

Statistical bulletin

# Retail sales, Great Britain: November 2018

A first estimate of retail sales in volume and value terms, seasonally and non-seasonally adjusted.



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# 1 . Main points

- In the three months to November 2018, the quantity bought in retail sales showed an increase of 0.4% when compared with the previous three months due to growths in non-food stores and online retailing.
- The quantity bought in November 2018 when compared with October 2018 increased by 1.4%, with a strong monthly growth of 5.3% in household goods stores.
- Strong growth of 5.3% in household goods stores provided the largest contribution to overall growth within non-food stores.
- Retailers reported strong growth on the month due to Black Friday promotions in November, which continues the shifting pattern in consumer spending to sales occurring earlier in the year; the non-seasonally adjusted growth rate in November 2018 was 13.2% in comparison with 8.7% in November 2013.
- In November 2018, online sales as a proportion of all retailing exceeded 20% for the first time, with all online retailing accounting for 21.5% of total retailing on a non-seasonally adjusted basis.

## 2 . Things you need to know about this release

This bulletin presents estimates of the quantity bought (volume) and amount spent (value) in the retail industry for the four-week period 28 October 2018 to 24 November 2018.

The official Black Friday day of promotions was on 23 November and is included in our reference period. Cyber Monday, however, will be included in December's release as it took place on 25 November.

Unless otherwise stated, the estimates in this release are seasonally adjusted.

The Retail Sales Index (RSI) measures the value and volume of retail sales in Great Britain on a monthly basis. Data are collected from businesses in the retail industry and the survey's results are used to produce seasonally adjusted monthly, quarterly and annual estimates of output in the retail industry at current price and at chained volume measures (removing the effect of price changes).

The RSI is an important economic indicator and one of the earliest short-term measures of economic activity. It is used in the compilation of the national accounts and widely used by private and public sector institutions, particularly by the Bank of England and Her Majesty's Treasury to assist in informed decision- and policy-making.

Summary information can be found in the [RSI Quality and Methodology Information report](#).

### 3 . Main figures for total retail sales

Table 1: Main figures, November 2018  
Seasonally adjusted, percentage change, Great Britain

	<b>Most recent month on a year earlier</b>	<b>Most recent 3 months on a year earlier</b>	<b>Most recent month on previous month</b>	<b>Most recent 3 months on previous 3 months</b>
Value (amount spent)	5.0	4.8	1.5	0.6
Volume (quantity bought)	3.6	3.1	1.4	0.4
Value (excluding automotive fuel)	4.4	4.2	1.4	0.6
Volume (excluding automotive fuel)	3.8	3.4	1.2	0.5

Source: Office for National Statistics

In November 2018, both the amount spent and quantity bought in retail sales showed growth across all measures (Table 1). When compared with the previous month, the amount spent increased by 1.5% and the quantity bought increased by 1.4%, recovering from a decrease of 0.4% in both September and October 2018.

The strongest growth can be seen in comparison with the same period a year earlier where the amount spent increased by 5.0% and the quantity bought increased by 3.6%.

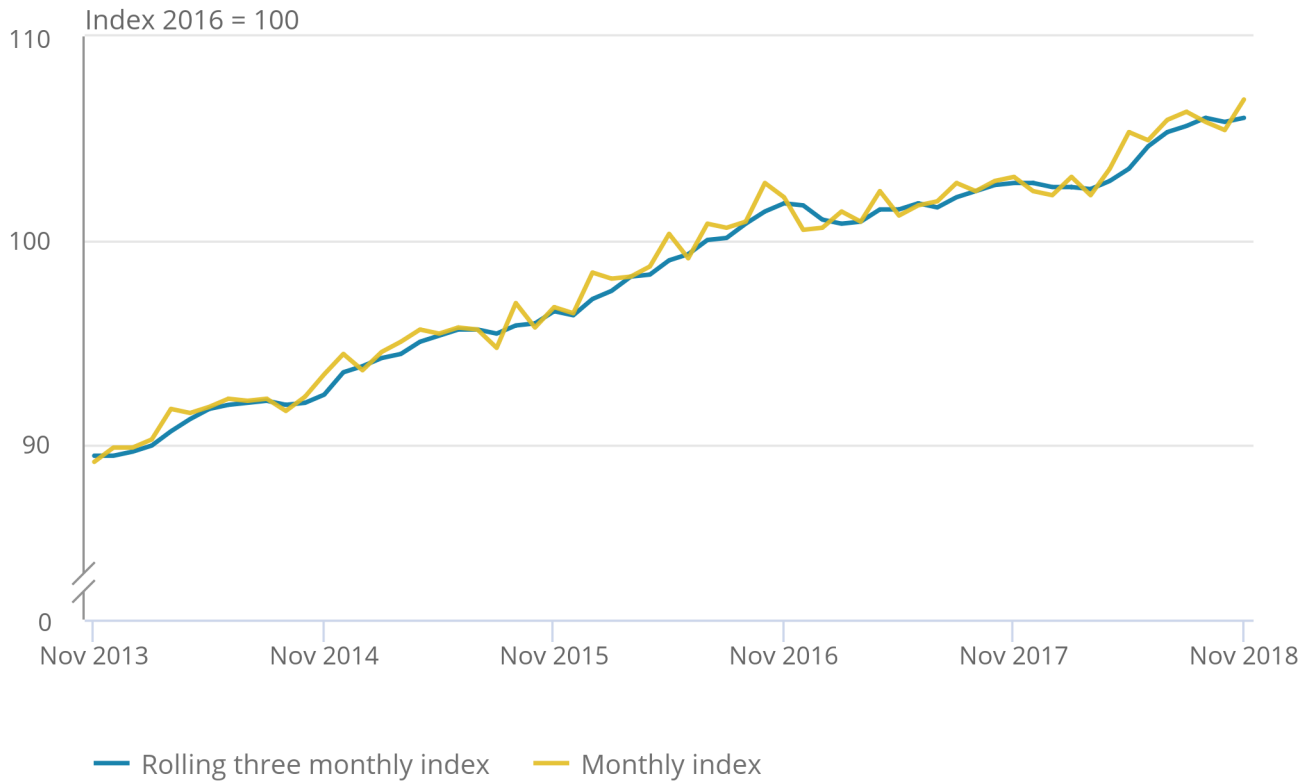
The three-month on three-month movement shows moderate growth at 0.4% for the quantity bought as a more stable measure than the monthly growth rate (Figure 1).

## Figure 1: Rolling three-month on three-month and month-on-month index for the quantity bought in all retailing

Great Britain, November 2013 to November 2018; seasonally adjusted

### Figure 1: Rolling three-month on three-month and month-on-month index for the quantity bought in all retailing

Great Britain, November 2013 to November 2018; seasonally adjusted



Source: Office for National Statistics - Monthly Business Survey, Retail Sales Inquiry

Figure 1 shows the rolling three-month on three-month index against the more volatile monthly path for the quantity bought.

From November 2013, the quantity of goods bought increased at a steady rate to the end of 2016, with a short period of contraction at the beginning of 2017. The underlying pattern returned to a slower rate of growth to March 2018. From April 2018, stronger growth is seen with a continued increase in the three-month on three-month movement. However, in recent months, growth has slowed with a moderate increase of 0.4% in the three months to November 2018.

When compared with the previous month, November 2018 displays a growth of 1.4% in the retail sector after two monthly falls in September and October 2018; both declining by 0.4%. This monthly growth is driven mainly by non-food stores (Figure 2).

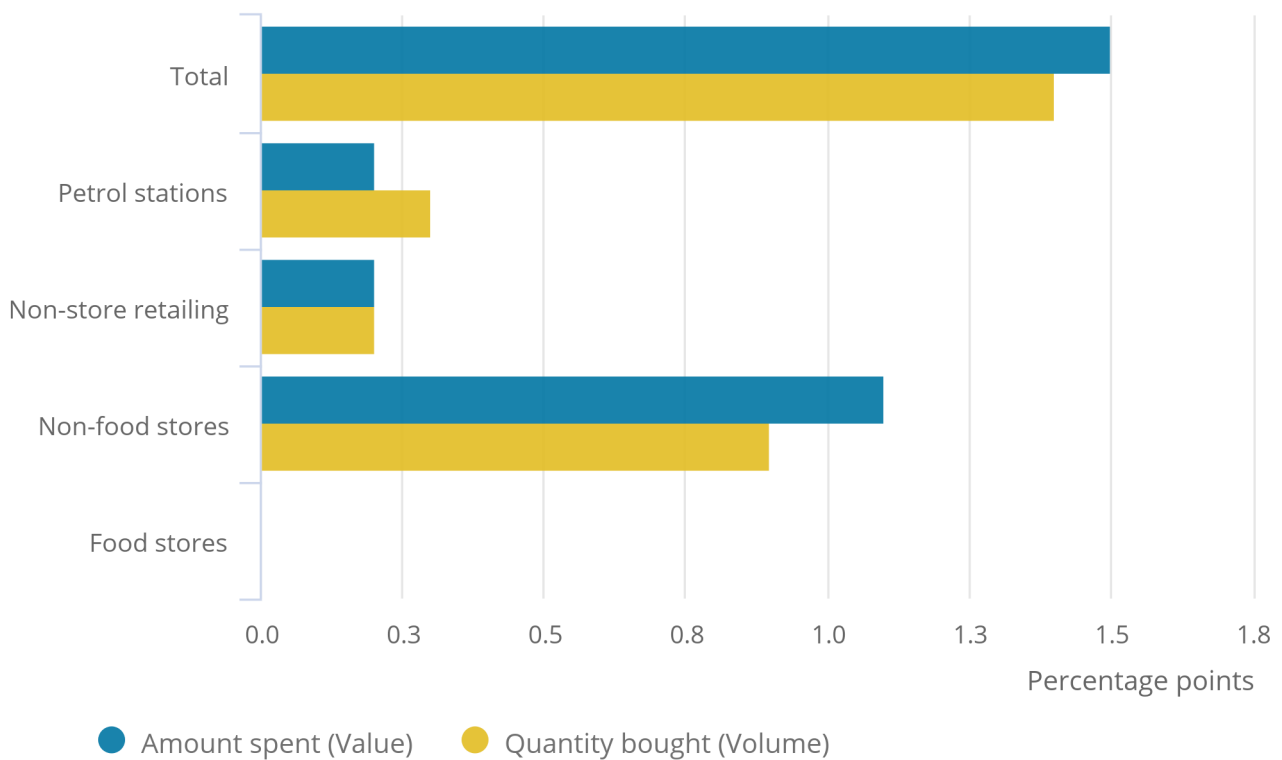
## 4 . Month-on-month contributions to growth by sector

**Figure 2: Contributions to month-on-month growth in the quantity bought and amount spent in the four main retail sectors**

Great Britain, November 2018 compared with October 2018; seasonally adjusted

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Great Britain, November 2018 compared with October 2018; seasonally adjusted



Source: Office for National Statistics - Monthly Business Survey, Retail Sales Inquiry

Figure 2 displays the contribution to month-on-month growth, with the quantity bought at 1.5 percentage points and the amount spent at 1.4 percentage points.

Non-food stores were the largest contributor towards the overall growth, with the amount spent and quantity bought reporting contributions of 1.1 and 0.9 percentage points respectively.

Fuel and non-store retailing also both positively contributed whilst food stores remained flat on the month.

## 5 . Growth in non-food stores

**Figure 3 Contributions to month-on-month growth in the quantity bought from the four main sectors within non-food stores**

Great Britain, November 2018 compared with October 2018; seasonally adjusted

### Figure 3 Contributions to month-on-month growth in the quantity bought from the four main sectors within non-food stores

Great Britain, November 2018 compared with October 2018; seasonally adjusted



Source: Office for National Statistics - Monthly Business Survey, Retail Sales Inquiry

The largest contribution to the 2.2% growth reported in the quantity bought came from household goods stores at 1.1 percentage points, closely followed by “other non-food” stores at 1.0 percentage point. Other non-food stores include a range of stores such as second-hand goods, watches and jewellery, sporting equipment, games and toys, computers and electrical equipment, books and newspapers, carpets and rugs, cosmetics and toilet articles, and pharmaceutical and medical goods.

Many retailers within these sectors provided evidence of strong sales during Black Friday promotions, which encouraged spending. Much of this seasonal effect, however, is removed during the seasonal adjustment (Figure 4).

## 6 . Changing consumer behaviour in November

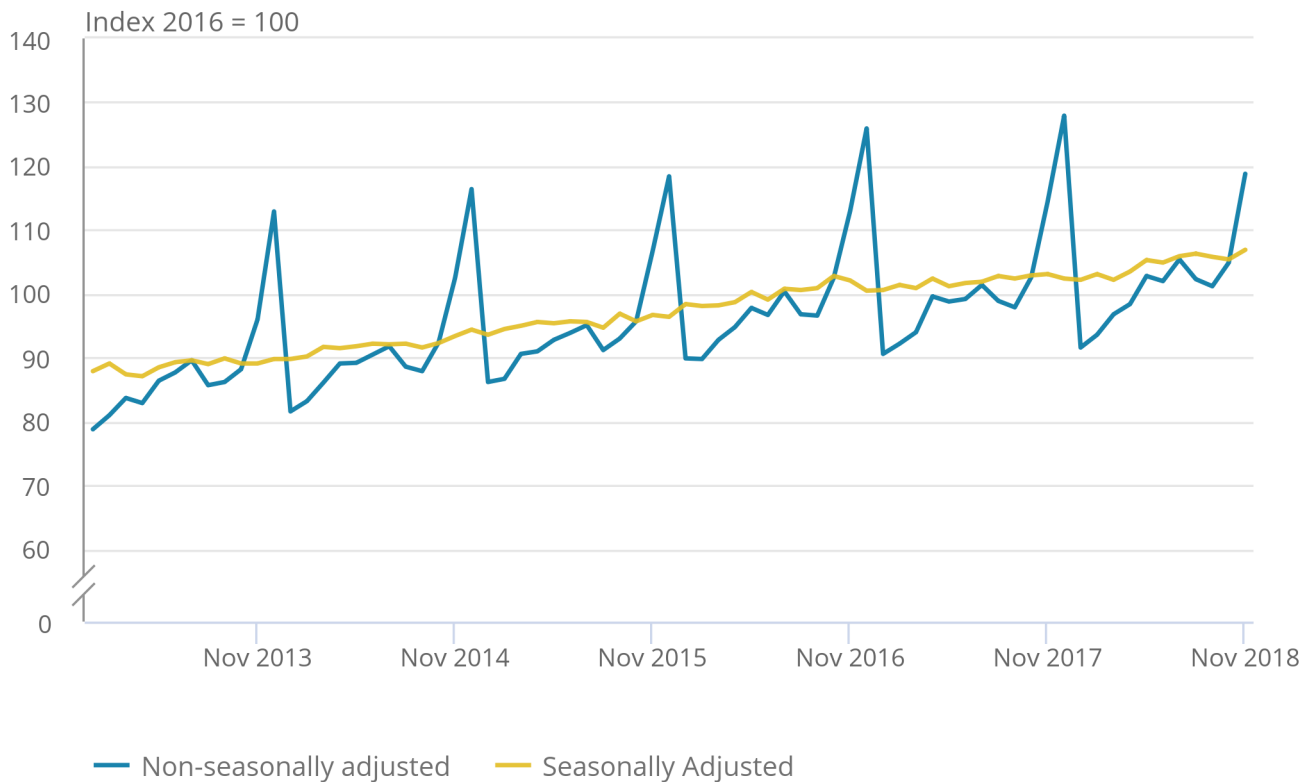
Looking at the spending patterns over time shows increased spending in the retail industry on the run up to Christmas. Figure 4 shows spending in the retail industry from 2013 when Black Friday first became established in Britain.

**Figure 4: Monthly index for the quantity bought in total retail sales both seasonally and non-seasonally adjusted**

Great Britain, January 2018 to November 2018

Figure 4: Monthly index for the quantity bought in total retail sales both seasonally and non-seasonally adjusted

Great Britain, January 2018 to November 2018



Source: Office for National Statistics - Monthly Business Survey, Retail Sales Inquiry

Data supplied by our contributors show how seasonal the retail sales industry is, with large peaks occurring each December. We use seasonal adjustment methods to estimate for these regular impacts, including for recent events such as promotions as part of Black Friday sales. The seasonally adjusted data allows us to compare changes over time and facilitate comparisons between consecutive time periods.

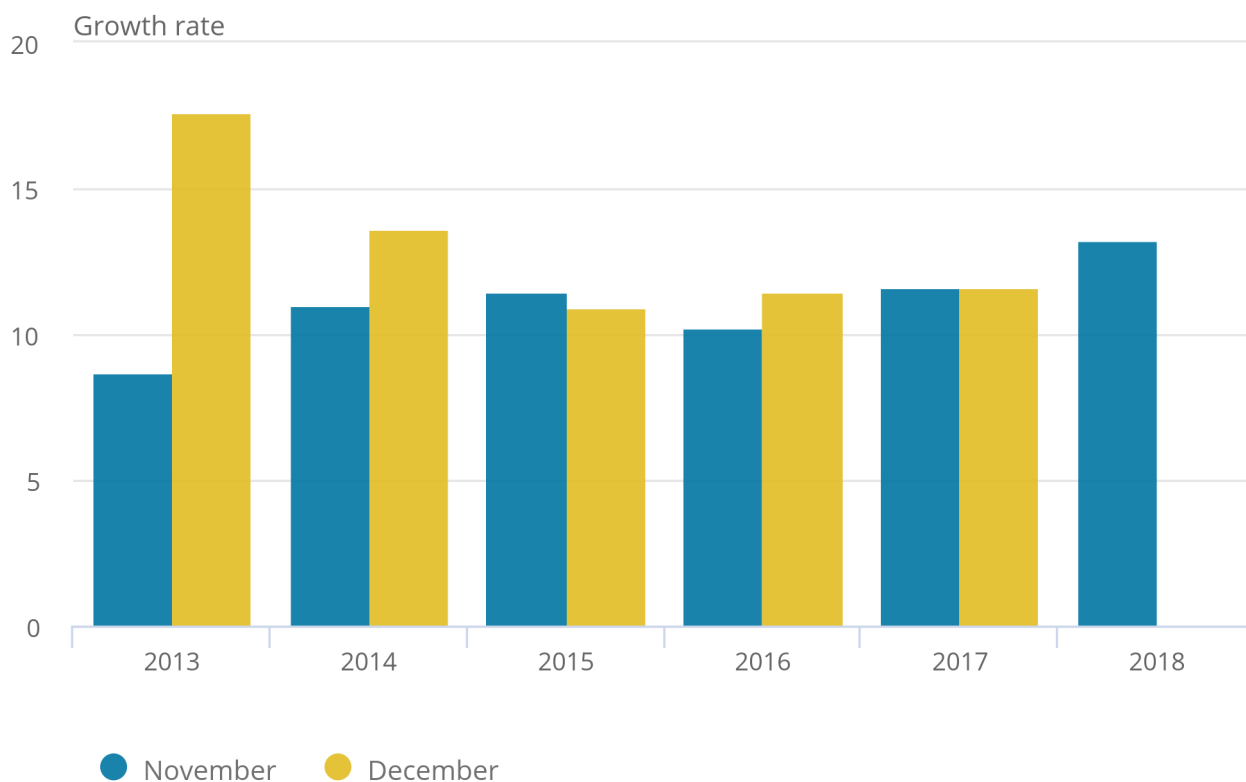
In November 2018, the official day for Black Friday sales was 23 November. However, many contributors began their promotional sales earlier in the month ranging from a weekend to over two-week long sales. This is reflected in the changing levels of activity between November and December in recent years (Figure 5).

**Figure 5: Monthly growth rates for the quantity bought in November and December from 2013**

Non-seasonally adjusted

Figure 5: Monthly growth rates for the quantity bought in November and December from 2013

Non-seasonally adjusted



Source: Office for National Statistics - Monthly Business Survey, Retail Sales Inquiry

Figure 5 shows an evolving pattern in consumer spending between November and December, as growth into December shows a slowdown over the years. In November 2018, the monthly growth rate was 13.2% in comparison with 8.7% in November 2013. In 2013, the growth in December was at 17.6%, slowing to 11.6% in 2017, making it level with the growth in November and showing that spending has spread out over the two months.

It is more appropriate to focus on the seasonally adjusted estimates, which can allow for the evolving changes to consumer patterns over time. The seasonal factor, as calculated by our seasonal adjustment methods, can capture the evolving nature of the sales and remove this from our seasonally adjusted growth rates, as seen in Figure 4.



The largest contribution to the monthly growth in November was household goods stores, particularly the strong growth of 11.0% seen in electrical household appliances. Retailers within this sector suggested that stores took advantage of Black Friday sales, with longer than usual promotions.

## 7 . What's the story in online sales?

In November 2018, online sales as a proportion of all retailing exceeded 20% for the first time, with all online retailing accounting for 21.5% of total retailing on a non-seasonally adjusted basis (Table 2). Non-seasonally adjusted average weekly spending online was £1.8 billion in November 2018; an increase of 13.1% when compared with November 2017. Feedback from retailers across all sectors reported that Black Friday and related promotions had boosted sales in this period.

Table 2: Summary of internet statistics, November 2018  
Value non-seasonally adjusted, percentage rates, Great Britain

Category	Year-on-year growth	Month-on-month growth	Online sales as a proportion of retailing	Index categories and their percentage weights
All retailing <sup>1</sup>	13.1	36.3	21.5	100.0
All food	2.8	11.3	5.8	13.9
All non-food	15.4	40.7	17.3	34.9
Department stores	16.2	73.2	19.7	8.1
Textile, clothing and footwear stores	20.7	35.7	21.8	12.3
Household goods stores	20.6	32.7	15.9	6.3
Other stores	4.0	28.7	12.6	8.2
Non-store retailing	13.8	39.3	76.2	51.2

Source: Office for National Statistics

### Notes

1. All retailing refers to sales as a proportion of total retail sales. [Back to table](#)

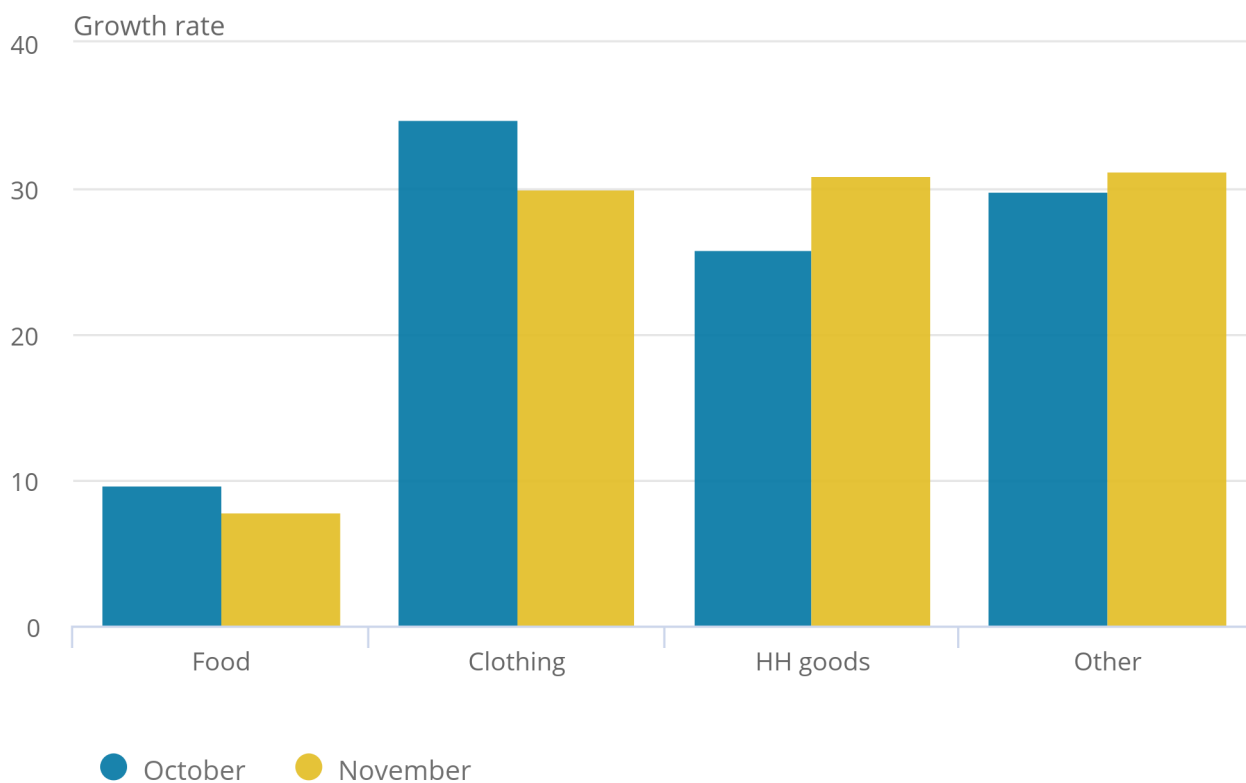
Non-store retailing continues to be the largest contributor to the growth in online sales. Within this sector a sub-sample (accounting for over 70% of total turnover) of retailers were asked to provide a commodity split of their total turnover. These data enable us to provide an estimate of the commodities sold within the sector (Figure 6).

## Figure 6: Percentage breakdown of commodities sold within non-store retailing

Non-seasonally adjusted; November 2018 compared with October 2018

### Figure 6: Percentage breakdown of commodities sold within non-store retailing

Non-seasonally adjusted; November 2018 compared with October 2018



Source: Office for National Statistics - Monthly Business Survey, Retail Sales Inquiry

“Other goods” accounted for the largest proportion of non-store retailing in November 2018 at 31.2%; an increase on the 29.8% reported in October 2018. Household goods also saw an increase in the proportion bought in non-store retail in November; up to 30.9% compared with the 25.8% reported in October, with anecdotal evidence from retailers suggesting the proportional growth can be attributed to Black Friday promotions.

Non-store sales of clothing saw the biggest fall in the proportion sold online; down from 34.7% (the largest proportion) in October 2018 to 30.0% in November 2018.

## 8 . Links to related statistics

The only international estimate of retail sales available for November 2018 was published by the US Census Bureau on 14 December 2018. In its [advanced monthly sales for retail and food services, November 2018 \(PDF, 1.6MB\)](#) they include the amount spent in the US retail industry, including motor vehicles and parts, and food services.

Eurostat also published their latest estimates of the [Volume of retail trade \(PDF, 497KB\)](#) across the European Union on 5 December 2018 for October 2018. This shows the seasonally adjusted volume of retail trade in both the euro area (EA19) and EU28 when compared with July 2018.

Data for Northern Ireland are published by the [Northern Ireland Statistics and Research Agency \(NISRA\)](#).

It should be noted that accurate comparisons cannot be made against these or other international statistics due to a variety of reasons, including differences in methodology.

## 9 . Quality and methodology

Our Monthly Business Survey (MBS) for retail sales measures output from the retail industry in Great Britain. It samples 5,000 businesses, with all businesses employing over 100 people or with an annual turnover of more than £60 million receiving an online questionnaire every month.

Further qualitative data or information and summary tables can be found in the attached [datasets](#). This includes data on:

- response rates
- standard errors
- revision triangle
- distribution analysis

The Retail sales [Quality and Methodology Information](#) report contains important information on:

- the strengths and limitations of the data and how it compares with related data
- uses and users of the data
- how the output was created
- the quality of the output including the accuracy of the data













# 1 CHAINED VOLUME OF RETAIL SALES SEASONALLY ADJUSTED

continued Index numbers of sales per week and percentage increase on a year earlier

Index 2016=100

	Year	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>SIC 2007 (SALES IN 2016)</b>																	
Hardware, Paints and Glass, All Businesses (£11,713m)																	
2009	110.9	112.8	110.6	108.6	111.7	113.5	110.9	113.6	111.7	110.9	109.3	107.0	109.4	109.2	110.7	107.9	115.5
2010	100.9	104.8	104.2	102.4	92.1	98.9	105.5	108.9	107.8	103.5	101.8	103.3	103.5	100.9	94.2	90.1	92.0
2011	92.5	92.6	97.4	90.2	89.7	91.3	91.1	94.8	103.0	95.0	94.8	95.3	90.0	86.4	90.4	89.3	89.4
2012	85.1	86.3	83.3	83.8	86.8	85.9	85.1	87.5	83.1	84.1	82.9	82.1	84.0	85.1	82.6	88.0	89.2
2013	89.8	86.8	92.3	90.6	89.6	88.9	91.1	81.7	90.0	94.4	92.6	92.6	90.0	89.4	90.3	88.0	90.3
2014	94.1	94.0	93.5	93.3	95.6	96.6	92.3	92.8	92.5	92.5	95.2	92.1	95.9	92.3	92.8	96.5	97.2
2015	97.0	96.4	95.4	99.0	97.3	97.7	95.7	95.9	96.7	94.4	95.3	97.5	99.1	100.1	98.2	98.6	95.5
2016	100.0	97.8	98.2	98.7	105.2	100.5	102.1	92.3	95.4	99.8	99.2	108.1	95.4	94.0	103.7	110.7	101.9
2017	96.9	98.2	97.8	96.3	95.3	97.8	100.3	96.7	103.4	94.3	96.0	98.8	95.6	95.1	97.1	94.7	94.3
2018	..	97.0	106.3	107.1	..	89.1	98.7	102.0	105.0	107.1	106.7	104.1	106.1	110.3	109.4	110.4	..
Percentage increase on a year earlier																	
2009	-6.3	-7.2	-7.8	-6.7	-3.3	-8.3	-11.8	-2.0	-4.5	-11.1	-7.6	-10.0	-4.8	-5.4	-4.5	-7.4	1.1
2010	-9.0	-7.1	-5.8	-5.7	-17.5	-12.9	-4.9	-4.2	-3.5	-6.6	-6.9	-3.4	-5.4	-7.6	-14.9	-16.5	-20.3
2011	-8.3	-11.7	-6.5	-11.9	-2.6	-7.7	-13.7	-12.9	-4.4	-8.3	-6.9	-7.7	-13.1	-14.4	-4.1	-0.9	-2.8
2012	-8.0	-6.8	-14.4	-7.1	-3.2	-5.9	-6.6	-7.6	-19.4	-11.5	-12.5	-13.9	-6.7	-1.4	-8.6	-1.4	-0.2
2013	5.6	0.6	10.8	8.0	3.2	3.5	7.0	-6.7	8.3	12.2	11.7	12.8	7.2	5.0	9.3	0.1	1.2
2014	4.8	8.3	1.3	3.0	6.7	8.6	1.4	13.7	2.8	-2.0	2.7	-0.6	6.6	3.2	2.8	9.6	7.7
2015	3.1	2.5	2.1	6.1	1.8	1.2	3.6	3.3	4.5	2.0	0.2	5.9	3.3	8.5	5.9	2.2	-1.8
2016	3.1	1.5	2.9	-0.2	8.1	2.8	6.7	-3.7	-1.3	5.8	4.1	10.9	-3.8	-6.1	5.6	12.3	6.8
2017	-3.1	0.3	-0.5	-2.4	-9.4	-2.6	-1.8	4.8	8.3	-5.5	-3.2	-8.7	0.2	1.2	-6.4	-14.5	-7.5
2018	..	-1.2	8.7	11.2	..	-8.9	-1.5	5.4	1.5	13.6	11.1	5.4	11.0	16.1	12.7	16.6	..
Music and video recordings and equipment, All Businesses (£1,002m)																	
2009	173.2	189.8	170.8	164.1	168.1	201.1	190.3	180.3	168.1	168.7	174.7	163.9	162.9	165.2	165.4	167.9	170.5
2010	165.7	163.7	169.9	162.2	166.9	152.9	172.0	165.8	173.9	171.4	165.6	170.5	165.6	152.9	165.5	168.9	166.5
2011	147.0	152.3	146.0	144.5	145.0	153.6	152.6	151.1	145.8	141.9	149.5	144.8	143.0	145.3	143.0	145.5	146.3
2012	137.3	138.1	140.7	136.3	134.2	128.2	141.9	143.1	148.9	144.6	131.1	139.5	136.8	133.4	134.0	134.3	134.2
2013	102.2	115.1	98.5	97.2	97.8	123.8	117.7	105.9	96.2	100.6	98.7	93.8	99.2	98.3	97.8	95.4	99.8
2014	99.1	100.3	96.9	100.1	99.2	104.6	102.5	94.1	95.3	94.2	100.3	102.4	99.5	98.8	102.5	98.3	97.2
2015	103.4	101.2	105.4	105.9	101.1	97.5	97.2	107.2	113.1	105.0	99.6	104.8	105.1	107.4	102.3	99.1	101.7
2016	100.0	105.5	103.8	95.1	95.6	105.7	109.8	101.9	108.1	106.1	98.4	94.8	96.0	94.5	95.3	100.3	92.2
2017	93.0	95.4	92.1	90.4	94.1	92.5	100.6	93.5	90.2	92.9	93.0	95.4	91.5	85.5	94.6	94.8	93.2
2018	..	95.1	95.6	98.5	..	96.0	92.0	96.8	97.8	89.1	99.0	96.9	100.2	98.5	94.7	97.8	..
Percentage increase on a year earlier																	
2009	-3.1	9.5	-3.3	-10.1	-8.0	13.8	15.0	2.3	-4.4	-7.5	1.1	-10.4	-11.4	-8.8	-9.1	-6.9	-8.1
2010	-4.3	-13.7	-0.5	-1.1	-0.7	-24.0	-9.6	-8.0	3.5	1.6	-5.2	4.0	1.7	-7.4	0.1	0.6	-2.3
2011	-11.3	-7.0	-14.1	-11.0	-13.1	0.5	-11.3	-8.9	-16.2	-17.2	-9.7	-15.0	-13.7	-5.0	-13.6	-13.9	-12.1
2012	-6.5	-9.3	-3.6	-5.6	-7.5	-16.5	-7.0	-5.3	2.2	1.9	-12.3	-3.7	-4.3	-8.2	-6.3	-7.7	-8.3
2013	-25.6	-16.7	-30.0	-28.7	-27.1	-3.4	-17.0	-26.0	-35.4	-30.4	-24.7	-32.8	-27.5	-26.3	-27.0	-28.9	-25.7
2014	-3.0	-12.9	-1.7	3.0	1.4	-15.5	-12.9	-11.1	-0.9	-6.4	1.5	9.2	0.3	0.5	4.8	3.0	-2.6
2015	4.3	0.9	8.8	5.8	1.9	-6.8	-5.2	13.9	18.6	11.5	-0.7	2.3	5.6	8.8	-0.2	0.8	4.6
2016	-3.3	4.3	-1.6	-10.2	-5.4	8.4	13.0	-4.9	-4.4	1.0	-1.2	-9.5	-8.7	-12.0	-6.9	1.2	-9.3
2017	-7.0	-9.6	-11.3	-4.9	-1.6	-12.5	-8.4	-8.3	-16.6	-12.5	-5.5	0.6	-4.7	-9.6	-0.8	-5.5	1.1
2018	..	-0.3	3.8	9.0	..	3.8	-8.5	3.5	8.4	-4.2	6.6	1.5	9.6	15.2	0.1	3.3	..

The monthly periods consist of 4 weeks except for March, June, September and December which are 5 weeks. January 2014 is also a 5 week period.











