notable companies at risk include Sell-rated AEO, ANF, and EXPR.

Exhibit 15: Mature apparel brands with large store footprints face significant competition from less developed concepts

North American store count (H&M includes South America)





Appendix: Top gift ideas

Exhibit 16: CollegeFashionista's style gurus' holiday wish list by category and brand (continued on next page) season?" (total items = 1,741) distribution of responses to "What are up to three items you wan

Olestein n	20,40/
Clothing Outerwear	26.4% 7.8%
	6.3%
(unspecified)	0.3%
Patagonia	0.3%
Burberry	
J. Crew	0.2%
Zara	0.1%
Barbour	0.1%
VEDA	0.1%
Banana Republic	0.1%
Free People	0.1%
Aritzia	0.1%
The North Face	0.1%
Marc Jacobs	0.1%
Woolrich	0.1%
Abercrombie & Fitch	0.1%
Michael Kors	0.1%
Marmot	0.1%
(unspecified)	6.6%
(unspecified)	5.6%
lululemon	0.3%
Nike	0.1%
Free People	0.1%
Nasty Gal	0.1%
Blackhawks	0.1%
Adidas	0.1%
Club Monaco	0.1%
Topshop	0.1%
Jets	0.1%
Levi's	0.1%
Sweaters	2.9%
(unspecified)	2.3%
Urban Outfitters	0.1%
Patagonia	0.1%
True Grit	0.1%
Aritzia	0.1%
Express	0.1%
Victoria's Secret	0.1%
Free People	0.1%
J. Crew	0.1%
Accessories	2.6%
(unspecified)	2.4%
Topshop	0.1%
Vineyard Vines	0.1%
Chan Luu	0.1%
Louis Vuitton	0.1%
Jeans	1.6%
(unspecified)	1.1%
STS Blue	0.1%
Madewell	0.1%
Levi's	0.1%
Fashion Nova	0.1%
Mother	0.1%
H&M	0.1%
7 For All Mankind	0.1%
Topshop	0.1%
L.L. Bean	0.1%
Dresses	1.1%
(unspecified)	0.9%
Joie	0.9%
Urban Outfitters	0.1%
Free People	0.1%
i ice i cohic	U. 1 /0

hat are up to three it	ems you
Clothing (continued)	26.4%
Other Bottoms	1.0%
(unspecified)	0.6%
Nike	0.1%
REI	0.1%
Mammut	0.1%
Victoria's Secret	0.1%
Givenchy	0.1%
PINK	0.1%
Tops	0.7%
(unspecified)	0.6%
	0.1%
lululemon	
Free People	0.1%
Pajamas	0.5%
(unspecified)	0.3%
J. Crew	0.1%
Victoria's Secret	0.1%
Gooseberry	0.1%
Skirts	0.5%
(unspecified)	0.5%
Leggings	0.5%
(unspecified)	0.2%
lululemon	0.2%
PINK	0.1%
Underwear	0.4%
(unspecified)	0.2%
Calvin Klein	0.1%
Victoria's Secret	0.1%
Aerie	0.1%
Footwear	21.0%
Boots	9.3%
(unspecified)	6.6%
Hunter	0.3%
Sorel	0.3%
Timberland	0.3%
Ugg	0.2%
Steve Madden	0.2%
Dr. Martens	0.2%
Stuart Weitzman	0.1%
Sperry	0.1%
L.L. Bean	
	0.1%
Tretorn	0.1%
Clarks	0.1%
Topshop	0.1%
Vagabond	0.1%
Jeffrey Campbell	0.1%
Free People	0.1%
Frye	0.1%
ASOS	0.1%
Guess	0.1%
UNIF	
Michael Kors Zara	0.1% 0.1%
Modern Vice	0.1%
Sam Edelman	0.1%
	3.7%
Sneakers Adidas	1.1%
	0.7%
	0.770
(unspecified)	0 60/
Nike	0.6%
Nike Vans	0.4%
Nike	

