

The UK plus size clothing market review

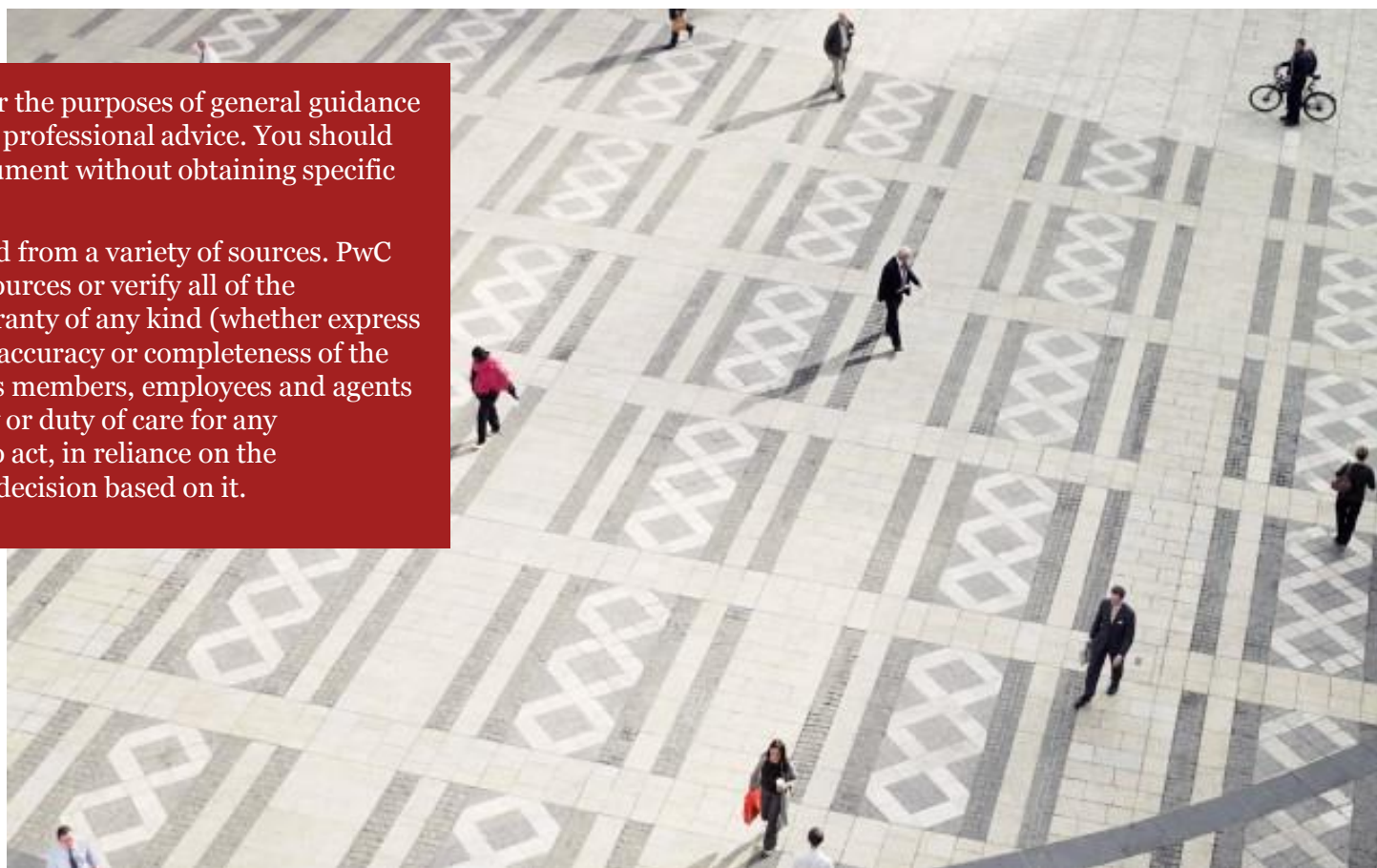
November 2017



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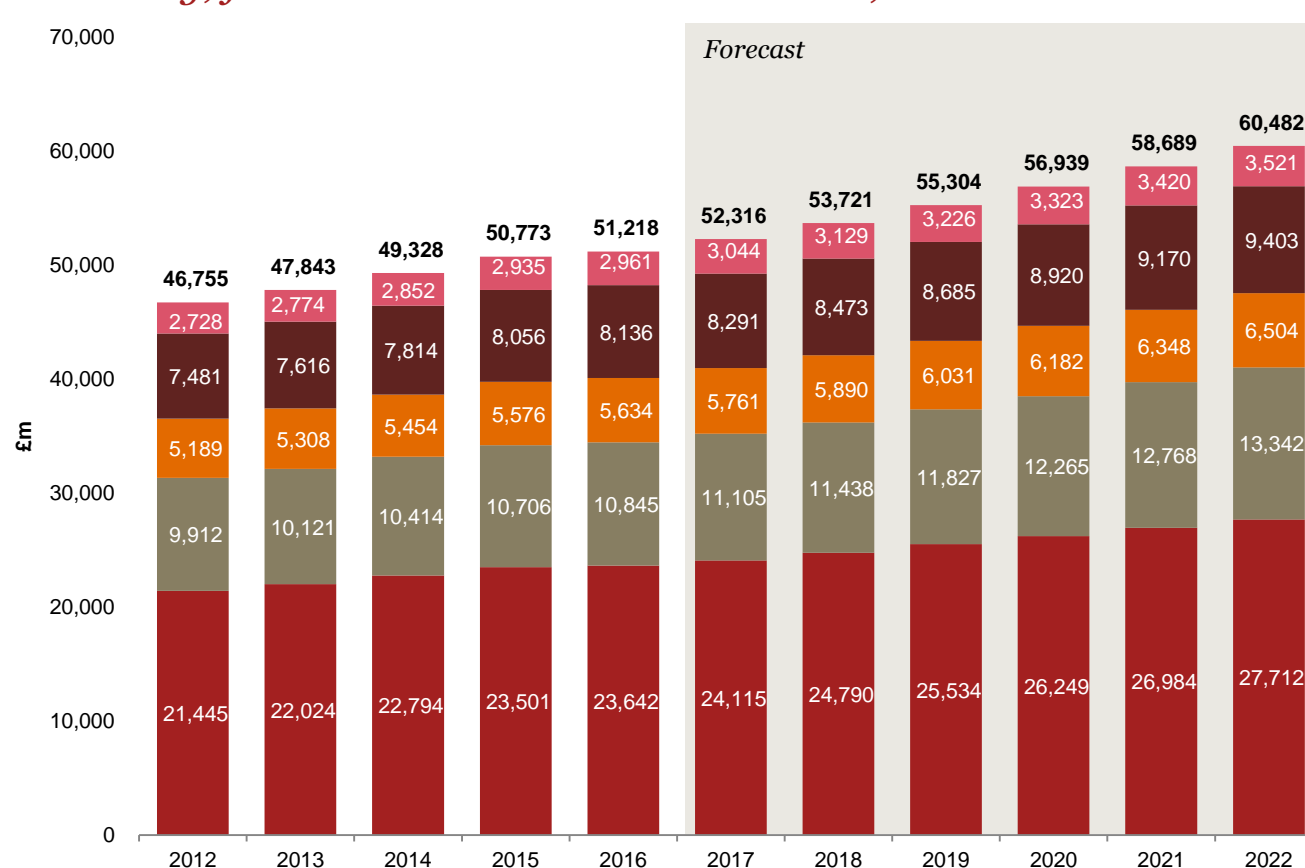


Overview of the UK plus size clothing market

- The UK clothing, footwear and accessories market is currently estimated to be worth c.£52bn and is forecast to grow at c.2.9% CAGR 2017-22
- The UK plus size segment contains ‘specialist’ brands who solely serve the plus size customer as well as ‘generalist’ clothing brands who have either designed plus size ranges or extended core clothing lines into plus sizes
- The plus size market is estimated to be worth c.£6.6bn in 2017 (of which women and men comprise £4.7bn and £1.9bn respectively), and has been outperforming the overall womenswear and menswear clothing market in the UK (c.3.3% CAGR 2012-17 vs. c.2.4% respectively)
- PwC has forecast growth in the plus size segment of c.5-6% CAGR 2017-22 (with womenswear expected to grow at c.4-5% p.a. and menswear at c.6-8% p.a., based on BMI assumptions), which reflects five key drivers:
 - Continuing growth in the addressable population (increasing obesity rates which are correlated with an ageing population and lower incomes)
 - Increasing ‘body confidence’ among plus size consumers (with plus size influencers, mainstream media representation and fashion trade advocacy)
 - Focus on value as a key purchase criteria (and corresponding growth of plus size and generalist value retailers)
 - Greater preference for online shopping among plus size consumers (and corresponding growth of online channel)
 - Emergence of new brands and innovations across the end-to-end customer journey (inspire, research, fulfil, transact and service)
- Within the plus size market, the value segment (defined as the total plus size market excluding the major mid-market plus size brands) is expected to grow even faster at 7.1% CAGR 2017-22

The UK clothing, footwear and accessories market is currently estimated to be worth c.£52bn and is forecast to grow at c.2.9% p.a. between 2017 and 2022

UK clothing, footwear and accessories market¹, 2012-22F



CAGR 2012-17 CAGR 2017-22

Total	2.3%	2.9%
Accessories ²	2.2%	2.9%
Footwear	2.1%	2.5%
Total clothing	2.3%	3.0%
Childrenswear	2.1%	2.5%
Menswear	2.3%	3.7%
Womenswear	2.4%	2.8%







- The overall clothing, footwear and accessories market has grown steadily from 2012-17, with womenswear marginally outperforming other categories
- Verdict forecasts the market to grow at an increased rate, driven by a mix of inflation and to a lesser extent volume

Note: 1. Market data expressed in current prices, incl. VAT. 2. Fashion accessories includes hats, scarves, belts and costume jewellery

Source: Womenswear category data from Verdict's UK Womenswear Market 2017-22 report. Verdict (Sept 2017) for all other categories, 2022F data-point is estimated for childrenswear, footwear and accessories based on extrapolating the 2016-21 CAGR to 2022

The plus size segment of the clothing market contains a number of brands which offer sizes 18 and above, either as part of a core or specialist range

Overview of UK plus size market segment

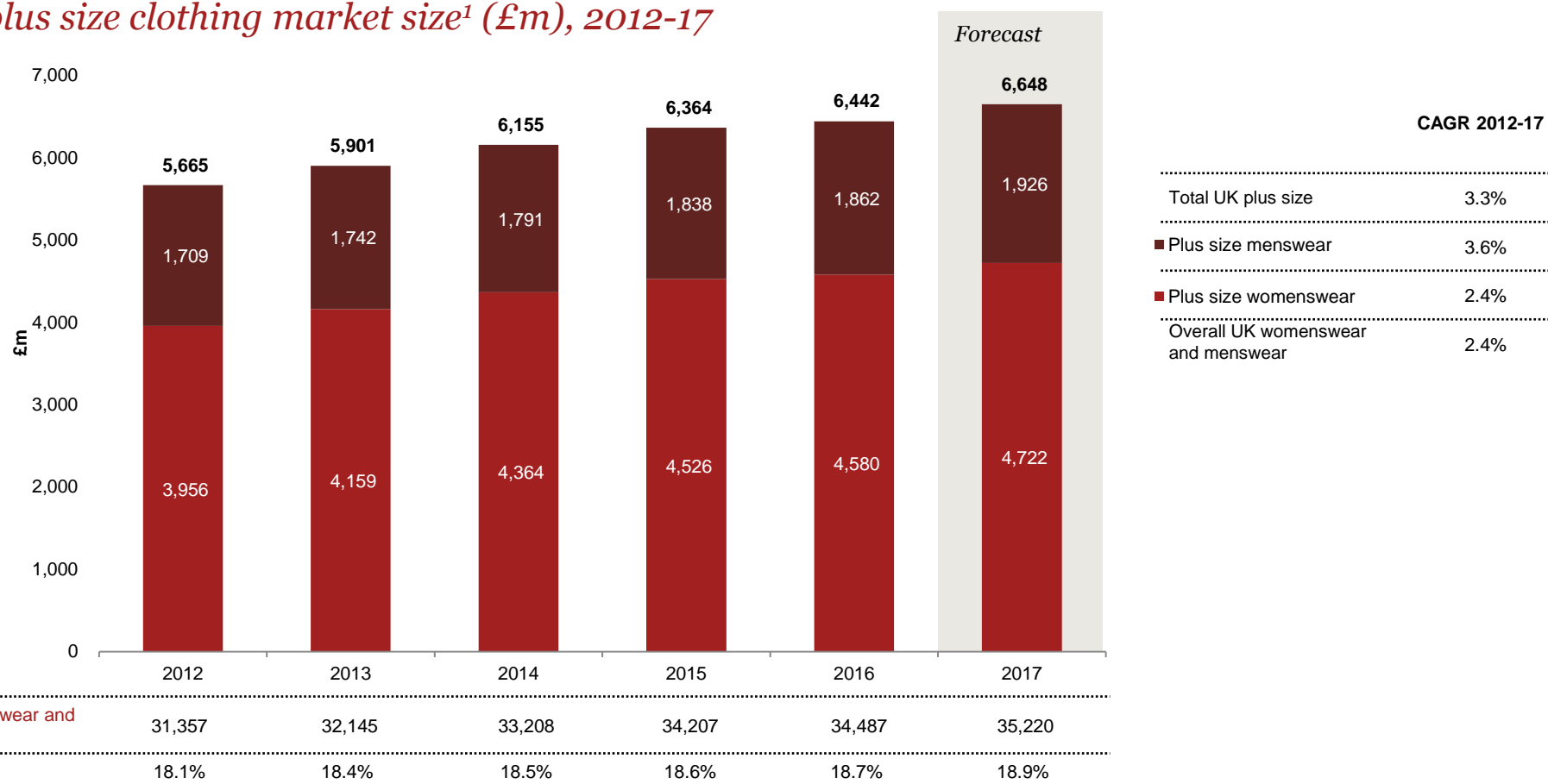
The UK plus size market definition	Market participants		
<ul style="list-style-type: none"> Includes expenditure on all adult¹ clothing, sized 18+ for women and XXL+ for men (42+ inches in the waist, 50+ inches in the chest, or 34+ inches in the leg length), albeit we note that the plus size market is often defined as size 16+ Includes items sold in a specifically designed range, such as ASOS Curve or F&F True, or as part of a core clothing line at the likes of M&S or River Island Includes all clothing categories across all shopping channels (in-store, online or 3rd parties) 	'Specialists'	'Generalists'	
	Clothing retailers who solely serve the plus size customer (often start at size 14 and offer up to size 36)	Clothing retailers who have specifically designed plus size ranges or offer larger sizes as part of a core clothing line	
	Female plus size specialists 	Mid-market multi-category players 	Mid-market clothing specialists 
	Male plus size specialists 	Young fashion brands 	Grocers 

Note: 1. Age 16+.