# 1 CHAINED VOLUME OF RETAIL SALES SEASONALLY ADJUSTED

continued Index numbers of sales per week and percentage increase on a year earlier

Index 2016=100

	Year	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>SIC 2007 (SALES IN 2016)</b>																	
Automotive Fuel, All Businesses (£36,849m)																	
2009	96.4	98.1	98.0	97.2	92.4	101.7	96.9	96.2	96.9	97.8	99.1	96.7	98.0	97.0	98.8	92.5	87.1
2010	87.3	85.7	88.0	88.6	86.8	83.4	86.0	87.3	87.4	88.2	88.3	89.3	88.6	88.0	89.5	89.7	82.4
2011	91.1	89.7	91.1	90.5	93.2	90.3	90.2	89.0	92.1	90.2	91.1	90.6	90.1	90.8	92.1	94.2	93.2
2012	89.1	93.5	86.9	89.0	87.1	93.8	91.3	95.2	86.1	88.2	86.4	87.8	88.8	90.0	88.1	85.0	88.0
2013	86.9	87.4	87.4	87.9	85.0	86.6	87.9	87.5	86.2	87.5	88.3	88.1	88.1	87.4	86.1	83.9	85.1
2014	87.9	87.2	88.0	87.7	88.5	84.4	85.5	91.3	87.8	87.6	88.6	89.1	88.9	85.7	85.7	88.0	91.3
2015	93.6	92.4	92.4	93.7	96.1	95.4	91.3	90.8	92.1	92.2	92.9	91.8	92.3	96.3	95.8	98.4	94.6
2016	100.0	100.6	99.1	100.7	99.6	103.2	98.0	100.6	98.7	99.9	98.8	100.4	101.2	100.6	101.7	99.2	98.3
2017	99.9	97.1	100.6	100.2	101.6	98.5	98.4	95.0	100.3	102.8	99.1	100.2	100.3	100.2	101.7	101.6	101.5
2018	..	99.4	102.2	101.5	..	99.8	102.4	96.8	100.7	102.3	103.3	101.8	101.8	101.0	100.2	103.5	..
Percentage increase on a year earlier																	
2009	-2.2	-1.9	-0.4	-1.7	-4.9	1.2	-2.9	-3.4	-3.5	-1.2	2.9	-2.6	-0.7	-1.8	1.6	-5.8	-9.5
2010	-9.5	-12.6	-10.2	-8.9	-6.0	-17.9	-11.2	-9.3	-9.8	-9.8	-10.9	-7.7	-9.6	-9.2	-9.4	-3.1	-5.5
2011	4.4	4.7	3.6	2.2	7.3	8.2	4.8	1.9	5.4	2.3	3.1	1.5	1.6	3.2	2.9	5.1	13.2
2012	-2.2	4.3	-4.7	-1.7	-6.5	3.9	1.3	7.0	-6.5	-2.2	-5.1	-3.1	-1.4	-0.9	-4.3	-9.8	-5.6
2013	-2.5	-6.6	0.6	-1.3	-2.4	-7.7	-3.7	-8.0	0.2	-0.8	2.2	0.3	-0.8	-2.9	-2.3	-1.3	-3.3
2014	1.1	-0.2	0.7	-0.1	4.1	-2.5	-2.8	4.4	1.8	-	0.3	1.1	0.9	-1.9	-0.6	4.9	7.3
2015	6.6	5.9	5.0	6.8	8.6	13.0	6.7	-0.6	4.9	5.3	4.9	3.1	3.8	12.3	11.8	11.9	3.6
2016	6.8	8.9	7.2	7.5	3.6	8.1	7.4	10.8	7.2	8.4	6.4	9.3	9.7	4.5	6.2	0.8	3.9
2017	-0.1	-3.4	1.5	-0.5	2.0	-4.5	0.4	-5.6	1.6	2.9	0.3	-0.2	-0.9	-0.4	-	2.4	3.2
2018	..	2.4	1.6	1.3	..	1.3	4.0	1.9	0.4	-0.5	4.2	1.6	1.5	0.8	-1.5	1.9	..

The monthly periods consist of 4 weeks except for March, June, September and December which are 5 weeks. January 2014 is also a 5 week period.













# 2 VALUE OF RETAIL SALES AT CURRENT PRICES SEASONALLY ADJUSTED

continued Index numbers of sales per week and percentage increase on a year earlier

Index 2016=100

	Year	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>SIC 2007 (SALES IN 2016)</b>																	
Hardware, Paints and Glass, All Businesses (£11,713m)																	
2009	96.2	95.7	95.3	94.6	99.3	95.9	94.2	96.8	95.6	95.5	94.8	92.6	95.6	95.4	97.6	95.7	103.5
2010	92.8	94.4	95.2	94.5	87.1	89.3	94.7	98.2	97.8	94.9	93.3	95.0	95.5	93.4	87.7	85.5	87.8
2011	91.8	89.8	95.9	90.3	91.1	87.8	88.1	92.8	101.3	93.6	93.3	94.7	90.0	86.9	91.4	90.7	91.1
2012	87.9	89.0	86.2	86.7	89.8	87.8	87.8	90.8	85.8	87.2	85.7	85.0	86.6	88.0	85.8	91.2	91.8
2013	92.3	89.3	94.6	93.1	92.3	90.9	94.0	84.4	92.1	96.7	94.9	95.0	92.6	92.0	93.2	90.6	92.9
2014	96.6	96.5	96.1	96.1	97.8	98.7	94.8	95.6	94.7	95.5	97.8	94.8	99.0	94.7	95.0	98.6	99.4
2015	97.8	97.7	96.6	99.5	97.5	98.4	96.9	97.8	97.7	95.8	96.4	98.0	100.1	100.3	98.1	98.9	95.8
2016	100.0	97.9	97.9	99.2	105.0	100.2	101.7	92.9	95.4	99.4	98.9	108.6	96.1	94.2	104.1	109.7	102.0
2017	98.2	99.0	98.8	97.9	97.1	98.4	100.9	97.9	104.7	95.3	96.7	100.1	97.1	96.8	99.1	96.5	96.0
2018	..	100.1	111.0	111.8	..	91.0	101.6	106.1	109.5	111.6	111.8	108.3	111.1	115.1	114.7	116.0	..
Percentage increase on a year earlier																	
2009	-2.8	-4.1	-4.8	-3.7	1.6	-5.2	-8.1	0.5	-1.4	-8.4	-4.5	-7.4	-1.5	-2.5	-0.8	-3.7	8.1
2010	-3.6	-1.4	-0.1	-0.1	-12.3	-6.9	0.6	1.5	2.3	-0.6	-1.6	2.6	-0.1	-2.1	-10.1	-10.7	-15.2
2011	-1.1	-4.9	0.7	-4.5	4.6	-1.7	-7.0	-5.5	3.6	-1.4	-	-0.3	-5.7	-6.9	4.2	6.1	3.8
2012	-4.2	-0.9	-10.1	-4.0	-1.4	-	-0.3	-2.1	-15.3	-6.8	-8.1	-10.2	-3.8	1.2	-6.2	0.6	0.8
2013	5.0	0.4	9.7	7.4	2.8	3.5	7.0	-7.0	7.3	10.9	10.7	11.7	6.9	4.5	8.6	-0.7	1.2
2014	4.7	8.0	1.7	3.2	6.0	8.6	0.9	13.3	2.9	-1.2	3.1	-0.2	7.0	3.0	2.0	8.9	6.9
2015	1.2	1.2	0.5	3.6	-0.3	-0.3	2.2	2.3	3.2	0.3	-1.5	3.4	1.1	5.9	3.3	0.3	-3.6
2016	2.2	0.1	1.4	-0.4	7.7	1.8	4.9	-5.0	-2.4	3.7	2.6	10.8	-4.0	-6.2	6.0	10.9	6.4
2017	-1.8	1.1	0.8	-1.3	-7.5	-1.9	-0.8	5.4	9.8	-4.1	-2.1	-7.8	1.1	2.8	-4.7	-12.1	-5.9
2018	..	1.1	12.4	14.2	..	-7.5	0.7	8.3	4.6	17.1	15.5	8.3	14.4	18.9	15.7	20.2	..
Music and video recordings and equipment, All Businesses (£1,002m)																	
2009	202.6	224.7	200.5	189.8	195.4	239.8	226.2	211.3	194.6	198.8	206.6	190.1	191.9	187.9	192.0	193.9	199.4
2010	189.0	190.7	195.5	182.2	187.5	178.1	198.9	194.3	199.7	196.1	191.7	191.8	187.9	169.9	183.4	187.8	190.6
2011	162.6	170.5	159.9	158.6	161.4	172.9	171.1	168.2	162.1	155.5	161.6	159.4	155.8	160.3	160.2	162.3	161.8
2012	151.8	153.5	156.7	150.8	146.3	142.2	156.8	159.9	166.1	160.1	146.5	155.0	149.9	148.1	147.1	145.8	145.9
2013	112.7	129.6	108.9	104.5	108.0	136.5	132.6	121.7	107.8	111.1	108.0	101.3	106.2	105.7	106.0	103.1	113.5
2014	106.3	108.8	105.1	107.1	104.0	111.4	111.9	103.6	103.0	102.6	108.9	109.8	107.0	105.0	109.3	102.8	100.6
2015	105.0	103.8	106.8	107.0	102.3	100.7	100.0	109.4	114.8	106.1	100.9	105.9	106.9	107.9	103.7	101.1	102.1
2016	100.0	106.9	103.3	94.7	95.1	106.6	110.7	104.0	108.0	105.2	97.9	95.0	95.3	94.1	94.1	98.8	93.0
2017	96.2	97.6	95.9	94.3	97.2	93.6	103.5	96.1	93.2	97.4	96.9	99.6	95.7	88.9	97.8	98.9	95.2
2018	..	98.2	98.6	100.5	..	99.2	95.1	99.9	101.7	92.3	101.2	98.5	102.0	100.8	97.5	99.2	..
Percentage increase on a year earlier																	
2009	-12.2	-2.9	-13.8	-18.9	-13.3	2.1	1.3	-9.9	-16.1	-16.9	-9.2	-19.2	-18.4	-19.2	-14.7	-12.6	-12.6
2010	-6.7	-15.1	-2.5	-4.0	-4.0	-25.8	-12.1	-8.1	2.6	-1.4	-7.2	0.9	-2.0	-9.6	-4.5	-3.1	-4.4
2011	-14.0	-10.6	-18.2	-12.9	-13.9	-2.9	-14.0	-13.5	-18.8	-20.7	-15.7	-16.9	-17.1	-5.7	-12.7	-13.6	-15.1
2012	-6.6	-10.0	-2.0	-4.9	-9.4	-17.8	-8.4	-4.9	2.5	2.9	-9.3	-2.8	-3.8	-7.6	-8.1	-10.1	-9.8
2013	-25.7	-15.6	-30.5	-30.7	-26.2	-4.0	-15.4	-23.9	-35.1	-30.6	-26.3	-34.7	-29.2	-28.6	-27.9	-29.3	-22.2
2014	-5.7	-16.1	-3.5	2.5	-3.7	-18.4	-15.6	-14.8	-4.5	-7.7	0.8	8.4	0.8	-0.7	3.1	-0.3	-11.3
2015	-1.2	-4.6	1.6	-0.1	-1.6	-9.6	-10.7	5.5	11.5	3.4	-7.3	-3.5	-	2.8	-5.1	-1.7	1.5
2016	-4.7	2.9	-3.3	-11.5	-7.0	5.8	10.8	-4.9	-5.9	-0.8	-2.9	-10.3	-10.9	-12.8	-9.2	-2.3	-8.9
2017	-3.8	-8.7	-7.1	-0.5	2.1	-12.1	-6.6	-7.6	-13.7	-7.4	-1.1	4.9	0.5	-5.5	3.9	0.1	2.4
2018	..	0.6	2.8	6.5	..	5.9	-8.0	3.9	9.2	-5.3	4.5	-1.1	6.6	13.4	-0.4	0.2	..

The monthly periods consist of 4 weeks except for March, June, September and December which are 5 weeks. January 2014 is also a 5 week period.













## 2

# VALUE OF RETAIL SALES AT CURRENT PRICES SEASONALLY ADJUSTED

continued Index numbers of sales per week and percentage increase on a year earlier

Index 2016=100

	Year	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>SIC 2007 (SALES IN 2016)</b>																	
Automotive Fuel, All Businesses (£36,849m)																	
2009	87.6	84.0	86.0	89.5	90.9	85.5	84.3	82.6	83.7	85.4	88.3	87.4	89.6	91.2	92.8	91.7	88.8
2010	91.9	89.3	92.8	91.0	94.5	86.0	89.8	91.5	93.9	93.5	91.3	92.6	90.8	89.8	93.3	97.8	92.8
2011	109.7	107.1	109.2	108.4	113.9	106.9	107.7	106.9	110.6	108.7	108.5	108.4	107.7	108.8	110.5	115.7	115.2
2012	109.5	116.9	105.8	107.8	107.5	116.6	114.0	119.6	108.2	107.9	102.2	104.3	106.8	111.4	109.1	105.9	107.4
2013	106.1	108.3	105.7	107.5	103.0	104.9	109.7	110.0	106.4	104.8	105.9	107.6	107.7	107.2	103.2	101.2	104.2
2014	102.2	104.5	103.2	102.2	98.8	101.5	103.3	108.5	103.4	102.9	103.3	104.2	103.7	99.3	98.1	98.8	99.3
2015	95.7	95.1	97.1	95.7	94.8	98.7	92.5	94.3	96.5	97.1	97.6	96.2	94.6	96.2	95.2	96.8	92.9
2016	100.0	95.6	97.5	101.7	105.2	98.6	92.1	96.2	95.6	97.7	98.8	101.5	101.4	102.0	105.8	104.6	105.2
2017	107.6	107.1	105.9	105.8	111.4	107.3	108.8	105.6	108.5	107.7	102.5	103.5	105.8	107.8	109.1	110.8	113.7
2018	..	111.4	116.1	119.2	..	112.3	114.7	108.1	112.3	115.5	119.6	118.1	119.6	119.8	119.7	122.7	..
Percentage increase on a year earlier																	
2009	-8.9	-14.4	-12.9	-10.6	4.1	-12.2	-14.7	-16.1	-14.4	-13.9	-11.0	-15.6	-9.8	-7.1	0.6	4.2	7.2
2010	4.9	6.3	7.9	1.6	3.9	0.6	6.5	10.7	12.1	9.5	3.4	6.0	1.3	-1.5	0.6	6.6	4.6
2011	19.3	20.0	17.7	19.1	20.5	24.2	19.9	16.9	17.8	16.2	18.8	17.1	18.6	21.1	18.4	18.3	24.1
2012	-0.1	9.1	-3.1	-0.5	-5.6	9.1	5.8	11.8	-2.1	-0.7	-5.8	-3.8	-0.9	2.4	-1.2	-8.5	-6.8
2013	-3.1	-7.4	-0.1	-0.3	-4.2	-10.0	-3.7	-8.0	-1.7	-2.9	3.6	3.1	0.9	-3.7	-5.5	-4.4	-3.0
2014	-3.7	-3.6	-2.3	-4.9	-4.1	-3.3	-5.9	-1.4	-2.8	-1.8	-2.4	-3.1	-3.7	-7.4	-4.9	-2.3	-4.7
2015	-6.4	-9.0	-5.9	-6.4	-4.0	-2.8	-10.4	-13.1	-6.7	-5.6	-5.5	-7.7	-8.9	-3.2	-3.0	-2.1	-6.4
2016	4.5	0.6	0.4	6.3	11.0	-0.1	-0.4	2.0	-1.0	0.6	1.3	5.6	7.3	6.1	11.2	8.0	13.3
2017	7.6	12.0	8.7	4.1	5.9	8.8	18.2	9.8	13.5	10.3	3.7	1.9	4.3	5.7	3.0	6.0	8.0
2018	..	4.0	9.6	12.6	..	4.7	5.5	2.3	3.5	7.2	16.7	14.2	13.0	11.1	9.8	10.7	..

The monthly periods consist of 4 weeks except for March, June, September and December which are 5 weeks. January 2014 is also a 5 week period.









## 3

CHAINED VOLUME OF RETAIL SALES  
NON-SEASONALLY ADJUSTED

continued Index numbers of sales per week and percentage increase on a year earlier

Index 2016=100

Year	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
<b>SIC 2007 (SALES IN 2016)</b>																	
Specialist Food Stores (£8,346m)																	
2009	99.4	94.0	101.0	102.2	100.4	92.3	95.0	94.6	103.6	101.3	98.7	107.4	104.0	96.6	95.7	97.9	106.2
2010	94.1	86.3	95.4	95.7	98.9	80.0	86.8	91.1	94.4	95.5	96.1	99.4	96.8	91.8	102.5	100.5	94.8
2011	91.6	85.9	90.9	91.9	97.5	85.0	86.9	85.9	91.0	91.5	90.3	95.1	94.1	87.8	91.2	92.3	106.7
2012	91.6	84.4	89.9	91.4	100.7	81.5	85.2	86.1	89.1	90.7	90.0	94.5	92.9	87.8	96.2	94.6	109.1
2013	92.7	87.6	90.9	91.7	100.5	81.6	89.6	90.6	88.5	93.2	90.9	92.4	95.9	87.9	95.0	95.7	108.8
2014	91.9	87.3	93.0	91.8	95.9	84.6	89.8	88.0	94.8	93.4	91.3	94.1	94.6	87.7	92.1	92.7	101.5
2015	95.2	86.9	95.0	94.1	104.8	83.2	88.4	88.7	93.4	95.9	95.6	97.1	94.9	91.0	93.4	103.8	114.7
2016	100.0	92.2	97.6	101.3	108.8	86.0	93.9	95.8	97.7	96.8	98.3	101.8	103.2	99.5	101.4	115.4	109.4
2017	90.9	85.6	88.8	91.7	97.6	82.5	88.6	85.6	94.2	93.7	80.6	92.9	96.0	87.2	89.5	94.5	106.5
2018	..	86.5	101.0	110.3	..	79.7	83.5	94.2	101.1	105.7	97.2	117.3	114.2	101.6	109.4	114.0	..
Percentage increase on a year earlier																	
2009	-0.6	1.6	0.1	0.8	-5.0	7.5	-2.6	-0.7	2.5	0.2	-1.9	4.4	0.6	-2.0	-6.8	-3.2	-5.0
2010	-5.4	-8.2	-5.6	-6.4	-1.5	-13.4	-8.7	-3.7	-8.9	-5.8	-2.6	-7.4	-7.0	-5.0	7.1	2.7	-10.8
2011	-2.7	-0.5	-4.7	-3.9	-1.4	6.2	0.2	-5.7	-3.6	-4.2	-6.1	-4.4	-2.8	-4.4	-11.0	-8.2	12.6
2012	0.1	-1.8	-1.0	-0.5	3.2	-4.1	-1.9	0.2	-2.1	-0.9	-0.2	-0.6	-1.2	0.1	5.5	2.5	2.2
2013	1.1	3.7	1.0	0.3	-0.2	0.2	5.2	5.3	-0.7	2.7	1.0	-2.2	3.2	0.1	-1.3	1.1	-0.3
2014	-0.8	-0.3	2.4	-	-4.6	3.6	0.2	-2.9	7.1	0.2	0.4	1.8	-1.4	-0.2	-3.0	-3.1	-6.7
2015	3.6	-0.5	2.2	2.6	9.3	-1.7	-1.6	0.7	-1.4	2.7	4.7	3.3	0.4	3.8	1.4	11.9	13.0
2016	5.0	6.2	2.7	7.7	3.9	3.5	6.3	8.1	4.5	0.9	2.8	4.8	8.7	9.3	8.6	11.3	-4.6
2017	-9.1	-7.2	-9.0	-9.6	-10.3	-4.1	-5.6	-10.6	-3.6	-3.2	-17.9	-8.8	-6.9	-12.4	-11.8	-18.2	-2.7
2018	..	1.0	13.7	20.3	..	-3.4	-5.8	10.1	7.3	12.8	20.6	26.2	18.9	16.6	22.2	20.7	..
Alcoholic Drinks, Other Beverages and Tobacco (£3,593m)																	
2009	138.6	128.1	143.5	137.9	144.9	113.4	136.8	132.9	140.1	142.1	147.3	142.8	140.3	131.9	132.4	138.6	160.0
2010	104.2	109.9	111.5	95.6	99.7	109.4	109.4	110.8	109.5	113.4	111.5	107.6	98.6	83.6	84.9	102.7	109.0
2011	102.2	88.9	100.8	101.1	118.1	78.6	93.5	93.4	100.0	95.3	105.9	103.7	99.5	100.2	108.6	110.3	131.9
2012	84.2	82.8	88.3	86.6	79.0	81.2	85.5	81.8	84.4	91.5	88.9	92.4	90.2	79.0	64.6	79.0	90.5
2013	77.7	71.5	77.1	74.4	87.6	67.2	72.2	74.3	75.8	78.3	77.1	77.6	72.3	73.6	73.6	85.3	100.7
2014	77.9	64.8	77.9	73.5	96.6	59.1	66.6	68.9	87.6	74.2	73.1	75.2	70.7	74.4	77.0	89.2	118.3
2015	87.9	71.6	87.7	87.6	104.8	64.7	74.1	75.0	83.5	89.5	89.8	88.8	84.7	89.1	86.5	99.5	123.6
2016	100.0	85.1	105.7	98.7	110.5	66.3	92.3	94.4	100.1	104.9	110.8	103.8	101.2	92.6	96.2	107.0	124.7
2017	84.1	76.9	90.4	75.6	93.6	69.0	81.6	79.4	83.7	87.7	98.0	77.1	72.9	76.6	80.6	89.6	107.2
2018	..	68.1	84.1	74.2	..	58.9	68.4	75.3	75.8	87.8	88.0	75.9	77.5	70.2	74.2	88.7	..
Percentage increase on a year earlier																	
2009	-14.3	-14.3	-14.4	-14.4	-14.7	-22.2	-9.9	-12.3	-14.6	-17.4	-11.8	-15.8	-10.9	-16.1	-17.5	-16.7	-11.3
2010	-24.8	-14.2	-22.3	-30.7	-31.2	-3.5	-20.0	-16.6	-21.8	-20.2	-24.3	-24.7	-29.7	-36.6	-35.9	-25.9	-31.9
2011	-1.9	-19.2	-9.5	5.7	18.5	-28.1	-14.6	-15.7	-8.7	-16.0	-5.0	-3.6	0.9	19.9	27.9	7.5	21.0
2012	-17.7	-6.9	-12.4	-14.3	-33.1	3.2	-8.5	-12.3	-15.6	-3.9	-16.1	-10.9	-9.4	-21.2	-40.5	-28.4	-31.4
2013	-7.7	-13.6	-12.7	-14.0	10.9	-17.2	-15.5	-9.2	-10.2	-14.5	-13.3	-16.1	-19.8	-6.9	13.9	7.9	11.3
2014	0.4	-9.4	1.0	-1.2	10.3	-12.1	-7.8	-7.2	15.5	-5.2	-5.2	-3.0	-2.2	1.1	4.6	4.6	17.4
2015	12.8	10.5	12.7	19.2	8.4	9.6	11.3	8.8	-4.6	20.5	22.9	18.0	19.7	19.8	12.3	11.6	4.5
2016	13.7	18.9	20.4	12.7	5.5	2.5	24.5	25.9	19.8	17.2	23.4	17.0	19.6	4.0	11.3	7.5	0.9
2017	-15.9	-9.7	-14.4	-23.4	-15.3	4.0	-11.6	-15.8	-16.4	-16.4	-11.5	-25.8	-28.0	-17.3	-16.2	-16.3	-14.0
2018	..	-11.4	-7.0	-1.9	..	-14.7	-16.1	-5.2	-9.5	0.1	-10.3	-1.5	6.3	-8.4	-7.9	-1.0	..

The monthly periods consist of 4 weeks except for March, June, September and December which are 5 weeks. January 2014 is also a 5 week period.









## 3

# CHAINED VOLUME OF RETAIL SALES NON-SEASONALLY ADJUSTED

continued Index numbers of sales per week and percentage increase on a year earlier

Index 2016=100

	Year	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>SIC 2007 (SALES IN 2016)</b>																	
Textiles (£800m)																	
2009	99.2	105.5	94.7	96.2	100.4	121.9	114.5	85.3	91.8	100.7	92.1	102.7	93.5	93.2	111.3	105.5	87.6
2010	100.7	93.1	92.5	101.3	116.0	94.5	93.6	91.5	93.1	91.2	93.1	106.0	102.7	96.3	111.7	123.0	113.7
2011	82.6	81.5	74.2	80.3	94.1	85.8	80.4	79.1	72.2	73.7	76.3	81.8	74.1	84.1	83.4	93.3	103.5
2012	83.8	78.5	75.5	84.0	97.3	81.6	79.4	75.3	74.2	72.6	79.0	82.6	86.3	83.3	96.9	94.9	99.5
2013	86.5	82.0	82.5	83.4	98.1	87.0	82.5	77.7	81.2	81.1	84.7	88.5	87.9	75.6	88.4	95.9	107.5
2014	93.4	85.0	84.9	93.9	110.2	81.1	83.9	90.0	90.2	83.5	81.9	100.4	90.9	91.2	102.2	107.5	118.6
2015	92.0	76.5	86.2	89.8	115.4	69.4	71.8	86.1	86.6	87.2	85.0	98.3	86.3	85.9	101.4	128.6	116.0
2016	100.0	85.3	87.5	96.2	130.9	87.9	80.0	87.6	85.8	81.8	93.5	102.7	99.6	88.3	108.7	141.7	140.0
2017	98.4	95.5	87.1	87.1	123.9	93.0	89.8	102.0	94.4	90.0	78.9	94.1	79.5	87.5	105.3	126.4	136.7
2018	..	86.7	85.9	93.9	..	90.0	82.3	87.6	88.0	87.0	83.3	98.7	95.4	88.9	99.1	156.0	..
Percentage increase on a year earlier																	
2009	2.2	10.9	1.0	-3.7	0.9	25.4	26.2	-11.7	-10.9	17.5	-0.6	1.9	-0.2	-10.7	3.4	9.9	-8.5
2010	1.5	-11.8	-2.3	5.3	15.5	-22.5	-18.2	7.3	1.5	-9.4	1.1	3.2	9.9	3.3	0.4	16.6	29.8
2011	-18.0	-12.4	-19.8	-20.7	-18.8	-9.2	-14.1	-13.6	-22.4	-19.2	-18.1	-22.8	-27.8	-12.6	-25.4	-24.2	-9.0
2012	1.5	-3.7	1.8	4.6	3.4	-4.8	-1.3	-4.8	2.7	-1.5	3.6	0.9	16.4	-1.0	16.3	1.8	-3.8
2013	3.2	4.5	9.2	-0.7	0.8	6.6	4.0	3.2	9.5	11.7	7.1	7.2	1.9	-9.2	-8.8	1.1	8.0
2014	7.9	3.7	3.0	12.7	12.3	-6.8	1.6	15.8	11.1	3.0	-3.3	13.4	3.4	20.7	15.6	12.0	10.3
2015	-1.5	-10.0	1.4	-4.4	4.8	-14.4	-14.4	-4.3	-4.0	4.4	3.8	-2.0	-5.1	-5.9	-0.8	19.7	-2.2
2016	8.7	11.5	1.6	7.1	13.4	26.6	11.4	1.8	-0.9	-6.2	10.0	4.5	15.4	2.8	7.2	10.2	20.7
2017	-1.6	11.9	-0.5	-9.5	-5.4	5.9	12.3	16.4	10.1	10.1	-15.6	-8.4	-20.2	-0.9	-3.2	-10.8	-2.4
2018	..	-9.2	-1.4	7.9	..	-3.2	-8.4	-14.2	-6.8	-3.3	5.6	4.9	20.0	1.6	-5.9	23.4	..

The monthly periods consist of 4 weeks except for March, June, September and December which are 5 weeks. January 2014 is also a 5 week period.



## 3

# CHAINED VOLUME OF RETAIL SALES NON-SEASONALLY ADJUSTED

continued Index numbers of sales per week and percentage increase on a year earlier

Index 2016=100

Year	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
<b>SIC 2007 (SALES IN 2016)</b>																	
Footwear and Leather Goods (£4,823m)																	
2009	79.7	67.5	82.1	80.9	88.5	71.7	64.5	66.5	85.6	79.6	81.2	82.5	84.2	77.0	82.0	78.5	101.6
2010	86.6	69.4	83.1	91.9	102.1	73.5	66.0	68.8	82.5	80.9	85.3	92.8	93.4	89.9	93.0	92.0	117.6
2011	89.8	72.3	86.8	92.2	107.8	80.4	67.8	69.5	88.0	81.8	89.7	97.1	90.9	89.5	94.0	95.7	128.5
2012	92.6	77.8	87.7	96.7	108.0	84.9	70.8	77.8	86.3	85.1	90.8	95.1	99.2	95.9	101.1	91.7	126.7
2013	91.1	77.8	82.9	93.8	109.9	88.8	76.6	69.9	83.2	80.9	84.2	88.3	98.2	94.6	95.5	93.6	134.4
2014	90.5	76.3	84.4	92.9	109.4	79.4	70.3	78.0	83.6	79.4	89.0	90.5	105.1	85.1	94.3	96.7	131.7
2015	95.3	74.8	92.1	101.7	112.6	83.5	71.5	70.4	89.9	87.2	97.7	97.6	112.1	96.7	96.4	102.8	133.3
2016	100.0	80.1	93.1	107.5	119.3	86.8	70.2	82.8	88.7	93.4	96.4	113.2	115.4	96.8	101.5	109.3	141.5
2017	104.1	83.3	101.2	111.6	120.4	90.3	76.0	83.4	97.6	96.0	108.2	112.3	115.8	107.8	101.2	110.2	143.9
2018	..	82.1	92.7	105.3	..	93.7	76.9	77.0	87.5	91.6	97.8	112.3	111.1	94.9	93.8	103.6	..
Percentage increase on a year earlier																	
2009	4.9	8.2	10.0	0.3	1.2	9.2	8.4	8.4	25.0	1.4	6.4	4.4	-4.0	0.9	7.5	2.3	-3.1
2010	8.7	2.8	1.2	13.6	15.4	2.6	2.3	3.5	-3.6	1.6	5.0	12.6	11.0	16.9	13.4	17.1	15.7
2011	3.6	4.2	4.5	0.4	5.5	9.4	2.7	1.0	6.8	1.1	5.2	4.5	-2.7	-0.5	1.1	4.0	9.2
2012	3.1	7.6	1.0	4.8	0.2	5.6	4.5	12.0	-2.0	4.1	1.2	-2.0	9.1	7.2	7.5	-4.2	-1.4
2013	-1.6	-0.1	-5.4	-3.0	1.7	4.6	8.1	-10.2	-3.5	-4.9	-7.3	-7.1	-0.9	-1.3	-5.5	2.1	6.1
2014	-0.6	-1.9	1.8	-0.9	-0.4	-10.6	-8.2	11.7	0.4	-1.9	5.7	2.5	7.0	-10.0	-1.2	3.3	-2.0
2015	5.3	-2.0	9.1	9.4	2.9	5.2	1.7	-9.8	7.6	9.8	9.7	7.9	6.6	13.6	2.2	6.2	1.2
2016	5.0	7.1	1.1	5.7	6.0	3.9	-1.8	17.5	-1.4	7.1	-1.4	15.9	2.9	-	5.3	6.3	6.1
2017	4.1	3.9	8.7	3.8	0.9	4.1	8.3	0.8	10.1	2.9	12.3	-0.8	0.4	11.4	-0.3	0.8	1.7
2018	..	-1.4	-8.4	-5.7	..	3.8	1.1	-7.7	-10.3	-4.6	-9.6	-	-4.0	-11.9	-7.2	-6.0	..

The monthly periods consist of 4 weeks except for March, June, September and December which are 5 weeks. January 2014 is also a 5 week period.







## 3

# CHAINED VOLUME OF RETAIL SALES NON-SEASONALLY ADJUSTED

continued Index numbers of sales per week and percentage increase on a year earlier

Index 2016=100

	Year	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>SIC 2007 (SALES IN 2016)</b>																	
Music and video recording and equipment (£1,002m)																	
2009	176.0	170.6	137.6	140.4	255.4	197.2	162.5	155.7	133.7	135.6	142.3	140.3	134.4	145.2	159.2	211.1	367.8
2010	168.4	146.9	135.2	138.5	253.2	148.3	147.1	145.7	134.8	134.7	135.8	144.4	137.2	134.8	159.5	211.9	361.2
2011	149.3	134.8	117.8	123.8	220.7	148.6	131.3	126.7	118.7	110.8	122.6	121.7	119.7	128.7	138.3	181.8	317.7
2012	139.2	123.7	112.2	117.4	203.3	124.4	123.1	123.6	117.5	112.5	107.8	116.3	119.3	130.6	164.5	292.6	
2013	104.9	106.3	78.5	84.4	150.3	123.7	104.9	93.5	75.1	78.8	81.0	78.0	85.7	88.6	95.9	116.1	221.3
2014	100.2	89.2	78.8	88.3	145.5	100.7	85.3	80.8	79.0	75.2	81.4	87.8	88.8	88.3	99.7	126.9	196.9
2015	104.0	90.6	84.9	93.7	146.6	91.0	82.7	96.5	90.5	84.6	80.7	89.8	92.8	97.6	99.2	128.3	199.1
2016	100.0	95.4	84.6	84.1	135.9	100.6	95.0	91.4	89.4	85.1	80.3	80.7	85.2	85.9	91.9	128.9	176.9
2017	94.0	87.2	76.2	79.7	133.1	91.2	89.5	82.1	78.1	74.6	76.0	80.8	81.5	77.3	90.5	122.2	175.8
2018	..	89.3	78.1	86.8	..	96.1	83.0	89.0	80.9	71.4	81.2	81.7	89.5	88.7	90.2	125.9	..
Percentage increase on a year earlier																	
2009	-4.0	7.0	-4.0	-10.4	-7.4	9.7	15.8	1.1	-4.5	-9.2	0.7	-11.1	-12.8	-7.9	-9.3	-7.0	-6.9
2010	-4.3	-13.9	-1.8	-1.3	-0.9	-24.8	-9.5	-6.5	0.8	-0.7	-4.5	2.9	2.0	-7.1	0.2	0.4	-1.8
2011	-11.4	-8.2	-12.9	-10.6	-12.8	0.2	-10.7	-13.0	-11.9	-17.7	-9.7	-15.7	-12.7	-4.6	-13.3	-14.2	-12.0
2012	-6.8	-8.3	-4.7	-5.1	-7.9	-16.3	-6.2	-2.4	-1.1	1.6	-12.0	-4.5	-2.8	-7.3	-5.6	-9.5	-7.9
2013	-24.6	-14.0	-30.1	-28.1	-26.1	-0.5	-14.8	-24.3	-36.1	-30.0	-24.9	-32.9	-26.3	-25.7	-26.6	-29.4	-24.4
2014	-4.5	-16.1	0.4	4.6	-3.2	-18.6	-18.7	-13.6	5.3	-4.6	0.5	12.6	3.7	-0.4	3.9	9.4	-11.0
2015	3.7	1.6	7.8	6.1	0.8	-9.6	-3.0	19.5	14.5	12.5	-0.9	2.2	4.4	10.6	-0.4	1.1	1.1
2016	-3.8	5.3	-0.4	-10.3	-7.3	10.5	14.9	-5.3	-1.2	0.5	-0.5	-10.1	-8.1	-12.0	-7.4	0.4	-11.2
2017	-6.0	-8.6	-9.9	-5.3	-2.1	-9.4	-5.8	-10.2	-12.7	-12.3	-5.4	0.1	-4.4	-10.0	-1.5	-5.1	-0.6
2018	..	2.4	2.5	8.9	..	5.4	-7.3	8.4	3.6	-4.2	6.9	1.0	9.8	14.7	-0.4	3.0	..

The monthly periods consist of 4 weeks except for March, June, September and December which are 5 weeks. January 2014 is also a 5 week period.