int to get as a gift thi	s holiday
Footwear (continued)	21.0%
(unspecified)	3.0%
(unspecified)	2.9%
Steve Madden	0.1%
Booties	2.5%
(unspecified)	2.1%
Rag & Bone	0.1%
Sam Edelman	0.1%
Celine	0.1%
REI	0.1%
Christian Louboutin	0.1%
Steve Madden	0.1%
GoJane	0.1%
Jeffrey Campbell	0.1%
Socks	1.0%
(unspecified)	0.9%
Smartwool	0.1%
Flats	0.6%
(unspecified)	0.3%
Steve Madden	0.1%
Melissa	0.1%
Aquazzura	0.1%
Tory Burch	0.1%
Loeffler Randall	0.1%
Heels	0.6%
(unspecified)	0.4%
Steve Madden	0.1%
Zenadia	0.1%
Christian Louboutin	0.1%
Sandals	0.2%
Birkenstock	0.1%
Tory Burch	0.1%
(unspecified)	0.1%
Slippers	0.2%
(unspecified)	0.1%
Ugg	0.1%
Accessories	17.8%
Handbags	7.9%
(unspecified)	3.8%
Kate Spade	0.9%
Michael Kors	0.6%
Louis Vuitton	0.3%
Tory Burch	0.3%
Rebecca Minkoff	0.2%
Chanel	0.2%
Celine	0.2%
Madewell	0.2%
Marc Jacobs	0.2%
Longchamp	0.1%
Yves Saint Laurent	0.1%
Urban Outfitters	0.1%
Stella McCartney	0.1%
Aritzia	0.1%
Cuyana	0.1%
Fossil	0.1%
Dior	0.1%
Gucci	0.1%
Coach	0.1%
Vera Wang	0.1%
Fendi	0.1%
Zac Posen	0.1%
Prada	0.1%

eason?" (total items	s = 1,741)
Accessories (continued) Jewelry	17.8% 4.1 %
(unspecified)	2.2%
Tiffany	0.6%
David Yurman	0.3%
Hermes	0.2%
Alex and Ani	0.2%
Kendra Scott	0.2%
Pandora	0.1%
Kate Spade	0.1%
Phyrra	0.1%
•	
Michael Kors	0.1%
Marc Jacobs	0.1%
Watches	2.5%
(unspecified)	1.6%
Apple	0.2%
Michael Kors	0.2%
Marc Jacobs	0.1%
Daniel Wellington	0.1%
Kate Spade	0.1%
Tory Burch	0.1%
Motorola	0.1%
Fossil	0.1%
Michele	0.1%
Glasses	1.4%
Ray Ban	0.5%
Chanel	0.5%
(unspecified)	0.4 %
Warby Parker	
	0.1%
Celine	0.1%
Porsche	0.1%
Dior	0.1%
Backpacks	0.7%
(unspecified)	0.6%
Herschel	0.1%
Marc Jacobs	0.1%
Wallets	0.6%
(unspecified)	0.3%
Louis Vuitton	0.1%
Prada	0.1%
Chanel	0.1%
Gucci	0.1%
(unspecified)	0.5%
(unspecified)	0.4%
Louis Vuitton	0.1%
Phone case	0.1%
(unspecified)	0.1%
Electronics	11.5%
Cameras	4.3%
(unspecified)	2.2%
Polaroid	0.6%
Canon	0.5%
Nikon	0.5%
GoPro	0.3%
Fujifilm	0.1%
Sony	0.1%
Apple	0.1%
Cell phone	2.2%
Apple	1.7%
(unspecified)	0.6%
	1.7%
Music	1.7%
(unspecified)	
Beats	0.2%
Apple	0.1%

Source: CollegeFashionista, Goldman Sachs Global Investment Research

New Balance

Vince

Yves Saint Laurent

0.1%

0.1%

0.1%

Ralph Lauren

0.1%

Adele



0.1%

Exhibit 17: CollegeFashionista's style gurus' holiday wish list by category and brand (continued from prior page) distribution of responses to "What are up to three items you want to get as a gift this holiday season?" (total items = 1,741)