Source: Company websites, PwC analysis

The plus size market is estimated to be worth c.£6.6bn in 2017, and has been outperforming the overall womenswear and menswear market in the UK

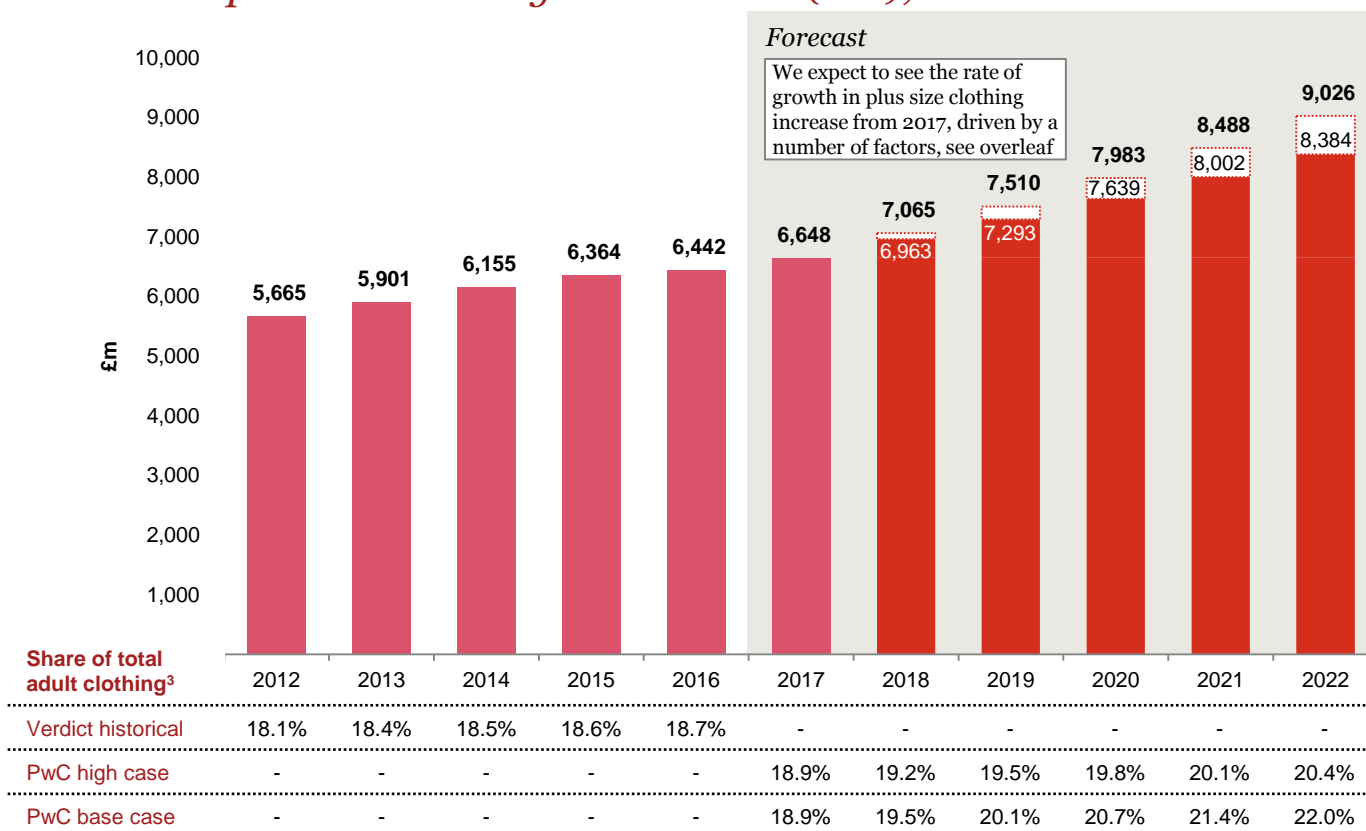
Total UK plus size clothing market size¹ (£m), 2012-17



Note: 1. Market data expressed in current prices, incl. VAT
Source: Verdict (2017), PwC analysis

PwC has forecast growth in the plus size segment of the UK clothing market at c.5-6% p.a. 2017 to 2022

Total UK plus size clothing market size¹ (£m), 2012-22F



Note: 1. Market data expressed in current prices, incl. VAT. 2. Base case scenario: forecast growth in obesity (defined as BMI of 30+) in line with long run historical trend (2008-15 CAGR), high case scenario: forecast growth in obesity (defined as BMI of 30+) in line with most recent historical trend (2012-15 CAGR). Both cases forecast addressable population by gender and age group and combine with ONS population forecasts. 3. Share of total UK womenswear and menswear. 4. Based on public accounts and interviews with retailers, sense-checked with a consumer survey of plus size clothing buying behaviour

Source: Verdict (2017), NHS Health Survey, PwC analysis

The UK plus size clothing market review

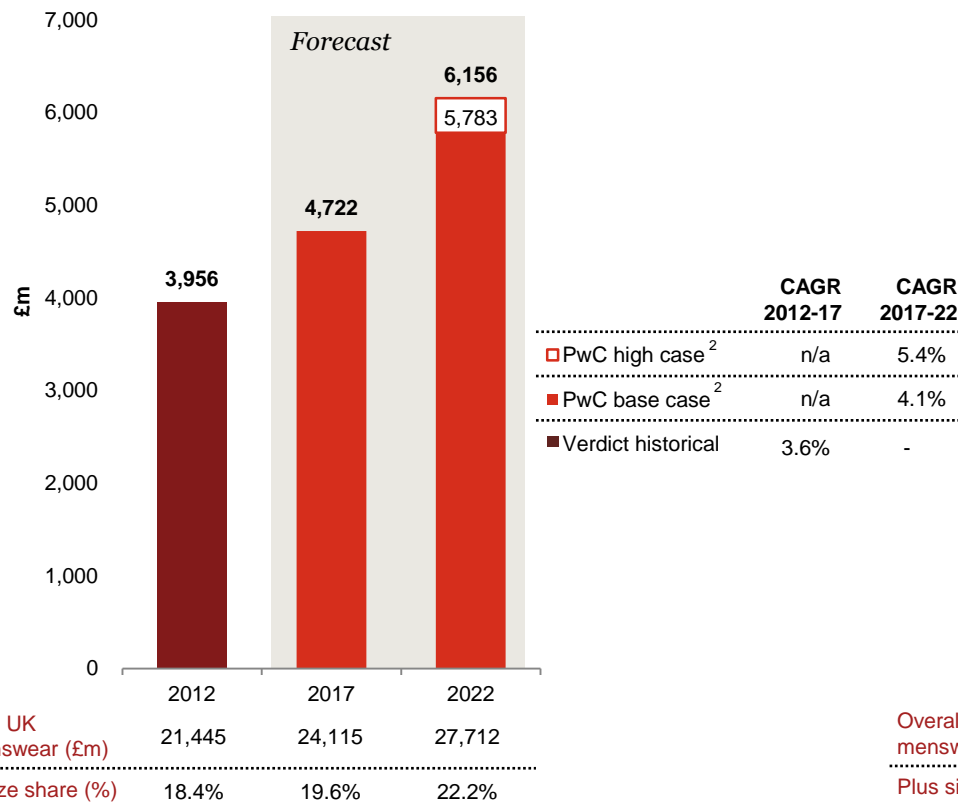
	CAGR 2012-17	CAGR 2017-22
PwC plus size high case ²	n/a	6.3%
PwC plus size base case ²	n/a	4.7%
Verdict historical plus size	3.3%	-
Verdict historical total menswear & womenswear	2.4%	-

Basis of forecast

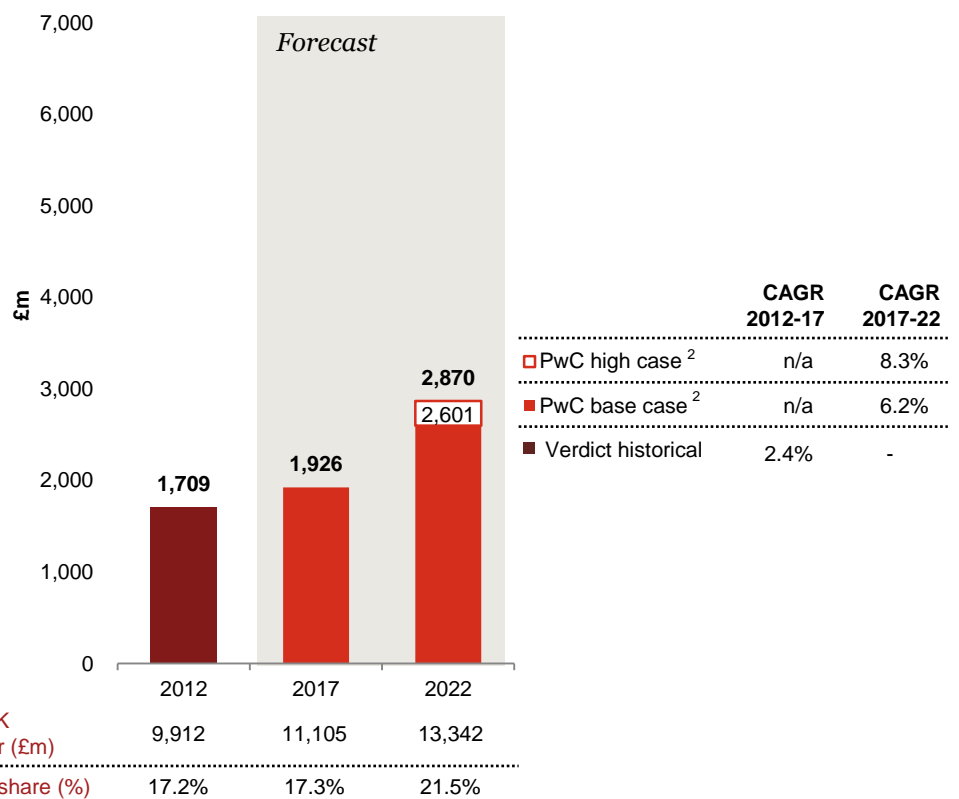
- Our 2017 plus size market size is based on Verdict's bottom up market estimate⁴
- We have then forecast plus size clothing growth to 2022 based on extrapolating long term trends in UK obesity rates (the addressable population) and clothing spend per head
- We have developed two forecast scenarios. Our 'base' case extrapolates the long run trend in obesity (2008-15) whilst our 'high' case extrapolates the most recent trend in obesity (2012-15), resulting in higher addressable population growth due to a recent rise in obesity rates (which is validated by multiple health sources)
- For each scenario, we have assumed women's spend per head will grow in line with inflation 2017-22, and men's spend per head will grow at 3.5% p.a. (Verdict's forecast) due to the increasing availability of plus size ranges for men
- See appendix for additional information on our forecast methodology

The plus size menswear market is forecast to grow faster than womenswear, at 6-8% p.a. compared to 4-5% p.a.