## 3

CHAINED VOLUME OF RETAIL SALES  
NON-SEASONALLY ADJUSTED

continued Index numbers of sales per week and percentage increase on a year earlier

Index 2016=100

	Year	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>SIC 2007 (SALES IN 2016)</b>																	
Computers and Telecommunications Equipment (£5,675m)																	
2009	48.7	46.8	43.7	46.9	57.4	48.2	43.7	48.1	45.6	42.5	43.1	54.0	43.9	43.5	47.7	59.1	63.7
2010	48.5	37.9	39.9	47.4	68.7	35.8	38.2	39.5	38.9	39.8	40.8	45.9	48.5	47.8	49.8	66.5	85.5
2011	51.4	48.4	43.0	43.4	71.0	52.2	49.3	44.6	41.8	43.7	43.4	42.6	41.3	45.8	52.9	70.0	86.3
2012	51.2	43.5	41.2	48.4	71.7	50.0	41.1	40.2	45.4	39.3	39.3	48.7	42.3	53.0	55.8	69.7	85.9
2013	58.9	48.2	46.5	53.6	87.4	51.9	47.3	46.0	50.9	46.5	42.9	51.2	47.2	60.6	65.1	84.2	107.7
2014	69.6	56.9	55.6	66.8	100.1	60.3	57.6	52.8	60.3	54.7	52.7	60.4	55.7	80.9	88.9	98.9	110.0
2015	84.6	65.0	63.6	85.4	124.3	73.5	65.0	58.3	68.5	63.0	60.3	79.2	75.3	98.5	107.6	125.4	136.8
2016	100.0	80.6	85.0	92.3	142.1	84.9	79.4	78.2	97.6	80.1	78.7	87.2	83.4	103.5	136.5	132.5	154.3
2017	90.0	71.9	73.5	83.9	130.9	77.1	69.1	70.0	85.0	67.4	69.1	86.2	80.9	84.6	109.5	135.0	144.6
2018	..	77.2	69.7	80.5	..	86.3	73.9	72.7	75.1	67.7	66.9	73.4	82.7	84.5	121.9	121.6	..
Percentage increase on a year earlier																	
2009	-4.4	-5.7	-13.2	-4.6	4.7	2.3	-17.3	-2.7	-13.3	-16.7	-10.1	5.7	-7.2	-11.2	-5.6	9.4	8.3
2010	-0.4	-18.9	-8.7	1.2	19.7	-25.7	-12.7	-17.8	-14.6	-6.4	-5.5	-14.9	10.4	9.9	4.3	12.4	34.3
2011	6.1	27.5	7.7	-8.5	3.4	45.9	29.1	12.8	7.3	9.8	6.4	-7.3	-14.8	-4.3	6.2	5.3	0.9
2012	-0.5	-10.1	-4.2	11.4	1.0	-4.3	-16.7	-9.7	8.6	-10.2	-9.4	14.3	2.4	15.8	5.6	-0.4	-0.4
2013	15.1	10.9	12.9	10.7	21.9	3.9	15.2	14.4	12.2	18.5	9.0	5.1	11.7	14.2	16.6	20.8	25.3
2014	18.2	17.9	19.8	24.8	14.6	16.2	21.9	14.7	18.4	17.5	23.0	18.0	17.9	33.6	36.5	17.4	2.2
2015	21.5	14.4	14.4	27.8	24.2	21.8	12.9	10.4	13.6	15.2	14.3	31.2	35.2	21.8	21.1	26.8	24.3
2016	18.2	24.0	33.5	8.0	14.3	15.6	22.0	34.2	42.6	27.2	30.6	10.0	10.8	5.1	26.8	5.7	12.8
2017	-10.0	-10.8	-13.5	-9.0	-7.9	-9.2	-12.9	-10.6	-12.9	-15.8	-12.3	-1.1	-3.0	-18.3	-19.7	1.9	-6.3
2018	..	7.4	-5.2	-4.1	..	11.9	6.8	3.9	-11.7	0.4	-3.1	-14.9	2.2	-0.1	11.3	-9.9	..
Other Retail Sale in Specialised Stores NEC (£34,098m)																	
2009	81.9	70.7	82.0	79.5	95.4	69.6	69.6	72.5	78.6	81.5	85.1	83.0	80.2	76.0	78.5	91.3	112.2
2010	85.7	71.5	84.8	86.2	100.2	63.6	73.1	76.6	82.7	85.1	86.3	92.4	86.8	80.8	88.0	96.9	112.6
2011	84.5	74.6	84.9	81.6	96.8	69.6	74.4	78.9	84.9	85.3	84.5	86.1	81.7	78.0	85.6	89.8	111.5
2012	83.8	74.5	81.5	82.7	96.5	68.7	71.6	81.5	76.5	80.4	86.4	85.1	85.8	78.2	83.0	92.8	110.2
2013	85.2	71.2	84.4	84.8	100.2	62.8	73.1	76.4	81.2	83.8	87.5	87.9	82.0	84.5	85.4	93.9	117.1
2014	94.2	81.8	92.8	90.6	112.8	74.2	81.1	89.9	87.9	93.6	96.1	100.4	89.1	83.8	92.6	102.9	136.8
2015	93.0	83.8	95.5	88.0	104.9	75.4	85.0	89.6	95.2	96.9	94.6	94.9	88.2	82.3	90.7	97.5	122.1
2016	100.0	84.7	100.4	97.3	117.6	77.6	82.6	92.0	98.6	100.8	101.6	106.2	96.4	90.9	100.2	108.7	138.5
2017	102.0	87.0	102.9	98.6	119.3	81.6	90.5	88.5	102.4	102.8	103.4	104.5	104.8	89.0	99.5	111.6	141.4
2018	..	88.6	102.9	103.4	..	83.9	89.0	92.0	104.0	104.9	100.5	108.2	105.4	97.9	102.3	121.6	..
Percentage increase on a year earlier																	
2009	-4.2	-3.9	-6.5	-4.8	-2.9	3.7	-7.5	-7.9	-4.0	-10.2	-5.4	-5.5	-3.4	-5.3	-2.8	1.6	-5.6
2010	4.6	1.1	3.4	8.5	5.0	-8.7	5.0	5.6	5.2	4.4	1.4	11.3	8.2	6.3	12.1	6.1	0.4
2011	-1.4	4.4	0.1	-5.3	-3.4	9.4	1.8	3.0	2.7	0.2	-2.1	-6.8	-5.9	-3.4	-2.7	-7.3	-1.1
2012	-0.8	-0.1	-4.0	1.3	-0.4	-1.2	-3.7	3.4	-9.9	-5.8	2.2	-1.1	5.0	0.3	-3.1	3.3	-1.2
2013	1.6	-4.5	3.6	2.5	3.9	-8.5	2.1	-6.3	6.1	4.2	1.3	3.3	-4.5	8.0	2.9	1.2	6.3
2014	10.7	14.8	9.9	6.8	12.5	18.1	10.9	17.7	8.3	11.7	9.8	14.2	8.8	-0.8	8.4	9.6	16.8
2015	-1.3	2.5	2.9	-2.8	-7.0	1.6	4.8	-0.3	8.3	3.5	-1.6	-5.4	-1.1	-1.8	-2.1	-5.2	-10.7
2016	7.5	1.0	5.2	10.6	12.1	2.9	-2.7	2.6	3.5	4.0	7.5	11.9	9.4	10.5	10.5	11.5	13.4
2017	2.0	2.7	2.5	1.4	1.5	5.1	9.5	-3.7	3.9	2.0	1.7	-1.6	8.7	-2.1	-0.7	2.6	2.1
2018	..	1.9	-	4.8	..	2.9	-1.6	4.0	1.5	2.0	-2.8	3.5	0.6	9.9	2.8	9.0	..

The monthly periods consist of 4 weeks except for March, June, September and December which are 5 weeks. January 2014 is also a 5 week period.



## 3

CHAINED VOLUME OF RETAIL SALES  
NON-SEASONALLY ADJUSTED

continued Index numbers of sales per week and percentage increase on a year earlier

Index 2016=100

Year	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
<b>SIC 2007 (SALES IN 2016)</b>																	
Mail Order (£30,738m)																	
2009	37.8	35.4	33.7	34.8	47.4	36.2	33.9	35.9	34.4	33.7	33.2	34.4	33.9	35.9	41.6	51.6	48.6
2010	42.2	38.4	36.6	39.7	53.9	37.5	38.8	38.9	37.6	36.7	35.8	38.4	39.7	40.6	46.4	55.9	58.3
2011	48.8	43.6	42.9	45.7	63.0	44.4	43.4	43.2	41.6	42.9	43.8	44.8	45.5	46.6	50.7	68.0	68.9
2012	54.9	49.3	48.9	50.1	71.1	49.5	48.1	50.2	48.8	49.2	48.8	52.0	47.0	51.1	56.5	72.4	81.7
2013	64.2	57.9	57.6	59.5	81.6	56.7	57.5	59.0	56.9	57.5	58.3	59.0	60.2	59.3	66.4	83.9	92.1
2014	74.1	65.7	69.2	67.2	94.9	61.5	68.1	68.1	68.7	70.3	68.6	67.2	64.8	69.2	75.9	101.8	104.6
2015	84.4	76.7	78.2	78.7	104.1	77.6	73.9	78.2	78.5	75.7	79.8	80.7	74.0	80.7	86.9	117.0	107.5
2016	100.0	82.8	89.1	93.0	135.1	85.0	80.3	82.9	88.0	91.0	88.6	89.4	89.8	98.4	111.1	151.5	141.2
2017	116.9	101.2	106.1	110.2	150.0	101.3	100.2	102.0	106.4	103.8	107.8	105.3	105.2	118.2	124.3	169.3	155.1
2018	..	110.0	118.1	123.6	..	107.9	110.4	111.4	114.2	121.0	118.9	123.8	120.8	125.6	136.8	190.3	..
Percentage increase on a year earlier																	
2009	7.1	5.7	4.1	8.2	9.2	7.1	-1.6	10.8	1.6	7.0	4.0	7.8	8.0	8.7	11.1	12.1	5.6
2010	11.5	8.6	8.7	13.9	13.8	3.7	14.3	8.2	9.4	9.1	7.8	11.6	17.1	13.3	11.5	8.4	19.9
2011	15.8	13.5	17.0	15.3	17.0	18.3	11.9	11.2	10.6	16.9	22.3	16.6	14.6	14.7	9.3	21.6	18.2
2012	12.4	13.1	14.2	9.5	12.8	11.5	10.9	16.1	17.3	14.5	11.5	16.0	3.3	9.5	11.5	6.5	18.6
2013	17.0	17.3	17.8	18.8	14.9	14.7	19.6	17.6	16.6	17.0	19.4	13.6	28.1	16.2	17.5	15.9	12.7
2014	15.5	13.6	20.0	13.0	16.2	8.4	18.4	15.3	20.8	22.3	17.7	13.8	7.8	16.6	14.3	21.3	13.5
2015	13.9	16.7	13.0	17.0	9.7	26.2	8.5	15.0	14.2	7.7	16.3	20.2	14.2	16.7	14.5	14.9	2.8
2016	18.5	7.9	14.1	18.2	29.8	9.5	8.7	6.0	12.1	20.2	10.9	10.7	21.2	21.9	27.9	29.6	31.3
2017	16.9	22.3	19.1	18.6	11.0	19.1	24.8	23.0	20.9	14.1	21.7	17.7	17.2	20.2	11.9	11.7	9.9
2018	..	8.7	11.3	12.1	..	6.5	10.3	9.3	7.4	16.6	10.3	17.6	14.8	6.3	10.1	12.4	..
Other Non-store Retail (£2,464m)																	
2009	123.6	89.8	114.1	141.3	149.3	83.9	90.3	94.1	112.3	109.7	119.0	134.1	140.1	148.1	135.1	171.5	142.9
2010	118.8	108.3	119.8	122.5	124.7	95.9	111.4	115.9	117.8	122.1	119.6	135.9	121.2	112.8	122.4	137.6	116.2
2011	115.0	111.8	121.0	107.1	120.1	96.5	125.1	113.4	115.1	119.6	126.9	114.0	104.8	103.3	126.9	122.3	112.9
2012	105.1	96.8	106.9	100.8	115.7	82.6	107.5	99.7	97.6	117.1	106.2	108.1	99.0	96.4	122.5	124.2	103.5
2013	117.0	101.0	121.8	122.8	122.3	81.1	112.6	107.7	103.3	121.4	137.0	138.1	121.5	111.6	113.0	130.8	122.9
2014	100.6	96.3	107.8	94.8	103.8	81.7	122.1	90.3	98.9	103.9	118.1	111.8	81.5	92.0	102.0	108.9	101.1
2015	91.6	86.3	94.9	86.9	98.3	66.3	105.9	86.5	88.7	86.7	106.3	101.9	74.8	84.6	100.7	105.9	90.4
2016	100.0	89.7	107.2	93.0	110.1	72.5	108.0	88.9	104.0	102.2	113.7	103.8	83.0	92.2	106.6	120.5	104.5
2017	87.6	84.1	86.9	84.8	94.6	75.1	81.8	93.2	88.7	85.5	86.6	88.2	86.2	81.0	98.9	98.7	88.0
2018	..	89.1	84.7	86.6	..	73.1	92.6	99.0	82.8	83.2	87.4	92.4	78.2	88.7	98.9	110.0	..
Percentage increase on a year earlier																	
2009	8.2	-13.7	2.9	41.5	4.5	-1.3	-25.3	-14.2	0.9	-2.8	9.3	43.3	45.5	37.4	10.9	5.9	-1.1
2010	-3.9	20.7	5.0	-13.3	-16.5	14.3	23.4	23.1	4.9	11.3	0.5	1.3	-13.5	-23.8	-9.5	-19.8	-18.7
2011	-3.2	3.2	1.0	-12.6	-3.7	0.6	12.4	-2.2	-2.3	-2.1	6.1	-16.1	-13.5	-8.4	3.7	-11.1	-2.8
2012	-8.6	-13.4	-11.7	-5.9	-3.6	-14.4	-14.1	-12.1	-15.2	-2.1	-16.3	-5.2	-5.5	-6.8	-3.4	1.5	-8.3
2013	11.3	4.3	14.0	21.8	5.7	-1.8	4.8	8.0	5.9	3.7	29.1	27.7	22.6	15.8	-7.8	5.3	18.7
2014	-14.0	-4.6	-11.5	-22.7	-15.1	0.7	8.4	-16.1	-4.2	-14.4	-13.8	-19.0	-32.9	-17.6	-9.7	-16.7	-17.7
2015	-9.0	-10.4	-12.0	-8.4	-5.3	-18.8	-13.2	-4.3	-10.3	-16.5	-9.9	-8.9	-8.2	-8.0	-1.4	-2.7	-10.6
2016	9.2	4.0	13.0	7.0	12.0	9.3	2.0	2.9	17.2	17.9	6.9	1.9	11.0	9.0	5.9	13.8	15.6
2017	-12.4	-6.3	-18.9	-8.8	-14.1	3.6	-24.2	4.8	-14.7	-16.4	-23.8	-15.0	3.8	-12.2	-7.3	-18.1	-15.8
2018	..	5.9	-2.6	2.1	..	-2.6	13.1	6.2	-6.6	-2.6	0.8	4.8	-9.3	9.5	-	11.4	..

The monthly periods consist of 4 weeks except for March, June, September and December which are 5 weeks. January 2014 is also a 5 week period.

## 3

CHAINED VOLUME OF RETAIL SALES  
NON-SEASONALLY ADJUSTED

continued Index numbers of sales per week and percentage increase on a year earlier

Index 2016=100

	Year	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>SIC 2007 (SALES IN 2016)</b>																	
Automotive Fuel, All Businesses (£36,849m)																	
2009	96.7	97.0	98.8	97.9	93.0	95.9	95.9	98.7	96.3	97.6	101.7	98.6	97.4	97.7	100.1	94.0	86.5
2010	87.3	84.0	89.4	89.3	86.4	78.1	85.3	87.7	89.1	90.5	88.8	91.6	88.2	88.4	90.4	91.5	79.0
2011	91.1	88.3	91.9	91.4	92.8	84.4	89.4	90.6	92.0	92.5	91.3	93.4	89.8	91.0	92.5	96.2	90.2
2012	89.0	92.1	87.2	90.1	86.4	87.2	90.3	97.5	84.8	90.5	86.6	91.4	88.7	90.3	87.7	87.3	84.5
2013	86.8	84.6	88.4	89.2	84.8	78.7	86.1	88.1	87.1	89.9	88.3	92.1	88.2	87.8	85.3	86.4	83.1
2014	87.5	85.4	88.5	88.3	88.2	77.8	85.0	93.2	87.1	87.8	90.3	90.3	87.7	87.1	87.2	89.4	87.9
2015	94.0	90.7	93.4	94.2	97.7	90.0	90.3	91.6	92.7	92.7	94.6	93.4	92.4	96.4	97.1	100.4	96.0
2016	100.0	97.8	100.9	101.4	99.9	97.0	96.7	99.3	101.5	102.8	98.7	102.7	101.1	100.6	102.3	102.1	96.3
2017	99.9	94.9	101.9	100.6	102.1	91.1	96.6	96.6	99.3	105.8	100.9	101.6	100.1	100.2	103.1	104.6	99.3
2018	..	97.2	103.4	102.0	..	93.8	101.1	96.8	101.7	105.4	103.1	103.6	101.6	101.0	101.2	106.8	..
Percentage increase on a year earlier																	
2009	-1.7	-0.6	-1.7	-1.8	-2.7	1.7	-3.3	-0.8	-7.3	-1.1	2.3	-2.5	0.7	-3.2	1.4	-5.0	-4.4
2010	-9.7	-13.4	-9.5	-8.7	-7.1	-18.5	-11.1	-11.2	-7.5	-7.4	-12.7	-7.1	-9.5	-9.5	-9.6	-2.7	-8.6
2011	4.4	5.1	2.8	2.4	7.4	8.0	4.7	3.3	3.3	2.2	2.8	2.0	1.9	3.0	2.3	5.1	14.2
2012	-2.3	4.3	-5.0	-1.4	-6.9	3.4	1.0	7.6	-7.8	-2.1	-5.1	-2.2	-1.3	-0.9	-5.2	-9.2	-6.3
2013	-2.5	-8.2	1.3	-1.0	-1.8	-9.8	-4.6	-9.6	2.7	-0.7	1.9	0.7	-0.6	-2.8	-2.8	-1.1	-1.6
2014	0.9	0.9	0.2	-1.0	4.0	-1.1	-1.2	5.7	-	-2.3	2.3	-1.9	-0.5	-0.7	2.3	3.4	5.8
2015	7.4	6.2	5.5	6.7	10.8	15.7	6.2	-1.7	6.5	5.5	4.8	3.4	5.3	10.6	11.3	12.3	9.1
2016	6.4	7.9	8.0	7.6	2.3	7.8	7.1	8.5	9.5	11.0	4.4	10.0	9.4	4.4	5.4	1.7	0.3
2017	-0.1	-2.9	1.1	-0.8	2.2	-6.0	-0.1	-2.7	-2.2	2.9	2.2	-1.0	-1.0	-0.4	0.8	2.5	3.1
2018	..	2.4	1.4	1.4	..	2.9	4.7	0.2	2.4	-0.4	2.2	1.9	1.4	0.8	-1.8	2.1	..

The monthly periods consist of 4 weeks except for March, June, September and December which are 5 weeks. January 2014 is also a 5 week period.











## 4

# VALUE OF RETAIL SALES AT CURRENT PRICES NON-SEASONALLY ADJUSTED

continued Index numbers of sales per week and percentage increase on a year earlier

Index 2016=100

	Year	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>SIC 2007 (SALES IN 2016)</b>																	
Specialist Food Stores (£8,346m)																	
2009	89.4	84.2	91.1	91.5	90.7	82.0	85.6	84.9	92.8	91.7	89.3	96.6	93.3	86.0	86.0	88.3	96.3
2010	87.2	78.9	87.7	88.7	93.6	72.6	79.3	83.5	86.9	87.8	88.4	91.9	89.7	85.2	95.7	95.1	90.9
2011	89.9	82.9	88.7	91.1	96.9	81.6	84.4	82.7	87.9	89.2	88.9	94.0	93.0	87.2	89.9	91.7	106.7
2012	92.8	84.8	90.6	92.3	103.5	81.4	85.8	86.6	89.6	91.4	90.7	95.0	93.9	89.0	97.7	97.0	113.2
2013	97.1	91.1	94.8	96.4	106.2	84.6	93.6	94.3	92.4	97.4	94.7	96.7	100.8	92.6	100.3	100.9	115.1
2014	96.4	92.5	97.7	95.9	100.0	89.3	95.4	93.3	100.1	97.8	95.6	98.3	99.0	91.6	96.3	96.4	105.8
2015	97.4	89.9	97.6	95.9	106.0	86.0	91.6	91.6	96.2	98.6	97.9	99.3	96.6	92.8	94.6	105.0	116.0
2016	100.0	92.7	97.4	100.9	109.0	86.6	94.6	96.0	97.7	96.5	98.0	101.0	102.9	99.2	101.0	115.4	110.2
2017	93.3	86.9	90.8	93.9	101.6	83.1	90.1	87.3	96.4	95.8	82.4	94.8	98.2	89.7	92.6	98.2	111.6
2018	..	90.5	105.5	115.0	..	83.3	87.4	98.8	105.9	110.6	101.3	122.2	119.2	105.9	114.1	118.9	..
Percentage increase on a year earlier																	
2009	4.2	11.8	6.5	2.6	-3.4	18.0	8.0	8.9	10.6	7.2	2.7	7.5	2.2	-1.1	-4.9	-1.8	-3.4
2010	-2.4	-6.4	-3.7	-3.1	3.3	-11.4	-7.3	-1.7	-6.3	-4.2	-1.0	-4.9	-3.8	-0.9	11.3	7.7	-5.6
2011	3.1	5.1	1.1	2.7	3.5	12.4	6.3	-1.0	1.2	1.6	0.6	2.3	3.7	2.3	-6.0	-3.6	17.4
2012	3.2	2.3	2.1	1.4	6.7	-0.3	1.7	4.8	1.9	2.5	2.0	1.1	0.9	2.0	8.7	5.9	6.1
2013	4.7	7.4	4.7	4.4	2.6	3.9	9.0	8.8	3.1	6.5	4.5	1.8	7.3	4.1	2.6	4.0	1.7
2014	-0.7	1.5	3.0	-0.5	-5.8	5.5	2.0	-1.0	8.4	0.4	0.9	1.6	-1.7	-1.1	-4.0	-4.5	-8.1
2015	0.9	-2.8	-0.1	-	6.0	-3.6	-4.0	-1.8	-3.9	0.9	2.3	1.0	-2.5	1.3	-1.8	8.9	9.6
2016	2.7	3.1	-0.2	5.2	2.8	0.7	3.3	4.8	1.6	-2.2	0.1	1.7	6.6	7.0	6.8	9.9	-5.0
2017	-6.7	-6.3	-6.8	-7.0	-6.8	-4.0	-4.7	-9.1	-1.4	-0.7	-15.9	-6.1	-4.6	-9.6	-8.4	-14.9	1.2
2018	..	4.2	16.2	22.5	..	0.2	-3.0	13.3	9.9	15.4	22.8	28.8	21.5	18.0	23.3	21.1	..
Alcoholic Drinks, Other Beverages and Tobacco (£3,593m)																	
2009	112.1	102.5	116.2	112.2	117.5	89.7	110.0	106.8	112.6	115.8	119.3	115.9	114.4	107.4	107.9	112.4	129.3
2010	88.2	91.7	94.6	81.2	85.3	91.2	90.8	92.8	93.2	96.3	94.4	91.2	83.6	71.3	73.1	88.1	92.8
2011	93.1	78.3	92.5	93.2	108.4	69.7	82.0	82.3	91.5	87.8	97.1	95.7	91.3	92.6	100.0	101.9	120.2
2012	80.0	77.6	83.9	82.9	75.5	75.5	80.4	77.0	80.5	87.2	84.0	88.1	86.3	76.1	62.3	75.9	85.7
2013	77.2	70.4	76.7	74.5	87.0	66.6	71.2	72.7	75.4	78.2	76.5	77.7	72.4	73.8	73.8	85.1	99.1
2014	79.2	65.6	79.3	75.0	97.8	60.2	67.3	69.7	88.5	75.9	74.7	76.1	72.2	76.2	79.1	90.1	118.9
2015	88.7	72.7	89.2	88.7	104.1	66.1	75.2	75.9	84.4	91.1	91.5	89.2	86.0	90.5	87.0	99.5	121.4
2016	100.0	85.1	105.6	99.0	110.3	66.8	92.3	94.0	100.0	105.1	110.4	103.7	101.6	93.3	96.8	106.9	123.8
2017	87.0	78.7	93.6	78.7	97.1	70.5	83.0	81.8	86.2	91.1	101.5	80.1	75.9	79.8	83.9	93.0	110.9
2018	..	72.1	89.5	79.2	..	62.4	72.6	79.6	80.4	93.6	93.6	80.5	82.9	75.2	79.3	94.8	..
Percentage increase on a year earlier																	
2009	-10.8	-9.1	-11.7	-11.6	-11.4	-17.8	-4.2	-7.0	-11.9	-14.4	-9.3	-13.0	-7.9	-13.3	-14.4	-13.4	-7.7
2010	-21.3	-10.5	-18.5	-27.6	-27.4	1.7	-17.4	-13.1	-17.2	-16.8	-20.9	-21.3	-26.9	-33.6	-32.3	-21.6	-28.2
2011	5.5	-14.6	-2.2	14.7	27.1	-23.6	-9.8	-11.4	-1.8	-8.8	2.9	4.9	9.3	30.0	36.8	15.7	29.5
2012	-14.1	-0.9	-9.3	-11.0	-30.4	8.3	-1.9	-6.5	-12.0	-0.7	-13.5	-8.0	-5.5	-17.8	-37.7	-25.6	-28.8
2013	-3.5	-9.3	-8.6	-10.1	15.3	-11.8	-11.4	-5.5	-6.4	-10.4	-8.9	-11.8	-16.2	-3.1	18.4	12.2	15.7
2014	2.6	-6.8	3.4	0.6	12.4	-9.6	-5.6	-4.1	17.4	-2.9	-2.4	-2.0	-0.2	3.3	7.1	5.9	19.9
2015	12.0	10.8	12.5	18.3	6.5	9.8	11.8	8.9	-4.6	20.0	22.5	17.2	19.1	18.6	10.0	10.5	2.1
2016	12.8	17.1	18.3	11.6	5.9	1.2	22.7	23.8	18.4	15.3	20.7	16.3	18.0	3.1	11.2	7.4	2.0
2017	-13.0	-7.5	-11.4	-20.6	-11.9	5.5	-10.0	-13.0	-13.8	-13.3	-8.1	-22.8	-25.2	-14.5	-13.3	-13.0	-10.4
2018	..	-8.3	-4.3	0.6	..	-11.4	-12.6	-2.7	-6.6	2.8	-7.8	0.5	9.2	-5.8	-5.5	2.0	..

The monthly periods consist of 4 weeks except for March, June, September and December which are 5 weeks. January 2014 is also a 5 week period.







# 4 VALUE OF RETAIL SALES AT CURRENT PRICES NON-SEASONALLY ADJUSTED

continued Index numbers of sales per week and percentage increase on a year earlier

Index 2016=100

	Year	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>SIC 2007 (SALES IN 2016)</b>																	
Textiles (£800m)																	
2009	94.5	99.5	90.8	91.2	96.5	112.5	108.4	81.9	87.6	97.2	88.4	96.2	88.5	89.5	105.4	102.2	84.9
2010	96.9	87.8	89.0	96.2	114.7	87.7	88.6	87.2	89.6	88.6	88.9	97.9	96.7	94.5	108.8	122.7	113.0
2011	82.4	79.6	73.8	80.2	96.2	82.2	78.8	78.1	71.5	73.8	75.6	79.7	73.8	85.8	85.2	96.2	105.0
2012	84.9	79.0	76.1	84.5	99.9	80.6	80.1	76.9	75.0	74.3	78.5	81.5	86.7	85.2	99.4	97.5	102.2
2013	88.2	82.6	84.3	84.4	101.5	85.9	82.9	79.6	82.3	83.5	86.6	88.1	89.0	77.8	90.8	99.5	111.7
2014	94.4	85.7	86.4	93.9	112.3	80.2	84.8	91.8	91.6	84.9	83.3	98.3	90.7	93.0	103.8	110.0	121.0
2015	93.1	76.7	87.1	90.3	118.1	68.6	72.2	86.8	87.3	88.6	85.8	97.1	86.9	87.5	103.6	132.3	118.4
2016	100.0	85.1	87.3	94.6	133.0	86.3	79.8	88.4	86.1	82.0	92.5	99.5	98.0	88.0	109.2	144.4	142.8
2017	99.9	95.4	88.5	88.0	127.9	91.3	89.5	103.3	95.2	92.1	80.2	93.2	80.2	90.1	108.1	131.0	141.2
2018	..	88.2	87.7	95.2	..	90.2	84.4	89.8	90.0	89.1	84.8	98.4	96.7	91.5	102.0	163.2	..
Percentage increase on a year earlier																	
2009	0.5	7.5	-0.6	-5.4	0.6	20.3	22.5	-13.6	-12.8	15.4	-1.7	-	-1.7	-12.0	1.2	9.2	-7.1
2010	2.5	-11.8	-2.0	5.5	18.8	-22.1	-18.2	6.4	2.3	-8.8	0.6	1.7	9.2	5.7	3.2	20.1	33.1
2011	-14.9	-9.4	-17.1	-16.6	-16.1	-6.3	-11.1	-10.5	-20.1	-16.7	-15.0	-18.5	-23.7	-9.2	-21.7	-21.6	-7.1
2012	3.0	-0.7	3.2	5.3	3.8	-1.9	1.6	-1.5	4.9	0.7	3.9	2.2	17.6	-0.7	16.7	1.3	-2.7
2013	3.9	4.5	10.7	-0.2	1.6	6.5	3.5	3.6	9.7	12.4	10.3	8.1	2.6	-8.7	-8.7	2.1	9.3
2014	7.0	3.8	2.4	11.3	10.7	-6.6	2.3	15.3	11.3	1.7	-3.7	11.5	1.9	19.6	14.3	10.6	8.4
2015	-1.4	-10.5	0.9	-3.9	5.2	-14.5	-15.0	-5.5	-4.7	4.4	3.0	-1.2	-4.2	-5.9	-0.2	20.3	-2.1
2016	7.5	11.0	0.2	4.8	12.6	25.9	10.5	1.8	-1.3	-7.4	7.8	2.5	12.7	0.6	5.5	9.1	20.6
2017	-0.1	12.1	1.3	-7.0	-3.8	5.8	12.2	16.9	10.6	12.3	-13.3	-6.3	-18.1	2.4	-1.1	-9.3	-1.1
2018	..	-7.5	-0.9	8.2	..	-1.3	-5.7	-13.1	-5.5	-3.3	5.7	5.6	20.6	1.6	-5.6	24.6	..

The monthly periods consist of 4 weeks except for March, June, September and December which are 5 weeks. January 2014 is also a 5 week period.





# 4 VALUE OF RETAIL SALES AT CURRENT PRICES NON-SEASONALLY ADJUSTED

continued Index numbers of sales per week and percentage increase on a year earlier

Index 2016=100

	Year	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>SIC 2007 (SALES IN 2016)</b>																	
Footwear and Leather Goods (£4,823m)																	
2009	83.0	68.8	85.3	84.2	93.5	71.7	66.0	68.7	88.7	82.9	84.5	84.4	87.2	81.7	87.3	83.4	106.6
2010	89.6	70.5	86.6	94.4	106.8	73.7	67.0	70.8	86.0	84.7	88.6	92.9	95.4	94.8	97.1	97.3	122.3
2011	90.8	72.3	87.9	92.6	110.4	79.2	68.1	70.1	89.5	83.9	89.8	95.1	91.4	91.7	95.8	98.8	131.2
2012	93.6	77.8	88.8	97.3	110.6	83.8	70.7	78.6	87.8	86.9	91.1	94.7	99.2	98.0	104.1	94.3	128.9
2013	91.7	77.3	83.5	93.9	112.0	87.4	76.2	70.2	83.3	81.9	84.9	87.2	97.7	96.2	97.2	96.3	136.3
2014	91.2	75.4	86.0	93.4	111.3	78.0	69.1	77.8	85.0	80.8	91.0	90.3	104.9	86.7	96.1	98.8	133.4
2015	95.6	74.6	93.2	101.3	113.5	82.3	71.1	71.1	90.7	88.5	99.0	95.8	111.6	97.4	97.5	104.0	133.8
2016	100.0	79.8	93.3	106.2	120.7	85.5	69.8	83.3	89.3	94.2	95.8	110.0	113.0	97.7	102.8	111.4	142.5
2017	104.6	81.8	102.1	111.7	123.0	87.5	74.1	83.4	98.6	97.1	108.8	110.0	115.6	109.9	103.2	113.1	146.7
2018	..	81.9	94.7	104.9	..	91.3	77.0	78.2	89.7	94.2	99.1	109.5	111.0	96.4	94.2	104.9	..
Percentage increase on a year earlier																	
2009	1.7	3.1	5.4	-3.3	0.9	3.1	3.4	3.9	19.6	-3.1	2.2	-0.4	-7.9	-1.4	5.6	0.4	-1.7
2010	8.0	2.5	1.5	12.0	14.3	2.7	1.6	3.1	-3.0	2.2	4.8	10.1	9.4	15.9	11.2	16.7	14.7
2011	1.3	2.5	1.5	-1.9	3.3	7.5	1.6	-1.0	4.0	-1.0	1.4	2.3	-4.3	-3.2	-1.3	1.5	7.3
2012	3.1	7.6	1.1	5.1	0.2	5.9	3.9	12.0	-1.8	3.7	1.4	-0.3	8.5	6.8	8.6	-4.5	-1.8
2013	-2.1	-0.6	-6.0	-3.5	1.2	4.2	7.7	-10.6	-5.1	-5.8	-6.8	-7.9	-1.4	-1.8	-6.6	2.1	5.8
2014	-0.5	-2.6	3.0	-0.6	-0.6	-10.8	-9.2	10.7	1.9	-1.3	7.2	3.5	7.3	-9.9	-1.1	2.6	-2.2
2015	4.8	-1.1	8.3	8.4	2.0	5.6	2.9	-8.6	6.7	9.5	8.8	6.2	6.4	12.3	1.4	5.3	0.3
2016	4.6	7.1	0.1	4.8	6.4	3.8	-1.9	17.2	-1.5	6.5	-3.2	14.8	1.2	0.3	5.4	7.1	6.5
2017	4.6	2.5	9.4	5.2	1.9	2.3	6.2	0.1	10.4	3.0	13.6	-	2.4	12.5	0.4	1.5	3.0
2018	..	0.1	-7.2	-6.0	..	4.4	3.9	-6.2	-9.0	-3.0	-8.9	-0.4	-4.0	-12.2	-8.7	-7.3	..

The monthly periods consist of 4 weeks except for March, June, September and December which are 5 weeks. January 2014 is also a 5 week period.





# 4 VALUE OF RETAIL SALES AT CURRENT PRICES NON-SEASONALLY ADJUSTED

continued Index numbers of sales per week and percentage increase on a year earlier

Index 2016=100

	Year	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>SIC 2007 (SALES IN 2016)</b>																	
Music and video recordings and equipment (£1,002m)																	
2009	205.6	201.0	161.8	161.9	297.8	235.1	191.9	181.1	155.9	159.8	168.1	161.0	159.2	164.8	183.8	243.1	432.9
2010	192.2	170.4	155.3	154.6	288.4	172.2	168.8	170.2	154.7	154.2	156.7	161.0	155.4	148.9	176.5	235.1	420.6
2011	165.5	150.0	129.0	134.9	248.1	167.1	145.9	139.6	132.5	121.5	132.2	133.1	129.4	140.8	155.2	202.8	358.6
2012	153.3	136.3	125.2	128.9	222.9	138.2	134.8	136.0	132.0	124.7	120.2	129.1	125.8	131.2	144.3	179.4	320.7
2013	115.2	119.2	86.6	90.2	164.8	137.2	117.2	106.4	83.7	87.1	88.6	84.6	90.4	94.4	104.7	126.2	243.7
2014	106.6	95.5	85.6	93.6	152.6	106.0	92.0	87.7	85.3	82.1	88.6	93.6	94.1	93.2	106.3	132.8	205.5
2015	105.2	91.6	86.1	94.2	149.0	91.4	84.1	97.7	91.3	85.7	82.2	90.5	93.6	97.6	100.6	131.1	202.2
2016	100.0	95.2	84.5	83.7	136.5	98.9	95.0	92.4	89.6	84.6	80.5	81.1	84.1	85.4	90.9	127.3	180.3
2017	97.5	88.5	79.8	83.2	138.4	90.9	91.6	84.2	81.0	78.5	79.8	84.8	85.0	80.6	93.8	128.0	182.3
2018	..	92.0	81.0	88.7	..	98.4	85.5	92.1	84.4	74.4	83.6	83.6	90.8	91.2	93.1	128.1	..
Percentage increase on a year earlier																	
2009	-12.3	-5.0	-14.3	-19.4	-12.0	-1.8	2.4	-11.0	-15.8	-18.3	-9.7	-19.9	-19.9	-18.6	-14.8	-12.8	-10.6
2010	-6.5	-15.2	-4.0	-4.5	-3.2	-26.7	-12.0	-6.0	-0.8	-3.5	-6.7	-	-2.4	-9.6	-4.0	-3.3	-2.8
2011	-13.9	-12.0	-16.9	-12.7	-14.0	-3.0	-13.6	-18.0	-14.3	-21.2	-15.7	-17.3	-16.7	-5.4	-12.0	-13.8	-14.8
2012	-7.4	-9.2	-2.9	-4.5	-10.1	-17.3	-7.6	-2.6	-0.4	2.7	-9.0	-3.0	-2.8	-6.9	-7.0	-11.5	-10.6
2013	-24.9	-12.5	-30.8	-30.0	-26.1	-0.7	-13.0	-21.8	-36.6	-30.2	-26.3	-34.5	-28.2	-28.0	-27.4	-29.6	-24.0
2014	-7.5	-19.9	-1.2	3.8	-7.4	-22.7	-21.5	-17.6	1.8	-5.7	-	10.6	4.1	-1.3	1.6	5.2	-15.7
2015	-1.3	-4.1	0.6	0.6	-2.3	-13.8	-8.6	11.5	7.0	4.4	-7.3	-3.2	-0.6	4.7	-5.4	-1.3	-1.6
2016	-5.0	4.0	-1.8	-11.2	-8.4	8.3	12.9	-5.4	-1.9	-1.2	-2.1	-10.5	-10.1	-12.5	-9.6	-2.8	-10.8
2017	-2.5	-7.0	-5.7	-0.5	1.3	-8.1	-3.6	-8.9	-9.6	-7.2	-0.9	4.6	1.0	-5.6	3.2	0.5	1.1
2018	..	3.9	1.6	6.6	..	8.2	-6.7	9.5	4.2	-5.2	4.8	-1.4	6.8	13.1	-0.8	-	..

The monthly periods consist of 4 weeks except for March, June, September and December which are 5 weeks. January 2014 is also a 5 week period.