	44 50/
Electronics (continued)	11.5%
Accessories (unspecified)	0.9%
GoPro	0.6%
Nikon	0.1%
Apple	0.1%
Wearables	0.1%
Fitbit	0.6%
(unspecified)	0.1%
Nike	0.1%
Garmin	0.1%
Computers	0.6%
Apple	0.3%
- ''	
(unspecified)	0.2%
Tablets	0.5%
Apple	0.4%
(unspecified)	0.1%
TV	0.2%
(unspecified)	0.2%
Software	0.1%
Apple	0.1%
Scooter	0.1%
(unspecified)	0.1%
Drone	0.1%
GoPro	0.1%
Sewing machines	0.1%
Serger	0.1%
(unspecified)	0.1%
(unspecified)	0.1%
Printers	0.1%
(unspecified)	0.1%
Beauty	11.3%
Doddity	11.570
Makeup	7.6%
Makeup (unspecified)	7.6% 4.9%
Makeup (unspecified) Urban Decay	7.6% 4.9% 0.5%
Makeup (unspecified) Urban Decay MAC	7.6% 4.9% 0.5% 0.4%
Makeup (unspecified) Urban Decay MAC Naked	7.6% 4.9% 0.5% 0.4% 0.3%
Makeup (unspecified) Urban Decay MAC Naked Sephora	7.6% 4.9% 0.5% 0.4% 0.3% 0.3%
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia	7.6% 4.9% 0.5% 0.4% 0.3% 0.3% 0.2%
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics	7.6% 4.9% 0.5% 0.4% 0.3% 0.3% 0.2%
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.2% 0.1%
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS Bare Minerals	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.2% 0.1%
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS Bare Minerals Tarte	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.2% 0.1% 0.1%
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS Bare Minerals Tarte Lorac	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.2% 0.1% 0.1% 0.1%
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS Bare Minerals Tarte Lorac Australis	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.2% 0.1% 0.1% 0.1% 0.1%
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS Bare Minerals Tarte Lorac Australis Bobbi Brown	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.1% 0.1% 0.1% 0.1% 0.1%
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS Bare Minerals Tarte Lorac Australis Bobbi Brown Sigma	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1%
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS Bare Minerals Tarte Lorac Australis Bobbi Brown Sigma Amore	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS Bare Minerals Tarte Lorac Australis Bobbi Brown Sigma Amore ColourPop	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS Bare Minerals Tarte Lorac Australis Bobbi Brown Sigma Amore ColourPop IT Cosmetics	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS Bare Minerals Tarte Lorac Australis Bobbi Brown Sigma Amore ColourPop IT Cosmetics Fragrance	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS Bare Minerals Tarte Lorac Australis Bobbi Brown Sigma Amore ColourPop IT Cosmetics Fragrance (unspecified)	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS Bare Minerals Tarte Lorac Australis Bobbi Brown Sigma Amore ColourPop IT Cosmetics Fragrance (unspecified) Chanel	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS Bare Minerals Tarte Lorac Australis Bobbi Brown Sigma Amore ColourPop IT Cosmetics Fragrance (unspecified) Chanel Dolce & Gabbana	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS Bare Minerals Tarte Lorac Australis Bobbi Brown Sigma Amore ColourPop IT Cosmetics Fragrance (unspecified) Chanel Dolce & Gabbana Prada	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS Bare Minerals Tarte Lorac Australis Bobbi Brown Sigma Amore ColourPop IT Cosmetics Fragrance (unspecified) Chanel Dolce & Gabbana Prada Fresh Sugar	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS Bare Minerals Tarte Lorac Australis Bobbi Brown Sigma Amore ColourPop IT Cosmetics Fragrance (unspecified) Chanel Dolce & Gabbana Prada	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS Bare Minerals Tarte Lorac Australis Bobbi Brown Sigma Amore ColourPop IT Cosmetics Fragrance (unspecified) Chanel Dolce & Gabbana Prada Fresh Sugar Express	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS Bare Minerals Tarte Lorac Australis Bobbi Brown Sigma Amore ColourPop IT Cosmetics Fragrance (unspecified) Chanel Dolce & Gabbana Prada Fresh Sugar Express DKNY	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS Bare Minerals Tarte Lorac Australis Bobbi Brown Sigma Amore ColourPop IT Cosmetics Fragrance (unspecified) Chanel Dolce & Gabbana Prada Fresh Sugar Express DKNY Marc Jacobs	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS Bare Minerals Tarte Lorac Australis Bobbi Brown Sigma Amore ColourPop IT Cosmetics Fragrance (unspecified) Chanel Dolce & Gabbana Prada Fresh Sugar Express DKNY Marc Jacobs Tom Ford	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS Bare Minerals Tarte Lorac Australis Bobbi Brown Sigma Amore ColourPop IT Cosmetics Fragrance (unspecified) Chanel Dolce & Gabbana Prada Fresh Sugar Express DKNY Marc Jacobs Tom Ford Chloe	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS Bare Minerals Tarte Lorac Australis Bobbi Brown Sigma Amore ColourPop IT Cosmetics Fragrance (unspecified) Chanel Dolce & Gabbana Prada Prada Fresh Sugar Express DKNY Marc Jacobs Tom Ford Chloe Victoria's Secret Carolina Herrera Viktor & Rolf	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1
Makeup (unspecified) Urban Decay MAC Naked Sephora Anastasia Benefit Cosmetics NARS Bare Minerals Tarte Lorac Australis Bobbi Brown Sigma Amore ColourPop IT Cosmetics Fragrance (unspecified) Chanel Dolce & Gabbana Prada Fresh Sugar Express DKNY Marc Jacobs Tom Ford Chloe Victoria's Secret Carolina Herrera	7.6% 4.9% 0.5% 0.4% 0.3% 0.2% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1