Plus size womenswear UK clothing market size¹, 2012-2022



Plus size menswear UK clothing market size¹, 2012-2022



Note: 1. Market data expressed in current prices, incl. VAT 2. Base case scenario: forecast growth in obesity (defined as BMI of 30+) in line with long run historical trend (2008-15 CAGR), high case scenario: forecast growth in obesity (defined as BMI of 30+) in line with most recent historical trend (2012-15 CAGR). Both cases forecast addressable population by gender and age group and combine with ONS population forecasts
Source: Verdict (2017), NHS Health Survey, PwC analysis

The plus size market forecast is driven by continued growth in the addressable population, changing plus size consumer attitudes and new market entrants

UK plus size clothing market drivers

1	2	3	4	5
Growing addressable population	Increasing body confidence	Focus on value as a key purchase criteria	Consumer online preferences	New brands and innovations
<ul style="list-style-type: none"> UK obesity rates have continued to rise (reaching c.30% of total UK population in 2015) Obesity is correlated with age, with higher rates of obesity amongst older age groups. This supports continued growth of the addressable population, given ageing population Obesity appears correlated with lower incomes particularly amongst women 	<ul style="list-style-type: none"> Plus size influencers (models, celebrities and bloggers, e.g. Ashley Graham, Tess Holliday) are becoming increasingly vocal through social media There is increased coverage of the plus size market and issues in mainstream media The fashion trade has increased its exposure of plus size at both mainstream (e.g. NY Fashion Week) and “specialist events” (e.g. UK Plus Size Fashion Week) 	<ul style="list-style-type: none"> Price is the most important purchase criteria for plus size customers Together with the plus size correlation with lower incomes and ongoing squeeze on discretionary income, this focus on value for money is likely to remain This trend is reflected in the performance of value retailers gaining share of both the overall and plus size clothing markets 	<ul style="list-style-type: none"> Plus size customers prefer to shop online more than the average woman In both the plus size and total womenswear markets, we expect online sales to continue to gain share (forecast to account for c.36% of the womenswear market by 2022) 	<ul style="list-style-type: none"> New brands and sub-brands continue to be launched in the plus size market including specialist plus size brands (e.g. Navabi, Bad Rhino) and existing clothing generalists (e.g. River Island, Quiz) These brands are innovating across the end to end customer journey, leveraging new technologies (e.g. virtual stylists, live chat, body scanners) and partnerships (e.g. concessions, marketplaces, third party logistics)

Importance as a driver of growth



Historical growth impact

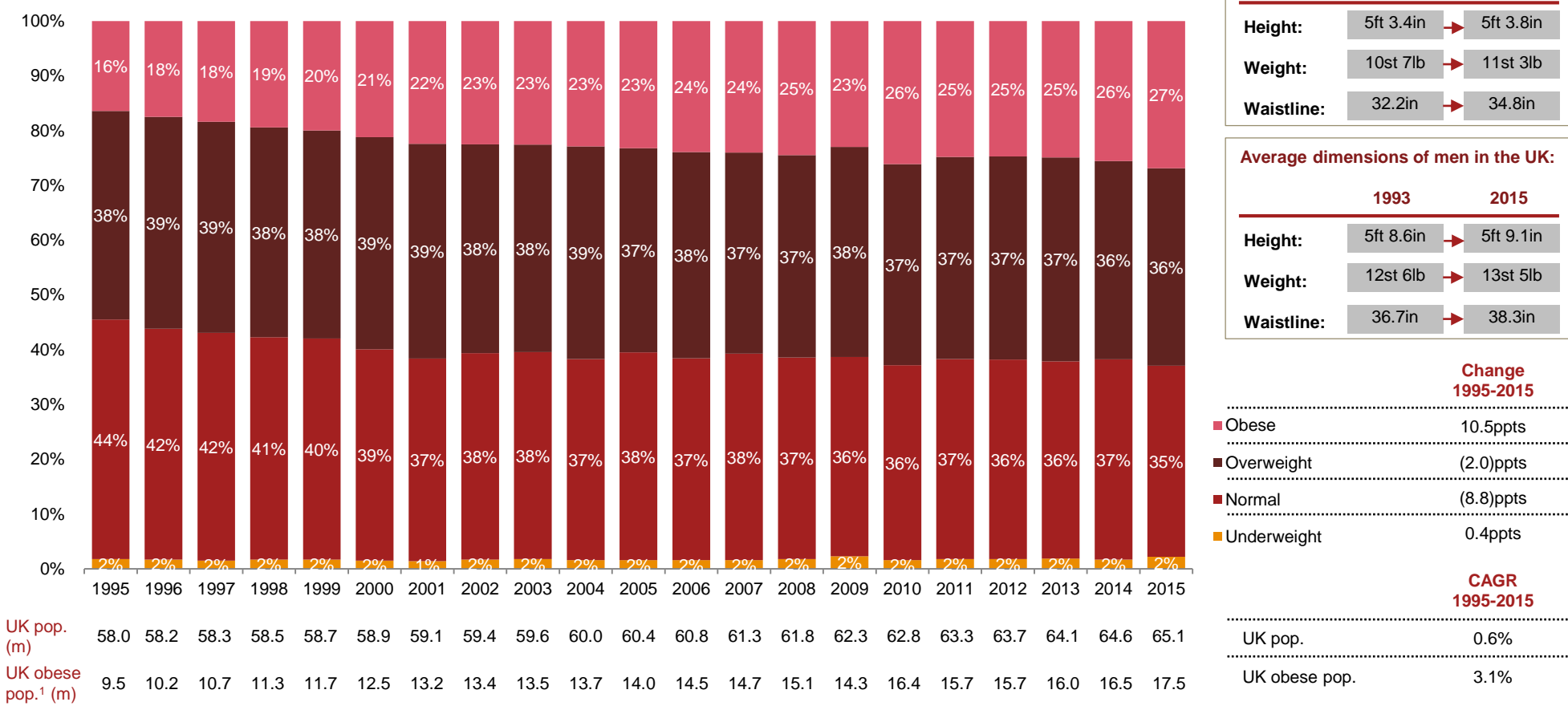


Forecast growth impact



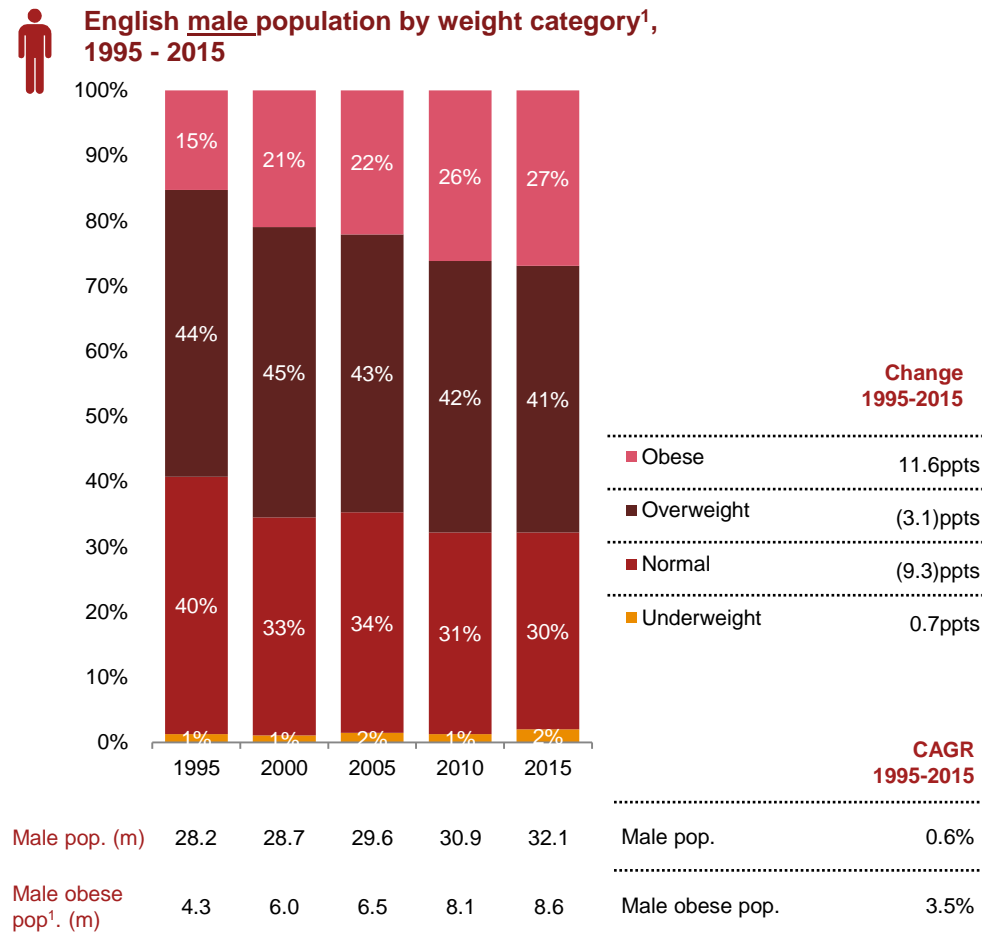
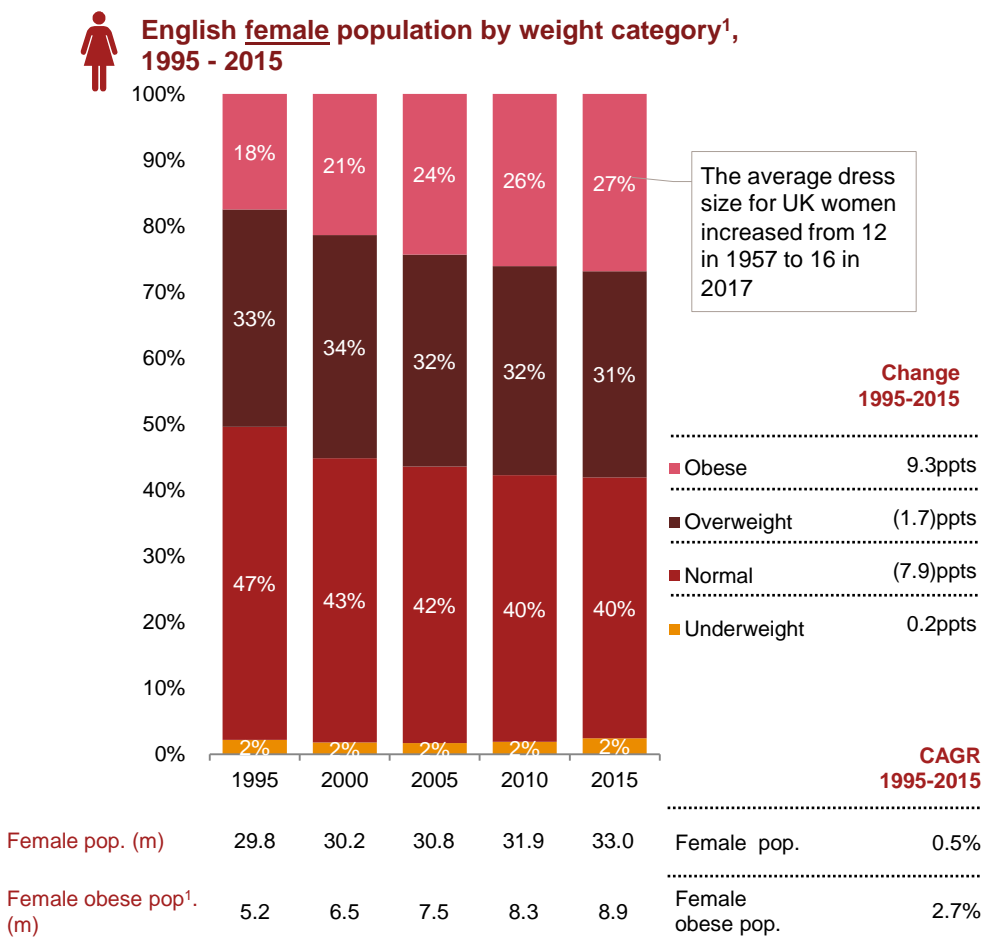
The proportion of obese people in the UK has been growing...

English population by weight category¹, 1995 - 2015



Note: 1. England weightings of weight categories applied to UK population. Underweight is BMI <18.5, normal is BMI 18.5-24.9, overweight is BMI 25-29.9 and obese is BMI >30
Source: ONS, NHS National Health Survey England 2015

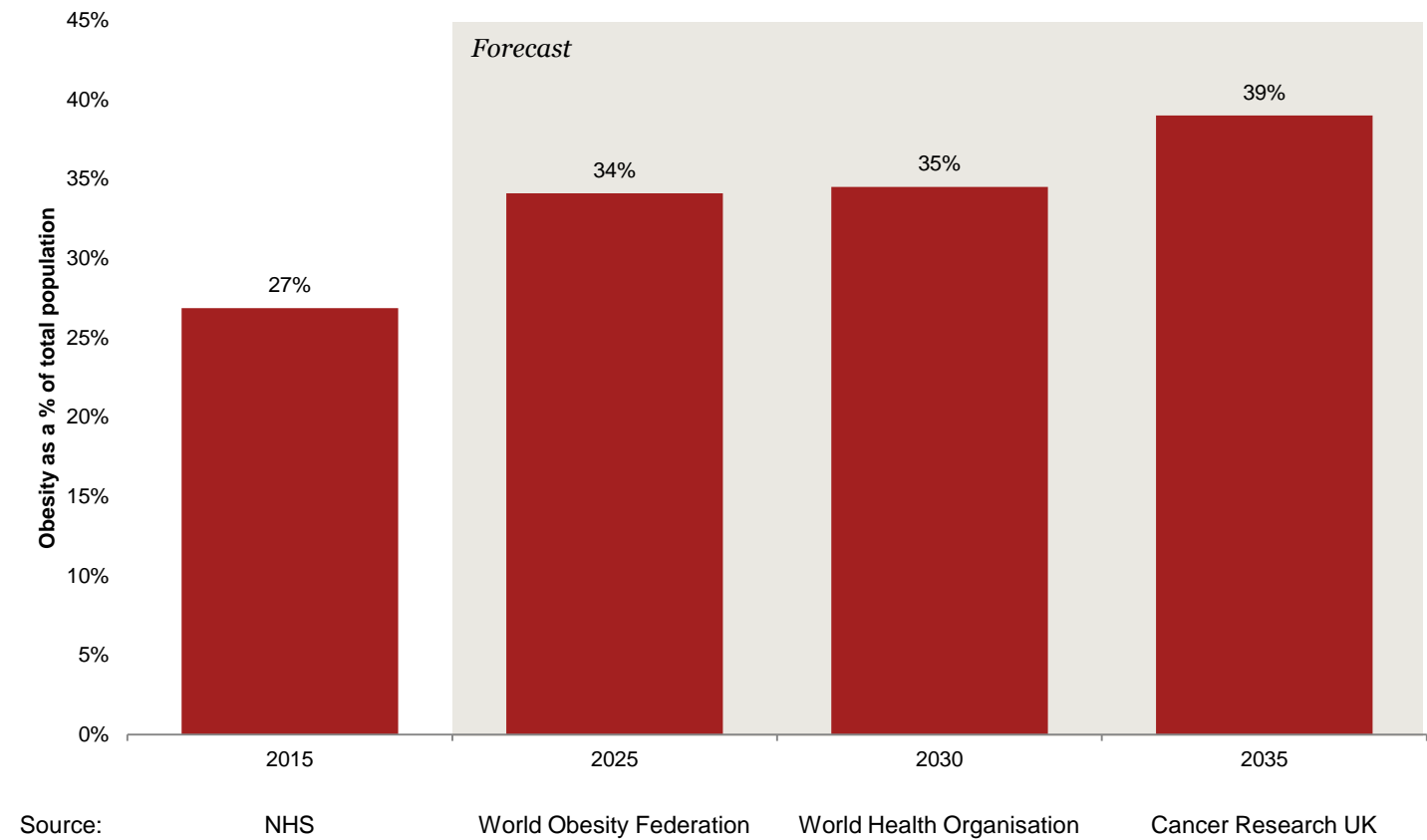
...across both genders



Note: 1. England weightings of weight categories applied to UK population. Underweight is BMI <18.5, normal is BMI 18.5-24.9, overweight is BMI 25-29.9 and obese is BMI >30
Source: ONS, NHS National Health Survey England 2015