# 4 VALUE OF RETAIL SALES AT CURRENT PRICES NON-SEASONALLY ADJUSTED

continued Index numbers of sales per week and percentage increase on a year earlier

Index 2016=100

	Year	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>SIC 2007 (SALES IN 2016)</b>																	
Computers and Telecommunications Equipment (£5,675m)																	
2009	89.4	86.0	80.6	86.2	104.6	88.3	80.7	88.4	84.2	78.2	79.7	98.8	81.4	80.0	87.5	108.2	115.3
2010	83.5	68.6	69.6	80.8	115.1	64.5	69.3	71.4	68.0	68.9	71.5	78.2	83.3	80.8	84.7	111.2	142.5
2011	83.5	79.6	68.8	70.8	114.7	85.4	81.8	73.1	67.4	70.1	68.9	68.8	67.6	75.0	86.9	113.6	137.8
2012	75.7	67.6	62.1	71.2	101.8	78.3	63.5	62.3	68.9	60.0	58.4	71.1	62.2	78.4	81.5	99.5	120.0
2013	78.8	67.2	63.2	70.7	114.2	72.9	66.2	63.6	70.4	63.3	57.3	67.7	62.4	79.6	88.1	108.4	139.6
2014	81.0	69.5	64.2	76.6	114.4	75.6	68.1	64.5	71.4	63.4	59.0	68.8	64.0	93.0	104.3	115.1	121.8
2015	90.9	72.6	69.0	91.6	130.5	83.2	71.2	65.1	74.5	67.7	65.7	83.4	81.7	106.2	118.3	131.5	139.4
2016	100.0	82.4	84.9	91.6	141.1	86.8	82.5	78.8	97.1	80.2	78.8	86.1	83.2	102.7	137.5	132.7	150.7
2017	89.9	72.5	74.0	83.4	129.8	77.0	70.3	70.7	84.9	68.5	69.7	85.4	80.2	84.3	109.8	133.4	142.9
2018	..	75.6	66.9	74.6	..	85.4	72.4	70.3	71.5	66.3	63.8	68.6	76.3	77.9	114.7	113.7	..
Percentage increase on a year earlier																	
2009	-9.0	-13.2	-17.6	-8.6	2.9	-8.0	-23.3	-9.1	-18.3	-21.0	-14.0	1.3	-10.8	-15.0	-9.1	7.0	8.5
2010	-6.5	-20.2	-13.7	-6.3	10.0	-26.9	-14.1	-19.3	-19.3	-11.9	-10.3	-20.8	2.3	1.0	-3.2	2.8	23.5
2011	-0.1	16.0	-1.2	-12.3	-0.3	32.3	18.1	2.4	-0.9	1.7	-3.6	-12.0	-18.9	-7.2	2.5	2.2	-3.3
2012	-9.3	-15.1	-9.7	0.5	-11.2	-8.3	-22.4	-14.8	2.3	-14.4	-15.3	3.4	-7.9	4.5	-6.2	-12.5	-12.9
2013	4.1	-0.5	1.7	-0.7	12.1	-6.9	4.2	2.1	2.2	5.5	-1.8	-4.7	0.3	1.5	8.2	9.0	16.3
2014	2.7	3.4	1.5	8.5	0.2	3.8	2.9	1.4	1.3	0.1	3.0	1.6	2.4	16.9	18.4	6.2	-12.8
2015	12.3	4.4	7.5	19.6	14.1	10.0	4.5	1.0	4.4	6.8	11.2	21.1	27.8	14.2	13.4	14.3	14.4
2016	10.0	13.6	23.0	-0.1	8.1	4.3	15.9	20.9	30.4	18.5	20.0	3.3	1.8	-3.3	16.2	0.9	8.2
2017	-10.1	-12.0	-12.8	-9.0	-8.0	-11.3	-14.9	-10.2	-12.6	-14.6	-11.6	-0.8	-3.6	-17.9	-20.2	0.5	-5.2
2018	..	4.3	-9.6	-10.6	..	10.9	3.0	-0.5	-15.9	-3.3	-8.4	-19.6	-4.8	-7.7	4.5	-14.8	..
Other Retail Sale in Specialised Stores NEC (£34,098m)																	
2009	76.7	65.0	76.6	74.3	91.0	63.1	64.0	67.4	73.2	76.1	79.7	76.8	75.0	71.9	74.3	86.9	107.5
2010	82.3	67.9	81.5	82.5	97.3	59.8	69.4	73.2	79.3	81.8	83.0	87.6	82.9	78.2	85.1	94.1	109.7
2011	83.7	72.9	83.9	80.7	97.4	66.9	72.7	77.8	83.8	84.6	83.3	84.2	80.7	78.0	86.0	90.4	112.0
2012	84.4	74.7	81.9	82.8	98.1	68.2	71.8	82.3	77.1	80.9	86.4	84.5	85.6	79.1	84.2	94.4	112.2
2013	86.2	71.8	85.3	85.4	102.2	62.7	73.7	77.6	82.1	84.8	88.3	87.8	82.5	85.8	87.0	95.8	119.3
2014	95.6	82.8	94.5	91.6	114.7	74.6	82.1	91.5	89.3	95.4	98.0	100.9	90.1	85.3	94.4	104.8	138.9
2015	93.3	84.1	95.8	87.8	105.7	75.3	85.3	90.2	95.5	97.5	94.7	94.3	87.8	82.5	91.5	98.3	123.0
2016	100.0	84.4	100.1	96.7	118.8	77.0	82.3	91.9	98.3	100.4	101.3	104.7	95.5	91.2	100.8	110.1	140.2
2017	104.4	88.1	105.1	100.6	123.9	81.5	91.6	90.6	104.3	105.3	105.5	105.7	106.6	91.8	102.9	116.2	146.8
2018	..	91.8	106.8	106.9	..	86.0	92.3	95.9	108.2	109.3	103.8	110.8	109.0	102.1	106.6	127.1	..
Percentage increase on a year earlier																	
2009	-3.4	-3.8	-6.5	-4.5	-0.3	3.1	-7.3	-7.6	-3.8	-10.1	-5.5	-5.8	-3.0	-4.7	-1.9	3.0	-1.4
2010	7.3	4.4	6.4	11.0	7.0	-5.2	8.5	8.6	8.4	7.6	4.2	14.0	10.6	8.7	14.6	8.2	2.0
2011	1.7	7.3	2.9	-2.2	-	11.7	4.8	6.3	5.7	3.4	0.4	-3.9	-2.6	-0.2	1.0	-3.9	2.1
2012	0.8	2.5	-2.4	2.6	0.7	1.9	-1.3	5.8	-8.0	-4.4	3.7	0.5	6.1	1.4	-2.1	4.4	0.2
2013	2.2	-3.9	4.2	3.2	4.2	-7.9	2.7	-5.7	6.5	4.7	2.2	3.9	-3.7	8.5	3.4	1.5	6.4
2014	11.0	15.2	10.8	7.2	12.3	18.9	11.4	17.9	8.8	12.5	10.9	14.8	9.3	-0.7	8.4	9.4	16.4
2015	-2.4	1.6	1.4	-4.2	-7.9	0.9	3.9	-1.4	7.0	2.2	-3.4	-6.5	-2.6	-3.2	-3.1	-6.2	-11.4
2016	7.2	0.3	4.5	10.2	12.4	2.3	-3.5	1.9	2.9	3.0	7.1	11.1	8.9	10.6	10.3	12.0	14.0
2017	4.4	4.5	5.0	4.1	4.3	5.8	11.4	-1.4	6.1	4.9	4.1	0.9	11.6	0.7	2.0	5.6	4.7
2018	..	4.1	1.7	6.3	..	5.5	0.8	5.8	3.7	3.8	-1.7	4.9	2.3	11.2	3.6	9.4	..

The monthly periods consist of 4 weeks except for March, June, September and December which are 5 weeks. January 2014 is also a 5 week period.





# 4 VALUE OF RETAIL SALES AT CURRENT PRICES NON-SEASONALLY ADJUSTED

continued Index numbers of sales per week and percentage increase on a year earlier

Index 2016=100

	Year	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>SIC 2007 (SALES IN 2016)</b>																	
Mail Order (£30,738m)																	
2009	37.5	34.8	33.4	34.6	47.4	35.0	33.5	35.7	34.0	33.4	33.0	33.8	33.6	35.9	41.6	51.6	48.6
2010	42.4	38.2	36.9	39.8	54.8	36.9	38.5	39.0	37.8	37.0	36.1	38.0	39.7	41.3	46.9	56.8	59.5
2011	49.8	44.2	43.8	46.5	64.9	44.3	44.1	44.1	42.7	44.0	44.4	45.2	46.1	48.0	52.4	70.2	70.7
2012	56.2	50.5	50.2	51.0	73.1	50.0	49.4	51.9	50.5	50.6	49.6	52.4	47.6	52.6	58.3	74.4	84.0
2013	66.0	59.4	59.2	60.6	84.7	57.4	58.9	61.3	58.6	59.2	59.6	59.6	61.0	61.1	68.9	87.1	95.4
2014	76.2	67.4	71.5	68.8	97.6	62.2	70.0	70.4	71.0	72.7	70.9	68.2	66.4	71.3	78.5	104.5	107.4
2015	85.1	77.3	78.8	78.8	105.5	77.9	74.4	79.2	79.3	76.4	80.3	80.6	74.1	81.2	88.3	118.7	108.6
2016	100.0	82.6	88.6	92.2	136.6	84.6	80.1	83.0	87.5	90.3	88.1	88.3	88.5	98.3	111.7	153.3	143.1
2017	119.7	102.0	108.1	112.8	156.0	100.8	101.1	103.8	108.0	106.1	109.8	106.8	107.2	122.2	128.7	176.6	161.2
2018	..	114.0	122.6	127.4	..	110.7	114.7	116.0	118.6	126.4	122.7	126.5	124.4	130.6	142.9	199.5	..
Percentage increase on a year earlier																	
2009	6.0	3.6	2.0	7.0	9.9	4.1	-3.4	9.1	-0.3	4.6	1.9	6.1	6.8	7.8	10.9	11.9	7.7
2010	13.0	9.8	10.4	15.1	15.6	5.6	14.9	9.3	11.2	10.9	9.4	12.5	18.1	14.9	12.8	10.2	22.3
2011	17.5	15.6	18.6	16.9	18.5	19.9	14.5	13.1	12.9	19.0	23.1	18.8	16.1	16.1	11.7	23.6	19.0
2012	12.8	14.4	14.6	9.5	12.7	12.8	12.1	17.6	18.3	14.8	11.7	15.9	3.1	9.6	11.2	6.0	18.8
2013	17.4	17.5	17.9	18.9	15.8	15.0	19.2	18.1	16.0	17.1	20.1	13.9	28.2	16.2	18.3	17.1	13.5
2014	15.5	13.5	20.8	13.6	15.2	8.3	18.8	15.0	21.1	22.8	19.1	14.3	9.0	16.7	13.9	20.0	12.5
2015	11.7	14.7	10.2	14.5	8.1	25.1	6.3	12.4	11.7	5.1	13.2	18.2	11.5	14.0	12.5	13.6	1.2
2016	17.5	6.9	12.5	17.0	29.5	8.7	7.7	4.8	10.4	18.2	9.7	9.6	19.5	21.0	26.4	29.1	31.8
2017	19.7	23.5	22.0	22.3	14.2	19.2	26.1	25.0	23.4	17.5	24.6	20.9	21.0	24.3	15.3	15.2	12.6
2018	..	11.7	13.4	12.9	..	9.8	13.5	11.8	9.9	19.2	11.7	18.5	16.0	6.9	11.0	12.9	..
Other Non-store Retail (£2,464m)																	
2009	115.6	82.9	106.2	131.5	141.8	77.0	83.7	86.9	103.9	101.8	111.5	123.3	130.9	138.6	127.5	162.6	136.6
2010	116.7	105.0	117.2	119.3	125.2	92.8	107.1	113.1	115.3	119.8	116.6	131.7	117.9	110.6	120.7	137.2	119.4
2011	120.1	115.2	126.3	111.7	127.1	98.8	128.6	117.7	120.2	124.4	132.6	118.3	109.1	108.6	133.3	129.8	119.9
2012	112.3	103.5	113.6	107.3	125.0	87.1	115.3	107.2	104.7	124.8	111.7	113.7	105.5	103.5	132.2	133.8	112.3
2013	127.2	110.2	132.0	133.1	133.5	87.5	123.2	118.1	112.5	131.5	148.0	148.8	131.7	121.8	123.3	142.5	134.5
2014	108.4	105.0	116.5	101.7	110.5	88.6	133.8	98.4	107.2	112.1	127.6	119.4	87.2	99.0	109.1	116.1	107.1
2015	93.8	89.5	98.2	88.2	99.3	68.5	110.0	89.9	91.9	89.8	109.9	103.6	75.7	86.0	102.1	107.1	90.8
2016	100.0	88.7	106.5	92.6	112.2	71.6	106.5	88.2	102.9	101.6	113.2	103.0	82.3	92.5	108.3	122.4	107.3
2017	91.3	87.0	89.7	87.8	100.6	77.0	84.7	96.7	91.8	88.2	89.2	90.4	89.1	84.6	103.9	104.9	94.4
2018	..	96.0	91.5	93.4	..	78.0	99.8	107.4	89.4	90.1	94.2	98.9	84.3	96.3	108.0	119.6	..
Percentage increase on a year earlier																	
2009	8.7	-11.1	1.5	38.5	6.2	2.8	-22.2	-13.2	0.8	-4.5	6.9	37.7	43.9	35.2	11.1	6.9	2.2
2010	1.0	26.7	10.4	-9.2	-11.7	20.4	28.0	30.2	11.0	17.6	4.6	6.8	-9.9	-20.2	-5.4	-15.7	-12.6
2011	2.9	9.7	7.8	-6.4	1.5	6.5	20.1	4.1	4.2	3.9	13.7	-10.2	-7.5	-1.8	10.5	-5.4	0.5
2012	-6.4	-10.2	-10.1	-4.0	-1.6	-11.9	-10.4	-8.9	-12.9	0.3	-15.8	-3.8	-3.3	-4.7	-0.8	3.1	-6.4
2013	13.2	6.5	16.2	24.1	6.8	0.5	6.9	10.1	7.4	5.4	32.5	30.8	24.8	17.6	-6.7	6.5	19.8
2014	-14.8	-4.7	-11.7	-23.6	-17.2	1.2	8.6	-16.6	-4.7	-14.8	-13.8	-19.7	-33.8	-18.7	-11.5	-18.5	-20.4
2015	-13.4	-14.8	-15.7	-13.2	-10.1	-22.7	-17.8	-8.7	-14.2	-19.9	-13.9	-13.2	-13.2	-13.1	-6.5	-7.7	-15.2
2016	6.6	-0.9	8.4	4.9	13.0	4.5	-3.3	-1.8	11.9	13.1	3.0	-0.6	8.8	7.6	6.1	14.3	18.2
2017	-8.7	-1.9	-15.8	-5.2	-10.4	7.6	-20.4	9.7	-10.8	-13.2	-21.2	-12.2	8.2	-8.5	-4.0	-14.3	-12.0
2018	..	10.4	2.0	6.4	..	1.3	17.7	11.0	-2.6	2.2	5.7	9.4	-5.4	13.8	3.9	14.0	..

The monthly periods consist of 4 weeks except for March, June, September and December which are 5 weeks. January 2014 is also a 5 week period.

## 4

# VALUE OF RETAIL SALES AT CURRENT PRICES NON-SEASONALLY ADJUSTED

continued Index numbers of sales per week and percentage increase on a year earlier

Index 2016=100

	Year	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>SIC 2007 (SALES IN 2016)</b>																	
Automotive Fuel, All Businesses (£36,849m)																	
2009	87.9	80.4	88.7	92.3	90.1	77.6	80.1	83.0	83.9	87.1	93.9	91.6	91.3	93.5	95.3	91.8	84.7
2010	92.0	85.5	95.9	93.4	93.1	78.2	86.1	90.7	96.0	97.8	94.3	96.7	92.2	91.8	95.5	98.2	87.0
2011	109.6	103.3	111.9	111.1	112.2	96.9	103.9	107.9	111.4	113.3	111.2	113.1	109.4	110.8	112.4	116.4	108.6
2012	109.3	113.3	107.8	110.4	105.8	105.5	110.6	121.9	108.1	112.1	104.2	109.1	108.4	113.1	109.3	107.1	101.9
2013	106.0	104.6	107.9	110.1	101.3	94.9	106.7	110.7	107.6	108.8	107.5	112.6	109.4	108.6	102.5	102.7	99.2
2014	102.1	101.1	104.8	104.1	98.2	92.5	100.6	110.1	102.8	104.0	107.1	107.7	103.2	102.0	100.3	100.5	94.7
2015	96.0	91.9	99.0	97.3	95.8	90.7	90.1	94.2	96.8	98.5	101.2	99.4	95.6	97.0	96.9	99.1	92.2
2016	100.0	91.5	100.3	103.2	105.0	90.9	89.8	93.3	98.5	102.2	100.2	104.9	102.0	102.6	106.7	107.9	101.4
2017	107.7	103.8	108.6	107.0	111.5	99.1	106.2	105.5	107.0	112.9	106.6	106.1	106.1	108.3	111.1	114.5	109.5
2018	..	107.5	118.6	120.4	..	104.3	112.3	106.3	113.0	121.3	121.1	121.0	119.8	120.5	121.6	127.0	..
Percentage increase on a year earlier																	
2009	-8.6	-13.1	-14.1	-11.1	5.8	-12.5	-14.3	-13.5	-17.9	-13.6	-11.5	-16.0	-8.5	-8.9	0.5	4.8	12.1
2010	4.7	6.3	8.1	1.3	3.3	0.8	7.5	9.4	14.5	12.4	0.4	5.6	1.0	-1.9	0.3	6.9	2.8
2011	19.2	20.9	16.7	18.9	20.5	23.8	20.7	18.9	16.0	15.8	17.8	17.0	18.7	20.7	17.6	18.5	24.8
2012	-0.2	9.7	-3.6	-0.6	-5.7	8.9	6.4	12.9	-2.9	-1.0	-6.3	-3.6	-1.0	2.1	-2.7	-8.0	-6.1
2013	-3.1	-7.7	0.1	-0.3	-4.2	-10.0	-3.5	-9.2	-0.5	-3.0	3.2	3.3	0.9	-3.9	-6.2	-4.1	-2.7
2014	-3.7	-3.4	-2.9	-5.4	-3.0	-2.5	-5.7	-0.5	-4.5	-4.4	-0.4	-4.4	-5.6	-6.1	-2.1	-2.1	-4.5
2015	-5.9	-9.1	-5.5	-6.6	-2.5	-1.9	-10.4	-14.4	-5.8	-5.3	-5.5	-7.7	-7.4	-4.9	-3.4	-1.4	-2.6
2016	4.2	-0.4	1.3	6.0	9.7	0.3	-0.3	-1.0	1.7	3.8	-1.0	5.6	6.8	5.8	10.1	8.9	10.0
2017	7.7	13.4	8.3	3.7	6.2	9.0	18.3	13.1	8.6	10.4	6.3	1.1	4.0	5.5	4.2	6.1	7.9
2018	..	3.6	9.2	12.6	..	5.2	5.7	0.7	5.6	7.4	13.6	14.1	12.9	11.3	9.4	10.9	..

The monthly periods consist of 4 weeks except for March, June, September and December which are 5 weeks. January 2014 is also a 5 week period.

# 5 VALUE OF RETAIL SALES BY COMMODITY AT CURRENT PRICES NON-SEASONALLY ADJUSTED

Index 2016 = 100

	Total excluding fuel	Food, drink and tobacco <sup>1</sup>	Clothing and footwear	Household goods <sup>1</sup>	Other non - food <sup>1</sup>
<b>Average weekly sales in 2016 (£millions)</b>	6 747	2 650	1 182	1 301	1 614
<b>Index numbers of sales per week</b>					
	J43S	EAWN	EAWO	EAWP	EAWO
2010	83.3	90.2	79.2	82.6	75.6
2011	86.3	93.7	83.5	80.2	81.1
2012	88.6	96.4	85.9	82.6	82.5
2013	91.5	99.7	89.8	84.6	85.0
2014	95.0	98.0	93.5	92.0	93.7
2015	96.8	97.8	97.9	96.1	94.7
2016	100.0	100.0	100.0	100.0	100.0
2017	104.3	102.9	108.4	104.4	103.8
2015 Q4	110.1	102.9	116.7	113.0	114.9
2016 Q1	90.3	95.4	81.6	94.2	85.3
Q2	95.7	99.0	95.2	90.2	95.1
Q3	96.8	98.7	98.8	93.9	94.6
Q4	117.1	107.0	124.4	121.7	124.9
2017 Q1	93.2	96.7	87.7	97.9	87.8
Q2	101.0	103.1	106.3	94.4	99.1
Q3	101.3	100.8	109.0	99.9	97.8
Q4	121.8	110.9	130.7	125.4	130.3
2018 Q1	97.4	100.8	91.0	103.3	91.7
Q2	104.8	106.7	109.7	99.4	102.4
Q3	106.3	108.4	111.9	92.4	109.9
2015 Dec	121.9	111.1	131.1	119.5	134.8
2016 Jan	89.0	91.4	82.4	100.5	80.6
Feb	89.2	95.5	77.4	92.5	84.8
Mar	92.4	98.4	84.4	90.6	89.7
Apr	93.9	97.0	89.4	91.0	94.6
May	97.1	100.2	97.4	91.0	96.5
Jun	96.0	99.5	98.3	89.0	94.4
Jul	98.8	100.0	102.3	93.6	98.5
Aug	95.5	98.9	96.6	90.2	93.3
Sep	96.3	97.6	97.6	97.1	92.6
Oct	102.9	99.7	106.5	106.6	102.5
Nov	115.0	103.2	124.0	127.2	117.9
Dec	130.3	115.7	139.0	129.3	148.5
2017 Jan	90.6	91.8	84.5	103.5	82.7
Feb	92.8	97.8	83.5	96.5	88.5
Mar	95.6	99.7	93.6	94.6	91.2
Apr	101.5	104.0	102.9	98.3	99.1
May	100.4	103.7	105.6	91.8	98.2
Jun	101.1	101.8	109.7	93.3	99.8
Jul	102.7	102.9	109.9	98.3	100.8
Aug	100.7	100.6	107.1	96.3	99.9
Sep	100.7	99.3	109.8	104.1	93.7
Oct	106.0	102.7	109.7	111.1	104.7
Nov	120.0	106.3	130.1	133.6	124.1
Dec	135.9	121.2	147.9	130.2	155.9
2018 Jan	94.1	93.9	87.4	108.1	87.9
Feb	96.5	101.0	87.2	101.8	91.5
Mar	100.7	106.2	96.8	100.6	94.8
Apr	101.9	102.4	103.2	101.4	100.6
May	106.8	109.5	112.6	98.0	105.4
Jun	105.4	107.9	112.6	99.0	101.4
Jul	108.1	112.0	113.9	88.9	113.0
Aug	105.7	108.4	111.3	91.2	109.0
Sep	105.3	105.5	110.9	96.2	108.0
Oct	109.4	107.8	113.0	99.8	117.4
Nov	125.3	113.1	129.7	126.0	141.5

Estimates in this table have been produced by combining a breakdown of commodity sales from 54 large retailers with total sales from other retailers.

The monthly periods consist of 4 weeks except for March, June, September and December which are 5 weeks. January 2014 is also a 5 week period.

The quarterly indices are the weighted averages of the monthly indices for the months within the quarter, the weights being the number of weeks in each monthly period.

<sup>1</sup> The Food, drink and tobacco category, Household goods category and Other non-food category include revisions to the commodity classifications provided by respondents.

In July 2018, we increased our sample for the commodity breakdown from 31 to 54 retailers to improve coverage and better represent the commodities sold. Growth rates may not be comparable as a result. This does not impact the main retail sales data.

# 5 VALUE OF RETAIL SALES BY COMMODITY AT CURRENT PRICES NON-SEASONALLY ADJUSTED

continued

	Total excluding fuel	Food drink and tobacco	Clothing and footwear	Household goods	Other non - food
<b>Percentage change latest 3 months on same 3 months a year ago</b>					
	J45J	HN5T	HN5U	HN5V	HN5W
2016 Jan	0.5	0.6	1.0	2.2	-1.2
Feb	0.5	0.8	-0.9	2.8	-0.7
Mar	1.3	0.4	-	3.5	2.0
Apr	1.1	1.0	-2.4	2.4	3.0
May	1.5	1.1	-1.3	1.7	4.1
Jun	1.8	1.4	-1.6	2.1	4.8
Jul	2.3	1.5	1.0	1.9	5.0
Aug	2.7	2.7	0.8	1.4	5.1
Sep	3.4	3.1	2.3	2.1	5.7
Oct	4.2	3.6	3.3	3.9	6.3
Nov	4.8	3.0	5.1	5.8	6.7
Dec	6.4	3.9	6.6	7.7	8.7
2017 Jan	5.3	2.8	5.6	6.6	7.6
Feb	4.8	2.6	5.6	5.6	6.9
Mar	3.2	1.4	7.4	3.9	2.8
Apr	5.1	3.5	11.4	5.5	3.5
May	4.9	3.8	11.4	4.4	2.7
Jun	5.6	4.1	11.7	4.6	4.2
Jul	4.3	2.8	9.4	3.7	3.5
Aug	4.9	2.3	10.0	5.5	5.1
Sep	4.7	2.1	10.4	6.4	3.4
Oct	4.4	2.1	8.9	6.1	3.3
Nov	4.0	2.5	7.0	5.5	2.9
Dec	4.0	3.7	5.1	3.0	4.3
2018 Jan	4.2	3.6	5.3	3.1	5.3
Feb	4.1	3.6	5.2	3.1	4.9
Mar	4.5	4.3	3.7	5.5	4.4
Apr	3.3	2.9	2.7	5.1	2.9
May	4.1	3.7	3.5	5.4	4.2
Jun	3.7	3.5	3.1	5.3	3.3
Jul	5.2	6.8	4.1	1.3	6.6
Aug	4.8	7.4	3.3	-2.4	7.1
Sep	4.9	7.5	2.7	-7.5	12.3
Oct	4.2	6.3	2.5	-7.8	12.3
Nov	4.1	5.9	1.1	-7.7	13.9
<b>Percentage change latest month on same month a year ago</b>					
	J3L2	HN5X	HN5Y	HN5Z	HN62
2016 Jan	2.4	0.6	3.0	5.4	2.6
Feb	1.7	0.5	-0.7	5.7	2.0
Mar	0.2	0.1	-1.6	0.3	1.5
Apr	1.8	2.5	-4.8	1.8	5.8
May	2.8	1.2	2.4	3.5	5.5
Jun	0.9	0.7	-2.2	1.1	3.5
Jul	3.5	2.8	3.8	1.2	6.2
Aug	4.1	5.2	1.8	1.8	5.8
Sep	2.7	1.8	1.6	2.9	5.2
Oct	6.2	4.3	6.9	6.9	8.1
Nov	5.8	3.2	7.1	7.8	7.1
Dec	6.9	4.2	6.1	8.2	10.2
2017 Jan	1.8	0.4	2.6	3.0	2.7
Feb	4.1	2.4	7.8	4.3	4.5
Mar	3.5	1.3	10.9	4.4	1.7
Apr	8.1	7.2	15.1	8.1	4.8
May	3.5	3.5	8.5	0.8	1.8
Jun	5.2	2.3	11.6	4.9	5.8
Jul	4.0	2.9	7.4	5.0	2.4
Aug	5.5	1.7	10.8	6.8	7.0
Sep	4.6	1.7	12.5	7.2	1.2
Oct	3.0	2.9	3.1	4.2	2.1
Nov	4.3	3.0	4.9	5.0	5.2
Dec	4.3	4.8	6.4	0.7	5.0
2018 Jan	3.8	2.3	3.4	4.5	6.3
Feb	3.9	3.2	4.5	5.5	3.3
Mar	5.4	6.5	3.4	6.3	4.0
Apr	0.3	-1.6	0.3	3.1	1.5
May	6.4	5.6	6.6	6.8	7.3
Jun	4.3	6.0	2.6	6.1	1.5
Jul	5.2	8.9	3.6	-9.6	12.1
Aug	5.0	7.7	3.9	-5.3	9.2
Sep	4.5	6.3	1.0	-7.6	15.2
Oct	3.3	5.0	3.0	-10.2	12.2
Nov	4.4	6.4	-0.3	-5.7	14.0

# 6 YEAR TO DATE VALUE OF RETAIL SALES AT CURRENT PRICES NON-SEASONALLY ADJUSTED

Index numbers of sales per week and percentage change on a year earlier

Index 2016=100

	ALL BUSINESSES		SMALL BUSINESSES <sup>1</sup>		LARGE BUSINESSES <sup>2</sup>	
	INDEX	% CHANGE	INDEX	% CHANGE	INDEX	% CHANGE
CURRENT YEAR UP TO NOV 2018						
<b>ALL RETAILING INCLUDING AUTOMOTIVE FUEL<sup>4</sup></b>	106.4	4.7	112.0	7.5	104.9	4.0
<b>ALL RETAILING EXCLUDING AUTOMOTIVE FUEL<sup>4</sup></b>	105.3	4.3	111.6	7.6	103.6	3.3
<b>PREDOMINANTLY FOOD STORES</b>	103.9	3.5	97.7	5.1	104.9	3.2
Non-specialised stores with food beverages and tobacco predominating	104.3	3.0	100.5	1.9	104.7	3.1
Specialist food stores	105.9	15.9	..	..	..	..
Retail sale of alcoholic drinks, other beverages and tobacco	81.4	-3.6	..	..	..	..
<b>PREDOMINANTLY NON-FOOD STORES</b>	102.1	3.1	109.8	5.2	99.5	2.4
<b>Non-specialised stores</b>	97.0	2.2	104.0	3.9	96.5	2.1
<b>Textile, clothing &amp; footwear stores</b>	101.8	0.3	119.0	-6.3	99.6	1.4
Retail sale of textiles	97.6	2.1	..	..	..	..
Retail sale of clothing	102.7	0.9	130.0	-6.1	99.9	2.0
Retail sale of footwear & leather goods	94.8	-5.3	..	..	..	..
<b>Household goods stores</b>	107.5	6.6	117.6	10.5	102.8	4.6
Retail sale of furniture, lighting & household articles	106.9	4.9	..	..	..	..
Retail sale of electrical household appliances	104.7	2.8	..	..	..	..
Retail sale of hardware, paints & glass	111.2	10.8	..	..	..	..
Retail sale of audio and video recording and equipment	91.2	3.1	..	..	..	..
<b>Other non-food stores</b>	102.5	4.1	104.9	6.1	100.4	2.3
Retail sale of pharmaceutical, medical, cosmetic & toilet goods <sup>3</sup>	115.2	11.7	..	..	..	..
Retail sale of books, newspapers & stationery	92.7	2.5	..	..	..	..
Retail sale of floor coverings	122.1	1.9	..	..	..	..
Retail sale of computers and telecomms	79.5	-5.7	..	..	..	..
Other retail sale in specialised stores not elsewhere classified including: jewellery; sports goods; and second-hand goods	104.4	4.5	..	..	..	..
<b>NON-STORE RETAIL</b>	127.4	12.2	144.8	18.7	118.1	8.4
Retail sale via mail order houses	129.8	12.6	..	..	..	..
Non-store retail excluding mail order	97.1	6.8	..	..	..	..
<b>PREDOMINANTLY AUTOMOTIVE FUEL<sup>4</sup></b>	117.0	8.8	..	..	..	..

1 Small retailers are those with less than 100 employment

2 Large retailers are those with greater than 99 employment

3 National Health Service receipts are excluded

4 Predominantly automotive fuel also includes sale of fuel by supermarkets

5 Year to date (January to current month)

# CPSA VALUE OF RETAIL SALES AT CURRENT PRICES SEASONALLY ADJUSTED

Index 2016=100

Predominantly non-food stores

	All retailing including automotive fuel <sup>1</sup>	All retailing excluding automotive fuel <sup>1</sup>	Predominantly non-food stores							Predominantly automotive fuel <sup>1</sup>
	AGG 21	AGG 21X	Predominantly food stores	Total	Non-specialised stores	Textile, clothing and footwear stores	Household goods stores	Other stores	Non-store retailing	
			AGG 1	AGG 12	47.19	AGG 5	AGG 7	AGG 13	AGG 14	47.30

## Index numbers of sales per week

	J5C4	J468	EAQW	EAQY	EAQX	EARA	EARB	EAQZ	J5BI	JO2G
2016 Jan	98.4	98.4	99.4	99.1	100.6	99.8	101.6	95.7	91.0	98.6
Feb	97.8	98.4	99.6	99.0	99.9	99.0	101.9	96.4	90.1	92.1
Mar	97.6	97.7	99.4	97.1	97.3	96.5	97.7	97.1	93.2	96.2
Apr	98.0	98.3	98.8	99.3	99.9	98.6	97.3	100.8	90.9	95.6
May	99.4	99.6	99.4	100.1	101.3	99.4	101.6	98.9	97.9	97.7
Jun	98.8	98.8	99.4	98.5	96.4	98.0	98.1	100.7	97.8	98.8
Jul	100.8	100.7	99.7	101.8	100.0	103.7	101.5	101.7	100.0	101.5
Aug	100.3	100.2	100.5	99.5	100.5	100.0	97.3	99.9	102.3	101.4
Sep	101.0	100.9	101.1	99.9	102.0	98.3	97.7	101.2	105.5	102.0
Oct	103.1	102.8	101.3	103.1	100.9	105.2	101.5	103.6	108.7	105.8
Nov	102.8	102.6	101.1	102.3	101.8	102.1	104.6	101.4	110.8	104.6
Dec	102.0	101.7	100.3	101.2	100.4	101.2	100.7	102.2	110.3	105.2
2017 Jan	102.1	101.6	100.7	100.5	99.5	102.8	98.3	100.4	111.1	107.3
Feb	103.5	102.9	101.8	102.3	100.0	104.1	100.7	103.3	111.3	108.8
Mar	103.3	103.0	102.5	101.5	101.4	106.5	100.9	97.5	113.0	105.6
Apr	104.7	104.3	102.4	103.7	100.9	106.1	105.0	102.6	115.9	108.5
May	103.4	102.9	101.8	102.0	99.8	105.9	99.0	101.9	112.3	107.7
Jun	104.1	104.3	101.2	104.3	102.1	107.2	101.4	105.1	118.5	102.5
Jul	104.7	104.8	102.1	104.8	102.9	107.9	103.5	104.0	117.8	103.5
Aug	105.7	105.7	102.3	105.7	103.5	107.9	100.0	108.8	121.7	105.8
Sep	105.8	105.6	102.7	103.8	102.9	108.2	102.1	101.5	128.1	107.8
Oct	106.4	106.1	103.6	104.9	102.2	106.6	104.5	105.4	123.6	109.1
Nov	107.0	106.7	103.8	105.8	102.9	107.7	105.0	106.7	123.9	110.8
Dec	106.8	106.1	104.2	104.6	103.6	105.8	101.2	106.4	121.9	113.7
2018 Jan	106.8	106.3	103.3	105.5	104.3	106.3	101.6	108.2	123.8	112.3
Feb	107.8	107.1	104.9	105.3	103.5	105.6	104.8	106.5	126.7	114.7
Mar	106.7	106.5	104.5	104.2	103.4	104.9	105.1	103.7	127.1	108.1
Apr	108.0	107.5	105.3	105.4	102.8	105.3	107.8	105.7	127.9	112.3
May	109.9	109.4	106.9	107.0	104.7	108.1	108.4	106.5	132.4	115.5
Jun	109.9	108.9	106.7	106.1	105.1	106.7	108.4	104.8	132.3	119.6
Jul	110.9	110.2	107.6	106.9	104.5	109.0	105.7	107.4	137.8	118.1
Aug	111.6	110.8	107.0	108.8	104.9	107.3	111.0	111.4	138.3	119.6
Sep	111.3	110.4	106.0	109.1	104.0	108.4	112.8	110.9	137.1	119.8
Oct	110.7	109.8	106.2	107.7	104.1	106.8	110.1	109.3	137.2	119.7
Nov	112.4	111.3	106.2	110.4	103.8	107.8	116.0	113.6	139.6	122.7