mat are up to timee it	erris you
Beauty (continued)	11.3%
Tools	0.7%
(unspecified)	0.5%
Clairsonic	0.2%
Q-Redew	0.1%
Body care	0.6%
(unspecified)	0.3%
Lush	0.2%
(unspecified)	0.2%
Birchbox	0.1%
Sephora	0.1%
(unspecified)	0.1%
Accessories	0.1%
(unspecified)	0.1%
Money	4.0%
(unspecified)	4.0%
(unspecified)	2.9%
Sephora	0.3%
Starbucks	0.1%
American Eagle	0.1%
Ulta	0.1%
ASOS	0.1%
Nordstrom Rack	0.1%
Barnes and Noble	0.1%
Spotify	0.1%
Charming Charlie	0.1%
Target	0.1%
Express	0.1%
Victoria's Secret	0.1%
Nike	0.1%
Nordstrom	0.1%
Home	2.7%
Home décor	0.9%
(unspecified)	0.9%
Kitchen	0.6%
(unspecified)	0.5%
KitchenAid	0.1%
Bedroom	0.3%
(unspecified)	0.3%
Urban Outfitters	0.1%
Coffee maker	0.3%
Keurig	0.3%
(unspecified)	0.1%
Candles	0.2%
(unspecified)	0.2%
Lamps	0.1%
(unspecified)	0.1%
Typewriter	0.1%
(unspecified)	0.1%
Furniture	0.1%
(unspecified)	0.1%
(unspecified)	0.1%
(unspecified)	0.1%
Blanket	0.1%
(unspecified)	0.1%
Publications	1.7%
Books	1.4%
(unspecified)	1.4%
(unspecified)	0.2%
(unspecified)	0.2%
Magazines	0.1%
Nylon	0.1%
(unspecified)	0.1%
(F)	

0.6% 0.2% 0.2% 0.2% 0.1% 0.1% 0.1% 0.2% 0.2%
0.2% 0.2% 0.2% 0.1% 0.1% 0.1% 0.2%
0.2% 0.2% 0.1% 0.1% 0.1% 0.2%
0.2% 0.1% 0.1% 0.1% 0.2% 0.2%
0.1% 0.1% 0.1% 0.2% 0.2%
0.1% 0.1% 0.2% 0.2%
0.1% 0.2% 0.2%
0.2%
0.2%
0.1%
0.1%
0.1%
0.1%
0.1%
1.1%
1.1%
1.1%
0.1%
0.6%
0.1%
0.1%
0.1%
0.1%
0.1%
0.1%
0.1%
0.1%
0.1%
0.1%
0.1%
0.1%
0.1%
0.5%
0.5%
0.1%
0.1%
0.1%
0.1%
0.1%
0.19 0.19 0.19



Rating and pricing information

Abercrombie & Fitch (S/N, \$25.88), adidas (N/N, \in 86.55), American Eagle Outfitters Inc. (S/N, \$15.95), Coach Inc. (S/A, \$31.12), Estee Lauder Cos. Inc. (B/N, \$86.86), Express Inc. (S/N, \$17.46), Inditex (B/N, \in 32.04), Nike Inc. (B/N, \$128.64) and Urban Outfitters Inc. (B/N, \$22.60)

Disclosure Appendix

Reg AC

We, Lindsay Drucker Mann, CFA, Bill Schultz, Edward McLaughlin, Richard Edwards, William Hutchings, Jason English and Jamie Bajwa, hereby certify that all of the views expressed in this report accurately reflect our personal views about the subject company or companies and its or their securities. We also certify that no part of our compensation was, is or will be, directly or indirectly, related to the specific recommendations or views expressed in this report.

Unless otherwise stated, the individuals listed on the cover page of this report are analysts in Goldman Sachs' Global Investment Research division.

Investment Profile

The Goldman Sachs Investment Profile provides investment context for a security by comparing key attributes of that security to its peer group and market. The four key attributes depicted are: growth, returns, multiple and volatility. Growth, returns and multiple are indexed based on composites of several methodologies to determine the stocks percentile ranking within the region's coverage universe.

The precise calculation of each metric may vary depending on the fiscal year, industry and region but the standard approach is as follows:

Growth is a composite of next year's estimate over current year's estimate, e.g. EPS, EBITDA, Revenue. **Return** is a year one prospective aggregate of various return on capital measures, e.g. CROCI, ROACE, and ROE. **Multiple** is a composite of one-year forward valuation ratios, e.g. P/E, dividend yield, EV/FCF, EV/EBITDA, EV/DACF, Price/Book. **Volatility** is measured as trailing twelve-month volatility adjusted for dividends.