Third party forecasts expect UK obesity rates to continue to grow in the long term

Forecast obesity rates in the UK as a proportion of the total population



“The cause of the rapid rise in obesity has been blamed on our modern lifestyles, including our reliance on the car, TVs, computers, desk-bound jobs and high-calorie food”
- NHS

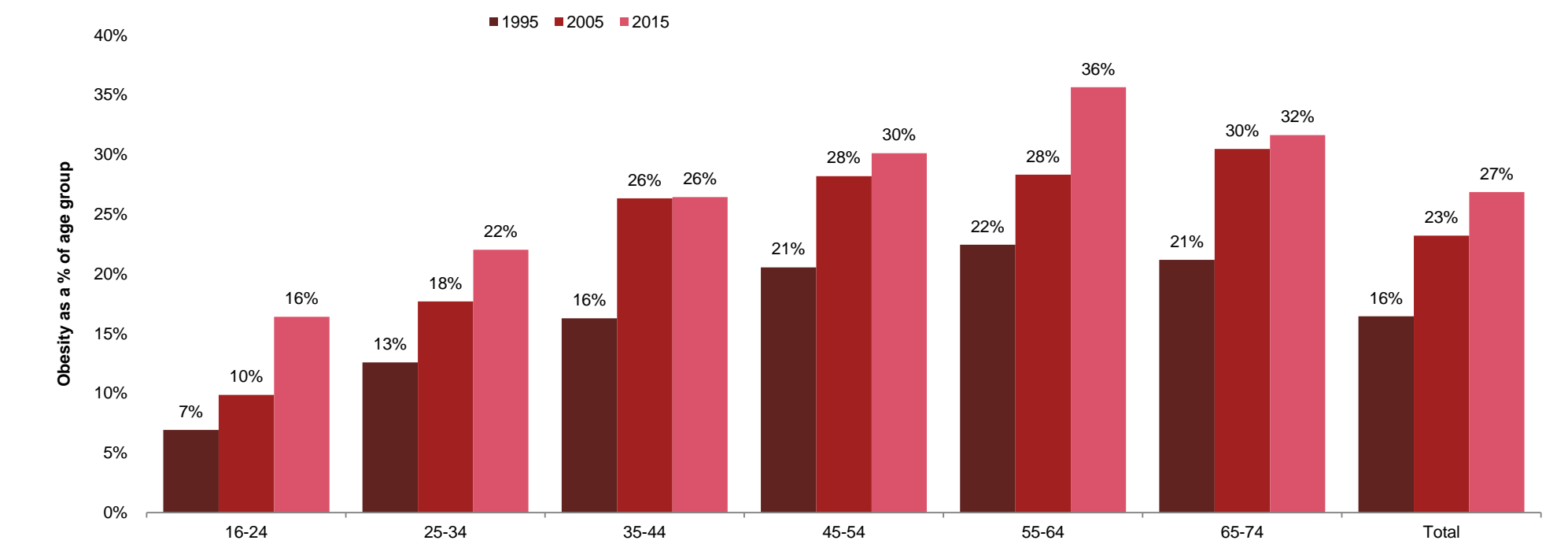
“The average distance a person walks for transport purposes has fallen from 255 miles a year in 1976 to 192 miles in 2003, while car use has increased by more than 10%”
- NHS

“The role of advertising in driving us towards unhealthy foods cannot be underestimated, especially when it comes to children, this is why chocolate and crisps brands are pumping millions into advertising every year”
- The Guardian

Source: NHS National Health Survey England, World Obesity Federation World Obesity Day Global Data on Number of Adults Affected (2015), World Health Organisation Modelling Obesity Project presentation at the European Congress on Obesity (2015), Cancer Research UK and UK Health Forum “Tipping the Scales: Why Preventing Obesity Makes Economic Sense” (2016), National Obesity Forum “State of the Nation’s Waistline” (2013)

Obesity is correlated with age...

Obesity in England by age group¹, 1995 - 2015



UK pop. growth

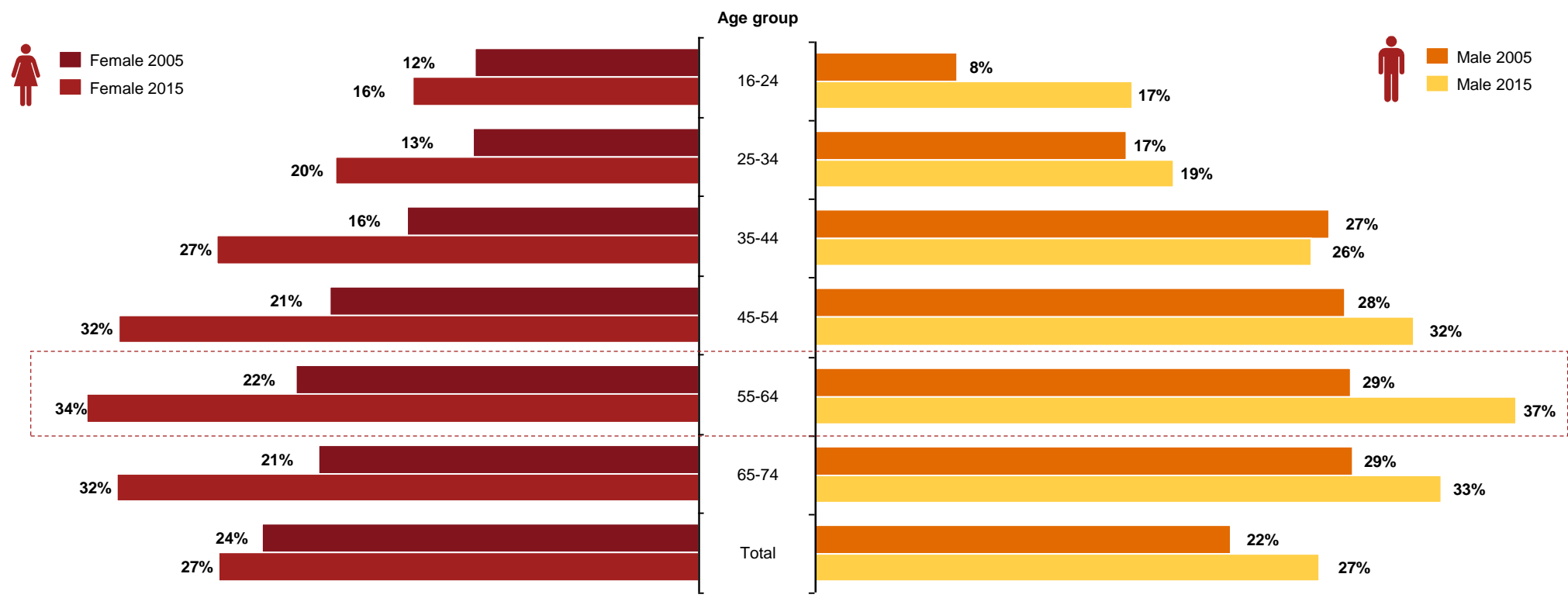
CAGR 2012-16	(0.6%)	1.0%	(0.7%)	0.9%	1.0%	2.8%	0.8%
CAGR 2016-21	(1.0%)	0.2%	0.6%	(1.1%)	2.4%	0.9%	0.6%

Note: 1. England weightings of weight categories applied to UK population
Source: ONS, NHS National Health Survey England 2015

Aging population supports growth of addressable market for plus size clothing

...with the highest obesity rates amongst middle-aged women and men

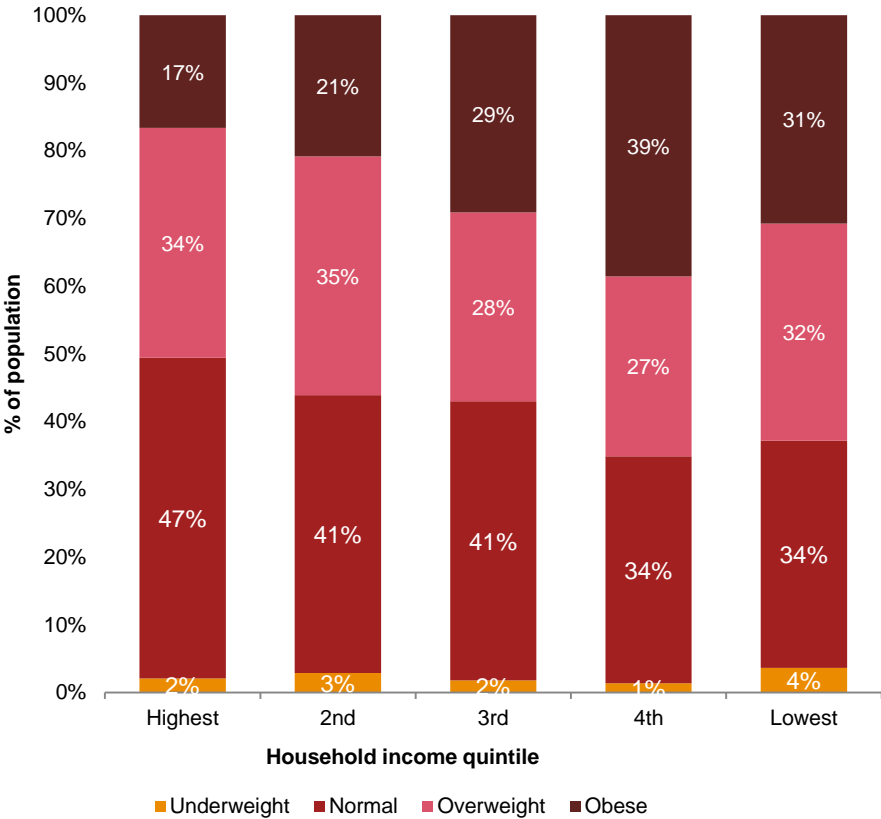
Obesity in England by age group and gender, 2005 - 2015



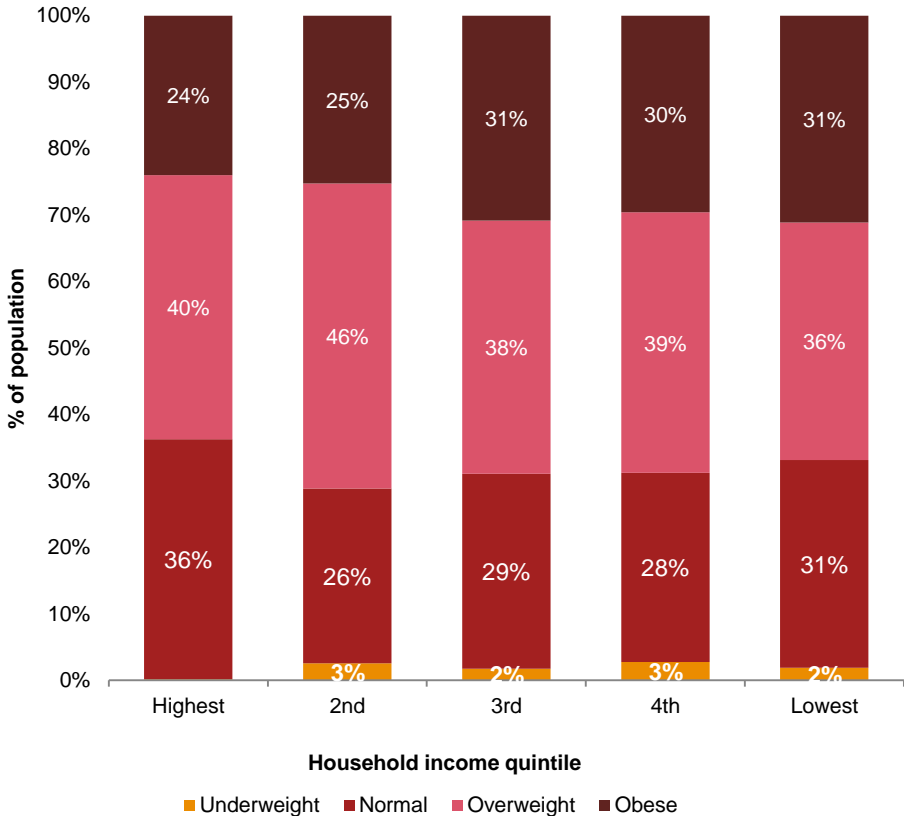
Source: ONS, NHS National Health Survey England 2015