## Revision to index numbers

2016 Jan	-0.1	-0.1	-	-	-	-	-0.1	-	-	-0.1
Feb	-	-	-	-	-	-	-0.3	-	-	0.1
Mar	-	-	-	-	-	-	-0.1	-	-	-
Apr	-	-	-	-	-	-	0.1	-0.1	-0.2	0.1
May	-	-	-	-	-0.1	0.1	0.1	-	0.1	-
Jun	-	-	-	-	0.1	0.1	0.1	-	-	-
Jul	-	-	-	-	-	-	0.3	0.1	0.1	0.1
Aug	-	-	-0.1	0.1	-	0.1	0.4	0.1	0.1	0.1
Sep	-	-	-	0.1	-	0.1	0.1	0.1	0.2	0.2
Oct	-	-	-	0.1	-	-	-	0.1	0.1	0.1
Nov	-0.1	-0.1	0.1	-0.3	0.1	-0.1	-0.4	-0.5	-0.2	-0.3
Dec	-	-	-	-	0.1	-	-	-	-	-0.3
2017 Jan	-0.1	-	-0.1	-	-	-	-0.1	-	-0.1	-0.2
Feb	-	-0.1	-	-0.1	-	-	-0.3	-	-	-
Mar	-	-0.1	-	-0.1	0.1	-0.1	-0.1	-	-	-
Apr	-	-	-	-	-0.1	-	0.2	-0.1	-0.3	0.1
May	0.1	-	-	-	-0.1	-	-	-	0.1	-
Jun	-	-	-	-	0.1	-	0.1	-	-	0.1
Jul	0.1	-	-	0.1	-	-	0.3	-	0.1	0.2
Aug	0.1	0.1	-	0.2	-	-	0.4	0.2	0.2	0.3
Sep	0.1	0.1	-0.1	0.2	-0.1	0.2	0.3	0.3	0.4	0.3
Oct	0.1	-	-	0.1	-0.1	-0.1	0.1	0.2	0.1	0.3
Nov	-0.2	-0.1	0.2	-0.4	0.2	-0.1	-0.8	-0.6	-0.6	-0.5
Dec	-	-	0.1	-	0.1	-	-0.1	-0.1	-0.3	-0.4
2018 Jan	-0.1	-	0.1	-0.1	0.1	0.1	0.1	-0.3	-	-0.3
Feb	-	-	-	0.1	0.2	0.1	-0.1	0.2	-0.3	-0.2
Mar	-	-	-	-	-0.1	0.1	0.1	0.1	-0.2	-0.1
Apr	-	-	-	-0.1	-0.2	-	-	-	-	-
May	-	-	-0.1	0.1	-	-0.1	0.2	-	-0.1	-0.1
Jun	0.1	0.1	-0.1	0.1	0.1	-0.1	0.2	0.2	0.2	-
Jul	-	0.1	-0.1	0.2	0.1	0.1	0.4	0.2	-	-
Aug	0.1	0.1	-	0.3	-	-0.1	0.6	0.5	0.3	0.1
Sep	0.1	0.1	-	0.2	0.3	-	0.2	0.5	0.3	0.3
Oct	0.1	0.1	-0.1	0.3	0.3	-	0.2	0.7	0.6	0.6

<sup>1</sup> Predominantly automotive fuel also includes sale of fuel by supermarkets

# CPSA1 RETAIL SALES INDEX: VALUE SEASONALLY ADJUSTED PERCENTAGE CHANGE ON SAME MONTH A YEAR EARLIER

Predominantly non-food stores

	All retailing including automotive fuel <sup>1</sup>	All retailing excluding automotive fuel <sup>1</sup>	Predominantly food stores	Total	Non-specialised stores	Textile, clothing and footwear stores	Household goods stores	Other stores	Non-store retailing	Predominantly automotive fuel <sup>1</sup>
	AGG 21	AGG 21X	AGG 1	AGG 12	47.19	AGG 5	AGG 7	AGG 13	AGG 14	47.30

## Percentage change on same month a year earlier

	J5BS	J3MK	IDIF	IDIG	IDIE	IDIK	IDIL	IDIH	J5B2	JO3E
2016 Jan	2.8	3.2	1.4	3.5	8.0	0.1	5.2	2.7	10.5	-0.1
Feb	1.6	1.8	1.7	0.8	4.5	-3.9	5.2	0.1	8.2	-0.4
Mar	1.1	1.0	1.0	-0.7	3.9	-6.3	-1.3	2.2	10.2	2.0
Apr	0.9	1.1	0.6	0.8	5.8	-6.0	-1.9	6.2	5.6	-1.0
May	2.3	2.5	0.7	2.0	7.8	-3.8	2.4	3.7	14.9	0.6
Jun	1.3	1.3	0.8	0.1	2.3	-7.0	-1.0	6.4	11.3	1.3
Jul	3.6	3.4	1.7	3.9	4.7	1.7	-0.7	8.9	8.9	5.6
Aug	4.4	4.1	3.8	1.8	6.1	-3.9	-0.9	6.2	18.2	7.3
Sep	3.2	2.9	1.1	1.7	6.5	-4.0	-2.8	7.0	19.3	6.1
Oct	6.8	6.3	3.7	5.5	4.7	3.6	3.2	9.5	24.3	11.2
Nov	5.8	5.6	2.5	4.8	4.3	0.4	5.4	9.2	25.7	8.0
Dec	5.5	4.7	0.9	4.8	2.6	1.7	1.9	11.4	23.4	13.3
2017 Jan	3.7	3.2	1.4	1.4	-1.1	3.1	-3.3	4.9	22.2	8.8
Feb	5.8	4.6	2.2	3.4	0.1	5.2	-1.2	7.1	23.6	18.2
Mar	5.8	5.4	3.1	4.6	4.2	10.4	3.2	0.4	21.2	9.8
Apr	6.8	6.1	3.7	4.4	1.0	7.6	7.8	1.7	27.5	13.5
May	4.0	3.3	2.4	2.0	-1.5	6.6	-2.5	3.1	14.8	10.3
Jun	5.4	5.5	1.8	5.9	5.9	9.4	3.4	4.5	21.2	3.7
Jul	3.9	4.1	2.4	2.9	2.9	4.1	2.0	2.3	17.8	1.9
Aug	5.3	5.4	1.7	6.2	3.0	8.0	2.8	8.8	19.0	4.3
Sep	4.7	4.6	1.6	3.9	0.9	10.0	4.5	0.3	21.4	5.7
Oct	3.2	3.2	2.3	1.8	1.3	1.4	2.9	1.8	13.7	3.0
Nov	4.1	3.9	2.6	3.4	1.0	5.5	0.4	5.2	11.8	6.0
Dec	4.7	4.3	3.9	3.3	3.2	4.5	0.6	4.1	10.5	8.0
2018 Jan	4.6	4.6	2.5	5.0	4.9	3.3	3.4	7.8	11.4	4.7
Feb	4.2	4.1	3.0	2.9	3.5	1.4	4.0	3.1	13.8	5.5
Mar	3.3	3.4	2.0	2.7	2.0	-1.5	4.2	6.3	12.5	2.3
Apr	3.1	3.1	2.8	1.7	1.8	-0.7	2.7	3.1	10.4	3.5
May	6.4	6.3	5.0	4.8	4.9	2.0	9.4	4.5	17.8	7.2
Jun	5.5	4.4	5.4	1.7	2.9	-0.5	6.9	-0.3	11.7	16.7
Jul	6.0	5.1	5.5	2.1	1.5	1.1	2.2	3.3	17.0	14.2
Aug	5.6	4.8	4.6	3.0	1.3	-0.6	11.0	2.4	13.6	13.0
Sep	5.2	4.5	3.2	5.2	1.1	0.2	10.5	9.2	7.1	11.1
Oct	4.1	3.5	2.4	2.6	1.9	0.2	5.4	3.6	11.0	9.8
Nov	5.0	4.4	2.3	4.3	0.9	0.1	10.5	6.4	12.7	10.7

## Revision to percentage change on same month a year earlier

2016 Jan	-0.1	-	-0.1	-	-	-	-0.1	-	-0.1	-0.1
Feb	-	-	-	-0.1	-	-0.1	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-	-
Apr	-	-0.1	-	-	-	-	0.1	-0.1	-0.1	-
May	-	-	-	-	-0.1	0.1	-	-	-	-
Jun	-	-	-	-	-	-	-	-	-	0.1
Jul	-	-	-0.1	-	-	-	0.1	-	0.1	0.1
Aug	0.1	0.1	-	0.1	-	-	-	-	-	0.1
Sep	-	-	-0.1	0.1	-	-	0.1	0.2	0.2	0.1
Oct	-	-	-	-	-0.1	-	0.1	0.1	0.1	0.1
Nov	-0.1	-	0.1	-0.2	0.1	-	-0.2	-0.4	-0.1	-0.1
Dec	-	-	-	-	-	-	-	-	-	-0.1
2017 Jan	-0.1	-	-	-	-	-	-	0.1	-	-0.1
Feb	-	-	-	-	-	-	-0.1	-0.1	-	-
Mar	-	-	-	-	-	-	-0.1	-	-	-
Apr	-	-	-	-	-	-	-	-0.1	-	-
May	-	-	-	0.1	-	-	-	0.1	0.1	-
Jun	-	-	-	-	-	-	0.1	0.1	-	-
Jul	-	-	-	-	-	-	0.1	-	-	-
Aug	-	-	-	0.1	-	0.1	0.1	-	-	0.1
Sep	-	-	-	0.1	-	-	0.1	0.2	0.1	0.1
Oct	-	-	-	-	-	-	-	0.1	0.1	-
Nov	-0.1	-0.1	0.1	-0.1	-	0.1	-0.4	-0.1	-0.4	-0.1
Dec	-	-	-	-0.1	-	-0.1	-	-0.1	-0.2	-0.2
2018 Jan	-	-	0.1	-0.1	0.2	-	0.2	-0.3	0.1	-0.1
Feb	-	0.1	-	0.2	0.2	0.1	0.2	0.2	-0.3	-0.1
Mar	-	-	0.1	0.1	-0.1	0.2	0.2	0.1	-0.2	-0.1
Apr	-	-	-	-	-0.2	-	-0.2	0.1	0.3	-0.1
May	-	-	-	-	0.1	-0.2	0.2	-	-0.3	-0.1
Jun	-	-	-0.1	-	-	-0.1	0.1	0.1	0.2	-
Jul	0.1	-	-	0.2	-	0.2	0.2	0.2	-	-0.2
Aug	-	-	-	0.1	-	-0.2	0.2	0.3	-	-0.2
Sep	-	-	0.1	0.1	0.4	-0.2	-0.1	-	-	-0.2
Oct	0.1	0.1	-0.2	0.2	0.4	0.1	0.1	0.3	0.4	0.3

<sup>1</sup> Predominantly automotive fuel also includes sale of fuel by supermarkets



# CPSA2 RETAIL SALES INDEX: VALUE SEASONALLY ADJUSTED PERCENTAGE CHANGE 3 MONTHS ON SAME PERIOD A YEAR EARLIER

Predominantly non-food stores

	All retailing including automotive fuel <sup>1</sup>	All retailing excluding automotive fuel <sup>1</sup>	Predominantly food stores	Total	Non-specialised stores	Textile, clothing and footwear stores	Household goods stores	Other stores	Non-store retailing	Predominantly automotive fuel <sup>1</sup>
	AGG 21	AGG 21X	AGG 1	AGG 12	47.19	AGG 5	AGG 7	AGG 13	AGG 14	47.30

## Percentage change 3 months on same period a year earlier

	J5BY	J45L	IEAU	IEAX	IEAR	IEBJ	IEBM	IEBA	J5BA	JO6B
2016 Jan	0.7	1.1	0.4	0.5	6.2	-1.2	4.1	-4.0	8.8	-3.2
Feb	1.0	1.4	1.1	0.4	6.2	-2.8	4.1	-2.6	8.5	-2.7
Mar	1.8	1.9	1.4	1.1	5.3	-3.6	2.7	1.7	9.7	0.6
Apr	1.2	1.3	1.1	0.3	4.7	-5.5	0.5	2.8	8.2	0.3
May	1.4	1.5	0.8	0.6	5.7	-5.5	-0.4	3.9	10.2	0.6
Jun	1.5	1.6	0.7	0.9	5.1	-5.7	-0.2	5.5	10.6	0.4
Jul	2.3	2.3	1.1	1.9	4.7	-3.4	0.1	6.3	11.6	2.4
Aug	3.0	2.8	2.0	1.8	4.2	-3.4	-0.9	7.1	12.6	4.4
Sep	3.7	3.4	2.1	2.4	5.8	-2.2	-1.6	7.3	15.6	6.3
Oct	4.7	4.3	2.7	2.9	5.8	-1.6	-0.4	7.5	20.5	8.0
Nov	5.1	4.8	2.3	3.8	5.3	-0.3	1.5	8.4	22.8	8.2
Dec	6.0	5.5	2.3	5.0	3.8	1.9	3.4	10.1	24.4	11.0
2017 Jan	5.0	4.5	1.5	3.7	2.0	1.7	1.3	8.7	23.7	10.2
Feb	5.0	4.2	1.5	3.3	0.7	3.2	-0.7	8.0	23.1	13.3
Mar	5.2	4.5	2.3	3.2	1.3	6.5	-0.2	3.8	22.2	12.0
Apr	6.1	5.4	3.0	4.2	1.9	7.9	3.2	2.9	23.9	13.5
May	5.6	5.0	3.1	3.7	1.4	8.3	2.8	1.7	21.0	11.1
Jun	5.4	5.0	2.6	4.2	2.1	8.0	2.9	3.2	21.0	8.7
Jul	4.5	4.4	2.2	3.7	2.6	6.9	1.1	3.4	18.2	5.1
Aug	4.9	5.1	2.0	5.0	4.1	7.3	2.8	5.1	19.5	3.3
Sep	4.7	4.7	1.9	4.3	2.2	7.5	3.2	3.5	19.6	4.1
Oct	4.4	4.4	1.9	3.9	1.7	6.6	3.5	3.3	18.2	4.4
Nov	4.1	4.0	2.1	3.1	1.1	5.9	2.7	2.3	16.0	5.0
Dec	4.1	3.9	3.0	2.9	1.9	3.9	1.2	3.7	11.9	5.9
2018 Jan	4.5	4.3	3.1	3.9	3.0	4.5	1.4	5.6	11.2	6.4
Feb	4.5	4.3	3.2	3.7	3.8	3.2	2.5	4.9	11.8	6.2
Mar	4.0	4.0	2.5	3.5	3.3	0.8	3.9	5.8	12.6	4.0
Apr	3.5	3.5	2.6	2.4	2.4	-0.4	3.7	4.3	12.2	3.7
May	4.2	4.2	3.2	3.0	2.8	-0.2	5.3	4.7	13.4	4.2
Jun	5.0	4.5	4.5	2.6	3.2	0.2	6.3	2.2	13.1	9.6
Jul	5.9	5.2	5.3	2.8	3.1	0.7	6.2	2.2	15.2	12.9
Aug	5.7	4.7	5.2	2.2	2.0	-0.1	6.7	1.6	13.9	14.8
Sep	5.5	4.8	4.3	3.5	1.3	0.2	8.1	5.2	12.0	12.6
Oct	5.0	4.3	3.4	3.7	1.4	-	9.1	5.3	10.2	11.3
Nov	4.8	4.2	2.7	4.1	1.3	0.2	8.9	6.6	10.0	10.6

## Revision to percentage change 3 months on same period a year earlier

2016 Jan	-	-	-	-	-	-	-	-	-	-0.1
Feb	-	-	-	-	-	-	-	-	-	-0.1
Mar	-	-	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	0.1	-	-0.1	0.1
Jul	-	-	-	-	-	-	-	-	0.1	0.1
Aug	0.1	-	-	-	-	-	-	-	0.1	-
Sep	-	-	-	-	-	-	-	0.1	-	0.1
Oct	0.1	-	-	0.1	-	0.1	-	0.1	0.1	0.1
Nov	-	-	-	-	-	-	-0.1	-	-	-
Dec	-	-	0.1	-0.1	-	-	-	-0.1	-	-
2017 Jan	-0.1	-	-	-0.1	0.1	-	-0.1	-0.1	-0.1	-0.1
Feb	-	-	-	-	-	-	-	-	-	-0.1
Mar	-	-	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	0.1	-	-	-
Jul	-	-	-	-	-	-	-	0.1	-	-
Aug	-	0.1	-	-	-	-	0.1	-	-	-
Sep	0.1	-	-	0.1	-	-	0.1	0.1	0.1	0.1
Oct	-	-	-	-	-	-	0.1	0.1	-	0.1
Nov	-	-	-	-	-	0.1	-0.1	0.1	-	0.1
Dec	-	-	-	-	-	0.1	-0.1	-0.1	-0.2	-0.1
2018 Jan	-	-	0.1	-	-	0.1	-	-0.1	-0.2	-0.1
Feb	-	-	-	-	0.1	-	0.1	-0.1	-0.1	-0.1
Mar	0.1	0.1	0.1	0.1	-	0.1	0.2	0.1	-0.1	-0.1
Apr	-	-	0.1	-	-0.1	0.1	0.1	0.1	-0.1	-0.1
May	-	-	0.1	-	-0.1	-	0.1	-	-0.1	-0.1
Jun	-	-	-	-	-	-0.1	-	0.1	0.1	-0.1
Jul	-	-	-	0.1	-	-0.1	0.2	-	-	-0.1
Aug	-	-	-	0.1	-	-0.1	0.2	0.2	0.1	-0.1
Sep	-	-	-	0.1	0.2	-0.1	0.1	0.1	-	-0.2
Oct	0.1	0.1	-	0.1	0.3	-	0.1	0.2	0.1	-

<sup>1</sup> Predominantly automotive fuel also includes sale of fuel by supermarkets

# CPSA3 RETAIL SALES INDEX: VALUE SEASONALLY ADJUSTED

## PERCENTAGE CHANGE ON PREVIOUS MONTH

Predominantly non-food stores

	All retailing including automotive fuel <sup>1</sup>	All retailing excluding automotive fuel <sup>1</sup>	Predominantly food stores	Predominantly non-food stores							Predominantly automotive fuel <sup>1</sup>
				Total	Non-specialised stores	Textile, clothing and footwear stores	Household goods stores	Other stores	Non-store retailing		
	AGG 21	AGG 21X	AGG 1	AGG 12	47.19	AGG 5	AGG 7	AGG 13	AGG 14	47.30	
<b>Percentage change on previous month</b>											
2016 Jan	J5BT 1.8	J45X 1.4	IEAS -	IEAV 2.5	IEAP 2.8	IEBH 0.3	IEBK 2.9	IEAY 4.3	J5B3 1.8	JO69 6.1	
Feb	-0.7	-	0.2	-0.1	-0.7	-0.8	0.3	0.7	-1.0	-6.6	
Mar	-0.2	-0.7	-0.2	-1.9	-2.6	-2.5	-4.2	0.8	3.5	4.5	
Apr	0.4	0.6	-0.6	2.3	2.7	2.2	-0.4	3.8	-2.5	-0.6	
May	1.4	1.3	0.7	0.8	1.4	0.7	4.3	-1.9	7.7	2.2	
Jun	-0.6	-0.8	-	-1.6	-4.9	-1.4	-3.4	1.8	-0.1	1.2	
Jul	2.0	1.9	0.3	3.4	3.7	5.8	3.5	1.0	2.2	2.7	
Aug	-0.4	-0.5	0.8	-2.3	0.5	-3.5	-4.2	-1.7	2.3	-0.1	
Sep	0.7	0.7	0.5	0.3	1.5	-1.7	0.4	1.3	3.1	0.5	
Oct	2.1	1.9	0.3	3.2	-1.1	7.0	3.9	2.3	3.0	3.8	
Nov	-0.3	-0.2	-0.2	-0.7	0.9	-2.9	3.0	-2.1	1.9	-1.2	
Dec	-0.8	-0.9	-0.9	-1.1	-1.4	-0.9	-3.7	0.8	-0.5	0.6	
2017 Jan	0.1	-0.1	0.5	-0.8	-0.9	1.7	-2.4	-1.8	0.8	2.0	
Feb	1.3	1.3	1.0	1.8	0.5	1.2	2.5	2.9	0.1	1.4	
Mar	-0.2	0.1	0.7	-0.8	1.4	2.3	0.1	-5.6	1.5	-2.9	
Apr	1.4	1.2	-0.1	2.1	-0.5	-0.4	4.1	5.2	2.5	2.7	
May	-1.3	-1.3	-0.6	-1.6	-1.1	-0.1	-5.6	-0.7	-3.1	-0.7	
Jun	0.7	1.4	-0.6	2.3	2.2	1.2	2.4	3.2	5.5	-4.8	
Jul	0.5	0.5	0.9	0.4	0.8	0.6	2.1	-1.0	-0.6	1.0	
Aug	1.0	0.8	0.2	0.9	0.6	-	-3.4	4.5	3.3	2.2	
Sep	0.1	-0.1	0.4	-1.8	-0.6	0.2	2.1	-6.7	5.2	1.9	
Oct	0.6	0.5	0.9	1.1	-0.7	-1.4	2.4	3.9	-3.5	1.2	
Nov	0.6	0.5	0.2	0.9	0.7	1.0	0.5	1.2	0.3	1.6	
Dec	-0.2	-0.6	0.4	-1.2	0.7	-1.8	-3.6	-0.3	-1.6	2.6	
2018 Jan	-	0.2	-0.9	0.9	0.7	0.5	0.4	1.7	1.5	-1.2	
Feb	0.9	0.8	1.5	-0.2	-0.8	-0.6	3.1	-1.6	2.4	2.2	
Mar	-1.1	-0.5	-0.3	-1.0	-	-0.7	0.3	-2.6	0.4	-5.8	
Apr	1.2	0.9	0.7	1.1	-0.6	0.4	2.6	2.0	0.6	3.9	
May	1.8	1.7	1.5	1.5	1.9	2.6	0.5	0.7	3.5	2.8	
Jun	-0.1	-0.5	-0.2	-0.8	0.3	-1.3	0.1	-1.6	-	3.6	
Jul	1.0	1.2	0.9	0.8	-0.6	2.2	-2.5	2.5	4.2	-1.2	
Aug	0.6	0.6	-0.6	1.8	0.4	-1.6	5.0	3.7	0.3	1.2	
Sep	-0.3	-0.4	-1.0	0.3	-0.8	1.0	1.6	-0.5	-0.8	0.2	
Oct	-0.5	-0.5	0.2	-1.3	0.1	-1.5	-2.4	-1.4	-	-	
Nov	1.5	1.4	0.1	2.5	-0.3	0.9	5.4	3.9	1.8	2.5	
<b>Revision to percentage change on previous month</b>											
2016 Jan	-	-	-0.1	-0.1	-0.1	-	-	-0.1	-	-0.1	
Feb	-	-	-	-	-	-	-0.1	-	-	0.2	
Mar	-	-	-	-	0.1	-	0.1	-	-	-0.1	
Apr	-	-	-	-	-0.1	-	0.2	-0.1	-0.2	0.1	
May	-	-	-	-	-0.1	-	-0.1	0.1	0.4	-	
Jun	-	-	-	-	0.1	-	0.1	-	-0.1	0.1	
Jul	-	-	-	-	-0.1	-	0.2	0.1	-	0.1	
Aug	0.1	-	-0.1	-	-	0.1	-	0.1	0.1	-	
Sep	-	-	-	-0.1	-0.1	-	-0.2	-	-	-	
Oct	-	-	0.1	-0.1	-	-0.1	-0.2	-0.1	-0.1	-	
Nov	-0.1	-0.1	0.1	-0.3	0.1	-0.1	-0.4	-0.6	-0.2	-0.5	
Dec	-	0.1	-0.1	0.2	-	0.1	0.3	0.5	0.1	-	
2017 Jan	-0.1	-0.1	-	-0.1	-0.1	0.1	-	-	-	0.1	
Feb	-	-	-	-0.1	-	-0.1	-0.2	-	0.1	0.2	
Mar	-	-	-	-	0.1	-0.1	0.1	-	-0.1	-	
Apr	-	-	-	-	-0.1	0.1	0.3	-0.1	-0.3	0.1	
May	-	0.1	-	-	-0.1	0.1	-0.1	0.1	0.3	-	
Jun	-	-	-	0.1	0.1	-	0.1	-	-0.1	0.1	
Jul	-	-	-	-	-	-0.1	0.2	0.1	0.1	0.1	
Aug	0.1	-	-	0.1	-	0.1	0.1	0.1	0.1	-	
Sep	-	-	-0.1	-	-0.1	-	-0.2	0.1	0.1	0.1	
Oct	-	-	0.1	-0.1	-	-0.1	-0.2	-0.1	-0.2	-	
Nov	-0.2	-0.2	0.3	-0.4	0.3	-0.1	-0.8	-0.8	-0.5	-0.7	
Dec	0.1	-	-0.1	0.2	-0.1	0.1	0.6	0.5	0.3	0.1	
2018 Jan	-	-	-	-	-	0.1	0.2	-0.1	0.2	0.1	
Feb	-	-	-0.1	0.2	0.1	0.1	-0.2	0.4	-0.2	0.2	
Mar	-	-	0.1	-0.1	-0.1	-0.1	0.1	-0.1	0.1	0.1	
Apr	-	-	-0.1	-0.1	-0.1	-0.1	-	-	0.1	0.1	
May	-	-	-0.1	0.1	0.2	-0.2	0.2	-	-	-0.1	
Jun	-	-	-	0.1	-	0.1	0.1	0.1	0.2	0.1	
Jul	0.1	-	-	0.1	-	0.2	0.2	-	-0.1	-	
Aug	-	0.1	-	0.1	-	-0.2	0.2	0.3	0.1	0.1	
Sep	-	-0.1	-0.1	-	0.3	-	-0.4	-0.1	0.1	0.1	
Oct	-	0.1	-0.1	0.1	-	0.1	-	0.2	0.2	0.4	

<sup>1</sup> Predominantly automotive fuel also includes sale of fuel by supermarkets

# CPSA4 RETAIL SALES INDEX: VALUE SEASONALLY ADJUSTED

## PERCENTAGE CHANGE 3 MONTHS ON PREVIOUS 3 MONTHS

Predominantly non-food stores

	All retailing including automotive fuel <sup>1</sup>	All retailing excluding automotive fuel <sup>1</sup>	Predominantly food stores	Total	Non-specialised stores	Textile, clothing and footwear stores	Household goods stores	Other stores	Non-store retailing	Predominantly automotive fuel <sup>1</sup>
	AGG 21	AGG 21X	AGG 1	AGG 12	47.19	AGG 5	AGG 7	AGG 13	AGG 14	47.30

### Percentage change 3 months on previous 3 months

	J5BX	J45K	IEAT	IEAW	IEAQ	IEBI	IEBL	IEAZ	J5B9	JO6A
2016 Jan	0.5	0.5	0.9	-0.3	3.1	-2.3	0.7	-1.2	2.2	0.5
Feb	0.3	0.6	0.6	0.2	2.9	-2.4	1.2	0.4	2.3	-1.8
Mar	1.1	1.2	0.8	1.1	1.9	-2.5	1.4	3.8	3.6	0.9
Apr	0.4	0.6	0.1	0.7	0.3	-2.3	-0.9	5.1	2.3	-1.2
May	0.7	0.6	-0.2	0.6	0.1	-1.4	-1.9	4.7	4.3	2.2
Jun	0.9	0.7	-0.2	1.0	-0.1	0.3	-1.3	3.8	4.5	1.9
Jul	1.9	1.6	0.2	1.7	0.1	2.3	1.3	2.4	7.6	4.9
Aug	1.7	1.4	0.6	1.2	-0.6	2.4	0.1	2.0	6.3	4.2
Sep	2.0	1.8	1.3	1.1	1.9	1.9	-0.2	0.8	7.5	4.3
Oct	1.9	1.7	1.5	0.7	2.2	0.8	-1.5	1.1	7.1	3.7
Nov	2.3	2.2	1.3	1.8	2.9	1.2	2.1	1.2	8.3	3.5
Dec	1.8	1.6	0.4	1.8	0.1	2.2	3.4	1.4	7.0	3.5
2017 Jan	0.8	0.6	-0.3	0.6	-0.6	1.0	2.4	-0.1	5.0	2.6
Feb	0.3	-	-0.3	-0.3	-1.6	1.0	-1.0	-	2.5	2.9
Mar	0.4	0.2	0.9	-0.7	-0.6	1.9	-2.1	-2.2	1.8	1.8
Apr	1.5	1.4	1.6	1.1	0.3	3.6	0.9	-0.5	2.4	1.7
May	1.2	1.3	1.4	1.0	0.8	3.5	1.6	-1.5	2.5	0.2
Jun	1.0	1.3	-	2.0	0.7	1.8	1.7	3.2	3.5	-1.1
Jul	0.3	0.6	-0.6	1.3	0.8	1.3	-0.7	2.9	2.7	-2.8
Aug	1.0	1.5	-0.5	2.5	2.0	1.4	0.1	5.4	4.9	-3.1
Sep	1.3	1.5	0.6	1.2	2.0	1.4	0.1	1.1	6.2	-0.1
Oct	1.8	1.7	1.2	0.9	1.2	0.6	0.8	1.1	7.2	3.0
Nov	1.5	1.1	1.5	-0.1	-0.1	-0.1	2.1	-1.5	5.1	5.1
Dec	1.2	0.8	1.5	0.4	-0.1	-1.3	1.5	1.6	0.1	5.2
2018 Jan	0.9	0.5	0.9	0.5	0.7	-1.0	0.3	2.0	-1.3	4.5
Feb	0.7	0.3	0.8	0.3	1.1	-1.6	-1.2	2.6	-1.2	4.1
Mar	0.3	0.4	0.3	-0.1	0.8	-1.0	0.5	-0.2	2.4	-
Apr	0.5	0.7	1.1	-0.3	-0.3	-1.2	3.2	-1.7	3.4	-0.8
May	0.9	1.2	1.3	0.3	-0.1	0.1	4.4	-1.7	4.1	-1.7
Jun	2.1	1.8	2.0	1.1	0.5	1.1	4.2	-0.3	4.0	4.2
Jul	2.6	2.2	2.1	1.6	1.5	2.5	1.7	0.9	5.3	5.8
Aug	2.5	2.0	1.5	1.7	1.1	1.5	1.4	2.3	5.3	6.7
Sep	1.8	1.7	0.4	2.1	0.1	1.5	1.7	4.1	5.1	2.7
Oct	0.9	0.8	-0.7	1.9	-0.4	-0.2	3.6	4.2	2.6	1.5
Nov	0.6	0.6	-0.9	1.8	-0.8	0.1	4.2	3.3	1.5	1.3

### Revision to percentage change 3 months on previous 3 months

2016 Jan	-	-	0.1	-0.1	-	-0.1	-0.2	-0.1	-0.1	-0.3
Feb	-0.1	-	-	-	-	-	-0.1	0.1	-	-0.2
Mar	-0.1	-	-	-	-	-	-0.1	0.1	-	-
Apr	-	-	-	-	-	0.1	-	0.1	-	0.1
May	-	-	-	-	-	-	0.1	-	-	0.1
Jun	0.1	-	-	0.1	-	-	0.2	-	-	0.1
Jul	0.1	0.1	-0.1	0.1	-	0.1	0.2	-	0.1	0.1
Aug	0.1	-	-0.1	0.1	-	0.1	0.2	0.1	0.1	0.2
Sep	-	0.1	-	-	-	-	0.2	0.1	0.2	0.2
Oct	0.1	0.1	-	-	-	-	-	0.1	0.1	0.1
Nov	-0.1	-	-	-0.1	-	-0.1	-0.3	-0.2	-	-0.1
Dec	-0.1	-0.1	0.1	-0.1	0.1	-0.1	-0.4	-0.2	-0.1	-0.3
2017 Jan	-0.1	-0.1	0.1	-0.2	0.1	-0.1	-0.4	-0.2	-0.2	-0.4
Feb	-	-	-	-	-	-	-	0.1	-0.1	-0.2
Mar	-	-	-	-	-	-	-0.1	0.1	-	-
Apr	0.1	-	-	0.1	-	-	-	0.2	-	0.2
May	-	-	-	-	-	-	0.1	-	-	0.2
Jun	-	0.1	-	0.1	-	0.1	0.2	-	-	0.1
Jul	0.1	-	-	0.1	-	-	0.3	0.1	0.2	0.1
Aug	-	0.1	-0.1	0.1	0.1	0.1	0.3	-	0.1	0.1
Sep	0.1	0.1	-	0.1	-	-	0.2	0.2	0.2	0.2
Oct	-	-	-	0.1	-0.1	0.1	-	0.2	0.2	0.2
Nov	-0.1	-0.1	0.1	-0.1	-0.1	-	-0.4	-0.1	-0.1	-0.1
Dec	-0.2	-0.1	0.2	-0.2	0.1	-0.1	-0.6	-0.4	-0.3	-0.5
2018 Jan	-0.1	-0.1	0.1	-0.3	0.1	-0.1	-0.5	-0.6	-0.4	-0.6
Feb	-	-	-	-	0.1	-	0.1	-	-0.2	-0.3
Mar	-	0.1	-0.1	0.2	0.1	0.1	0.2	0.2	0.1	-
Apr	0.1	0.1	-	0.2	-0.1	0.1	0.2	0.4	0.1	0.3
May	-	-	-	-	-0.1	-0.1	0.1	0.1	0.1	0.2
Jun	-	-0.1	-0.1	-0.1	-0.1	-0.2	0.2	0.1	0.2	0.2
Jul	-	-	-0.1	-	0.1	-0.1	0.3	-	0.1	0.1
Aug	0.1	0.1	-0.1	0.2	0.1	-	0.4	0.2	0.2	0.1
Sep	0.1	0.1	-0.1	0.2	0.1	0.1	0.2	0.3	0.1	0.1
Oct	0.1	-	-0.1	0.2	0.2	0.1	-	0.4	0.3	0.2

<sup>1</sup> Predominantly automotive fuel also includes sale of fuel by supermarkets

# KPSA CHAINED VOLUME OF RETAIL SALES SEASONALLY ADJUSTED

Index 2016=100

## Predominantly non-food stores

	All retailing including automotive fuel <sup>1</sup>	All retailing excluding automotive fuel <sup>1</sup>	Predominantly food stores	Predominantly non-food stores							Predominantly automotive fuel <sup>1</sup>
				Total	Non-specialised stores	Textile, clothing and footwear stores	Household goods stores	Other stores	Non-store retailing		
	AGG 21	AGG 21X	AGG 1	AGG 12	47.19	AGG 5	AGG 7	AGG 13	AGG 14	47.30	

### Index numbers of sales per week

	J5EK	J467	EAPT	EAPV	EAPU	EAPX	EAPY	EAPW	J5DZ	JO5A
2016 Jan	98.4	97.9	98.9	98.5	99.9	99.1	101.2	95.1	90.3	103.2
Feb	98.1	98.1	99.2	98.8	99.9	99.0	102.0	95.7	89.4	98.0
Mar	98.2	98.0	99.6	97.4	97.4	96.4	97.3	98.3	93.5	100.6
Apr	98.7	98.7	98.9	99.8	100.1	98.9	97.3	102.1	92.2	98.7
May	100.3	100.3	99.7	100.9	102.1	100.3	102.2	99.9	100.1	99.9
Jun	99.1	99.1	99.6	98.9	96.6	98.5	98.8	100.9	97.6	98.8
Jul	100.8	100.8	100.0	102.0	100.3	103.1	101.8	102.2	99.0	100.4
Aug	100.6	100.5	100.6	100.0	101.0	101.0	97.4	100.2	102.2	101.2
Sep	100.9	100.9	101.0	99.9	102.2	98.1	98.1	101.1	105.6	100.6
Oct	102.8	102.9	101.5	103.0	100.7	105.2	101.3	103.7	108.9	101.7
Nov	102.1	102.4	101.2	101.8	101.5	101.6	104.6	100.4	111.0	99.2
Dec	100.5	100.7	99.7	100.0	99.6	100.5	99.4	100.1	108.9	98.3
2017 Jan	100.6	100.8	100.2	99.6	98.5	102.3	97.6	99.1	109.6	98.5
Feb	101.4	101.7	100.5	101.3	99.1	103.8	99.6	101.5	109.3	98.4
Mar	100.9	101.5	100.9	100.3	100.1	105.1	99.3	96.6	110.4	95.0
Apr	102.4	102.7	100.5	102.3	99.6	104.2	103.3	101.8	114.3	100.3
May	101.2	101.0	99.6	100.2	98.4	103.8	96.9	100.4	111.5	102.8
Jun	101.7	102.0	98.9	102.2	100.2	104.8	99.2	103.1	115.4	99.1
Jul	101.9	102.1	99.4	102.2	100.9	104.2	100.9	102.2	114.0	100.2
Aug	102.8	103.0	99.8	103.0	101.4	104.6	96.8	106.6	118.3	100.3
Sep	102.4	102.6	99.8	100.9	100.8	104.5	98.9	98.9	124.1	100.2
Oct	102.9	103.1	100.3	102.2	100.1	103.3	101.4	103.0	120.3	101.7
Nov	103.1	103.3	100.2	102.8	100.6	104.1	102.2	103.3	120.3	101.6
Dec	102.4	102.5	100.3	101.6	101.4	102.2	98.5	103.1	117.1	101.5
2018 Jan	102.2	102.5	99.4	102.2	101.7	102.5	98.7	104.6	118.1	99.8
Feb	103.1	103.1	100.6	101.8	100.9	101.5	101.3	103.0	121.5	102.4
Mar	102.2	102.8	100.3	101.4	101.0	101.1	101.6	101.9	121.0	96.8
Apr	103.5	103.8	101.1	102.4	100.4	101.7	104.1	103.3	122.8	100.7
May	105.3	105.6	102.4	103.9	102.4	104.3	104.7	104.0	128.5	102.3
Jun	104.9	105.0	102.3	103.1	102.6	103.5	104.7	102.2	126.9	103.3
Jul	105.9	106.3	103.0	104.0	102.1	105.5	102.6	105.0	133.2	101.8
Aug	106.3	106.8	102.3	105.5	102.2	103.5	107.1	108.5	133.6	101.8
Sep	105.8	106.3	101.4	105.8	101.3	104.8	109.1	107.5	131.8	101.0
Oct	105.4	105.9	101.7	104.6	101.5	103.9	106.1	106.5	131.7	100.2
Nov	106.9	107.2	101.6	106.9	101.1	104.6	111.7	109.9	134.7	103.5