Quantum

Quantum is Goldman Sachs' proprietary database providing access to detailed financial statement histories, forecasts and ratios. It can be used for in-depth analysis of a single company, or to make comparisons between companies in different sectors and markets.

GS SUSTAIN

GS SUSTAIN is a global investment strategy aimed at long-term, long-only performance with a low turnover of ideas. The GS SUSTAIN focus list includes leaders our analysis shows to be well positioned to deliver long term outperformance through sustained competitive advantage and superior returns on capital relative to their global industry peers. Leaders are identified based on quantifiable analysis of three aspects of corporate performance: cash return on cash invested, industry positioning and management quality (the effectiveness of companies' management of the environmental, social and governance issues facing their industry).

Disclosures

Coverage group(s) of stocks by primary analyst(s)

Lindsay Drucker Mann, CFA: America-Athletic Apparel, America-Domestic Apparel, America-Global Apparel and Accessories. Richard Edwards: Europe-Food, Europe-General Retail. William Hutchings: Europe-General Retail. Jason English: America-Food: Packaged & Manufacturing, America-Household Products/Personal Care. Jamie Baiwa: Europe-General Retail.

America-Athletic Apparel: Columbia Sportswear Co., Iululemon athletica inc., Nike Inc., Under Armour Inc., VF Corp..

America-Domestic Apparel: Abercrombie & Fitch, American Eagle Outfitters Inc., Chico's FAS Inc., Express Inc., Francesca's Holdings, Gap Inc., Urban Outfitters Inc., Vince Holding.

America-Food: Packaged & Manufacturing: Amplify Snack Brands Inc., Campbell Soup Co., ConAgra Inc., General Mills Inc., Hershey Co., J. M. Smucker Co., Kellogg Co., Kraft Heinz Co., Mead Johnson Nutrition Co., Mondelez International Inc., Pinnacle Foods Inc., Post Holdings.

America-Global Apparel and Accessories: Coach Inc., Fossil Group Inc., L Brands Inc., Michael Kors Holdings, PVH Corp., Ralph Lauren Corp., Signet Jewelers Ltd., Tiffany & Co., Tumi Holdings.

America-Household Products/Personal Care: Church & Dwight Co., Clorox Co., Colgate-Palmolive Co., Edgewell Personal Care, Energizer Holdings Inc., Estee Lauder Cos. Inc., Freshpet Inc., Kimberly-Clark Corp., Procter & Gamble Co..

Europe-Food: Agrana, Aryzta, Associated British Foods, Barry Callebaut, Chr Hansen, Dairy Crest, Danone, Kerry, Lindt & Sprungli, Nestle, Novozymes, Orkla ASA, Suedzucker AG, Tate & Lyle, Unilever, Unilever Plc.

Europe-General Retail: adidas, ASOS Plc, B&M European Value Retail SA, Brunello Cucinelli, Burberry, Christian Dior, Debenhams, Eurazeo, Europris ASA, Hennes & Mauritz, Hermes International, Hugo Boss AG, Inditex, JUST EAT, Kering, Kingfisher, Kinnevik Investment AB, Luxottica (Italy), LVMH Moet-Hennessy Louis Vuitton, Marks & Spencer, Moleskine SpA, Moncler SpA, Mulberry Group, Next, OVS SpA, Pandora, Pets at Home Group, Prada SpA, Puma, Richemont, Rocket Internet SE, Salvatore Ferragamo SpA, Showroomprivé, Sports Direct International Plc, Swatch Group, Ted Baker, Thule Group, Tod's, Windeln.de AG, XING AG, XXL ASA, YOOX Net-A-Porter Group, Zalando SE.

Company-specific regulatory disclosures

Compendium report: please see disclosures at http://www.gs.com/research/hedge.html. Disclosures applicable to the companies included in this compendium can be found in the latest relevant published research

Distribution of ratings/investment banking relationships

Goldman Sachs Investment Research global coverage universe

	Rating Distribution			_	Investme	nt Banking Rela	ationships
	Buy	Hold	Sell	-	Buy	Hold	Sell
Global	32%	53%	15%		63%	57%	52%

As of October 1, 2015, Goldman Sachs Global Investment Research had investment ratings on 3,221 equity securities. Goldman Sachs assigns stocks as Buys and Sells on various regional Investment Lists; stocks not so assigned are deemed Neutral. Such assignments equate to Buy, Hold and Sell for the purposes of the above disclosure required by NASD/NYSE rules. See 'Ratings, Coverage groups and views and related definitions' below.