Obesity also appears correlated with lower incomes, particularly amongst women

 English female population by income and weight category, 2015



 English male population by income and weight category, 2015



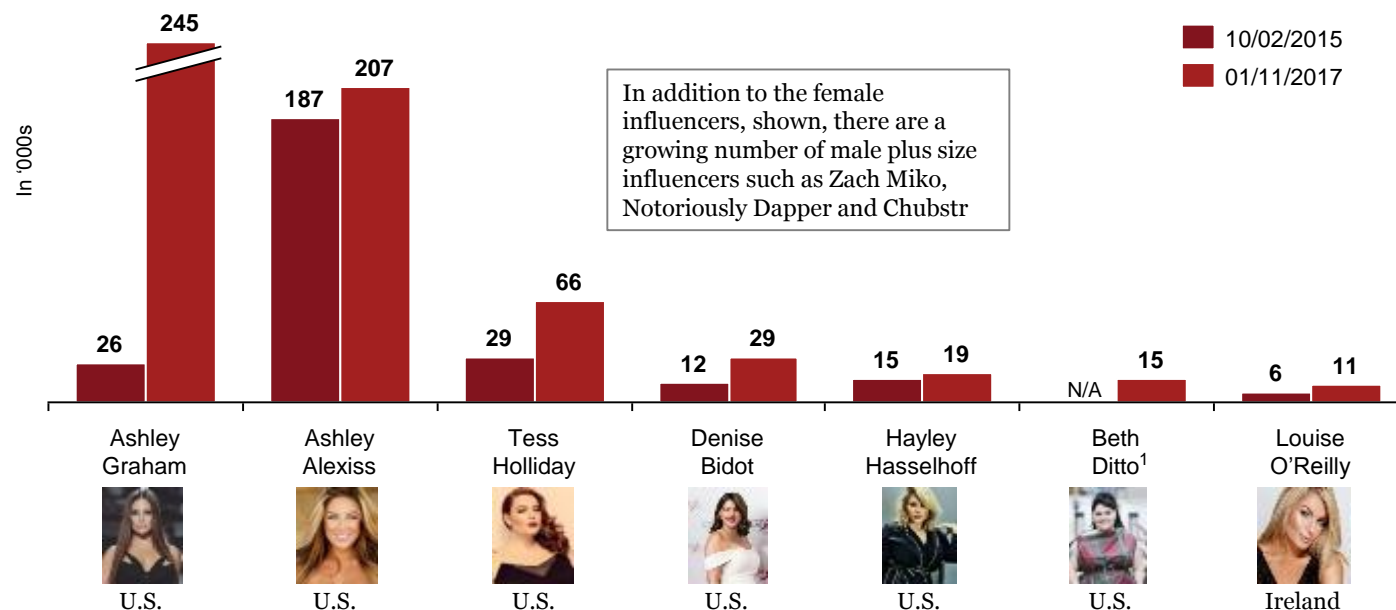
Source: ONS, NHS National Health Survey England 2015

Plus size influencers are becoming more popular and vocal...

Followers of plus size models, bloggers and celebrities across social media platforms



Number of Twitter followers, 2015-17



Number of Instagram and Facebook followers, November 2017:



Influencer	Instagram Followers (Nov 2017)
Ashley Graham	5.6m
Ashley Alexiss	1.2m
Tess Holliday	1.5m
Denise Bidot	449k
Hayley Hasselhoff	51k
Beth Ditto ¹	114k
Louise O'Reilly	44k



Influencer	Facebook Followers (Nov 2017)
Ashley Graham	2.5m
Ashley Alexiss	5.3m
Tess Holliday	1.7m
Denise Bidot	84k
Hayley Hasselhoff	449k
Beth Ditto ¹	408k
Louise O'Reilly	17k

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"I will not let others dictate what they think my body should look like for their own comfort, and neither should you"

– Ashley Graham

"I am celebrating existing in my body and loving myself, when everybody said I wasn't worth anything."

– Tess Holliday

"Fashion was always a way to feel good. I lived vicariously through my outfits; if I didn't feel comfortable in my figure, I felt great when I had a good outfit on."

– Hayley Hasselhoff

Note: 1. Number of Twitter followers in 2015 not available for Beth Ditto. Source: Crimson Hexagon (data extracted on 16/11/2017), Social media websites, Press search

...which together with broader media coverage and trade advocacy...

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Media

Publications

Plus size magazine
'*Evolve*' (Since 2013)



Sports Illustrated features first
plus size model (Feb. 2016)



TV

"Plus Sized Wars"
documentary
(Channel 4, 2015)



"18-30 Stone Holiday" TV
series (ITV, 2017)



News



*Good Morning
Britain* debate on
plus size pricing
(Nov. 2017)

INDEPENDENT

Independent
article on plus size
men (Mar. 2016)



Meet the pioneering plus-size male
models and agents spearheading the
male body positivity movement

Trade

'Mainstream'



Dove's "Real Beauty"
campaign" (Since 2004)



Plus size at New York
Fashion Week (2017)



Models 1 agency set up
'Curve' (Since 2012)

'Specialist'



UK Plus Size Fashion Week
(UKPSFW), founded in 2012 by
Rianne Ward, Editor-in-Chief of
Evolve magazine

Plus size beauty awards

BRITISH
PLUS SIZE
AWARDS
(Since 2013)

(Since 2013)



Ms. Curvaceous
(Since 2013)

Curve Model Management,
plus size-only modelling
agency (August 2011)



CURVE

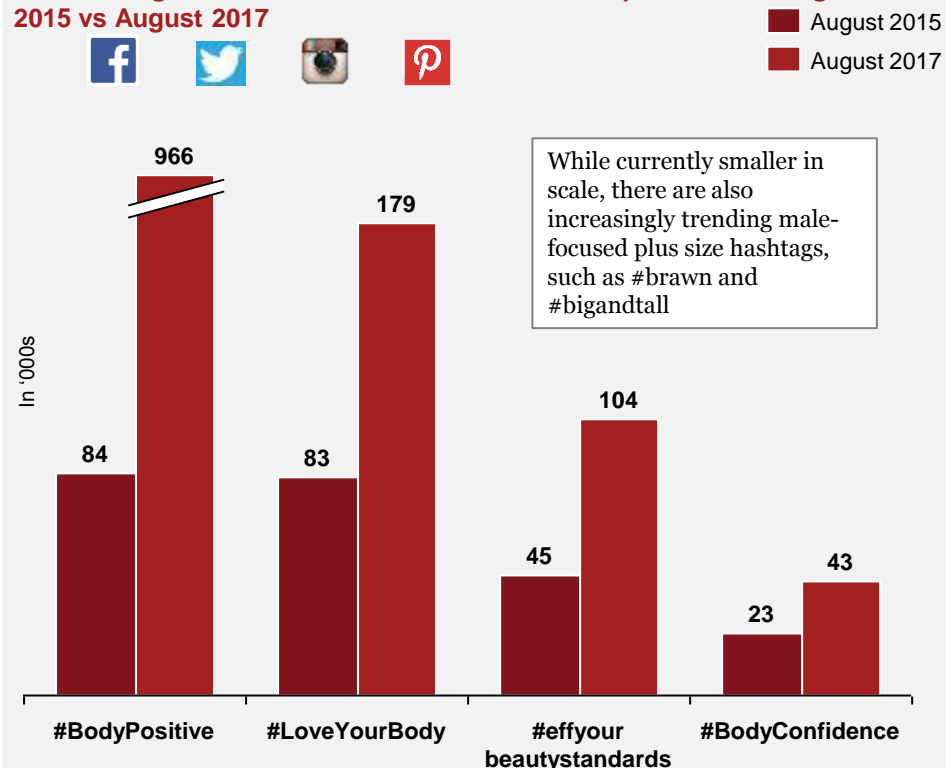
Source: Press search, Social media websites, PwC analysis

...is increasing body confidence amongst plus size customers

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Plus size is becoming a hot topic on various social media platforms...

Number of global mentions¹ across social media platforms in August 2015 vs August 2017



...and is associated with “positive body” image and “body confidence”

Selected consumer quotes from social media platforms

*“**Body positive** means learning to love yourself, and learning to ignore what society believes you should or shouldn’t look like”*
– #BodyPositive

*“I know it’s hard to look in the mirror and **love the curvier parts** of your body, but who decided that curves aren’t beautiful? The only person who can make **you love your body** is you”*
– #LoveYourBody

*“Instead of being insecure about your body... love what you have! **Confidence is beautiful!**”*
– #BodyConfidence

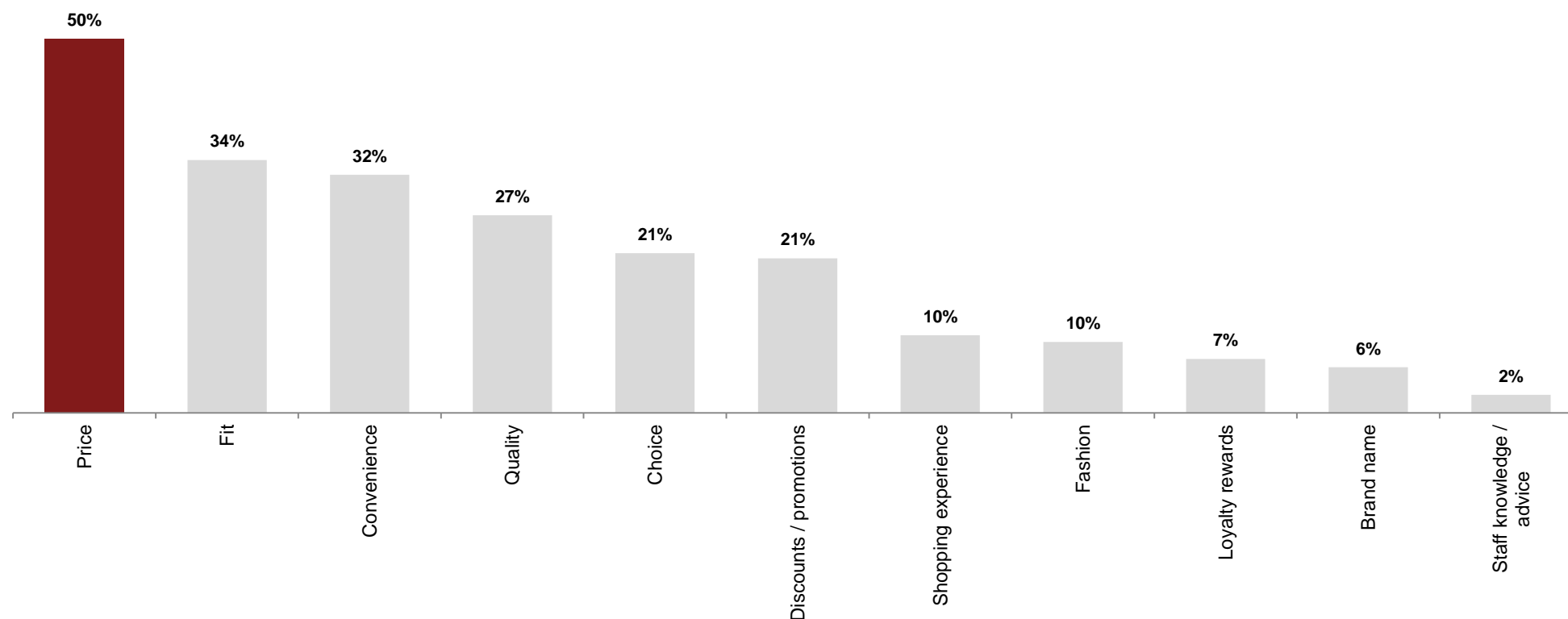
*“**ASOS** has stopped airbrushing their pictures. **Stretchmarks** on a model! This is amazing. Well done ASOS.”*
– #Stretchmarks

Note: 1. Number of mentions includes words appearing in sequence, with and without hashtags, across various social media platforms including blogs