### Revision to index numbers

2016 Jan	-	-	-	-	-0.1	-	-0.1	0.1	-0.2	0.1
Feb	-	-	-	-	-0.1	-	-0.2	-	-	-
Mar	-	-	0.1	-	0.1	-0.1	-0.1	0.1	-0.1	-
Apr	-	-	-	-	-	-	-	-0.1	-0.5	-
May	-	-	-0.1	0.1	0.2	0.1	-	0.1	-	-
Jun	0.1	-	-	0.1	0.1	0.1	0.1	0.1	-	-
Jul	0.1	0.1	-	0.1	0.1	-0.1	0.2	-	0.5	0.1
Aug	0.1	-	-0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1
Sep	-	-	-0.1	-	-	0.2	-	-	0.4	0.2
Oct	0.1	-	-	-	-0.1	-	-0.1	0.2	0.1	0.1
Nov	-0.2	-0.2	0.1	-0.4	-	-0.2	-0.4	-0.7	-0.4	-0.4
Dec	-	-	-0.1	-	-	-	0.1	-	-0.1	-0.1
2017 Jan	-	-	-	-	-0.2	-	-	-	-0.3	-
Feb	-	-	-	-	-0.1	-	-0.1	0.1	-0.1	-0.1
Mar	-	-	0.1	-	-	-0.1	-0.1	-	-0.3	-
Apr	-0.1	-	-	-	-	0.1	0.1	-0.1	-0.7	-
May	-	-	-	-	0.2	0.1	0.1	-	0.1	-
Jun	-	-	-	0.1	-	0.1	0.1	0.1	0.1	0.1
Jul	0.1	0.1	-	-	0.1	-0.1	0.3	-	0.6	0.1
Aug	0.2	0.1	-	0.2	0.1	0.1	0.4	0.2	0.4	0.2
Sep	0.1	0.1	-0.1	0.1	-0.1	0.2	-	0.2	0.7	0.2
Oct	0.1	0.1	-	0.1	-0.1	-	-	0.4	0.3	0.2
Nov	-0.3	-0.2	0.1	-0.4	0.1	-0.1	-0.8	-0.8	-0.8	-0.7
Dec	-0.1	-	-	-	-	-	0.1	-0.1	-0.4	-0.1
2018 Jan	-0.1	-	-	-	-	0.1	0.1	-0.1	-0.4	-0.1
Feb	-	-	-	0.2	-	0.1	0.1	0.3	-0.5	-0.1
Mar	-	-	-	-	-0.2	-	-	0.2	-0.6	-0.1
Apr	-	-	-	-0.1	-0.2	-	-0.2	-0.1	-0.5	-
May	0.1	0.1	-	0.1	0.4	-0.1	0.2	-	-0.1	-0.1
Jun	0.1	-	-	0.1	0.1	-0.1	0.3	0.2	0.3	0.1
Jul	0.1	0.1	-	0.2	0.2	0.1	0.4	0.1	0.8	-
Aug	0.2	0.3	-	0.3	0.1	-	0.5	0.6	0.8	0.1
Sep	0.1	0.1	-	0.1	0.3	-	-0.1	0.2	0.9	0.1
Oct	0.3	0.2	-0.1	0.3	0.3	0.1	0.2	0.7	0.8	0.5

<sup>1</sup> Predominantly automotive fuel also includes sale of fuel by supermarkets

# KPSA1 RETAIL SALES INDEX: VOLUME SEASONALLY ADJUSTED PERCENTAGE CHANGE ON SAME MONTH A YEAR EARLIER

Predominantly non-food stores

	All retailing including automotive fuel <sup>1</sup>	All retailing excluding automotive fuel <sup>1</sup>	Predominantly food stores	Total	Non-specialised stores	Textile, clothing and footwear stores	Household goods stores	Other stores	Non-store retailing	Predominantly automotive fuel <sup>1</sup>
	AGG 21	AGG 21X	AGG 1	AGG 12	47.19	AGG 5	AGG 7	AGG 13	AGG 14	47.30

## Percentage change on same month a year earlier

	J5EB	J45U	IDOB	IDOC	IDOA	IDOG	IDOH	IDOD	J5DK	JO4C
2016 Jan	5.2	4.9	3.7	4.8	9.6	0.6	7.0	4.3	11.3	8.1
Feb	3.8	3.4	3.8	2.2	6.3	-3.5	7.1	1.6	9.2	7.4
Mar	3.4	2.6	3.4	0.4	5.7	-6.5	0.2	4.0	11.0	10.8
Apr	3.2	2.8	2.6	2.2	7.5	-5.9	-0.4	8.4	7.1	7.2
May	5.1	4.8	3.2	3.9	10.1	-2.6	4.7	5.6	17.9	8.4
Jun	3.5	3.2	3.2	1.5	4.1	-6.2	1.4	7.7	12.2	6.4
Jul	5.4	5.0	3.7	5.3	6.4	2.8	0.6	10.6	10.2	9.3
Aug	6.2	5.8	5.7	3.3	8.0	-2.5	1.0	7.4	19.9	9.7
Sep	4.1	4.1	2.8	2.3	7.7	-4.4	-1.1	7.7	20.3	4.5
Oct	7.4	7.5	5.2	6.3	5.7	4.1	3.8	10.5	26.3	6.2
Nov	5.6	6.1	3.6	4.7	4.7	-0.2	6.0	8.7	27.3	0.8
Dec	4.2	4.3	1.1	4.0	2.5	1.1	1.0	9.9	22.2	3.9
2017 Jan	2.2	2.9	1.2	1.1	-1.3	3.2	-3.6	4.3	21.4	-4.5
Feb	3.4	3.7	1.3	2.5	-0.8	4.9	-2.4	6.0	22.3	0.4
Mar	2.7	3.6	1.3	3.0	2.8	9.0	2.0	-1.7	18.2	-5.6
Apr	3.8	4.0	1.7	2.5	-0.5	5.3	6.1	-0.3	24.0	1.6
May	0.9	0.7	-0.1	-0.7	-3.6	3.5	-5.2	0.5	11.4	2.9
Jun	2.7	2.9	-0.7	3.4	3.8	6.5	0.5	2.2	18.2	0.3
Jul	1.2	1.3	-0.5	0.3	0.6	1.1	-0.9	-	15.2	-0.2
Aug	2.2	2.5	-0.9	3.0	0.4	3.6	-0.7	6.4	15.7	-0.9
Sep	1.5	1.7	-1.2	1.0	-1.3	6.5	0.8	-2.2	17.6	-0.4
Oct	0.1	0.1	-1.2	-0.8	-0.6	-1.8	0.1	-0.7	10.5	-
Nov	1.0	0.9	-0.9	0.9	-0.9	2.5	-2.3	2.9	8.4	2.4
Dec	1.9	1.8	0.6	1.6	1.8	1.7	-0.9	3.0	7.5	3.2
2018 Jan	1.7	1.7	-0.7	2.6	3.2	0.2	1.2	5.5	7.7	1.3
Feb	1.7	1.4	0.1	0.5	1.8	-2.2	1.7	1.5	11.2	4.0
Mar	1.3	1.3	-0.5	1.2	0.9	-3.8	2.3	5.4	9.5	1.9
Apr	1.0	1.1	0.6	0.1	0.9	-2.4	0.8	1.5	7.4	0.4
May	4.0	4.5	2.8	3.6	4.0	0.5	8.1	3.5	15.3	-0.5
Jun	3.1	3.0	3.4	0.9	2.4	-1.2	5.5	-0.9	10.0	4.2
Jul	3.9	4.1	3.6	1.8	1.2	1.2	1.7	2.7	16.8	1.6
Aug	3.4	3.6	2.6	2.4	0.8	-1.1	10.7	1.7	12.9	1.5
Sep	3.4	3.6	1.6	4.9	0.5	0.3	10.3	8.6	6.2	0.8
Oct	2.4	2.8	1.4	2.4	1.4	0.6	4.6	3.4	9.4	-1.5
Nov	3.6	3.8	1.4	4.0	0.5	0.4	9.3	6.3	11.9	1.9

## Revision to percentage change on same month a year earlier

2016 Jan	-	-	-	-	-0.1	-	-	0.1	-0.1	-
Feb	-	-	0.1	0.1	-0.1	-	-	-	-	-
Mar	-	-	-	-	-	-	-	0.1	-	0.1
Apr	-	-	-	-	-	-	-	-	-0.2	0.1
May	-	0.1	-	-	-	-	0.1	-	0.1	-
Jun	-	-	-	-	0.1	-	0.1	-	-	0.1
Jul	-	-	-	-	0.1	-	0.1	-	0.1	-
Aug	0.1	-	-	-	-	-	0.1	-	0.1	0.1
Sep	-	-	-	-	-0.1	0.1	-	0.1	0.2	0.1
Oct	0.1	-	-	-	-0.1	-	-	0.1	0.1	0.1
Nov	-	-0.1	0.1	-0.2	-	-	-0.2	-0.3	-0.2	-0.2
Dec	-0.1	-	-	-	-0.1	-	-	-	-0.1	-0.1
2017 Jan	-	-0.1	-	-	-	-	-	0.1	-0.1	-
Feb	-	-	-	-	-	-	-	-	-0.1	-0.1
Mar	-	-	-	-	-	-	-0.1	-	-0.1	-
Apr	-	-	0.1	-	-	-	-	-0.1	-0.1	-
May	-	-	-	-	-	-	0.1	-0.1	0.1	-
Jun	-	-	-	0.1	0.1	0.1	0.1	-	-	0.1
Jul	0.1	-	-	0.1	-	-	0.1	-	0.1	-
Aug	0.1	-	-	0.1	-	-	0.1	0.1	0.2	0.1
Sep	0.1	0.1	-	0.1	-	-	-	0.2	0.3	-
Oct	-	-	-	0.1	-	-	-	0.2	0.2	0.1
Nov	-0.1	-	0.1	-0.1	-	0.1	-0.4	-0.1	-0.3	-0.3
Dec	-	-	0.1	-0.1	-	-	-	-0.1	-0.3	-0.1
2018 Jan	0.1	-	0.1	-	0.1	0.1	0.2	-0.2	-0.1	-0.1
Feb	0.1	-	-	0.2	0.2	0.1	0.2	0.3	-0.3	-
Mar	-	-	0.1	0.1	-0.2	0.1	0.1	0.1	-0.4	-0.1
Apr	-	-	-	-0.1	-0.1	-	-0.2	0.1	0.1	-0.1
May	-	-	-	-	0.1	-	-0.2	0.2	-0.1	-0.1
Jun	-	0.1	-0.1	-	-	-0.1	0.1	0.1	0.3	-
Jul	0.1	-	-	0.2	0.1	0.2	0.1	0.1	-	-0.2
Aug	-	0.1	-	0.1	-	-0.1	0.2	0.3	0.3	-0.1
Sep	0.1	-	0.1	0.1	0.4	-0.2	-0.1	-	0.1	-0.1
Oct	0.2	0.1	-0.1	0.2	0.4	0.1	0.2	0.3	0.3	0.3

<sup>1</sup> Predominantly automotive fuel also includes sale of fuel by supermarkets

# KPSA2 RETAIL SALES INDEX: VOLUME SEASONALLY ADJUSTED

## PERCENTAGE CHANGE 3 MONTHS ON SAME PERIOD A YEAR EARLIER

Predominantly non-food stores

	All retailing including automotive fuel <sup>1</sup>	All retailing excluding automotive fuel <sup>1</sup>	Predominantly food stores	Total	Non-specialised stores	Textile, clothing and footwear stores	Household goods stores	Other stores	Non-store retailing	Predominantly automotive fuel <sup>1</sup>
	AGG 21	AGG 21X	AGG 1	AGG 12	47.19	AGG 5	AGG 7	AGG 13	AGG 14	47.30

### Percentage change 3 months on same period a year earlier

	J5EH	J45S	IEFB	IEFE	IEEY	IEFQ	IEFT	IEFH	J5DS	JO6E
2016 Jan	3.5	3.1	2.7	2.0	8.3	-0.5	6.3	-2.5	11.1	7.5
Feb	3.6	3.3	3.4	2.0	8.3	-2.2	6.3	-1.1	10.3	6.2
Mar	4.1	3.6	3.6	2.3	7.1	-3.5	4.4	3.3	10.6	8.9
Apr	3.5	2.9	3.3	1.5	6.4	-5.4	2.1	4.6	9.2	8.6
May	3.9	3.3	3.1	2.0	7.6	-5.2	1.4	5.8	11.9	8.9
Jun	3.9	3.5	3.0	2.4	7.0	-5.0	1.8	7.2	12.4	7.2
Jul	4.6	4.2	3.3	3.4	6.6	-2.4	2.1	7.9	13.3	7.9
Aug	4.9	4.5	4.1	3.3	6.0	-2.3	1.0	8.5	13.9	8.3
Sep	5.1	4.9	4.0	3.6	7.4	-1.6	-	8.5	17.0	7.5
Oct	5.7	5.7	4.4	3.9	7.2	-1.2	1.0	8.5	22.0	6.6
Nov	5.5	5.8	3.8	4.3	6.2	-0.5	2.6	8.9	24.3	3.8
Dec	5.6	5.8	3.1	4.9	4.2	1.6	3.4	9.7	25.0	3.6
2017 Jan	4.0	4.4	1.9	3.3	2.0	1.3	1.1	7.8	23.5	0.2
Feb	3.3	3.7	1.2	2.6	0.3	2.9	-1.5	6.9	22.0	0.1
Mar	2.7	3.4	1.3	2.3	0.4	5.9	-1.1	2.5	20.4	-3.4
Apr	3.2	3.7	1.4	2.7	0.7	6.6	1.9	1.0	21.2	-1.5
May	2.5	2.8	1.0	1.7	-0.2	6.1	1.0	-0.6	17.7	-0.8
Jun	2.5	2.6	0.2	1.8	0.1	5.2	0.4	0.9	17.7	1.5
Jul	1.7	1.7	-0.5	1.1	0.5	3.8	-1.7	1.0	15.2	0.9
Aug	2.1	2.3	-0.7	2.3	1.7	3.9	-0.3	2.8	16.5	-0.2
Sep	1.6	1.8	-0.9	1.4	-0.2	3.9	-0.2	1.1	16.3	-0.5
Oct	1.3	1.4	-1.1	1.0	-0.6	3.0	0.1	0.9	14.8	-0.4
Nov	0.9	1.0	-1.1	0.4	-1.0	2.6	-0.4	-0.2	12.5	0.6
Dec	1.1	1.0	-0.4	0.6	0.2	0.8	-1.0	1.8	8.7	2.0
2018 Jan	1.6	1.5	-0.3	1.7	1.4	1.5	-0.7	3.7	7.8	2.4
Feb	1.8	1.6	-	1.6	2.2	-	0.6	3.3	8.7	2.9
Mar	1.5	1.5	-0.4	1.4	1.9	-2.1	1.8	4.2	9.5	2.4
Apr	1.3	1.3	-	0.6	1.2	-2.9	1.7	2.9	9.4	2.1
May	2.1	2.2	0.8	1.6	1.8	-2.0	3.6	3.6	10.6	0.7
Jun	2.7	2.8	2.4	1.5	2.4	-1.1	4.8	1.2	10.8	1.6
Jul	3.6	3.8	3.3	2.0	2.5	-	5.1	1.6	13.7	1.9
Aug	3.4	3.5	3.2	1.6	1.5	-0.4	5.9	1.0	12.9	2.6
Sep	3.5	3.8	2.5	3.2	0.8	0.2	7.7	4.6	11.4	1.3
Oct	3.1	3.4	1.8	3.4	0.9	-	8.6	4.8	9.2	0.3
Nov	3.1	3.4	1.5	3.9	0.8	0.4	8.2	6.3	8.9	0.4

### Revision to percentage change 3 months on same period a year earlier

2016 Jan	-	-	-	-	-	-0.1	-	-0.1	-0.1	-0.1
Feb	-	-	-	0.1	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-	-0.1	-
May	-	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	0.1	-
Aug	-	-	-	0.1	-	0.1	0.1	-	0.1	-
Sep	-	-	-	0.1	-	0.1	-	0.1	0.1	-
Oct	-	0.1	-	0.1	-	-	-	0.1	0.1	0.1
Nov	-0.1	-	-	-	-	-	-	-	0.1	-0.1
Dec	-	-	-	-0.1	-	-	-0.1	-0.1	-0.1	-0.1
2017 Jan	-	-0.1	-	-0.1	-	-	-0.1	-	-0.1	-0.1
Feb	-	-	-	-	-	-	-	-	-0.1	-0.1
Mar	-0.1	-	-	-	-	-	-	-	-0.1	-
Apr	-	-0.1	-	-	-	-	-	-0.1	-0.1	-
May	-	-	-	-	-	-	0.1	-0.1	-0.1	-
Jun	-	-	-	-	-	-	0.1	-	-	-
Jul	-	-	-	-	0.1	-	0.1	-	0.1	-
Aug	0.1	-	-	0.1	-	-	0.1	-	0.1	0.1
Sep	0.1	-	-	0.1	-	-	-	0.1	0.2	-
Oct	0.1	-	-	-	-	-	-	0.2	0.2	0.1
Nov	-	0.1	-	-	-	-	-0.1	0.1	0.1	-
Dec	-	-	0.1	-0.1	-	-	-0.1	-	-0.2	-0.1
2018 Jan	-	-	-	-	0.1	0.1	-	-0.2	-0.3	-0.1
Feb	-	-	-	-	0.1	-	0.2	-	-0.2	-
Mar	-	0.1	-	0.1	-	0.1	0.2	-	-0.2	-
Apr	-	0.1	-	-	-	-	0.1	0.1	-0.1	-
May	-	-	-	-	-0.1	-	0.1	0.1	-0.2	-0.1
Jun	-	-	-	-	-	-0.2	0.1	0.1	0.1	-
Jul	-	-	-	-	0.1	-0.1	0.2	0.1	0.1	-0.1
Aug	-	-	-	-	-	-	0.2	0.2	0.1	-0.1
Sep	-	0.1	-	0.1	0.2	-	-	0.1	0.2	-0.1
Oct	0.1	0.1	-0.1	0.2	0.3	-	-	0.2	0.3	-

<sup>1</sup> Predominantly automotive fuel also includes sale of fuel by supermarkets

# KPSA3 RETAIL SALES INDEX: VOLUME SEASONALLY ADJUSTED

## PERCENTAGE CHANGE ON PREVIOUS MONTH

Predominantly non-food stores

	All retailing including automotive fuel <sup>1</sup>	All retailing excluding automotive fuel <sup>1</sup>	Predominantly food stores	Total	Non-specialised stores	Textile, clothing and footwear stores	Household goods stores	Other stores	Non-store retailing	Predominantly automotive fuel <sup>1</sup>
	AGG 21	AGG 21X	AGG 1	AGG 12	47.19	AGG 5	AGG 7	AGG 13	AGG 14	47.30

### Percentage change on previous month

	J5EC	J45W	IEEZ	IEFC	IEEW	IEFO	IEFR	IEFF	J5DL	JO6C
2016 Jan	2.1	1.4	0.3	2.4	2.8	-0.3	2.9	4.4	1.4	9.1
Feb	-0.3	0.2	0.3	0.3	-	-0.2	0.8	0.7	-1.1	-5.0
Mar	0.1	-0.1	0.3	-1.4	-2.6	-2.6	-4.6	2.7	4.6	2.6
Apr	0.5	0.7	-0.7	2.5	2.8	2.6	-	3.9	-1.3	-1.9
May	1.6	1.6	0.9	1.1	2.0	1.3	5.1	-2.2	8.5	1.2
Jun	-1.2	-1.2	-0.1	-2.0	-5.4	-1.8	-3.4	1.0	-2.5	-1.0
Jul	1.7	1.7	0.3	3.1	3.8	4.7	3.1	1.3	1.4	1.6
Aug	-0.2	-0.3	0.7	-1.9	0.7	-2.1	-4.3	-1.9	3.3	0.8
Sep	0.3	0.4	0.4	-0.2	1.2	-2.9	0.7	0.9	3.2	-0.6
Oct	1.9	2.0	0.5	3.1	-1.4	7.3	3.3	2.6	3.2	1.1
Nov	-0.7	-0.5	-0.3	-1.2	0.8	-3.4	3.2	-3.2	1.9	-2.5
Dec	-1.6	-1.7	-1.4	-1.8	-1.9	-1.1	-5.0	-0.3	-2.0	-0.9
2017 Jan	0.1	0.1	0.4	-0.4	-1.1	1.8	-1.8	-1.0	0.7	0.3
Feb	0.8	0.9	0.3	1.7	0.6	1.5	2.1	2.3	-0.3	-0.1
Mar	-0.5	-0.2	0.3	-1.0	1.0	1.3	-0.3	-4.8	1.0	-3.5
Apr	1.5	1.1	-0.3	2.0	-0.6	-0.9	4.0	5.4	3.5	5.6
May	-1.2	-1.6	-0.9	-2.0	-1.2	-0.4	-6.1	-1.4	-2.5	2.5
Jun	0.5	1.0	-0.7	2.0	1.8	1.0	2.4	2.7	3.5	-3.6
Jul	0.2	0.1	0.5	-	0.7	-0.5	1.7	-0.9	-1.2	1.1
Aug	0.8	0.9	0.3	0.7	0.5	0.4	-4.1	4.3	3.8	-
Sep	-0.4	-0.4	0.1	-2.1	-0.6	-0.2	2.2	-7.2	4.9	-
Oct	0.5	0.4	0.5	1.3	-0.7	-1.1	2.5	4.1	-3.0	1.5
Nov	0.2	0.3	-	0.6	0.5	0.8	0.8	0.3	-	-0.1
Dec	-0.7	-0.8	0.1	-1.1	0.8	-1.8	-3.6	-0.2	-2.7	-0.1
2018 Jan	-0.2	-	-0.9	0.6	0.3	0.3	0.2	1.4	0.9	-1.6
Feb	0.8	0.6	1.2	-0.4	-0.8	-0.9	2.6	-1.5	2.9	2.5
Mar	-0.8	-0.3	-0.3	-0.3	0.2	-0.4	0.4	-1.1	-0.5	-5.4
Apr	1.2	1.0	0.8	1.0	-0.6	0.6	2.4	1.4	1.5	4.0
May	1.7	1.7	1.3	1.4	1.9	2.5	0.6	0.7	4.7	1.6
Jun	-0.4	-0.5	-0.1	-0.7	0.2	-0.7	-0.1	-1.8	-1.3	1.0
Jul	1.0	1.2	0.6	0.9	-0.5	1.9	-2.0	2.8	5.0	-1.4
Aug	0.4	0.4	-0.6	1.4	0.1	-1.9	4.4	3.3	0.3	-0.1
Sep	-0.4	-0.4	-0.9	0.3	-0.9	1.3	1.9	-0.9	-1.3	-0.7
Oct	-0.4	-0.4	0.3	-1.1	0.2	-0.8	-2.8	-0.9	-0.1	-0.8
Nov	1.4	1.2	-	2.2	-0.4	0.6	5.3	3.2	2.2	3.3

### Revision to percentage change on previous month

2016 Jan	-	-	-	-	-0.1	-	-0.1	0.1	-0.1	0.1
Feb	-	-	-	-0.1	-	-0.1	-0.1	-	-	-0.1
Mar	-	-	-	0.1	0.1	-	0.1	0.1	-	-
Apr	-	-0.1	-	-	-	0.1	0.1	-0.2	-0.3	-
May	0.1	-	-	0.1	0.2	-	0.1	0.1	0.5	-
Jun	-	-	-	-	-0.1	-	0.1	-	-	0.1
Jul	-	-	-	-0.1	-	-0.2	0.2	-	0.4	0.1
Aug	-	-	-	0.1	-	0.1	-	0.2	-0.3	-
Sep	-0.1	-0.1	-	-0.1	-0.1	0.1	-0.2	-0.2	0.1	-
Oct	-	0.1	0.1	-	-	-0.1	-	0.2	-0.2	-
Nov	-0.2	-0.2	0.1	-0.4	0.1	-0.2	-0.4	-0.8	-0.5	-0.5
Dec	0.1	0.1	-0.1	0.4	-	0.1	0.4	0.7	0.1	0.3
2017 Jan	-	-	-	-	-0.2	0.1	-0.1	-	-0.2	0.1
Feb	-	-	-	-	-	-	-	-0.1	0.2	-
Mar	-	-	-0.1	-	0.1	-	-	-	-0.1	0.1
Apr	-0.1	-0.1	-	-	-	0.1	0.1	-0.2	-0.4	-
May	0.1	0.1	-	0.1	0.1	-	0.1	0.1	0.6	-
Jun	-	-	-	-	-0.1	-	0.1	0.1	-	0.1
Jul	-	-	-	-0.1	0.1	-0.1	0.2	-0.1	0.5	-
Aug	-	-	-0.1	0.1	-	0.2	-	0.2	-0.2	-
Sep	-0.1	-	-	-0.1	-0.2	-	-0.3	-	0.2	0.1
Oct	-	-	0.1	-	-	-0.1	-	0.1	-0.3	-
Nov	-0.3	-0.2	0.2	-0.5	0.2	-0.1	-0.7	-1.1	-0.9	-0.8
Dec	0.2	0.1	-0.1	0.4	-	0.1	0.8	0.7	0.2	0.5
2018 Jan	-	-	-	-	-	0.1	0.1	-0.1	0.1	0.1
Feb	-	-	-0.1	0.2	-	0.1	-0.1	0.5	-0.1	-0.1
Mar	-	-	0.1	-0.1	-0.1	-0.1	-	-0.2	-0.1	0.1
Apr	-0.1	-	-	-0.1	-	-	-	-0.2	0.1	-
May	0.1	0.1	-0.1	0.1	0.5	-0.1	0.4	0.1	0.4	-0.1
Jun	-	-	-	-	-0.3	0.1	-0.1	0.1	0.3	0.2
Jul	0.1	0.1	-	0.1	0.1	0.2	0.2	-	0.4	-0.1
Aug	0.1	-	-	0.1	-0.1	-0.1	0.1	0.4	-	-
Sep	-	-0.1	-	-0.2	0.1	-	-0.5	-0.3	0.1	0.1
Oct	0.1	-	-0.1	0.2	0.1	0.2	0.2	0.5	-0.1	0.4

<sup>1</sup> Predominantly automotive fuel also includes sale of fuel by supermarkets

# KPSA4 RETAIL SALES INDEX: VOLUME SEASONALLY ADJUSTED

## PERCENTAGE CHANGE 3 MONTHS ON PREVIOUS 3 MONTHS

Predominantly non-food stores

	All retailing including automotive fuel <sup>1</sup>	All retailing excluding automotive fuel <sup>1</sup>	Predominantly food stores	Total	Non-specialised stores	Textile, clothing and footwear stores	Household goods stores	Other stores	Non-store retailing	Predominantly automotive fuel <sup>1</sup>
	AGG 21	AGG 21X	AGG 1	AGG 12	47.19	AGG 5	AGG 7	AGG 13	AGG 14	47.30

### Percentage change 3 months on previous 3 months

	J5EG	J45R	IEFA	IEFD	IEEX	IEFP	IEFS	IEFG	J5DR	JO6D
2016 Jan	1.3	1.0	1.7	0.1	3.6	-2.3	1.5	-1.1	2.7	3.7
Feb	1.1	1.1	1.4	0.4	3.4	-2.6	1.8	0.3	2.8	1.5
Mar	2.0	1.8	1.6	1.5	2.5	-2.6	1.8	4.5	4.1	4.6
Apr	1.3	1.3	0.8	1.4	1.1	-2.1	-0.6	6.4	3.3	0.8
May	1.5	1.5	0.5	1.6	0.8	-0.8	-1.5	6.7	6.2	1.5
Jun	1.1	1.4	0.2	1.7	0.4	1.1	-0.6	4.6	6.0	-1.4
Jul	1.7	1.8	0.5	1.9	0.4	2.5	2.0	2.4	7.6	0.5
Aug	1.1	1.1	0.6	1.0	-0.6	2.3	0.4	1.1	4.5	0.3
Sep	1.4	1.4	1.1	0.8	1.9	1.4	-0.4	0.2	6.0	1.6
Oct	1.4	1.4	1.3	0.4	2.0	0.7	-1.9	0.6	6.9	1.5
Nov	1.8	1.9	1.2	1.3	2.5	0.7	1.8	0.6	8.9	0.4
Dec	0.9	1.1	0.1	0.9	-0.7	1.8	2.6	0.1	6.9	-1.1
2017 Jan	-0.4	-0.2	-0.7	-0.5	-1.5	0.2	1.5	-1.7	4.0	-2.5
Feb	-1.0	-0.9	-1.1	-1.2	-2.4	0.7	-2.2	-1.4	0.9	-2.1
Mar	-0.7	-0.6	-0.2	-1.1	-1.2	1.5	-2.7	-2.4	0.3	-2.5
Apr	0.5	0.7	0.3	0.8	-0.2	3.0	0.2	-0.2	1.4	-1.0
May	0.7	0.7	0.3	0.6	0.3	2.3	0.9	-0.8	2.5	0.6
Jun	0.8	0.6	-0.9	1.3	0.1	0.4	0.9	3.1	3.7	3.6
Jul	0.1	-0.2	-1.3	0.4	0.2	-0.1	-1.6	2.3	2.2	3.0
Aug	0.6	0.6	-1.0	1.6	1.3	0.2	-0.8	4.6	3.5	0.8
Sep	0.6	0.7	-	0.3	1.5	0.2	-0.9	0.4	4.7	-0.3
Oct	1.0	1.1	0.6	0.3	0.9	-0.1	-	0.5	6.5	0.1
Nov	0.7	0.6	0.8	-0.6	-0.3	-0.6	1.8	-2.3	5.1	1.3
Dec	0.4	0.3	0.6	0.2	-0.3	-1.3	1.7	0.8	-0.1	1.3
2018 Jan	-0.1	-0.1	0.1	0.2	0.5	-1.2	0.7	1.1	-2.3	0.3
Feb	-0.2	-0.3	0.1	-	0.8	-1.8	-1.3	2.0	-2.5	0.1
Mar	-0.3	-0.1	-0.1	-0.3	0.4	-1.4	0.1	-0.1	1.0	-2.1
Apr	0.3	0.4	0.6	-0.3	-0.4	-1.4	2.6	-1.0	2.8	-1.3
May	1.0	1.2	1.1	0.6	-0.1	0.2	3.9	-0.5	4.3	-1.6
Jun	2.0	1.9	1.8	1.3	0.7	1.5	3.9	-	4.9	2.7
Jul	2.4	2.3	1.9	1.8	1.6	2.9	1.7	0.9	6.3	2.8
Aug	2.0	1.9	1.3	1.6	1.1	1.8	1.4	2.0	5.7	2.7
Sep	1.4	1.6	0.2	1.9	-	1.4	1.9	3.8	5.3	-0.6
Oct	0.5	0.7	-0.8	1.6	-0.7	-0.2	3.4	3.7	2.3	-1.5
Nov	0.4	0.5	-1.0	1.6	-1.0	0.3	4.0	2.8	1.4	-0.8

### Revision to percentage change 3 months on previous 3 months

2016 Jan	-	-0.1	-	-	-	-0.1	-0.1	-0.2	-0.3	-0.2
Feb	-	-	-	-	-	-	-	0.1	-0.1	-
Mar	-	0.1	-	0.1	-0.1	-	-	0.1	-0.1	-
Apr	0.1	-	-	-	-	-	-	0.1	-0.1	-
May	-	-	-	-	0.1	-	-	0.1	-0.1	-
Jun	-	-	-	0.1	0.1	0.1	0.1	-0.1	-	0.1
Jul	0.1	0.1	-	0.1	0.1	-	0.2	0.1	0.4	0.1
Aug	0.1	-	-0.1	0.1	-0.1	-	0.1	-	0.3	0.2
Sep	-	-	-	-	-0.1	-	0.1	-	0.5	0.1
Oct	-	-	-	-	-0.1	-	-0.1	-	0.1	0.1
Nov	-0.1	-0.1	-	-0.1	-	-	-0.3	-0.2	-0.1	-0.2
Dec	-0.1	-0.1	-	-0.1	-	-0.1	-0.2	-0.2	-0.4	-0.3
2017 Jan	-0.2	-0.1	0.1	-0.2	-	-0.2	-0.2	-0.3	-0.4	-0.3
Feb	-	-	-	-	-0.1	-	0.1	0.2	-0.2	-
Mar	0.1	-	-	0.1	-0.1	-	-	0.2	-0.1	0.1
Apr	-	0.1	-	0.1	-	-	0.1	0.2	-	0.1
May	-	-	-	-	0.1	-	-	-	-0.1	-
Jun	-	0.1	-	0.1	0.1	0.1	0.2	-	0.1	0.1
Jul	0.1	0.1	-	0.1	0.1	0.1	0.2	0.1	0.5	0.1
Aug	0.1	0.1	-	0.1	-0.1	0.1	0.3	0.2	0.5	0.2
Sep	0.1	0.1	-0.1	-	-0.1	0.1	0.1	0.1	0.6	0.2
Oct	-	-	-0.1	-	-0.1	0.1	-0.1	0.2	0.2	0.1
Nov	-0.1	-0.1	0.1	-0.2	-0.2	-0.1	-0.4	-0.2	-0.2	-0.2
Dec	-0.2	-0.2	0.1	-0.2	-0.1	-0.2	-0.4	-0.3	-0.7	-0.5
2018 Jan	-0.2	-0.1	0.1	-0.3	0.1	-0.1	-0.3	-0.5	-0.8	-0.5
Feb	-	-	0.1	0.1	0.1	0.1	0.3	0.1	-0.5	-0.1
Mar	0.1	0.1	-	0.2	-0.1	0.1	0.3	0.3	-0.1	0.1
Apr	0.1	-	-0.1	0.2	-0.1	0.1	0.2	0.4	-	0.2
May	-	-	-	-	-	-	-0.1	0.1	-	-
Jun	-	-	-0.1	-0.1	0.2	-0.1	0.1	-0.1	0.4	-
Jul	0.1	0.1	-	0.1	0.3	-0.1	0.3	-	0.8	-
Aug	0.1	0.1	-	0.2	0.2	-	0.3	0.3	0.9	0.1
Sep	0.2	0.2	-	0.1	0.2	0.1	0.1	0.2	0.8	0.1
Oct	0.1	0.1	-0.1	0.1	0.1	0.1	-0.1	0.3	0.4	0.2

<sup>1</sup> Predominantly automotive fuel also includes sale of fuel by supermarkets



# ISCPNSA VALUE OF INTERNET SALES AT CURRENT PRICES NON-SEASONALLY ADJUSTED

Index 2016=100

Predominantly non-food stores

	All retailing excluding automotive fuel AGG 21X	Predominantly food stores AGG 1	Total AGG 12	Non-specialised stores 47.19	Textile, clothing and footwear stores AGG 5	Household goods stores AGG 7	Other stores AGG 13	Non-store retailing AGG 14
<b>Index numbers of sales per week</b>								
	KP5W	KP5S	KP5T	KP5R	KP5X	KP5Y	KP5U	KP5V
2016 Jan	86.1	91.6	88.0	89.9	94.3	94.2	71.8	83.2
Feb	78.2	91.0	75.1	71.4	76.5	82.1	71.6	76.7
Mar	81.8	91.1	79.9	76.7	81.7	85.5	76.3	80.4
Apr	86.0	91.0	86.4	81.9	85.9	91.5	88.1	84.3
May	89.7	100.6	85.9	85.6	91.7	89.7	74.5	89.3
Jun	90.5	98.8	89.9	88.4	91.5	88.7	90.2	88.6
Jul	90.1	95.2	90.6	85.3	92.9	92.8	90.8	88.3
Aug	88.6	90.4	87.5	76.1	87.1	95.8	93.7	88.8
Sep	96.7	98.4	92.0	84.7	88.4	99.3	99.3	99.5
Oct	108.5	106.1	107.2	97.9	107.2	109.6	115.1	110.0
Nov	147.1	120.0	151.4	168.1	141.6	145.9	152.8	151.8
Dec	151.6	123.0	160.4	185.2	156.6	125.3	167.5	153.7
2017 Jan	100.0	106.9	103.3	107.7	106.5	109.4	89.0	95.7
Feb	95.6	104.8	89.5	83.9	89.1	102.2	86.1	97.2
Mar	101.6	109.2	97.5	87.0	102.9	104.9	94.8	102.3
Apr	105.0	109.1	98.2	90.6	94.3	106.4	105.9	108.5
May	105.1	107.9	97.5	89.2	104.0	101.6	93.3	109.5
Jun	108.7	109.6	102.6	102.2	107.4	100.9	97.2	112.6
Jul	108.2	108.9	108.0	95.0	109.9	106.8	119.8	108.1
Aug	105.4	105.7	102.7	95.2	106.4	102.4	105.3	107.2
Sep	109.9	109.0	105.8	95.3	110.4	111.9	105.4	112.9
Oct	118.8	115.0	118.4	101.1	127.7	117.7	123.3	120.2
Nov	162.0	129.1	172.1	169.4	163.7	172.9	186.9	164.3
Dec	165.4	140.5	187.0	204.5	188.7	145.2	198.9	157.4
2018 Jan	113.3	114.3	121.5	127.3	124.8	132.5	102.1	107.4
Feb	110.0	122.1	103.8	103.2	98.4	123.7	97.1	110.9
Mar	118.3	121.1	118.2	117.0	116.3	131.5	111.8	117.6
Apr	118.5	121.8	116.1	113.8	116.0	117.5	117.5	119.2
May	127.1	126.5	122.8	122.1	128.6	118.4	118.4	130.2
Jun	125.5	125.6	124.6	126.1	127.1	117.5	124.7	126.0
Jul	125.7	120.5	127.8	129.1	128.9	122.6	128.9	125.7
Aug	120.3	112.5	120.2	118.9	119.3	133.5	112.8	122.6
Sep	122.4	111.9	125.7	107.2	132.7	140.8	123.1	123.1
Oct	134.5	119.3	141.1	113.7	145.5	157.2	151.0	134.2
Nov	183.3	132.8	198.6	196.9	197.5	208.5	194.3	186.9
<b>Revision to index numbers</b>								
2016 Jan	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-
Oct	-	-	-	-	-	-	-	-
Nov	-	-	-	-	-	-	-	-
Dec	-	-	-	-	-	-	-	-
2017 Jan	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-
Oct	-	-	-	-	-	-	-	-
Nov	-	-	-0.1	-	-	-	-0.2	-
Dec	-0.1	-	-0.5	-	-	-	-1.8	-
2018 Jan	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-
Mar	-	0.1	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-0.1	-
May	-0.1	-	-0.2	-	-0.3	-0.1	-0.3	-
Jun	-	-	0.1	-	0.4	-0.3	-	-0.2
Jul	0.2	-	0.7	-	1.6	0.5	0.2	-0.1
Aug	0.1	-0.2	0.1	-	-	0.6	0.1	0.3
Sep	0.8	0.4	0.9	0.7	0.7	1.7	0.8	0.8
Oct	0.5	1.9	-0.6	-1.9	-1.1	6.8	-3.9	0.7