Price target and rating history chart(s)

Compendium report: please see disclosures at http://www.gs.com/research/hedge.html. Disclosures applicable to the companies included in this compendium can be found in the latest relevant published research

Regulatory disclosures

Disclosures required by United States laws and regulations

See company-specific regulatory disclosures above for any of the following disclosures required as to companies referred to in this report: manager or co-manager in a pending transaction; 1% or other ownership; compensation for certain services; types of client relationships; managed/co-managed public offerings in prior periods; directorships; for equity securities, market making and/or specialist role. Goldman Sachs usually makes a market in fixed income securities of issuers discussed in this report and usually deals as a principal in these securities.

The following are additional required disclosures: **Ownership and material conflicts of interest:** Goldman Sachs policy prohibits its analysts, professionals reporting to analysts and members of their households from owning securities of any company in the analyst's area of coverage. **Analyst compensation:** Analysts are paid in part based on the profitability of Goldman Sachs, which includes investment banking revenues. **Analyst as officer or director:** Goldman Sachs policy prohibits its analysts, persons reporting to analysts or members of their households from serving as an officer, director, advisory board member or employee of any company in the analyst's area of coverage. **Non-U.S. Analysts:** Non-U.S. analysts may not be associated persons of Goldman, Sachs & Co. and therefore may not be subject to NASD Rule 2711/NYSE Rules 472 restrictions on communications with subject company, public appearances and trading securities held by the analysts.

Distribution of ratings: See the distribution of ratings disclosure above. **Price chart:** See the price chart, with changes of ratings and price targets in prior periods, above, or, if electronic format or if with respect to multiple companies which are the subject of this report, on the Goldman Sachs website at http://www.gs.com/research/hedge.html.

Additional disclosures required under the laws and regulations of jurisdictions other than the United States

The following disclosures are those required by the jurisdiction indicated, except to the extent already made above pursuant to United States laws and regulations. **Australia**: Goldman Sachs Australia Pty Ltd and its affiliates are not authorised deposit-taking institutions (as that term is defined in the Banking Act 1959 (Cth)) in Australia and do not provide banking services, nor carry on a banking business, in Australia. This research, and any access to it, is intended only for "wholesale clients" within the meaning of the Australian Corporations Act, unless otherwise agreed by Goldman Sachs. In producing research reports, members of the Global Investment Research Division of Goldman Sachs Australia may attend site visits and other meetings hosted by the issuers the subject of its research reports. In some instances the costs of such site visits or meetings may be met in part or in whole by the issuers concerned if Goldman Sachs Australia considers it is appropriate and reasonable in the specific circumstances relating to the site visit or meeting. **Brazil:** Disclosure information in relation to CVM Instruction 483 is available at

the site visit or meeting. Brazil: Disclosure information in relation to CVM Instruction 483 is available at http://www.qs.com/worldwide/brazil/area/gir/index.html. Where applicable, the Brazil-registered analyst primarily responsible for the content of this research report, as defined in Article 16 of CVM Instruction 483, is the first author named at the beginning of this report, unless indicated otherwise at the end of the text. Canada: Goldman Sachs Canada Inc. is an affiliate of The Goldman Sachs Group Inc. and therefore is included in the company specific disclosures relating to Goldman Sachs (as defined above). Goldman Sachs Canada Inc. has approved of, and agreed to take responsibility for, this research report in Canada if and to the extent that Goldman Sachs Canada Inc. disseminates this research report to its clients. Hong Kong: Further information on the securities of covered companies referred to in this research may be obtained on request from Goldman Sachs (Asia) L.L.C. India: Further information on the subject company or companies referred to in this research may be obtained from Goldman Sachs (India) Securities Private Limited. Goldman Sachs may beneficially own 1% or more of the securities (as such term is defined in clause 2 (h) the Indian Securities Contracts (Regulation) Act, 1956) of the subject company or companies referred to in this research report. Japan: See below. Korea: Further information on the subject company or companies referred to in this research may be obtained from Goldman Sachs (Asia) L.L.C., Seoul Branch. New Zealand: Goldman Sachs New Zealand Limited and its affiliates are neither "registered banks" nor "deposit takers" (as defined in the Reserve Bank of New Zealand Act 1989) in New Zealand. This research, and any access to it, is intended for "wholesale clients" (as defined in the Financial Advisers Act 2008) unless otherwise agreed by Goldman Sachs. Russia: Research reports distributed in the Russian Federation are not advertising as defined in the Russian legislation, but are information and analysis not having product promotion as their main purpose and do not provide appraisal within the meaning of the Russian legislation on appraisal activity. Singapore: Further information on the covered companies referred to in this research may be obtained from Goldman Sachs (Singapore) Pte. (Company Number: 198602165W). Taiwan: This material is for reference only and must not be reprinted without permission. Investors should carefully consider their own investment risk. Investment results are the responsibility of the individual investor. United Kingdom: Persons who would be categorized as retail clients in the United Kingdom, as such term is defined in the rules of the Financial Conduct Authority, should read this research in conjunction with prior Goldman Sachs research on the covered companies referred to herein and should refer to the risk warnings that have been sent to them by Goldman Sachs International. A copy of these risks warnings, and a glossary of certain financial terms used in this report, are available from Goldman Sachs International on request.