Source: Crimson Hexagon (data extracted on 16/11/2017), Social media websites

Price is the most important purchasing criteria for plus size shoppers

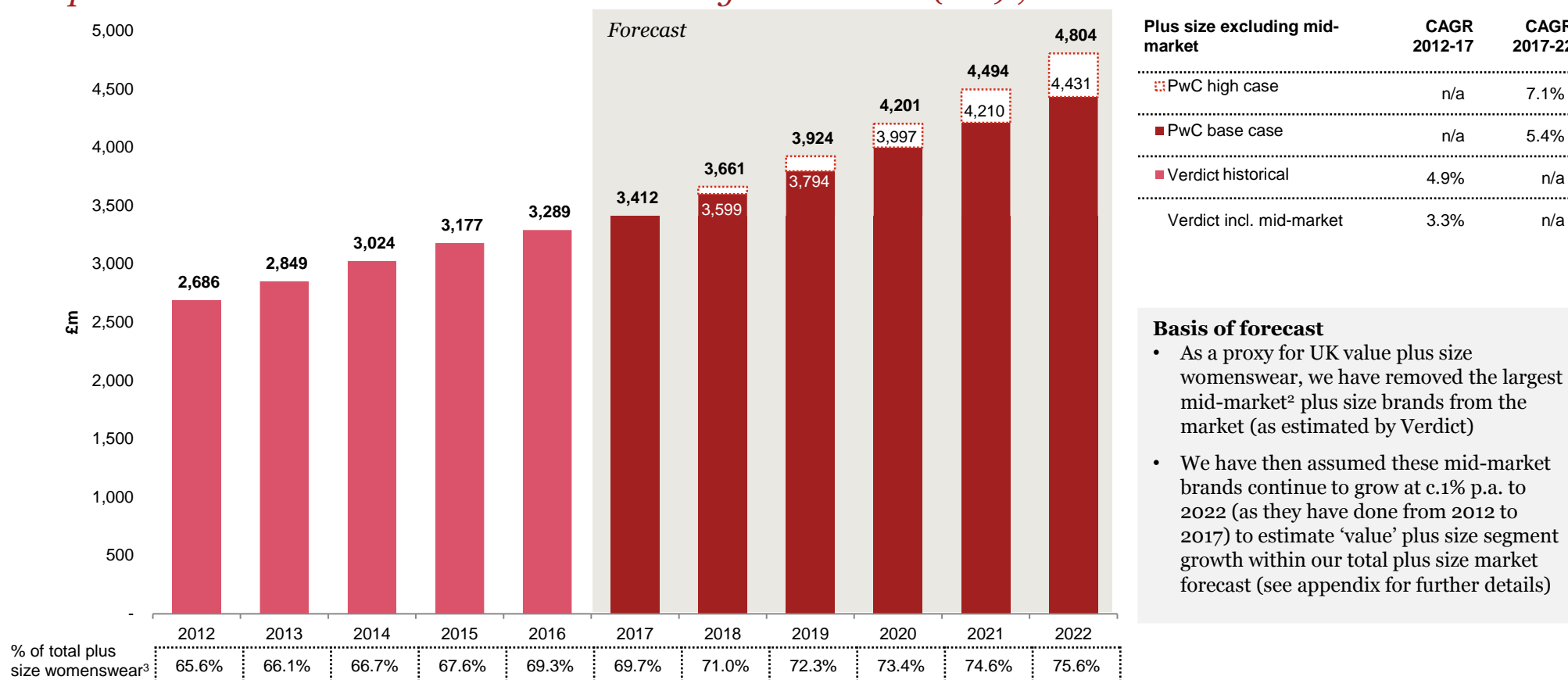
% of female plus size shoppers citing criteria as a reason for buying plus size clothing in a 12 month period, 2016



Source: Verdict 2016 survey of 5,000 respondents (respondents able to choose multiple criteria)

...driving growth in the value segment of the plus size market

UK plus size womenswear market size excluding mid-market (£m)¹, 2012-22F

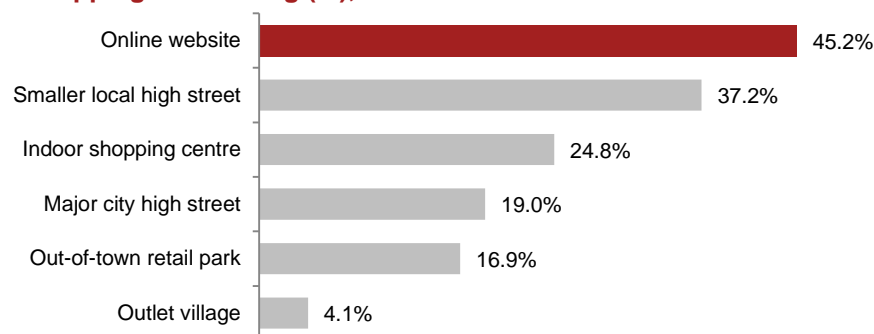


Note: 1. Market data expressed in current prices, incl. VAT. 2. We have excluded mid-market retailers 2012-17 and assumed 2017-22 growth of these retailers is the same as growth for 2012-17. Mid-market defined as M&S, Next, Shop Direct, Debenhams, BHS and Edinburgh Woollen Mill. 3. Market share forecast compares high case of plus size womenswear excluding mid-market to high case of total plus size womenswear.
Source: Verdict (2017), NHS Health Survey, PwC Analysis

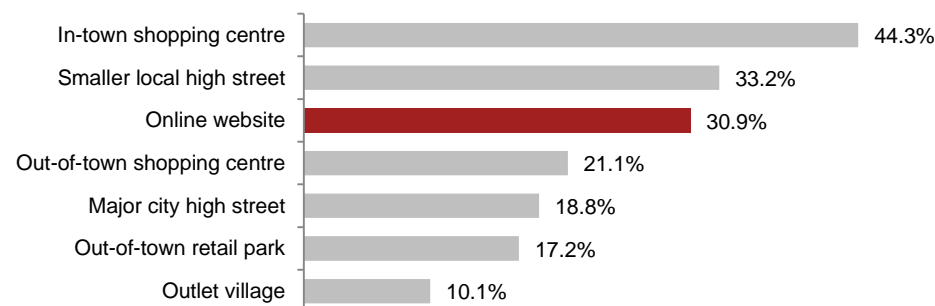
Plus size shoppers prefer to shop online more than the average woman, driving share gains of the online channel

Plus size shoppers prefer to shop online more than the average woman...

Preferred location of plus size womenswear consumers when shopping for clothing (%),¹ 2016

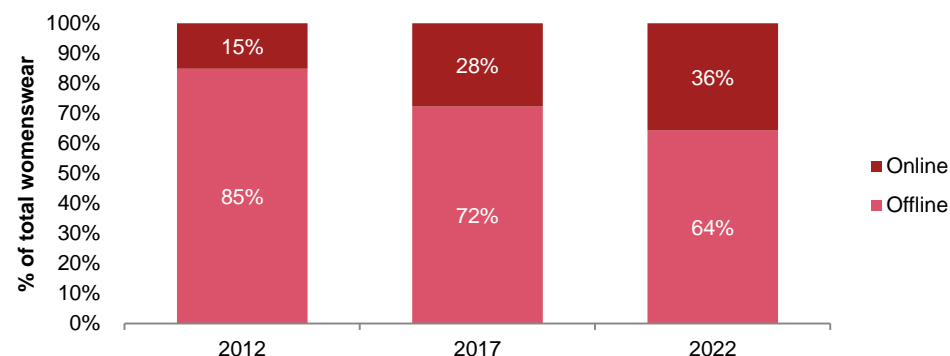


Preferred location of all womenswear consumers when shopping for clothing (%),¹ 2017



...which is reflected in the retailers entering and growing in the plus size market

Online penetration in womenswear, 2012-22F



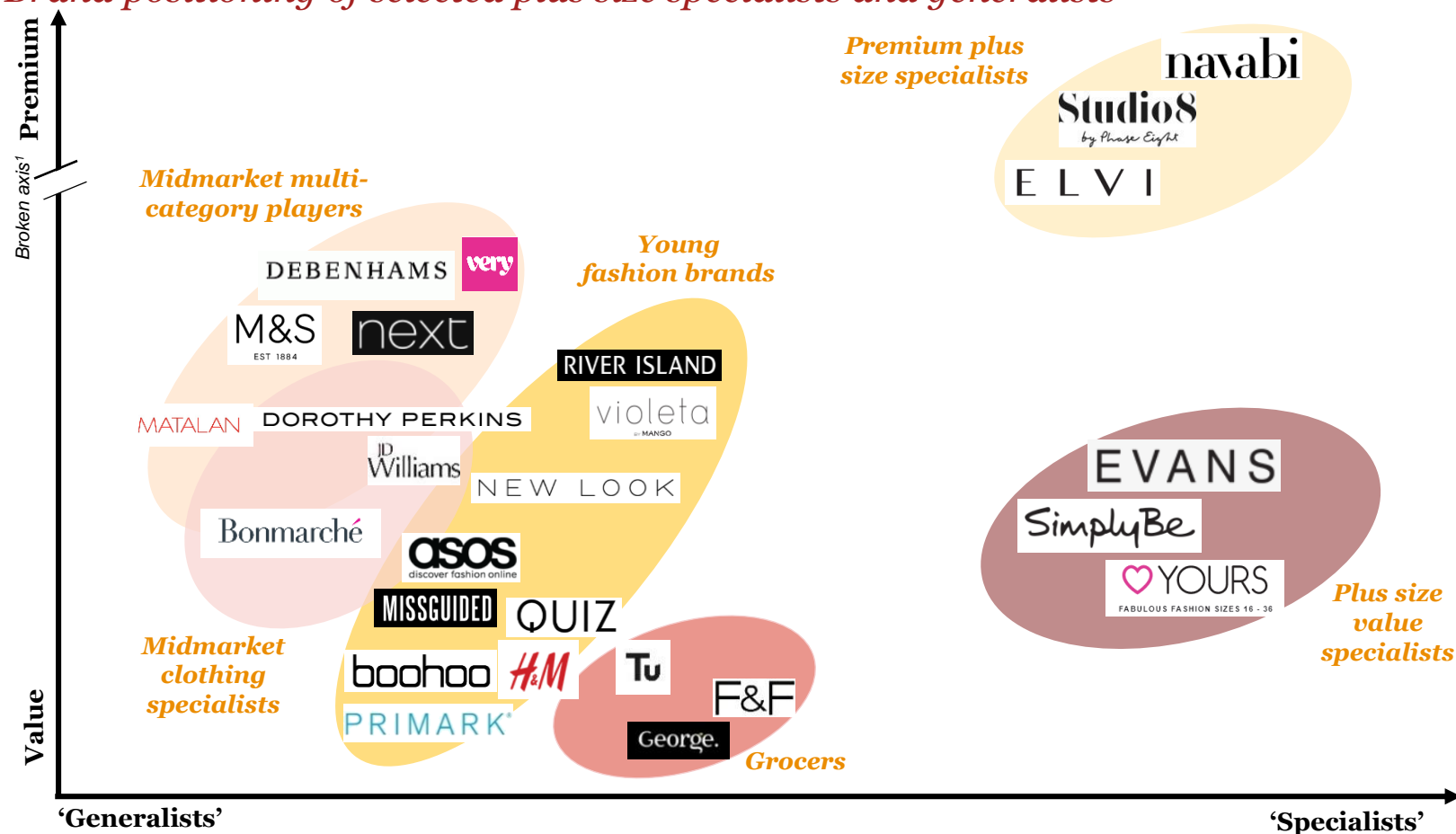
- A number of the recent plus size market entrants have a strong online weighting, including pure online players such as ASOS and Boohoo
- Existing players in the industry are also generally heavily focused on the online channel, either as pure play (e.g. SimplyBe, Jacamo) or as retailers with a significant online emphasis (e.g. Yours Clothing)

Note: 1. Plus size 2016 survey did not include 'out of town shopping centre', as included in the total womenswear survey
Source: Verdict 2017 survey of 5,000 respondents, Verdict 2016 survey of 5,000 respondents

There are distinct business models in the plus size market...

Brand positioning of selected plus size specialists and generalists

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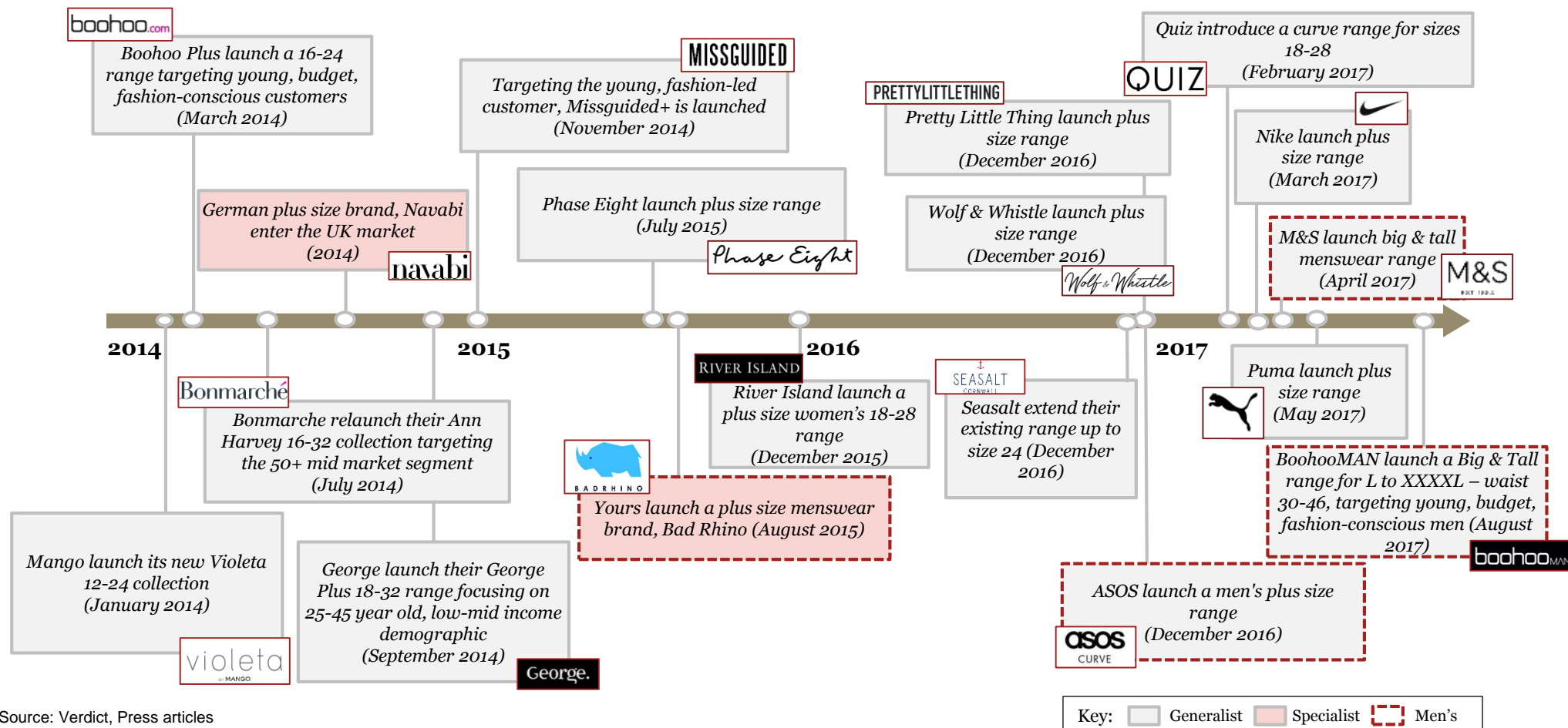