# ISCPNSA1 INTERNET SALES: VALUE NON-SEASONALLY ADJUSTED PERCENTAGE CHANGE ON SAME MONTH A YEAR EARLIER

Predominantly non-food stores

	All retailing excluding automotive fuel AGG 21X	Predominantly food stores AGG 1	Total AGG 12	Non-specialised stores 47.19	Textile, clothing and footwear stores AGG 5	Household goods stores AGG 7	Other stores AGG 13	Non-store retailing AGG 14
<b>Percentage change on same month a year earlier</b>								
	KP3T	KP3P	KP3Q	KP3O	KP3U	KP3V	KP3R	KP3S
2016 Jan	13.8	11.7	13.7	26.3	9.9	37.1	-8.3	14.5
Feb	12.4	8.6	13.7	24.5	12.7	39.8	-8.5	12.8
Mar	11.6	5.5	11.5	20.1	3.1	44.1	-2.4	13.7
Apr	12.9	11.9	16.8	22.3	4.4	46.1	13.1	10.6
May	19.6	17.2	17.4	26.9	12.7	46.0	-2.0	21.9
Jun	17.2	13.4	17.5	17.5	-0.5	49.9	31.5	18.2
Jul	17.8	13.6	20.9	21.5	9.6	43.2	24.6	17.0
Aug	23.6	10.9	19.5	17.9	-3.0	60.1	37.4	30.9
Sep	25.8	14.2	18.2	19.8	-1.2	45.7	31.5	35.0
Oct	30.0	23.1	21.9	18.7	7.2	50.8	31.0	38.3
Nov	28.4	26.3	19.7	18.6	10.2	35.2	25.1	35.7
Dec	30.1	28.8	16.9	14.3	8.2	15.7	36.2	42.0
2017 Jan	16.1	16.6	17.3	19.8	12.9	16.1	23.9	15.1
Feb	22.2	15.1	19.1	17.4	16.5	24.5	20.2	26.7
Mar	24.3	19.9	22.0	13.5	25.9	22.6	24.3	27.3
Apr	22.1	19.9	13.7	10.6	9.7	16.3	20.2	28.7
May	17.1	7.3	13.5	4.2	13.4	13.3	25.2	22.6
Jun	20.1	11.0	14.1	15.6	17.3	13.8	7.8	27.1
Jul	20.1	14.4	19.3	11.4	18.4	15.0	31.9	22.5
Aug	19.0	16.9	17.4	25.0	22.2	7.0	12.4	20.7
Sep	13.6	10.7	15.0	12.5	24.9	12.6	6.1	13.4
Oct	9.6	8.4	10.4	3.2	19.1	7.4	7.1	9.3
Nov	10.1	7.6	13.7	0.8	15.6	18.5	22.3	8.2
Dec	9.0	14.3	16.6	10.4	20.5	15.9	18.7	2.4
2018 Jan	13.4	6.9	17.7	18.2	17.1	21.1	14.7	12.2
Feb	15.1	16.6	16.0	23.1	10.4	21.1	12.8	14.1
Mar	16.4	10.9	21.2	34.5	13.0	25.3	17.9	14.9
Apr	12.8	11.6	18.2	25.7	23.1	10.4	11.0	9.8
May	21.0	17.3	26.0	36.9	23.7	16.5	26.9	18.9
Jun	15.5	14.6	21.4	23.4	18.4	16.4	28.4	11.9
Jul	16.1	10.7	18.3	35.9	17.2	14.8	7.6	16.2
Aug	14.2	6.5	17.1	24.9	12.0	30.3	7.1	14.4
Sep	11.4	2.6	18.8	12.5	20.2	25.9	16.8	9.0
Oct	13.2	3.7	19.2	12.5	14.0	33.6	22.4	11.7
Nov	13.1	2.8	15.4	16.2	20.7	20.6	4.0	13.8
<b>Revision to percentage change on same month a year earlier</b>								
2016 Jan	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-
Oct	-	-	-	-	-	-	-	-
Nov	-	-	-	-	-	-	-	-
Dec	-	-	-	-	-	-	-	-
2017 Jan	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-
Oct	-	-	-	-	-	-	-	-
Nov	-	-	-	-	-	-	-0.1	-
Dec	-0.1	-	-0.2	-	-	-	-1.1	-
2018 Jan	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	0.1	-
Mar	-	0.1	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-
May	-	-	-0.2	-	-0.3	-0.1	-0.4	-
Jun	-	-	0.1	-	0.4	-0.3	0.1	-0.2
Jul	0.1	-	0.6	-	1.4	0.4	0.2	-0.1
Aug	0.2	-0.2	0.2	-	-0.1	0.6	0.1	0.3
Sep	0.7	0.3	0.8	0.7	0.6	1.5	0.7	0.7
Oct	0.4	1.7	-0.5	-1.9	-0.8	5.8	-3.2	0.6

# ISCPNSA2 INTERNET SALES: VALUE NON-SEASONALLY ADJUSTED AVERAGE WEEKLY INTERNET SALES IN POUNDS MILLION

Predominantly non-food stores

	All retailing excluding automotive fuel	Predominantly food stores	Total	Non-specialised stores	Textile, clothing and footwear stores	Household goods stores	Other stores	Non-store retailing
	AGG 21X	AGG 1	AGG 12	47.19	AGG 5	AGG 7	AGG 13	AGG 14
<b>Average weekly Internet sales in pounds million</b>								
	JE2J	KQ7F	KQ7G	KQ7E	KQ7J	KQ7K	KQ7H	KQ7I
2016 Jan	854.4	130.0	305.5	75.9	112.8	59.0	57.8	419.0
Feb	776.5	129.1	260.8	60.3	91.4	51.4	57.7	386.6
Mar	811.7	129.2	277.4	64.7	97.7	53.6	61.4	405.1
Apr	854.0	129.1	300.0	69.1	102.7	57.3	70.9	424.8
May	890.5	142.7	298.0	72.3	109.6	56.1	59.9	449.9
Jun	898.5	140.2	312.1	74.6	109.4	55.5	72.6	446.3
Jul	894.2	135.1	314.3	72.1	111.0	58.1	73.1	444.8
Aug	879.6	128.2	303.8	64.3	104.1	60.0	75.4	447.6
Sep	960.5	139.6	319.3	71.5	105.7	62.2	79.9	501.5
Oct	1 076.8	150.6	372.2	82.7	128.2	68.6	92.7	554.1
Nov	1 460.5	170.3	525.6	141.9	169.3	91.3	123.0	764.7
Dec	1 505.6	174.5	556.9	156.4	187.2	78.4	134.8	774.3
2017 Jan	992.4	151.6	358.4	90.9	127.4	68.5	71.6	482.3
Feb	949.0	148.7	310.6	70.8	106.5	64.0	69.3	489.8
Mar	1 009.1	154.9	338.5	73.5	123.0	65.7	76.3	515.7
Apr	1 042.7	154.8	341.0	76.5	112.7	66.6	85.2	546.9
May	1 043.1	153.1	338.3	75.3	124.3	63.6	75.1	551.7
Jun	1 078.9	155.5	356.1	86.3	128.4	63.2	78.2	567.3
Jul	1 074.4	154.5	375.0	80.2	131.5	66.8	96.4	544.9
Aug	1 046.7	149.9	356.5	80.3	127.3	64.1	84.8	540.3
Sep	1 090.7	154.6	367.3	80.4	132.0	70.0	84.8	568.8
Oct	1 179.7	163.2	410.9	85.4	152.7	73.7	99.2	605.6
Nov	1 608.4	183.2	597.4	143.1	195.7	108.2	150.4	827.8
Dec	1 641.7	199.4	649.2	172.6	225.6	90.9	160.1	793.2
2018 Jan	1 125.0	162.1	421.8	107.5	149.2	82.9	82.2	541.1
Feb	1 092.5	173.3	360.4	87.1	117.6	77.5	78.2	558.8
Mar	1 174.6	171.8	410.1	98.8	139.1	82.3	90.0	592.7
Apr	1 176.5	172.8	403.0	96.1	138.7	73.6	94.6	600.7
May	1 261.9	179.5	426.3	103.1	153.8	74.1	95.3	656.0
Jun	1 245.6	178.2	432.4	106.5	152.0	73.5	100.4	635.0
Jul	1 247.8	171.0	443.6	109.0	154.1	76.7	103.8	633.2
Aug	1 194.8	159.7	417.3	100.4	142.6	83.6	90.8	617.9
Sep	1 215.0	158.7	436.3	90.5	158.6	88.1	99.0	620.0
Oct	1 335.3	169.3	489.8	96.0	174.0	98.4	121.5	676.1
Nov	1 819.6	188.3	689.4	166.2	236.2	130.5	156.4	941.9
<b>Revision to average weekly Internet sales in pounds million</b>								
2016 Jan	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-
Oct	-	-	-	-	-	-	-	-
Nov	-	-	-	-	-	-	-	-
Dec	-	-	-	-	-	-	-	-
2017 Jan	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-
Oct	-	-	-	-	-	-	-	-
Nov	-0.1	-	-0.1	-	-	-	-0.2	-
Dec	-1.5	-	-1.5	-	-	-	-1.5	-
2018 Jan	-	-	-	-	-	-	-	-
Feb	0.1	-	-	-	-	-	0.1	-
Mar	0.1	0.1	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-
May	-0.7	-	-0.7	-	-0.4	-0.1	-0.3	-
Jun	-0.4	-	0.4	-	0.5	-0.2	-	-0.8
Jul	1.8	-	2.3	-	1.9	0.2	0.2	-0.5
Aug	1.5	-0.2	0.4	-	-0.1	0.4	0.1	1.4
Sep	7.4	0.5	3.0	0.6	0.8	1.0	0.5	3.9
Oct	4.4	2.8	-1.9	-1.6	-1.3	4.3	-3.1	3.4

# ISCPNSA3 INTERNET SALES: VALUE NON-SEASONALLY ADJUSTED

## INTERNET SALES AS A PROPORTION OF ALL RETAILING

Predominantly non-food stores

	All retailing excluding automotive fuel	Predominantly food stores	Total	Non-specialised stores	Textile, clothing and footwear stores	Household goods stores	Other stores	Non-store retailing
	AGG 21X	AGG 1	AGG 12	47.19	AGG 5	AGG 7	AGG 13	AGG 14
<b>Internet sales as a proportion of all retailing</b>								
	J4MC	KQ77	KQ78	KQ76	KQ7B	KQ7C	KQ79	KQ7A
2016 Jan	14.2	4.8	11.2	13.1	15.3	9.3	7.4	78.5
Feb	12.9	4.6	9.8	11.1	13.2	8.4	7.0	73.8
Mar	13.0	4.4	10.0	11.5	13.0	8.9	7.0	76.1
Apr	13.5	4.5	10.3	12.0	13.2	9.6	7.5	75.1
May	13.6	4.8	10.0	11.9	13.2	9.0	6.4	77.3
Jun	13.9	4.8	10.5	12.6	12.8	9.5	7.8	77.7
Jul	13.4	4.6	10.0	11.7	12.1	9.3	7.5	77.9
Aug	13.7	4.4	10.2	10.6	12.1	10.3	8.2	79.6
Sep	14.8	4.8	10.8	11.7	12.5	10.3	8.8	80.2
Oct	15.5	5.1	11.4	12.9	13.8	10.2	9.0	77.9
Nov	18.8	5.5	14.2	16.9	16.5	12.5	11.1	79.3
Dec	17.1	5.0	12.6	14.7	14.6	11.4	9.6	86.3
2017 Jan	16.2	5.5	13.1	15.9	17.0	11.1	8.9	76.3
Feb	15.2	5.2	11.3	13.1	14.7	10.6	7.9	76.8
Mar	15.6	5.3	11.9	12.8	15.2	11.0	8.8	78.2
Apr	15.2	5.1	11.0	12.8	13.0	9.9	8.7	80.2
May	15.4	5.0	11.1	12.6	14.0	10.5	7.8	82.5
Jun	15.8	5.2	11.4	13.7	13.8	10.5	8.1	82.1
Jul	15.5	5.1	11.6	12.7	13.7	10.5	9.7	80.8
Aug	15.4	5.1	11.3	12.8	13.7	10.8	8.5	80.0
Sep	16.0	5.2	11.9	13.0	14.2	11.1	9.4	74.6
Oct	16.5	5.4	12.4	13.2	16.3	10.7	9.6	74.7
Nov	19.9	5.8	15.5	17.0	18.1	14.5	12.8	75.7
Dec	17.9	5.5	14.2	15.7	16.9	13.3	11.0	79.5
2018 Jan	17.7	5.8	14.7	17.9	19.3	13.0	9.6	78.3
Feb	16.8	5.8	12.8	15.6	16.1	12.3	8.7	77.0
Mar	17.3	5.5	13.9	16.6	17.4	13.0	9.8	80.5
Apr	17.1	5.7	12.9	16.3	16.3	10.8	9.4	80.8
May	17.5	5.6	13.3	16.5	16.9	11.1	9.5	83.0
Jun	17.5	5.6	13.6	16.4	16.4	11.4	10.4	82.5
Jul	17.1	5.3	13.5	17.0	15.8	11.8	10.1	79.7
Aug	16.7	5.1	12.8	15.8	15.4	12.7	8.8	79.7
Sep	17.1	5.2	13.5	14.5	17.0	12.6	10.0	75.8
Oct	18.1	5.5	14.5	14.6	18.5	13.5	11.4	75.5
Nov	21.5	5.8	17.3	19.7	21.8	15.9	12.6	76.2
<b>Revision to Internet sales as a proportion of all retailing</b>								
2016 Jan	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-
Oct	-	-	-	-	-	-	-	-
Nov	-	-	-	-	-	-	-	-
Dec	-	-	-	-	-	-	-	-
2017 Jan	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-
Oct	-	-	-	-	-	-	-	-
Nov	-	-	-0.1	-	-	-	-0.1	0.2
Dec	-	-	-	-	-	-	-0.1	0.1
2018 Jan	-	-	-	-	-	-	0.1	-0.1
Feb	-	-	-	-	-	-	-	0.2
Mar	-	-	-	0.1	-	-0.1	-	0.1
Apr	-	-	-	0.1	-	-	-	-0.2
May	-	-	-	-	-	-	-	0.2
Jun	-	-	-	-	0.1	-0.1	-	-0.3
Jul	-	-	0.1	-	0.1	-	-	-
Aug	-	-0.1	-	-	-	0.1	-	0.1
Sep	0.1	-	0.1	0.1	0.1	0.1	-	0.5
Oct	0.1	0.1	-	-0.3	-0.2	0.5	-0.4	0.2

# ISCP SA VALUE OF INTERNET SALES AT CURRENT PRICES SEASONALLY ADJUSTED

Index 2016=100

Predominantly non-food stores

	All retailing excluding automotive fuel	Predominantly food stores	Total	Non- specialised stores	Textile, clothing and footwear stores	Household goods stores	Other stores	Non-store retailing
	AGG 21X	AGG 1	AGG 12	47.19	AGG 5	AGG 7	AGG 13	AGG 14
<b>Index numbers of sales per week</b>								
	KPC4	KPB8	KPB9	KPB7	KPC5	KPC6	KPC2	KPC3
2016 Jan	90.8	92.7	90.2	91.3	96.5	84.7	84.0	90.7
Feb	89.7	90.3	92.5	92.6	97.6	88.1	88.1	87.6
Mar	89.9	90.7	90.8	92.6	90.6	88.7	90.7	89.2
Apr	93.8	92.8	96.7	95.5	97.1	93.8	99.6	92.2
May	96.6	99.8	96.2	100.1	99.4	95.1	88.2	95.9
Jun	98.2	99.1	99.9	96.6	99.6	98.5	105.1	96.7
Jul	99.6	99.6	100.1	98.7	100.7	99.7	101.0	99.3
Aug	101.5	100.4	102.0	93.6	100.7	107.5	108.4	101.5
Sep	106.5	104.1	103.2	104.4	97.2	105.4	109.2	109.5
Oct	110.0	107.4	107.7	108.4	105.5	110.1	108.4	112.3
Nov	112.2	110.8	111.6	118.0	108.5	112.3	109.1	113.1
Dec	109.9	111.1	108.5	107.9	107.8	114.5	105.6	110.5
2017 Jan	108.0	109.8	106.4	108.2	109.2	99.7	105.4	108.7
Feb	109.3	105.3	109.5	107.2	114.0	106.9	107.5	110.3
Mar	110.8	110.2	109.6	103.3	114.5	108.7	109.5	111.9
Apr	113.8	111.5	111.1	105.7	107.6	111.8	121.5	116.3
May	111.5	107.6	109.3	102.9	112.6	110.9	110.0	114.1
Jun	116.3	110.2	113.9	111.4	116.9	114.2	111.9	119.6
Jul	117.9	114.0	119.0	108.2	119.4	117.1	131.4	118.2
Aug	119.1	117.0	119.2	114.6	123.4	115.9	120.1	119.7
Sep	119.8	116.7	119.1	117.8	121.8	120.0	115.7	121.2
Oct	119.4	117.3	119.4	114.1	125.8	119.9	115.3	120.0
Nov	121.8	118.3	126.3	117.8	124.2	135.1	131.4	119.7
Dec	122.6	119.9	125.8	119.1	128.4	120.0	133.2	121.1
2018 Jan	123.0	117.4	124.9	126.8	128.3	120.6	121.1	123.2
Feb	125.2	122.8	126.9	130.6	126.4	128.1	122.6	124.8
Mar	128.7	122.5	132.8	137.5	129.8	136.0	129.8	127.6
Apr	128.3	124.4	132.0	133.5	133.0	124.2	135.1	126.8
May	134.4	126.2	137.3	140.3	138.9	128.5	138.6	134.8
Jun	133.8	126.2	138.0	137.3	138.3	132.8	142.3	133.0
Jul	136.4	125.3	140.3	145.6	139.8	134.8	139.9	136.7
Aug	135.6	123.8	138.9	141.6	138.7	149.7	127.8	136.7
Sep	133.5	119.9	141.2	133.0	146.2	149.4	135.9	132.0
Oct	135.0	121.3	142.3	130.4	143.0	158.7	141.0	133.9
Nov	137.6	121.7	146.0	136.3	148.9	167.2	135.3	136.3
<b>Revision to index numbers</b>								
2016 Jan	-0.1	-	-0.2	-0.4	-	0.1	-0.4	-
Feb	-	-	-	-0.2	0.1	0.1	0.1	-
Mar	-	-	-	-0.2	-	-0.1	0.2	-
Apr	-0.1	-	-	-0.1	-	0.2	-0.2	-
May	0.1	0.1	-	-0.2	-	0.3	-	-
Jun	-	-	-	-0.2	-	0.6	-0.2	-
Jul	-	-	-0.1	-0.2	-0.1	0.6	-0.4	-
Aug	-	0.1	-	-0.3	0.1	0.7	-0.3	0.1
Sep	-0.1	-	-0.2	-0.5	-	0.7	-1.0	-
Oct	0.1	-0.3	0.3	-0.3	0.4	1.1	0.3	0.1
Nov	-	0.1	0.2	3.2	-0.5	-4.1	1.7	-0.2
Dec	-	-	-	-0.2	-	-0.2	0.2	-0.1
2017 Jan	-0.1	-	-0.2	-0.3	0.1	-0.1	-0.5	-
Feb	-	-	-0.1	-0.2	0.1	-	-0.1	-
Mar	-	-	0.1	-0.2	-	-0.2	0.5	-
Apr	-	0.1	-	-0.2	0.1	0.3	-0.2	-
May	-	-	-	-0.3	0.1	0.3	-0.2	-0.1
Jun	0.1	-	-0.1	-0.3	-	0.8	-0.4	-
Jul	-	0.1	-0.2	-0.1	-0.4	0.8	-0.8	0.1
Aug	0.1	0.2	0.1	-0.4	0.2	0.9	-0.6	0.1
Sep	-0.1	0.1	-0.2	-0.6	0.1	0.9	-1.2	-
Oct	0.2	-0.3	0.6	-	0.8	1.4	0.4	0.2
Nov	-0.1	-0.1	-	3.0	-0.9	-4.9	1.9	-0.2
Dec	-0.1	-	-0.2	-	-	-0.5	-0.9	-0.1
2018 Jan	-	-	-0.1	-0.1	0.1	-0.2	-0.6	-
Feb	-0.1	-	-	-0.2	-	-0.1	-0.1	-
Mar	-	-	-	-0.3	-	-0.1	0.4	-0.1
Apr	-	0.1	-0.1	-0.4	0.1	0.3	-0.3	-0.1
May	-0.1	-	-0.2	-0.4	-0.1	0.5	-0.7	-
Jun	-	-	0.1	-0.4	0.4	0.7	-0.4	-0.1
Jul	0.3	0.1	0.5	-0.2	1.2	1.4	-0.4	-
Aug	0.3	-	0.2	-0.5	0.2	1.6	-0.4	0.4
Sep	0.8	0.5	0.8	0.1	0.9	2.8	-0.3	0.9
Oct	0.8	1.6	0.3	-1.8	0.1	8.8	-3.5	0.9

# ISCP SA1 INTERNET SALES: VALUE SEASONALLY ADJUSTED PERCENTAGE CHANGE ON SAME MONTH A YEAR EARLIER

Predominantly non-food stores

	All retailing excluding automotive fuel AGG 21X	Predominantly food stores AGG 1	Total AGG 12	Non-specialised stores 47.19	Textile, clothing and footwear stores AGG 5	Household goods stores AGG 7	Other stores AGG 13	Non-store retailing AGG 14
<b>Percentage change on same month a year earlier</b>								
2016 Jan	KP8H 16.2	KP8D 12.2	KP8E 13.3	KP8C 27.0	KP8I 10.1	KP8J 34.8	KP8F -5.3	KP8G 19.5
Feb	13.9	9.8	13.4	24.0	13.2	31.2	-5.4	15.6
Mar	13.1	6.9	11.6	19.5	3.7	38.9	0.7	16.2
Apr	14.2	13.6	17.1	23.3	4.7	44.0	15.6	12.4
May	20.4	19.1	16.6	25.9	12.5	41.3	-0.5	23.4
Jun	17.9	14.7	17.0	17.0	-0.9	43.9	32.8	19.4
Jul	18.7	15.1	20.4	19.8	9.4	39.3	26.8	18.6
Aug	24.4	11.8	18.5	15.1	-2.7	55.6	38.4	33.1
Sep	26.8	16.6	18.4	19.8	-0.8	43.3	33.9	36.3
Oct	30.8	25.1	21.8	20.2	7.5	46.9	31.2	39.4
Nov	28.0	27.4	19.0	16.4	8.2	37.5	27.1	35.3
Dec	26.8	15.7	21.1	13.8	12.0	34.8	35.7	34.8
2017 Jan	18.9	18.4	17.9	18.5	13.1	17.8	25.5	19.8
Feb	21.9	16.6	18.5	15.7	16.8	21.3	22.1	25.9
Mar	23.2	21.5	20.8	11.6	26.4	22.6	20.7	25.5
Apr	21.2	20.1	14.9	10.8	10.7	19.2	22.0	26.1
May	15.5	7.9	13.7	2.8	13.2	16.7	24.8	19.0
Jun	18.4	11.2	14.0	15.3	17.4	15.9	6.5	23.6
Jul	18.3	14.4	19.0	9.6	18.7	17.4	30.2	19.0
Aug	17.4	16.6	16.8	22.4	22.6	7.8	10.8	17.9
Sep	12.5	12.0	15.4	12.9	25.3	13.9	6.0	10.7
Oct	8.6	9.2	10.9	5.2	19.2	8.9	6.4	6.9
Nov	8.5	6.8	13.1	-0.2	14.5	20.3	20.5	5.8
Dec	11.5	7.9	15.9	10.4	19.2	4.8	26.1	9.6
2018 Jan	13.8	6.9	17.4	17.2	17.5	20.9	14.9	13.3
Feb	14.6	16.6	15.8	21.9	10.9	19.8	14.0	13.2
Mar	16.1	11.2	21.2	33.0	13.3	25.1	18.5	14.1
Apr	12.7	11.6	18.8	26.3	23.6	11.1	11.2	9.1
May	20.5	17.2	25.6	36.3	23.4	15.8	26.0	18.1
Jun	15.1	14.6	21.1	23.3	18.3	16.3	27.2	11.2
Jul	15.7	9.9	17.9	34.6	17.1	15.1	6.4	15.7
Aug	13.8	5.8	16.5	23.6	12.4	29.2	6.3	14.2
Sep	11.4	2.8	18.5	12.9	20.0	24.4	17.4	8.9
Oct	13.1	3.4	19.1	14.3	13.7	32.3	22.3	11.6
Nov	13.0	2.9	15.6	15.8	19.9	23.8	3.0	13.9
<b>Revision to percentage change on same month a year earlier</b>								
2016 Jan	-	-	-0.1	0.1	-	-0.2	-0.2	-
Feb	-0.1	-	-	-0.1	-	-0.1	-	-0.1
Mar	-	-	-	-0.1	-	0.2	-	-
Apr	-	-	-0.1	-0.1	-	-	0.1	-
May	0.1	-	-	-	-	0.1	0.1	-0.1
Jun	-	-	-	-	-	0.1	0.1	-
Jul	-	-	-	0.1	-0.1	-	-	0.1
Aug	0.1	-	-	-0.1	-	-0.1	-	0.1
Sep	-	-	-	-	0.1	0.1	-	-
Oct	0.1	-0.1	0.2	0.2	0.2	-	0.3	0.1
Nov	-0.2	-	-0.3	-0.1	-0.3	-	-0.6	-0.1
Dec	-	-	-	0.2	-	-0.1	-	-
2017 Jan	-	-	-	0.2	-	-0.2	-	-
Feb	-	-	-	0.1	-	-0.1	-0.1	-
Mar	-	-	0.1	-	-	-	0.2	-
Apr	-	-	-	-	-	-	-	-
May	-	-	-	-	-	0.1	-0.1	-
Jun	-	-	-	-	-	-	-0.1	-
Jul	-	-	-	0.1	-0.1	-	-0.2	-
Aug	0.1	0.1	-	-	0.1	0.2	-0.2	-
Sep	-	-	-	-	-	0.1	-0.1	-
Oct	0.1	-	0.2	0.2	0.2	0.2	0.1	0.1
Nov	-0.2	-0.1	-0.3	-0.2	-0.3	-	-0.1	-0.1
Dec	-0.1	-	-0.2	0.2	0.1	-0.2	-1.2	-
2018 Jan	-	-	-	0.2	-	-0.1	-	-
Feb	-	-	-	-	-	-0.1	-	-
Mar	-	0.1	-	-0.1	-	0.1	-0.2	-
Apr	-0.1	-	-0.1	-0.1	-	-	-	-
May	-0.1	-	-0.2	-0.1	-0.2	-	-0.5	-
Jun	-	-	0.1	-	0.4	-0.2	0.1	-0.2
Jul	0.2	-	0.6	-	1.4	0.4	0.2	-
Aug	0.1	-0.2	0.1	-	-	0.4	0.1	0.3
Sep	0.7	0.3	0.8	0.7	0.6	1.3	0.9	0.7
Oct	0.5	1.6	-0.4	-1.6	-0.6	5.8	-3.5	0.6

# ISCPA2 INTERNET SALES INDEX: VALUE SEASONALLY ADJUSTED PERCENTAGE CHANGE ON PREVIOUS MONTH

	All retailing excluding automotive fuel <sup>1</sup>	Predominantly non-food stores						
		Predominantly food stores	Total	Non-specialised stores	Textile, clothing and footwear stores	Household goods stores	Other stores	Non store retailing
	KP8P	KP8L	KP8M	KP8K	KP8Q	KP8R	KP8N	KP8O
2012 Dec	6.8	-1.0	8.2	8.2	17.6	-5.2	4.4	8.3
2013 Jan	1.6	6.9	-2.5	3.4	-3.9	-1.2	-5.7	3.1
Feb	1.5	-2.1	3.6	-4.4	4.9	-1.3	10.8	1.1
Mar	4.0	1.9	6.6	-0.5	9.8	22.1	1.2	2.7
Apr	-2.3	-3.0	-1.2	1.0	-6.0	-5.9	5.9	-2.9
May	0.7	3.0	0.9	1.0	0.1	-0.6	2.4	-0.2
Jun	1.4	-0.2	-0.3	15.1	0.6	1.5	-12.2	3.2
Jul	0.5	3.6	0.2	-3.7	0.3	-5.8	6.5	-0.3
Aug	2.0	-2.0	1.1	2.5	-3.6	5.5	3.9	3.9
Sep	0.9	2.5	4.3	4.6	13.2	-2.7	-2.9	-2.1
Oct	0.3	1.5	-1.7	4.9	-8.1	-3.5	2.2	1.6
Nov	-2.3	0.1	-4.2	-4.0	2.1	-19.4	-5.3	-1.6
Dec	3.8	0.1	9.3	11.5	4.9	39.7	1.9	0.8
2014 Jan	-1.5	0.5	-4.1	-16.5	-0.1	-2.3	1.5	0.1
Feb	5.8	5.9	0.6	5.8	2.5	-14.3	1.4	9.9
Mar	0.1	-0.1	1.4	0.1	2.4	8.7	-1.9	-0.8
Apr	2.4	0.4	1.6	8.0	-1.1	5.7	-2.0	3.7
May	2.2	0.3	2.1	-4.2	9.6	3.0	-3.1	2.9
Jun	-0.4	1.2	1.9	-	-0.6	3.3	6.7	-2.4
Jul	1.0	0.4	1.1	3.5	0.4	3.7	-1.2	1.1
Aug	1.2	-0.4	2.7	4.6	7.3	3.5	-6.5	0.5
Sep	-2.5	3.4	-3.7	-6.5	-3.4	-5.5	-0.5	-3.4
Oct	2.2	-0.4	0.8	2.3	-5.8	10.4	4.9	4.2
Nov	2.2	-0.4	1.0	10.9	2.0	-20.9	3.7	3.8
Dec	-0.4	-5.5	0.7	-9.1	2.3	12.0	2.7	0.4
2015 Jan	2.3	10.1	0.8	-1.8	-0.3	10.9	-0.5	1.2
Feb	0.7	-0.5	2.4	3.9	-1.7	6.9	4.9	-0.2
Mar	1.0	3.1	-0.3	3.7	1.3	-4.9	-3.2	1.3
Apr	3.4	-3.7	1.5	-	6.3	2.0	-4.3	6.9
May	-2.3	2.5	-0.1	2.6	-4.8	3.4	2.8	-5.3
Jun	3.8	3.1	3.6	3.8	13.8	1.7	-10.7	4.3
Jul	0.8	0.2	-2.7	-0.2	-8.5	4.6	0.6	3.4
Aug	-2.8	3.7	3.6	-1.2	12.5	-3.5	-1.7	-9.0
Sep	2.9	-0.6	1.3	7.2	-5.3	6.4	4.2	5.4
Oct	-	-3.8	1.5	3.5	0.1	1.9	1.3	0.2
Nov	4.3	1.3	6.1	12.4	2.2	9.0	3.9	3.8
Dec	-1.1	10.4	-4.5	-6.4	-4.0	4.0	-9.3	-1.9
2016 Jan	4.8	-3.4	0.7	-3.7	0.3	-0.4	8.0	10.6
Feb	-1.3	-2.7	2.5	1.5	1.1	4.1	4.8	-3.5
Mar	0.3	0.5	-1.8	-0.1	-7.1	0.7	3.0	1.8
Apr	4.4	2.4	6.6	3.1	7.2	5.8	9.8	3.4
May	2.9	7.5	-0.5	4.8	2.3	1.4	-11.5	4.0
Jun	1.7	-0.7	3.9	-3.5	0.2	3.6	19.1	0.9
Jul	1.5	0.5	0.1	2.2	1.0	1.2	-3.9	2.7
Aug	1.9	0.8	1.9	-5.1	-	7.8	7.4	2.2
Sep	5.0	3.7	1.2	11.5	-3.5	-2.0	0.8	7.9
Oct	3.2	3.2	4.3	3.9	8.5	4.5	-0.8	2.5
Nov	2.1	3.1	3.7	8.8	2.9	2.0	0.6	0.8
Dec	-2.1	0.3	-2.8	-8.6	-0.6	2.0	-3.1	-2.3
2017 Jan	-1.7	-1.2	-2.0	0.3	1.3	-12.9	-0.2	-1.6
Feb	1.2	-4.1	3.0	-0.9	4.4	7.2	2.0	1.4
Mar	1.4	4.7	-	-3.6	0.5	1.7	1.8	1.5
Apr	2.7	1.1	1.4	2.3	-6.1	2.8	11.0	3.9
May	-2.0	-3.4	-1.6	-2.7	4.7	-0.8	-9.4	-1.8
Jun	4.2	2.4	4.2	8.2	3.8	2.9	1.7	4.8
Jul	1.4	3.4	4.5	-2.8	2.2	2.5	17.4	-1.2
Aug	1.0	2.7	0.1	5.9	3.3	-1.0	-8.6	1.3
Sep	0.6	-0.3	-	2.8	-1.3	3.6	-3.7	1.3
Oct	-0.3	0.6	0.3	-3.1	3.2	-0.1	-0.4	-1.0
Nov	2.0	0.8	5.7	3.2	-1.3	12.6	14.0	-0.3
Dec	0.6	1.4	-0.4	1.1	3.4	-11.2	1.4	1.2
2018 Jan	0.3	-2.1	-0.7	6.5	-0.1	0.5	-9.1	1.7
Feb	1.8	4.6	1.6	3.0	-1.5	6.2	1.2	1.3
Mar	2.8	-0.2	4.7	5.3	2.7	6.2	5.9	2.3
Apr	-0.3	1.5	-0.6	-2.9	2.5	-8.6	4.1	-0.7
May	4.8	1.5	4.0	5.1	4.4	3.4	2.6	6.3
Jun	-0.5	-	0.5	-2.1	-0.4	3.4	2.7	-1.3
Jul	1.9	-0.8	1.7	6.1	1.1	1.5	-1.7	2.8
Aug	-0.5	-1.2	-1.0	-2.8	-0.8	11.1	-8.7	-
Sep	-1.6	-3.1	1.7	-6.1	5.4	-0.2	6.4	-3.4
Oct	1.2	1.1	0.8	-2.0	-2.2	6.2	3.7	1.4
Nov	1.9	0.4	2.6	4.5	4.1	5.4	-4.0	1.8