European Union: Disclosure information in relation to Article 4 (1) (d) and Article 6 (2) of the European Commission Directive 2003/126/EC is available at http://www.gs.com/disclosures/europeanpolicy.html which states the European Policy for Managing Conflicts of Interest in Connection with Investment Research.

Japan: Goldman Sachs Japan Co., Ltd. is a Financial Instrument Dealer registered with the Kanto Financial Bureau under registration number Kinsho 69, and a member of Japan Securities Dealers Association, Financial Futures Association of Japan and Type II Financial Instruments Firms Association. Sales and purchase of equities are subject to commission pre-determined with clients plus consumption tax. See company-specific disclosures as to any applicable disclosures required by Japanese stock exchanges, the Japanese Securities Dealers Association or the Japanese Securities Finance Company.

Ratings, coverage groups and views and related definitions

Buy (B), Neutral (N), Sell (S) -Analysts recommend stocks as Buys or Sells for inclusion on various regional Investment Lists. Being assigned a Buy or Sell on an Investment List is determined by a stock's return potential relative to its coverage group as described below. Any stock not assigned as a Buy or a Sell on an Investment List is deemed Neutral. Each regional Investment Review Committee manages various regional Investment Lists to a global guideline of 25%-35% of stocks as Buy and 10%-15% of stocks as Sell; however, the distribution of Buys and Sells in any particular coverage group may vary as determined by the regional Investment Review Committee. Regional Conviction Buy and Sell lists represent investment recommendations focused on either the size of the potential return or the likelihood of the realization of the return.

Return potential represents the price differential between the current share price and the price target expected during the time horizon associated with the price target. Price targets are required for all covered stocks. The return potential, price target and associated time horizon are stated in each report adding or reiterating an Investment List membership.

Coverage groups and views: A list of all stocks in each coverage group is available by primary analyst, stock and coverage group at http://www.gs.com/research/hedge.html. The analyst assigns one of the following coverage views which represents the analyst's investment outlook on the coverage group relative to the group's historical fundamentals and/or valuation. Attractive (A). The investment outlook over the following 12 months is favorable relative to the coverage group's historical fundamentals and/or valuation. Neutral (N). The investment outlook over the following 12 months is neutral relative to the coverage group's historical fundamentals and/or valuation. Cautious (C). The investment outlook over the following 12 months is unfavorable relative to the coverage group's historical fundamentals and/or valuation.

Not Rated (NR). The investment rating and target price have been removed pursuant to Goldman Sachs policy when Goldman Sachs is acting in an advisory capacity in a merger or strategic transaction involving this company and in certain other circumstances. Rating Suspended (RS). Goldman Sachs Research has suspended the investment rating and price target for this stock, because there is not a sufficient fundamental basis for determining, or there are legal, regulatory or policy constraints around publishing, an investment rating or target. The previous investment rating and price target, if any, are no longer in effect for this stock and should not be relied upon. Coverage Suspended (CS). Goldman Sachs has suspended coverage of this company. Not Covered (NC). Goldman Sachs does not cover this company. Not Available or Not Applicable (NA). The information is not available for display or is not applicable. Not Meaningful (NM). The information is not meaningful and is therefore excluded.