Note: 1. Y-axis is split to show the gap in pricing between the mid-market and premium players

Source: Retailer websites, PwC analysis

...with a recent influx of new brands and sub brands launched over the past few years

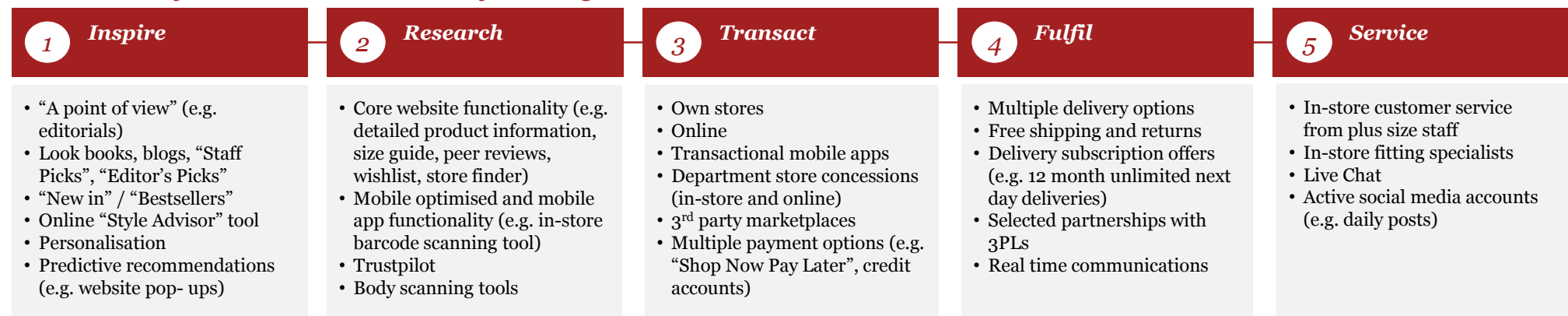
Selected UK plus size market entrants



Source: Verdict, Press articles

These brands are innovating across the end to end customer journey

Overview of retailers' customer journey



Examples

EVANS
STYLE ADVISER
Dress with confidence, every day
Personalised advice on what to wear and how to wear it

DON'T HOLD BACK & #SimplyBeReal
Create your own #SimplyBe moment. Partying for a weekend or just chilling in a cool bar. Show us the real you and don't hold back. Have fun creating a #SimplyBe moment. Upload your fabulous photos, add a cool border and then express yourself by choosing a #SimplyBe message. Share your moment, celebrate who you are, do it!

How to create your own #SimplyBe moment
1. Upload & edit your photos
2. Choose & edit your messages
3. Pick a cool border
4. Share your meme

TRUSTPILOT

EVANS ON THE GO
Shop with the Evans app
Check stock
Browse and shop

navabi
SHOP BY BODY SHAPE

M&S Shop
A valid barcode scanner

ASOS
discover fashion online

HOUSE OF FRASER
SINCE 1949

Klarna
Next generation payment services

SPREAD THE COST
SHOP WITH A FASHION ACCOUNT
OOH, TEL

Simply Be credit account

collect+
parcels made easy

myHermes
Makes delivery easy

ASOS PREMIER DELIVERY UK
Sign up to Premier Delivery UK for unlimited next-day or nominated-day delivery with no minimum order value for a whole year. Speedy, hassle-free shopping just got even better.
ONLY £9.95 FOR 12 MONTHS

YOURS
CLICK & COLLECT
INSTORE FOR FREE
Is your size not available in store? Seen something online but popping into town in the next few days? Click & Collect is for you - order online and collect for free from one of our stores nationwide.
HOW IT WORKS
1. Choose your nearest store from our store locator page.
2. Shop online and select your preferred Click & Collect item. Add to basket and select your store from the list.

ASDA
COLLECTIONS & RETURNS
COLLECT YOUR PARCEL FROM 600+ ASDA STORES. PLUS RETURN YOUR ITEMS FOR FREE

Very's customer service AI

navabi
Shop Now
Message

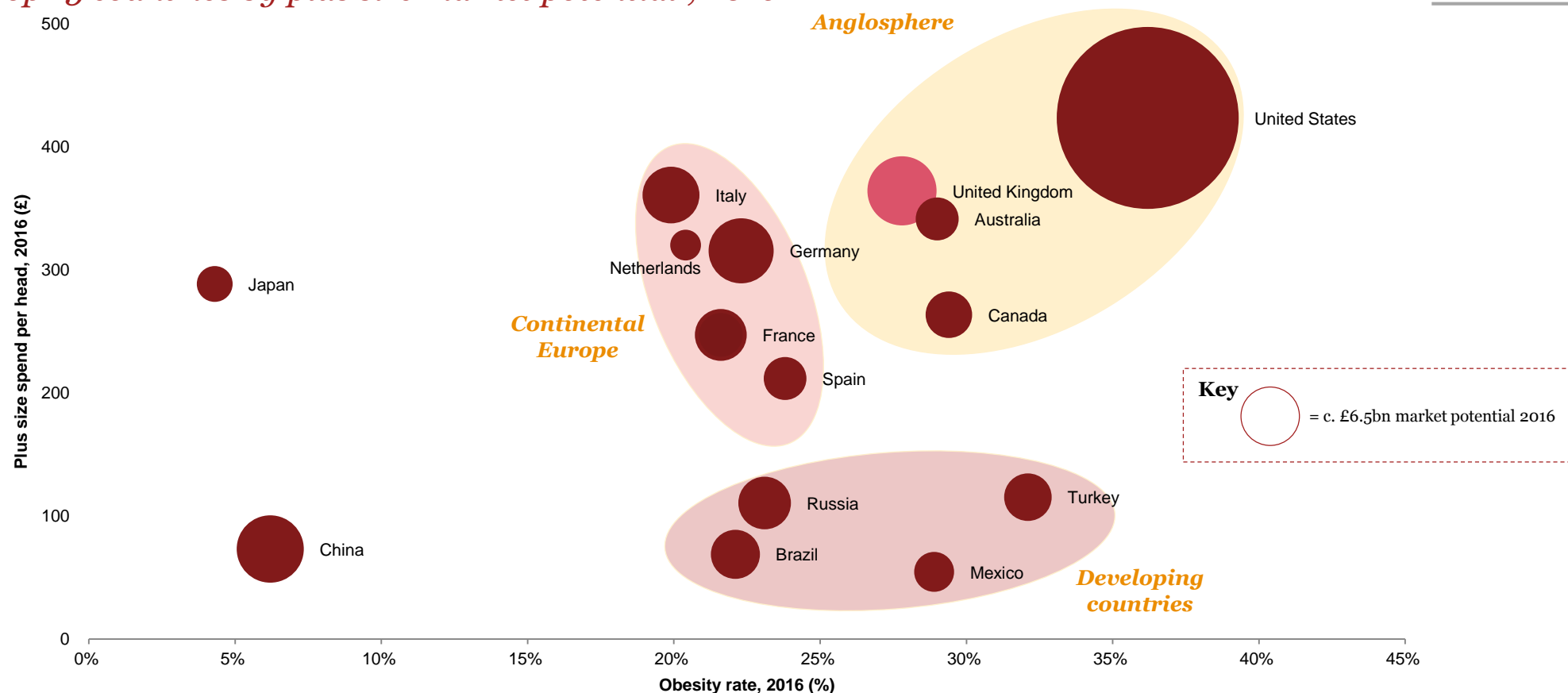
Sera
Info at 11:08, Nov 15
Thank you for choosing to chat with us. An agent will be with you shortly.
11:08, Nov 15
chatting with Sera.

Source: Retailer websites, PwC analysis

We estimate that there are a number of attractive plus size clothing markets around the world

Top 15 countries by plus size market potential¹, 2016

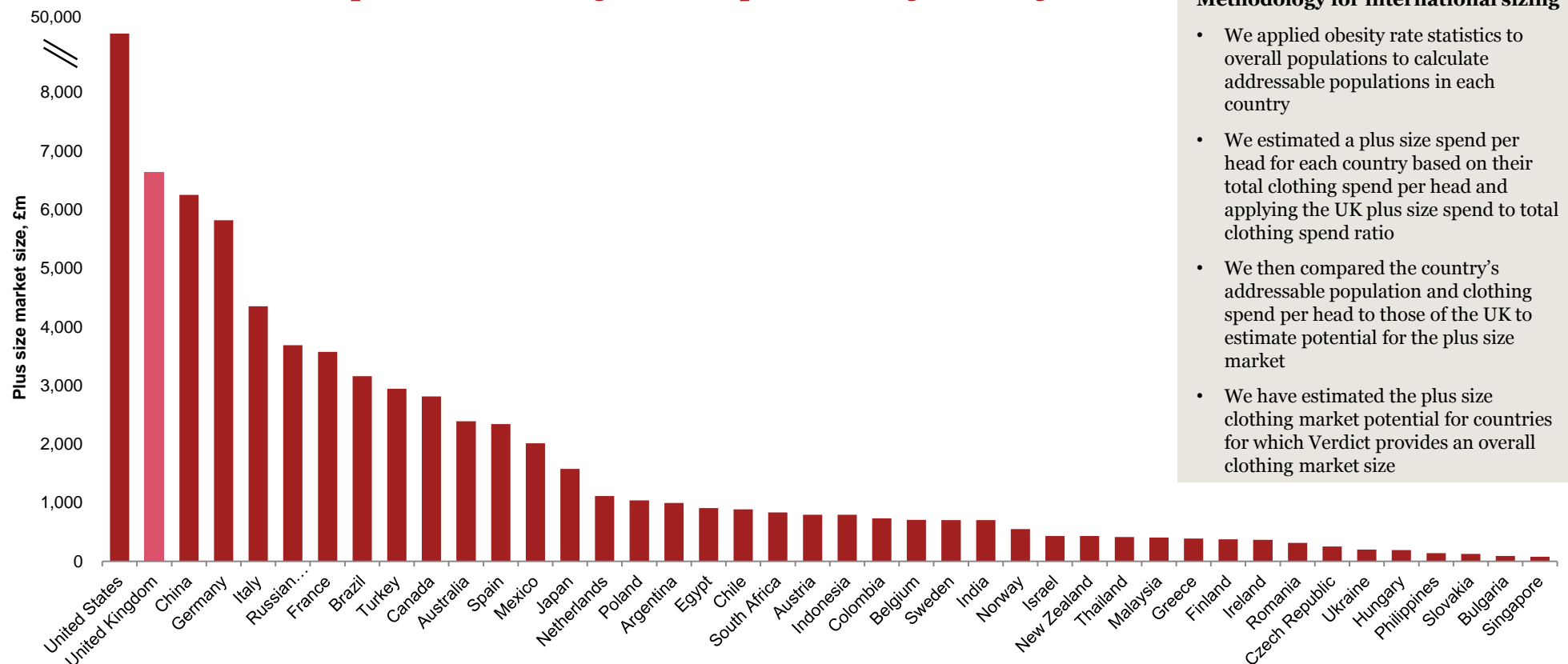
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Note: 1. Using the UK as a benchmark, we have applied a ratio between UK and international countries obese populations and overall clothing spend per head, to calculate market potential in international countries. Countries selected based on available Verdict clothing market data
Source: Verdict, World Bank, World Health Organisation, PwC Analysis

We have estimated the plus size market potential for a number of countries using the UK as a benchmark...

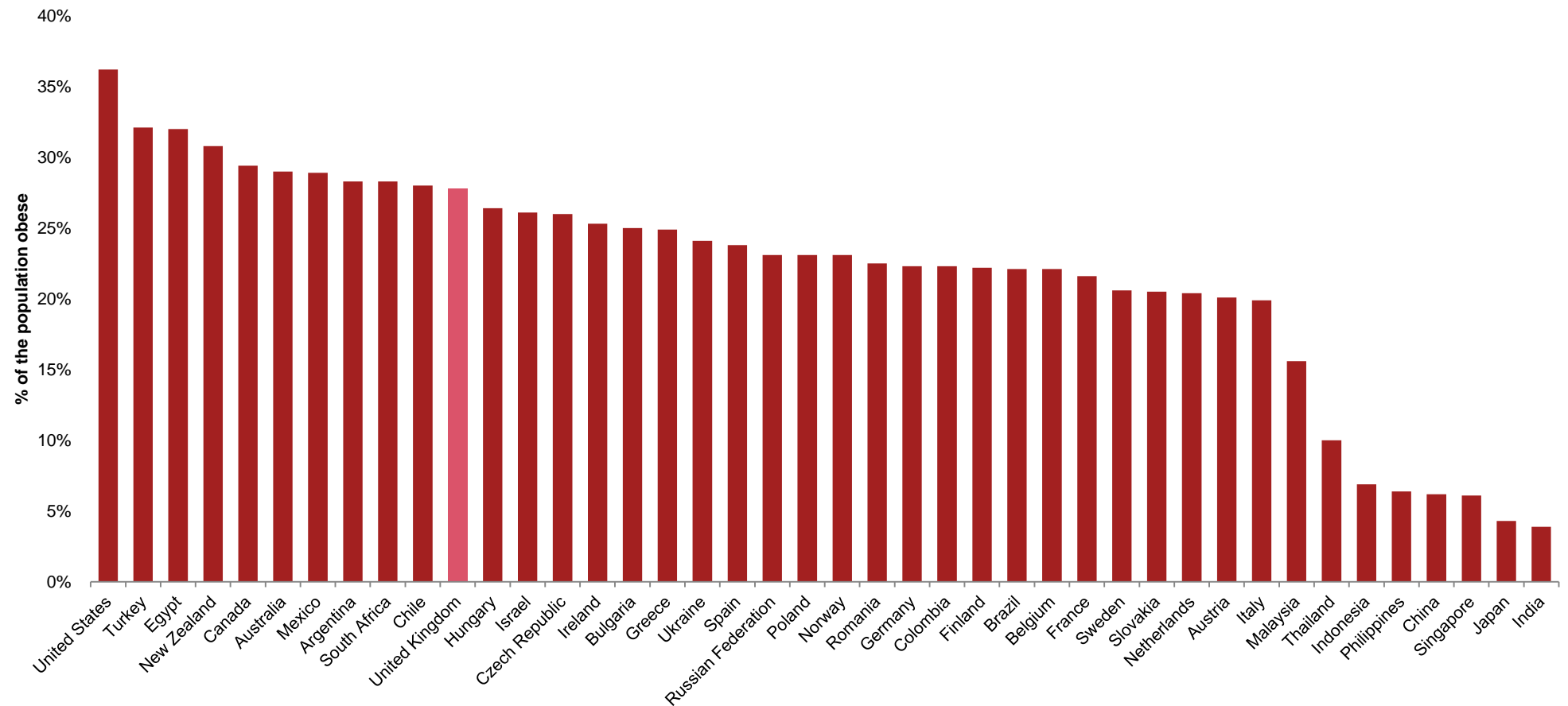
Estimated international plus size clothing market potential by country, 2016



Source: Verdict, World Bank, World Health Organisation, PwC Analysis

...based on obesity rates by country and...