Global product; distributing entities

The Global Investment Research Division of Goldman Sachs produces and distributes research products for clients of Goldman Sachs on a global basis. Analysts based in Goldman Sachs offices around the world produce equity research on industries and companies, and research on macroeconomics, currencies, commodities and portfolio strategy. This research is disseminated in Australia by Goldman Sachs Australia Pty Ltd (ABN 21 006 797 897); in Brazil by Goldman Sachs do Brasil Corretora de Títulos e Valores Mobiliários S.A.; in Canada by either Goldman Sachs Canada Inc. or Goldman, Sachs & Co.; in Hong Kong by Goldman Sachs (Asia) L.L.C.; in India by Goldman Sachs (India) Securities Private Ltd.; in Japan by Goldman Sachs Japan Co., Ltd.; in the Republic of Korea by Goldman Sachs (Asia) L.L.C., Seoul Branch; in New Zealand by Goldman Sachs (New Zealand Limited; in Russia by OOO Goldman Sachs; in Singapore by Goldman Sachs (Singapore) Pte. (Company Number: 198602165W); and in the United States of America by Goldman, Sachs & Co. Goldman Sachs International has approved this research in connection with its distribution in the United Kingdom and European Union.

European Union: Goldman Sachs International authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority, has approved this research in connection with its distribution in the European Union and United Kingdom; Goldman Sachs AG and Goldman Sachs International Zweigniederlassung Frankfurt, regulated by the Bundesanstalt für Finanzdienstleistungsaufsicht, may also distribute research in Germany.

General disclosures

This research is for our clients only. Other than disclosures relating to Goldman Sachs, this research is based on current public information that we consider reliable, but we do not represent it is accurate or complete, and it should not be relied on as such. We seek to update our research as appropriate, but various regulations may prevent us from doing so. Other than certain industry reports published on a periodic basis, the large majority of reports are published at irregular intervals as appropriate in the analyst's judgment.

Goldman Sachs conducts a global full-service, integrated investment banking, investment management, and brokerage business. We have investment banking and other business relationships with a substantial percentage of the companies covered by our Global Investment Research Division. Goldman. Sachs & Co., the United States broker dealer, is a member of SIPC (http://www.sipc.org).

Our salespeople, traders, and other professionals may provide oral or written market commentary or trading strategies to our clients and principal trading desks that reflect opinions that are contrary to the opinions expressed in this research. Our asset management area, principal trading desks and investing businesses may make investment decisions that are inconsistent with the recommendations or views expressed in this research.

The analysts named in this report may have from time to time discussed with our clients, including Goldman Sachs salespersons and traders, or may discuss in this report, trading strategies that reference catalysts or events that may have a near-term impact on the market price of the equity securities discussed in this report, which impact may be directionally counter to the analyst's published price target expectations for such stocks. Any such trading strategies are distinct from and do not affect the analyst's fundamental equity rating for such stocks, which rating reflects a stock's return potential relative to its coverage group as described herein.

We and our affiliates, officers, directors, and employees, excluding equity and credit analysts, will from time to time have long or short positions in, act as principal in, and buy or sell, the securities or derivatives, if any, referred to in this research.

The views attributed to third party presenters at Goldman Sachs arranged conferences, including individuals from other parts of Goldman Sachs, do not necessarily reflect those of Global Investment Research and are not an official view of Goldman Sachs.

Any third party referenced herein, including any salespeople, traders and other professionals or members of their household, may have positions in the products mentioned that are inconsistent with the views expressed by analysts named in this report.

This research is not an offer to sell or the solicitation of an offer to buy any security in any jurisdiction where such an offer or solicitation would be illegal. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of individual clients. Clients should consider whether any advice or recommendation in this research is suitable for their particular circumstances and, if appropriate, seek professional advice, including tax advice. The price and value of investments referred to in this research and the income from them may fluctuate. Past performance is not a guide to future performance, future returns are not guaranteed, and a loss of original capital may occur. Fluctuations in exchange rates could have adverse effects on the value or price of, or income derived from, certain investments.

Certain transactions, including those involving futures, options, and other derivatives, give rise to substantial risk and are not suitable for all investors. Investors should review current options disclosure documents which are available from Goldman Sachs sales representatives or at http://www.theocc.com/about/publications/character-risks.jsp. Transaction costs may be significant in option strategies calling for multiple purchase and sales of options such as spreads. Supporting documentation will be supplied upon request.

All research reports are disseminated and available to all clients simultaneously through electronic publication to our internal client websites. Not all research content is redistributed to our clients or available to third-party aggregators, nor is Goldman Sachs responsible for the redistribution of our research by third party aggregators. For research, models or other data available on a particular security, please contact your sales representative or go to http://360.gs.com.

Disclosure information is also available at http://www.gs.com/research/hedge.html or from Research Compliance, 200 West Street, New York, NY 10282.

© 2015 Goldman Sachs.

No part of this material may be (i) copied, photocopied or duplicated in any form by any means or (ii) redistributed without the prior written consent of The Goldman Sachs Group, Inc.