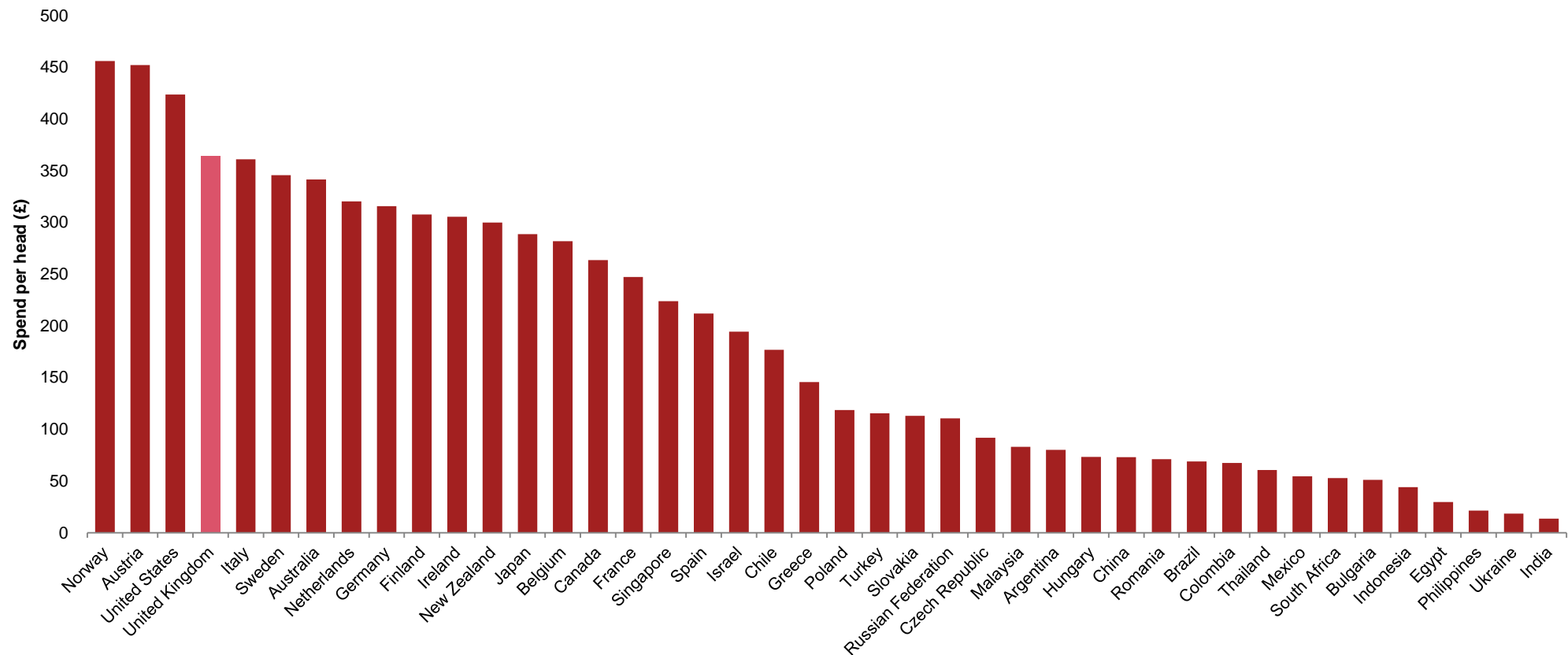
Proportion of obese population by country, 2016



Source: World Health Organisation

...plus size clothing spend per head (using the UK as a proxy)

Spend per head on plus size clothing and footwear, by country, 2016

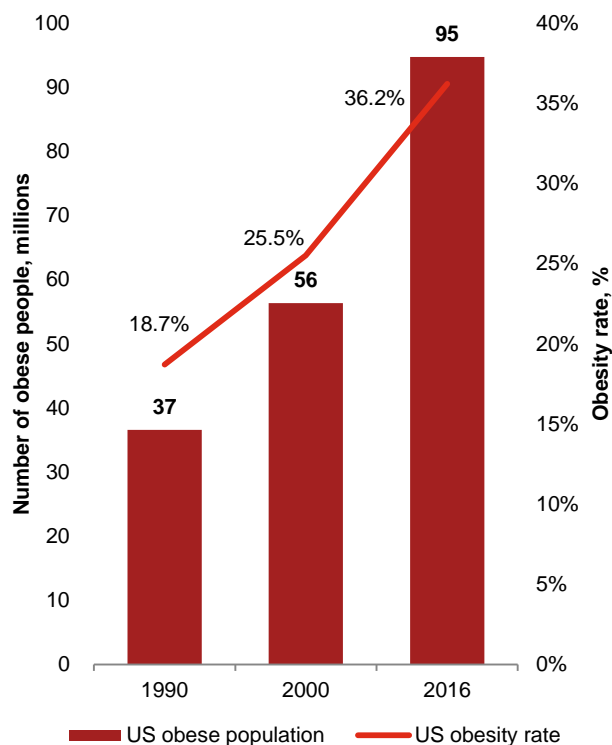


Source: Verdict, World Bank

We estimate the US to be the largest plus size clothing market at c.US \$68bn (c.£50bn)

The US has a large and growing addressable population...

US obese population and obesity rate, over time, millions



Source: NPD, PwC Analysis, World Health Organisation, Company Websites, World Bank, Verdict

...similar to the UK, the market has experienced a number of new entrants...

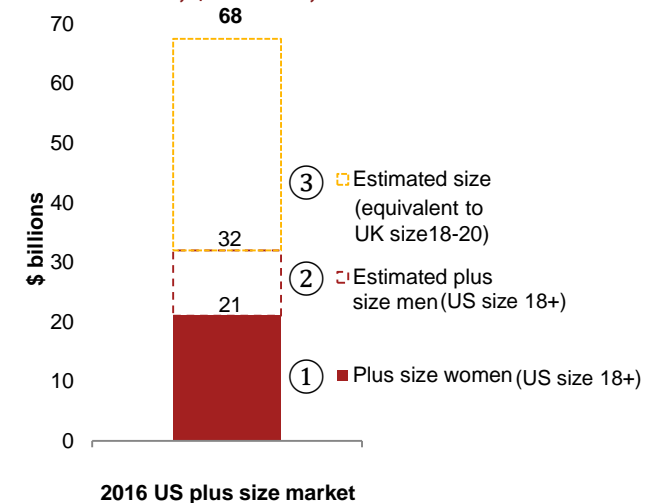
ILLUSTRATIVE



...resulting in a large plus size clothing market

Estimated US plus size market size, \$ billions, 2016

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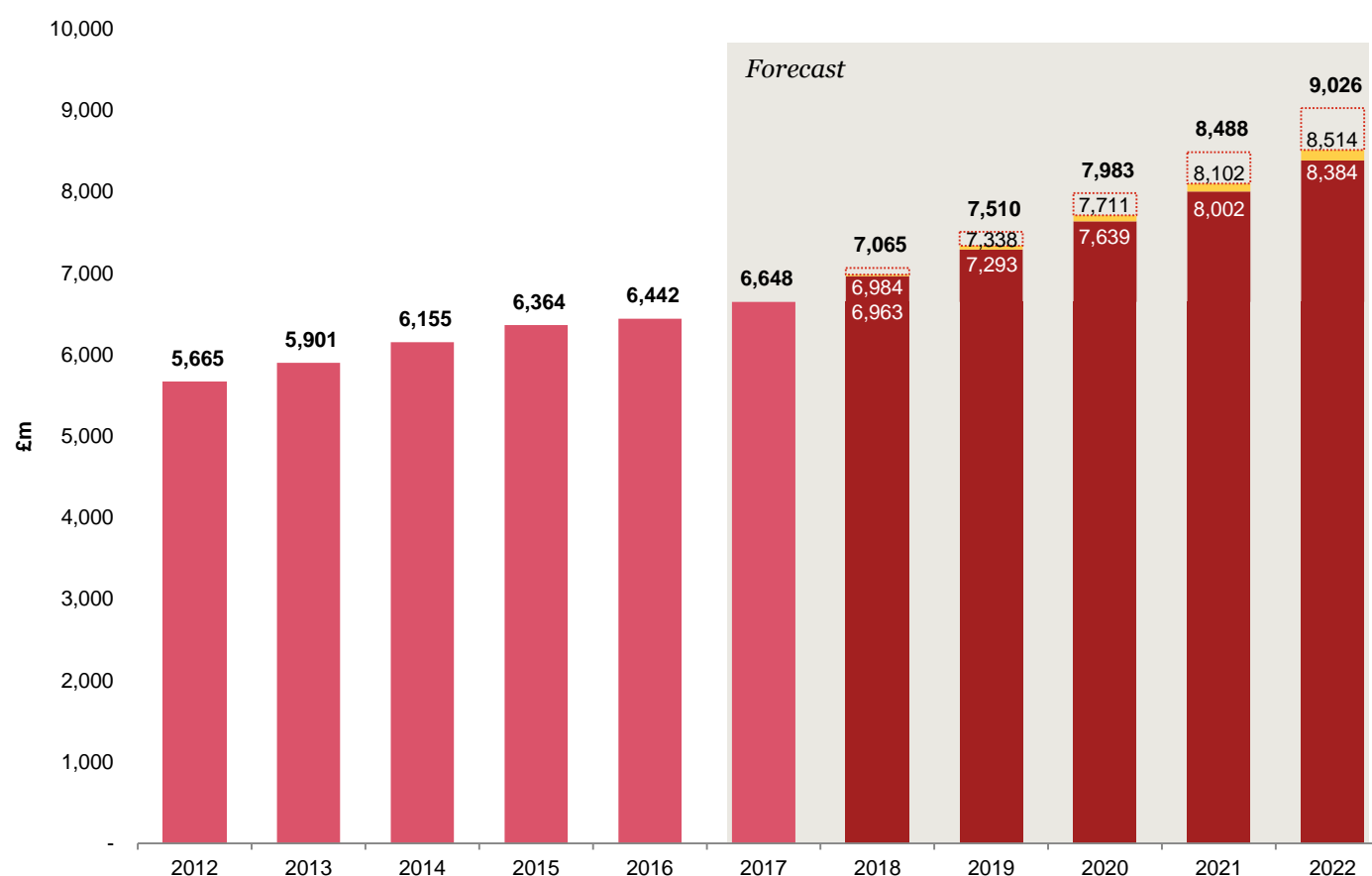


1. NPD defines the US plus size womenswear market as above US size 18 (equivalent to UK size 22), which it estimates to be c. \$21bn
2. Assuming a similar gender split to that of the UK adds c. \$11bn, for men sizes 18+ (equivalent)
3. We have estimated the remainder of the US plus size market (to be equivalent of UK size 18+) using our international sizing methodology shown previously

Appendix

We have triangulated our UK market forecasts with NHS Health Survey waist circumference data, which falls between our base and high case scenarios

Total UK plus size clothing market size¹ (£m), 2012-22F



	CAGR 2012-17	CAGR 2017-22
PwC forecast high case	n/a	6.3%
PwC forecast (waist)	n/a	5.1%
PwC forecast base case	n/a	4.7%
Verdict historical	3.3%	n/a

Basis of forecast

- We have triangulated our addressable population assumptions (based on BMI as outlined previously) with waist circumference data from NHS's annual Health Survey
- Our addressable population includes men and women split by age groups with high a waist circumference (defined as 88cm+ for women and 102cm+ for men). We have then extrapolated the most recent trend (2012-15) as the basis of our forecast²

Note: 1. Market data expressed in current prices, incl. VAT. 2. We have forecast growth in the proportion of UK men and women with high waist circumferences (defined as 88cm+ for women and 102cm+ for men, which falls between a size 16-18 for women and XL for men, depending on retailer)

Source: Verdict (2017), NHS National Health Survey England, PwC Analysis

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