# ISCPA3 INTERNET SALES: VALUE SEASONALLY ADJUSTED

## INTERNET SALES AS A PROPORTION OF ALL RETAILING

Predominantly non-food stores

	All retailing excluding automotive fuel	Predominantly food stores	Total	Non-specialised stores	Textile, clothing and footwear stores	Household goods stores	Other stores	Non-store retailing
	AGG 21X	AGG 1	AGG 12	47.19	AGG 5	AGG 7	AGG 13	AGG 14
<b>Internet sales as a proportion of all retailing</b>								
	MS6Y	MS72	MS73	MS6Z	MS76	MS77	MS74	MS75
2016 Jan	13.6	4.5	10.1	11.7	13.2	8.3	7.3	78.7
Feb	13.4	4.3	10.3	11.9	13.4	8.6	7.6	76.7
Mar	13.5	4.4	10.3	12.2	12.8	9.0	7.7	75.5
Apr	14.1	4.5	10.8	12.3	13.4	9.6	8.2	80.1
May	14.3	4.8	10.6	12.7	13.6	9.3	7.4	77.3
Jun	14.6	4.8	11.2	12.9	13.8	10.0	8.6	78.1
Jul	14.6	4.8	10.9	12.7	13.2	9.8	8.2	78.4
Aug	14.9	4.8	11.3	12.0	13.7	11.0	9.0	78.3
Sep	15.5	4.9	11.4	13.1	13.4	10.7	8.9	81.9
Oct	15.7	5.1	11.6	13.8	13.6	10.8	8.6	81.5
Nov	16.1	5.2	12.1	14.9	14.5	10.7	8.9	80.6
Dec	15.9	5.3	11.9	13.8	14.5	11.3	8.5	79.1
2017 Jan	15.7	5.2	11.7	14.0	14.4	10.1	8.7	77.2
Feb	15.6	4.9	11.8	13.8	14.9	10.6	8.6	78.2
Mar	15.8	5.1	11.9	13.1	14.6	10.7	9.3	78.1
Apr	16.1	5.2	11.9	13.5	13.8	10.6	9.8	79.2
May	15.9	5.1	11.9	13.2	14.5	11.2	8.9	80.2
Jun	16.4	5.2	12.1	14.0	14.8	11.2	8.8	79.7
Jul	16.6	5.3	12.6	13.5	15.1	11.3	10.4	79.2
Aug	16.6	5.5	12.5	14.2	15.5	11.5	9.1	77.6
Sep	16.7	5.4	12.7	14.7	15.3	11.7	9.4	74.7
Oct	16.6	5.4	12.6	14.3	16.0	11.4	9.0	76.6
Nov	16.8	5.4	13.2	14.7	15.7	12.8	10.2	76.2
Dec	17.0	5.5	13.3	14.8	16.5	11.8	10.4	78.4
2018 Jan	17.0	5.4	13.1	15.6	16.4	11.8	9.3	78.6
Feb	17.2	5.6	13.3	16.2	16.3	12.2	9.5	77.7
Mar	17.8	5.6	14.1	17.1	16.8	12.9	10.3	79.2
Apr	17.6	5.6	13.9	16.7	17.2	11.5	10.6	78.2
May	18.1	5.6	14.2	17.2	17.5	11.8	10.8	80.4
Jun	18.1	5.7	14.4	16.8	17.6	12.2	11.2	79.3
Jul	18.2	5.6	14.5	17.9	17.4	12.7	10.8	78.3
Aug	18.0	5.5	14.1	17.3	17.6	13.4	9.5	78.0
Sep	17.8	5.4	14.3	16.4	18.3	13.2	10.1	76.0
Oct	18.1	5.5	14.6	16.1	18.2	14.4	10.7	77.0
Nov	18.2	5.5	14.6	16.9	18.8	14.4	9.9	77.0
<b>Revision to Internet sales as a proportion of all retailing</b>								
2016 Jan	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-0.1
Mar	-	-	-	-0.1	-	-	-	-
Apr	-	-	-	-	-	-	-	0.2
May	-	-	-	-	-	-	-	-0.1
Jun	-	-	-	-	-	-	-	0.1
Jul	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-0.1
Sep	-	-	-0.1	-0.1	-	-	-0.1	-0.1
Oct	-	-	0.1	-	-	0.1	-	-
Nov	-	-	0.1	0.4	-	-0.3	0.2	0.1
Dec	-	-	-	-	-	-	-	-
2017 Jan	-	-	-	-	-	-	-	0.1
Feb	-	-	-	-	-	0.1	-	-
Mar	-	-	-	-	-	-	0.1	-
Apr	-	-	-	-	-	-	-	0.2
May	-0.1	-	-	-0.1	0.1	0.1	-	-0.1
Jun	-	-	-	-0.1	-	-	-	0.1
Jul	-	-	-	-	-	0.1	-0.1	-
Aug	-	-	-	-0.1	-	-	-0.1	-0.1
Sep	-	-	-	-0.1	-	-	-0.2	-0.2
Oct	0.1	-	0.1	-	0.1	0.1	-	-
Nov	-	-0.1	-	0.3	-0.1	-0.4	0.2	0.2
Dec	-	-	-	-	-	-	-	0.1
2018 Jan	-	-	-	-	-	-0.1	-	0.1
Feb	-	-	-	-0.1	-	-	-	0.1
Mar	-	-	-	-	-	-	-	0.1
Apr	-	-	-	-	-	0.1	-	-0.1
May	-	-	-	-0.1	-	-	-	0.1
Jun	-	0.1	-	-	-	-	-0.1	-0.2
Jul	-	-	-	-	0.1	0.1	-	-
Aug	-	-	-	-0.1	0.1	-	-0.1	0.1
Sep	0.1	-	-	-0.1	0.1	0.2	-0.1	0.4
Oct	0.1	0.1	-	-0.3	-	0.8	-0.3	0.2



# INTERNET INTERNET RETAIL SALES (Non-seasonally adjusted)

	Average weekly value for all retailing (£ million)	Average weekly value for Internet retail sales (£ million)	Internet sales as a percentage of total retail sales (%)
	JE4W	JE2J	J4MC
2013 Nov	6 806.7	827.0	12.1
Dec	8 165.4	960.4	11.8
2014 Jan	5 680.1	629.4	11.1
Feb	5 789.4	620.2	10.7
Mar	5 969.9	646.7	10.8
Apr	6 238.4	661.5	10.6
May	6 232.7	680.8	10.9
Jun	6 317.0	673.4	10.7
Jul	6 318.3	670.6	10.6
Aug	6 141.8	655.0	10.7
Sep	6 121.8	667.5	10.9
Oct	6 474.8	742.2	11.5
Nov	7 226.8	989.9	13.7
Dec	8 318.2	1 067.4	12.8
2015 Jan	5 861.5	750.9	12.8
Feb	5 919.2	691.0	11.7
Mar	6 219.3	727.7	11.7
Apr	6 223.6	756.3	12.2
May	6 369.6	744.6	11.7
Jun	6 422.7	766.8	11.9
Jul	6 442.4	758.9	11.8
Aug	6 189.0	711.9	11.5
Sep	6 323.2	763.7	12.1
Oct	6 538.7	828.4	12.7
Nov	7 331.9	1 137.7	15.5
Dec	8 223.3	1 157.2	14.1
2016 Jan	6 003.6	854.4	14.2
Feb	6 017.3	776.5	12.9
Mar	6 231.0	811.7	13.0
Apr	6 336.9	854.0	13.5
May	6 548.6	890.5	13.6
Jun	6 479.7	898.5	13.9
Jul	6 665.8	894.2	13.4
Aug	6 442.3	879.6	13.7
Sep	6 496.9	960.5	14.8
Oct	6 943.1	1 076.8	15.5
Nov	7 758.7	1 460.5	18.8
Dec	8 788.7	1 505.6	17.1
2017 Jan	6 111.3	992.4	16.2
Feb	6 263.9	949.0	15.2
Mar	6 450.0	1 009.1	15.6
Apr	6 851.5	1 042.7	15.2
May	6 775.5	1 043.1	15.4
Jun	6 819.3	1 078.9	15.8
Jul	6 932.4	1 074.4	15.5
Aug	6 796.1	1 046.7	15.4
Sep	6 795.9	1 090.7	16.0
Oct	7 151.8	1 179.7	16.5
Nov	8 096.2	1 608.4	19.9
Dec	9 170.5	1 641.7	17.9
2018 Jan	6 345.6	1 125.0	17.7
Feb	6 507.7	1 092.5	16.8
Mar	6 796.7	1 174.6	17.3
Apr	6 874.7	1 176.5	17.1
May	7 207.4	1 261.9	17.5
Jun	7 114.6	1 245.6	17.5
Jul	7 294.2	1 247.8	17.1
Aug	7 133.6	1 194.8	16.7
Sep	7 101.2	1 215.0	17.1
Oct	7 384.4	1 335.3	18.1
Nov	8 452.1	1 819.6	21.5

# IDEF IMPLIED PRICE DEFLATOR

## Non-seasonally adjusted index

2016=100

	All retailing including automotive fuel <sup>1</sup>	All retailing excluding automotive fuel <sup>1</sup>	Predominantly non-food stores							Predominantly automotive fuel <sup>1</sup>
			Predominantly food stores	Total	Non-specialised stores	Textile, clothing and footwear stores	Household goods stores	Other stores	Non store retailing	
	AGG 21	AGG 21X	AGG 1	AGG 12	47.19	AGG 5	AGG 7	AGG 13	AGG 14	47.30
	N3DK	N3DL	N3DM	N3DN	N3DO	N3DP	N3DQ	N3DR	N3DS	N3DT
2012 Dec	104.2	102.5	101.5	103.7	104.1	101.1	105.4	104.4	103.2	120.6
2013 Jan	103.4	101.6	102.2	101.1	102.2	96.5	103.6	103.0	101.9	120.6
Feb	104.7	102.6	102.8	102.4	103.3	98.4	105.1	103.9	103.1	123.9
Mar	105.1	103.0	102.5	103.4	103.8	100.2	106.1	104.3	104.3	125.7
Apr	104.9	103.0	103.1	102.7	103.3	100.0	104.4	104.1	103.5	123.5
May	104.9	103.3	103.3	103.2	103.5	101.1	104.8	104.2	103.4	121.0
Jun	104.4	102.7	102.8	102.6	103.0	99.6	104.8	103.8	102.6	121.7
Jul	103.8	102.0	103.0	101.0	101.9	96.9	103.4	102.9	101.5	122.3
Aug	104.7	102.7	103.4	102.1	103.0	98.6	104.7	103.3	102.0	124.0
Sep	105.5	103.7	103.8	103.6	104.1	101.8	105.1	104.0	103.5	123.7
Oct	105.4	103.8	103.9	103.8	103.9	102.6	104.8	104.5	104.3	120.2
Nov	105.3	103.9	103.9	103.8	104.3	103.3	104.6	103.8	104.2	118.9
Dec	105.3	103.8	103.8	104.0	104.2	102.5	105.7	103.8	104.0	119.4
2014 Jan	104.2	102.6	104.1	101.2	102.4	98.0	102.9	102.2	101.7	118.9
Feb	104.8	103.5	104.5	102.4	103.5	99.1	105.2	102.8	103.3	118.4
Mar	105.1	103.9	104.5	103.2	104.1	100.5	105.6	103.7	103.9	118.1
Apr	104.8	103.6	104.2	102.8	103.5	101.1	104.1	103.2	103.7	118.0
May	104.8	103.4	103.8	103.0	103.5	101.0	104.8	103.2	103.7	118.5
Jun	104.9	103.4	103.9	103.0	103.4	101.4	105.1	103.1	103.6	118.6
Jul	103.5	101.8	103.3	100.6	101.8	96.6	103.3	102.0	102.0	119.3
Aug	104.1	102.6	103.5	101.8	102.4	98.7	103.8	102.9	102.9	117.7
Sep	104.4	103.2	103.6	102.9	103.2	101.8	104.1	102.7	103.5	117.1
Oct	104.3	103.2	103.6	102.7	102.9	102.1	103.0	103.0	103.7	115.0
Nov	103.9	102.9	103.0	102.7	102.7	102.7	102.6	102.8	103.0	112.4
Dec	103.6	102.8	103.0	102.5	102.6	101.9	103.3	102.4	103.0	107.7
2015 Jan	101.2	101.4	102.7	100.2	101.0	98.5	100.6	100.9	100.7	100.8
Feb	101.5	101.7	102.7	101.1	101.7	99.8	102.0	101.1	101.0	99.8
Mar	102.0	101.9	102.5	101.5	102.0	99.7	102.6	101.7	101.4	102.8
Apr	101.9	101.5	102.3	101.0	101.6	100.2	101.7	101.1	101.1	104.4
May	102.2	101.6	102.3	101.2	101.7	100.6	101.8	101.2	101.2	106.3
Jun	102.0	101.5	102.1	101.2	101.4	100.3	102.3	100.9	100.7	107.0
Jul	100.8	100.2	101.4	99.3	100.0	97.3	100.1	100.1	99.9	106.4
Aug	101.0	100.8	101.5	100.2	100.8	98.5	101.4	100.5	100.1	103.5
Sep	101.1	101.3	101.7	101.1	101.3	100.8	101.8	100.9	100.7	100.6
Oct	101.3	101.5	101.3	101.5	101.6	102.2	100.9	101.6	101.7	99.8
Nov	101.0	101.2	100.9	101.3	101.1	102.2	100.5	100.8	101.6	98.7
Dec	100.6	100.7	100.5	100.8	100.7	101.1	100.6	100.5	101.0	96.0
2016 Jan	99.2	99.8	100.5	99.0	99.5	98.2	98.8	99.5	99.4	93.7
Feb	99.3	100.1	100.5	99.8	100.0	99.4	100.1	99.9	99.6	92.9
Mar	99.6	100.3	100.2	100.3	100.5	100.2	101.1	99.9	100.0	94.0
Apr	99.6	99.9	100.1	99.8	99.9	99.9	99.7	99.5	99.3	97.0
May	99.7	99.8	99.9	99.6	99.8	99.7	99.7	99.6	99.2	99.4
Jun	99.7	99.6	99.6	99.5	99.4	99.1	99.8	99.8	99.4	101.5
Jul	99.0	98.7	99.3	98.0	98.4	96.3	98.6	98.9	98.8	102.1
Aug	99.3	99.2	99.7	98.7	99.0	97.2	99.6	99.4	98.7	100.9
Sep	100.3	100.1	100.0	100.4	100.0	101.2	100.0	100.0	100.0	102.0
Oct	100.8	100.3	99.9	100.8	100.7	101.5	100.2	100.6	100.5	104.3
Nov	101.2	100.8	100.0	101.3	100.9	102.8	100.2	101.1	101.2	105.7
Dec	101.3	101.0	100.3	101.3	100.8	102.1	101.5	100.8	101.4	105.3
2017 Jan	100.9	100.1	100.8	99.4	100.0	98.4	99.3	100.1	99.7	108.8
Feb	102.1	101.1	101.5	100.8	100.9	99.6	101.3	101.4	101.1	109.9
Mar	102.7	102.0	102.1	101.9	101.8	101.4	102.3	102.2	101.9	109.2
Apr	102.5	101.8	102.2	101.6	101.3	102.3	101.3	101.5	101.6	107.8
May	102.8	102.3	102.5	102.3	101.9	102.7	102.4	102.2	102.2	106.7
Jun	102.4	102.1	102.2	101.9	101.6	101.8	102.6	101.9	102.0	105.6
Jul	101.7	101.3	102.2	100.5	100.5	99.3	101.3	101.1	101.5	104.4
Aug	102.3	101.9	102.3	101.8	101.6	101.2	103.0	101.5	101.9	106.0
Sep	103.6	103.1	102.8	103.4	102.2	104.5	103.5	102.5	103.4	108.1
Oct	103.8	103.4	103.2	103.3	102.6	104.7	102.8	102.9	103.7	107.8
Nov	104.4	103.8	103.6	103.9	102.9	105.8	102.9	103.3	104.4	109.5
Dec	104.3	103.8	103.9	103.8	102.8	105.2	103.8	103.2	104.0	110.3
2018 Jan	103.7	103.0	104.1	101.8	101.7	101.6	101.4	102.3	102.8	111.2
Feb	104.7	103.9	104.4	103.2	102.7	103.2	103.7	103.1	104.1	111.1
Mar	104.6	104.0	104.7	103.5	102.7	103.9	103.9	103.4	104.3	109.8
Apr	104.6	104.0	104.5	103.3	102.5	104.1	103.6	103.1	104.0	111.1
May	105.3	104.2	104.7	103.7	102.8	104.3	103.9	103.5	104.7	115.1
Jun	104.8	103.4	104.2	102.8	102.1	102.4	104.2	102.7	103.5	117.5
Jul	103.7	102.4	104.1	100.8	100.9	99.2	101.9	101.8	102.5	116.8
Aug	104.7	103.2	104.3	102.4	102.1	101.8	103.4	102.3	103.1	117.9
Sep	105.4	104.1	104.4	103.5	102.8	104.4	103.6	102.9	104.1	119.3
Oct	105.4	103.9	104.3	103.5	103.1	104.2	103.7	102.7	104.7	120.2
Nov	105.6	104.4	104.6	104.0	103.5	105.5	103.8	103.3	105.0	118.9

1 Predominantly automotive fuel also includes sale of fuel by supermarkets.

# ID1 IMPLIED PRICE DEFLATOR

## Year on year percentage change

	All retailing including automotive fuel <sup>1</sup>	All retailing excluding automotive fuel <sup>1</sup>	Predominantly non-food stores							Predominantly automotive fuel <sup>1</sup>
			Predominantly food stores	Total	Non-specialised stores	Textile, clothing and footwear stores	Household goods stores	Other stores	Non store retailing	
	AGG 21	AGG 21X	AGG 1	AGG 12	47.19	AGG 5	AGG 7	AGG 13	AGG 14	47.30
	J5HW	J3VA	A4VJ	A4VK	A4VL	A4VM	A4VN	A4VO	J5HU	J3UX
2012 Dec	1.9	1.9	3.4	0.7	0.9	1.1	0.6	0.1	0.5	0.2
2013 Jan	1.7	2.0	4.0	-	0.2	0.6	-0.4	-0.3	0.5	-0.3
Feb	1.5	1.5	3.5	-0.2	-0.1	-	-0.2	-0.6	-	1.1
Mar	1.3	1.5	3.3	-0.3	-0.1	0.1	-1.0	-0.5	0.7	0.5
Apr	0.9	1.4	3.6	-0.5	-0.2	-	-1.4	-0.6	-0.2	-3.1
May	1.2	1.7	3.7	-0.1	0.1	1.0	-1.4	-0.5	0.3	-2.3
Jun	1.9	2.0	3.6	0.7	0.8	3.0	-1.5	-0.2	0.9	1.3
Jul	2.1	2.0	3.7	0.4	0.5	2.4	-1.6	-0.2	0.6	2.6
Aug	1.8	1.9	3.7	0.4	0.6	1.7	-0.7	-0.4	0.3	1.5
Sep	1.3	1.6	3.6	-	0.1	1.3	-1.2	-0.7	0.2	-1.2
Oct	1.0	1.6	3.4	-	0.3	1.1	-1.0	-0.5	0.6	-3.6
Nov	0.9	1.4	2.8	0.1	0.2	1.1	-0.7	-0.6	1.1	-3.1
Dec	1.1	1.3	2.3	0.3	0.1	1.5	0.3	-0.7	0.8	-1.0
2014 Jan	0.7	0.9	2.0	0.1	0.1	1.4	-0.8	-0.6	-	-1.4
Feb	0.2	0.8	1.8	-	0.2	0.7	0.1	-1.0	0.3	-4.5
Mar	-	0.8	2.0	-0.1	0.3	0.2	-0.5	-0.6	-0.3	-5.9
Apr	-0.1	0.5	1.0	-	0.1	1.0	-0.3	-1.0	0.2	-4.5
May	-0.1	0.1	0.5	-0.3	-0.1	-0.1	-	-0.9	0.3	-2.2
Jun	0.4	0.7	1.0	0.5	0.3	1.9	0.3	-0.6	1.0	-2.6
Jul	-0.4	-0.1	0.2	-0.4	-0.2	-0.3	-0.1	-0.8	0.3	-2.5
Aug	-0.7	-0.1	0.1	-0.3	-0.4	0.2	-0.7	-0.5	0.8	-5.1
Sep	-1.0	-0.5	-0.2	-0.8	-0.7	-	-0.9	-1.3	-	-5.4
Oct	-1.0	-0.7	-0.2	-1.1	-1.0	-0.4	-1.7	-1.4	-0.5	-4.3
Nov	-1.4	-1.0	-0.8	-1.2	-1.6	-0.5	-2.0	-0.9	-1.2	-5.4
Dec	-1.7	-0.9	-0.7	-1.4	-1.5	-0.6	-2.4	-1.3	-1.0	-9.8
2015 Jan	-2.8	-1.2	-1.5	-1.0	-1.3	0.6	-2.2	-1.3	-1.2	-15.2
Feb	-3.2	-1.7	-1.9	-1.3	-1.8	0.7	-3.1	-1.6	-2.3	-15.6
Mar	-3.0	-1.9	-1.9	-1.7	-2.0	-0.7	-2.7	-1.9	-2.5	-12.9
Apr	-2.9	-1.9	-1.9	-1.7	-1.8	-0.9	-2.4	-1.9	-2.4	-11.6
May	-2.5	-1.6	-1.5	-1.6	-1.8	-0.3	-2.9	-1.9	-2.5	-10.3
Jun	-2.7	-1.8	-1.6	-1.9	-1.9	-1.2	-2.5	-2.1	-2.8	-9.8
Jul	-2.6	-1.6	-1.9	-1.3	-1.6	0.8	-3.1	-1.9	-2.0	-10.8
Aug	-2.9	-1.8	-1.8	-1.5	-1.7	-0.2	-2.4	-2.2	-2.6	-12.1
Sep	-3.2	-1.9	-1.9	-1.7	-1.9	-1.0	-2.3	-1.8	-2.6	-14.0
Oct	-3.0	-1.7	-2.3	-1.1	-1.3	-	-2.1	-1.3	-2.1	-13.2
Nov	-2.8	-1.7	-2.0	-1.4	-1.4	-0.5	-1.9	-1.9	-1.5	-12.2
Dec	-2.9	-2.0	-2.5	-1.7	-1.9	-0.8	-2.4	-1.8	-1.9	-10.8
2016 Jan	-2.1	-1.6	-2.1	-1.1	-1.4	-0.2	-1.7	-1.5	-1.1	-7.0
Feb	-2.1	-1.6	-2.0	-1.2	-1.7	-0.4	-1.9	-1.2	-1.3	-6.9
Mar	-2.3	-1.6	-2.2	-1.0	-1.6	0.5	-1.5	-1.0	-1.4	-8.7
Apr	-2.2	-1.7	-2.0	-1.3	-1.7	-0.3	-1.8	-1.5	-1.8	-7.1
May	-2.4	-1.9	-2.3	-1.6	-1.9	-1.0	-2.0	-1.6	-1.9	-6.4
Jun	-2.2	-1.9	-2.4	-1.6	-1.8	-1.1	-2.5	-1.1	-1.3	-5.2
Jul	-1.8	-1.6	-2.0	-1.3	-1.6	-1.0	-1.4	-1.2	-1.1	-4.0
Aug	-1.7	-1.6	-1.8	-1.5	-1.8	-1.4	-1.7	-1.2	-1.5	-2.4
Sep	-0.8	-1.2	-1.6	-0.7	-1.2	0.4	-1.7	-0.8	-0.8	1.4
Oct	-0.5	-1.1	-1.4	-0.8	-1.0	-0.6	-0.7	-1.1	-1.0	4.5
Nov	0.2	-0.4	-0.9	0.1	-0.3	0.6	-0.4	0.3	-0.3	7.0
Dec	0.7	0.2	-0.2	0.5	0.2	1.0	0.7	0.3	0.4	9.6
2017 Jan	1.8	0.3	0.3	0.4	0.4	0.1	0.5	0.7	0.2	16.0
Feb	2.6	1.0	0.9	1.0	1.0	0.3	1.2	1.4	1.4	18.4
Mar	3.1	1.7	1.9	1.6	1.4	1.2	1.2	2.3	1.9	16.3
Apr	2.9	2.0	2.1	1.9	1.5	2.4	1.6	2.0	2.3	11.0
May	3.1	2.7	2.6	2.7	2.2	3.0	2.7	2.6	3.0	7.3
Jun	2.6	2.5	2.6	2.4	2.1	2.7	2.8	2.2	2.5	4.0
Jul	2.7	2.7	2.9	2.5	2.2	3.0	2.7	2.3	2.8	2.1
Aug	3.1	2.9	2.6	3.1	2.6	4.2	3.5	2.1	3.3	5.0
Sep	3.3	3.0	2.9	2.9	2.2	3.3	3.5	2.5	3.5	6.0
Oct	3.1	3.0	3.5	2.6	1.9	3.1	2.7	2.4	3.1	3.4
Nov	3.1	3.0	3.6	2.5	2.0	3.0	2.8	2.2	3.2	3.6
Dec	3.0	2.9	3.6	2.4	1.9	3.1	2.4	2.3	2.6	4.7
2018 Jan	2.8	2.9	3.4	2.4	1.7	3.3	2.1	2.1	3.1	2.3
Feb	2.5	2.7	2.9	2.4	1.7	3.6	2.3	1.8	3.0	1.0
Mar	1.9	2.1	2.5	1.6	1.0	2.4	1.7	1.1	2.4	0.5
Apr	2.2	2.0	2.3	1.7	1.1	1.8	2.3	1.6	2.4	3.2
May	2.4	1.8	2.2	1.3	0.9	1.5	1.4	1.3	2.4	7.8
Jun	2.3	1.4	1.9	0.8	0.5	0.5	1.5	0.7	1.5	11.2
Jul	2.1	1.1	1.8	0.3	0.3	-	0.5	0.6	1.0	11.9
Aug	2.2	1.3	2.0	0.6	0.5	0.5	0.4	0.8	1.2	11.3
Sep	1.8	0.9	1.6	0.2	0.6	-0.1	0.2	0.4	0.7	10.3
Oct	1.6	0.6	1.0	0.1	0.5	-0.5	0.9	-0.1	1.0	11.4
Nov	1.3	0.5	1.0	0.2	0.5	-0.4	0.9	-	0.6	8.6

1 Predominantly automotive fuel also includes sale of fuel by supermarkets.

# ID2 IMPLIED PRICE DEFLATOR

## Month on month percentage change

	All retailing including automotive fuel <sup>1</sup>	All retailing excluding automotive fuel <sup>1</sup>	Predominantly non-food stores							Predominantly automotive fuel <sup>1</sup>
			Predominantly food stores	Total	Non-specialised stores	Textile, clothing and footwear stores	Household goods stores	Other stores	Non store retailing	
	AGG 21	AGG 21X	AGG 1	AGG 12	47.19	AGG 5	AGG 7	AGG 13	AGG 14	47.30
	J5HV	J3TU	A4RT	A4RU	A4RV	A4RW	A4RX	A4RY	J5HT	J3TJ
2012 Dec	-0.1	-	0.4	-0.1	-	-1.0	0.1	0.1	-	-1.6
2013 Jan	-0.8	-0.8	0.7	-2.5	-1.8	-4.5	-1.6	-1.4	-1.4	-
Feb	1.2	1.0	0.5	1.3	1.1	1.8	1.4	0.9	1.2	2.7
Mar	0.5	0.4	-0.3	0.9	0.5	1.9	0.8	0.4	1.2	1.4
Apr	-0.2	-	0.7	-0.5	-0.5	-0.1	-1.5	-0.2	-0.8	-1.6
May	-	0.3	0.1	0.4	0.2	1.0	0.4	-	-0.1	-2.1
Jun	-0.4	-0.6	-0.5	-0.7	-0.5	-1.5	-0.1	-0.4	-0.7	0.6
Jul	-0.5	-0.6	0.2	-1.5	-1.1	-2.7	-1.2	-0.9	-0.9	0.4
Aug	0.8	0.7	0.4	1.1	1.0	1.7	1.2	0.4	0.3	1.3
Sep	0.8	0.9	0.4	1.5	1.0	3.3	0.4	0.7	1.5	-0.2
Oct	-0.1	0.2	0.1	0.3	-	0.7	-0.3	0.4	0.7	-2.9
Nov	-0.1	-	-	-	0.3	0.7	-0.2	-0.7	-	-1.1
Dec	0.1	-0.1	-0.1	-	-0.1	-0.7	1.0	-	-0.2	0.4
2014 Jan	-1.2	-1.2	0.4	-2.7	-1.8	-4.6	-2.7	-1.3	-2.2	-0.4
Feb	0.7	0.9	0.4	1.2	1.2	1.2	2.3	0.5	1.6	-0.5
Mar	0.3	0.3	-0.1	0.8	0.6	1.5	0.2	0.8	0.5	-0.1
Apr	-0.2	-0.3	-0.3	-0.4	-0.6	0.6	-1.3	-0.6	-0.3	-
May	-0.1	-0.1	-0.4	0.1	-	-0.1	0.7	0.1	0.1	0.3
Jun	0.1	0.1	-	0.1	-0.2	0.5	0.2	-0.1	-0.1	0.2
Jul	-1.3	-1.5	-0.5	-2.4	-1.5	-4.8	-1.7	-1.0	-1.7	0.5
Aug	0.5	0.7	0.2	1.2	0.8	2.2	0.6	0.7	0.9	-1.3
Sep	0.5	0.6	0.1	1.0	0.7	3.2	0.2	-0.2	0.6	-0.5
Oct	-0.1	-	0.1	-0.1	-0.3	0.3	-1.1	0.3	0.3	-1.8
Nov	-0.5	-0.3	-0.6	-	-0.3	0.6	-0.5	-0.2	-0.7	-2.2
Dec	-0.3	-0.1	0.1	-0.2	-	-0.8	0.7	-0.4	-0.1	-4.3
2015 Jan	-2.2	-1.5	-0.4	-2.3	-1.5	-3.4	-2.5	-1.3	-2.4	-6.4
Feb	0.3	0.4	-	0.8	0.6	1.3	1.4	0.2	0.4	-1.0
Mar	0.5	0.1	-0.2	0.4	0.4	-	0.6	0.5	0.4	3.2
Apr	-0.2	-0.3	-0.3	-0.4	-0.5	0.4	-1.0	-0.6	-0.2	1.5
May	0.3	0.1	0.1	0.2	-	0.5	0.2	0.1	-0.1	1.7
Jun	-0.1	-0.1	-0.1	-0.1	-0.3	-0.4	0.6	-0.3	-0.4	0.7
Jul	-1.2	-1.3	-0.8	-1.8	-1.3	-2.9	-2.2	-0.8	-0.8	-0.6
Aug	0.2	0.6	0.2	0.9	0.7	1.3	1.3	0.5	0.3	-2.8
Sep	0.1	0.5	0.1	0.9	0.5	2.3	0.4	0.3	0.6	-2.7
Oct	0.1	0.1	-0.4	0.5	0.4	1.4	-0.9	0.8	0.9	-0.8
Nov	-0.3	-0.3	-0.3	-0.4	-0.4	-	-0.2	-0.8	-0.1	-1.1
Dec	-0.4	-0.4	-0.4	-0.4	-0.5	-1.1	0.1	-0.3	-0.5	-2.7
2016 Jan	-1.4	-1.0	-	-1.7	-1.0	-2.8	-1.8	-1.0	-1.6	-2.4
Feb	0.3	0.4	0.1	0.8	0.3	1.1	1.3	0.4	0.2	-1.0
Mar	0.2	0.1	-0.4	0.5	0.5	0.9	1.0	-0.1	0.3	1.2
Apr	-	-0.4	-0.1	-0.6	-0.5	-0.4	-1.3	-0.3	-0.6	3.3
May	0.1	-0.1	-0.2	-0.1	-0.2	-0.2	-	-	-0.1	2.5
Jun	0.1	-0.1	-0.2	-0.1	-0.2	-0.5	0.1	0.2	0.2	2.1
Jul	-0.8	-0.9	-0.3	-1.6	-1.1	-2.9	-1.1	-0.9	-0.7	0.6
Aug	0.3	0.5	0.4	0.7	0.5	0.9	0.9	0.5	-0.1	-1.2
Sep	1.0	1.0	0.2	1.7	1.1	4.2	0.4	0.7	1.3	1.1
Oct	0.4	0.2	-0.1	0.4	0.6	0.3	0.1	0.5	0.6	2.2
Nov	0.5	0.4	0.2	0.5	0.2	1.2	-	0.5	0.6	1.4
Dec	0.1	0.2	0.3	-	-0.1	-0.7	1.3	-0.2	0.3	-0.4
2017 Jan	-0.4	-0.9	0.5	-1.8	-0.8	-3.6	-2.0	-0.7	-1.8	3.3
Feb	1.1	1.1	0.7	1.4	0.9	1.3	2.0	1.2	1.4	1.2
Mar	0.6	0.8	0.6	1.1	0.9	1.8	1.0	0.8	0.8	-0.7
Apr	-0.3	-0.1	0.1	-0.3	-0.4	0.8	-0.9	-0.6	-0.3	-1.4
May	0.4	0.5	0.3	0.7	0.5	0.5	1.1	0.6	0.6	-0.9
Jun	-0.4	-0.3	-0.2	-0.4	-0.3	-0.8	0.2	-0.2	-0.3	-1.0
Jul	-0.8	-0.7	-	-1.4	-0.9	-2.6	-1.2	-0.8	-0.4	-1.2
Aug	0.7	0.6	0.1	1.2	0.9	2.1	1.7	0.3	0.4	1.5
Sep	1.2	1.1	0.5	1.5	0.7	3.2	0.4	1.1	1.5	2.1
Oct	0.2	0.3	0.5	-	0.3	0.2	-0.6	0.3	0.2	-0.3
Nov	0.5	0.4	0.3	0.5	0.3	1.1	0.1	0.3	0.7	1.5
Dec	-	-	0.3	-0.1	-0.1	-0.7	0.9	-0.1	-0.3	0.7
2018 Jan	-0.6	-0.9	0.2	-1.9	-1.0	-3.4	-2.3	-0.9	-1.2	0.8
Feb	0.8	0.9	0.3	1.4	0.9	1.6	2.2	0.9	1.2	-0.1
Mar	-	0.2	0.2	0.3	0.2	0.6	0.3	0.1	0.3	-1.2
Apr	-	-0.1	-0.1	-0.1	-0.3	0.2	-0.4	-0.2	-0.3	1.2
May	0.6	0.2	0.1	0.3	0.3	0.2	0.2	0.3	0.6	3.5
Jun	-0.4	-0.7	-0.5	-0.8	-0.7	-1.8	0.3	-0.7	-1.2	2.1
Jul	-1.0	-1.0	-0.1	-1.9	-1.1	-3.1	-2.2	-0.9	-1.0	-0.5
Aug	0.9	0.9	0.3	1.5	1.1	2.7	1.6	0.5	0.7	0.9
Sep	0.7	0.7	-	1.2	0.7	2.6	0.2	0.7	1.0	1.2
Oct	-	-	-	-0.1	0.3	-0.3	-	-0.2	0.5	0.6
Nov	0.2	0.4	0.2	0.6	0.4	1.3	0.1	0.5	0.3	-1.0

<sup>1</sup> Predominantly automotive fuel also includes sale of fuel by supermarkets.

# R1 CHAINED VOLUME OF RETAIL SALES SEASONALLY ADJUSTED

Index 2016=100

	All retailing including automotive fuel <sup>1</sup>	All retailing excluding automotive fuel <sup>1</sup>	Predominantly food stores	Predominantly non-food stores						Predominantly automotive fuel <sup>1</sup>
				Total	Non-specialised stores	Textile, clothing and footwear stores	Household goods stores	Other stores	Non-store retailing	
<b>Revisions to index numbers</b>										
2010	-	-	-	-	-	-	-	-	-	-
2011	-	-	-	-	-	-	-	-	-	-
2012	-	-	-	-	-	-	-	-	-	-
2013	-	-	-	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-	-	-	-
2015	-	-	-	-	-	-	-0.1	-	-	-
2016	-	-	-	-	-	-	-	0.1	-	-
2017	-	-	-	-	-	-	-	-	-	-
2015 Q4	-	-	-	-0.1	-	-	-	-0.1	-0.1	-0.1
2016 Q1	-0.1	-	-	-0.1	-0.1	-0.1	-0.1	-	-0.1	-
Q2	-	0.1	-	-	-	0.1	-	0.1	-0.1	-
Q3	0.1	0.1	-	0.1	-	-	0.1	0.1	0.3	0.1
Q4	-	-	-	-0.1	-	-	-0.1	-0.2	-0.1	-0.1
2017 Q1	-0.1	-0.1	-	-	-0.1	-0.1	-	0.1	-0.3	-0.1
Q2	-	-	-	-	0.1	0.1	-	-	-0.1	-
Q3	0.1	0.1	-	0.1	-	-	0.2	0.1	0.6	0.2
Q4	-0.1	-0.1	0.1	-0.1	-0.1	-0.1	-0.2	-0.1	-0.3	-0.2
2018 Q1	-	-	-	0.1	-	0.1	0.1	0.1	-0.6	-0.1
Q2	-	-	-	-	0.1	-0.1	0.1	0.1	-0.1	-
Q3	0.2	0.2	-	0.1	0.2	-	0.3	0.3	0.9	0.1
2015 Nov	-0.1	-0.1	0.1	-0.2	-	-0.2	-0.2	-0.3	-0.2	-0.2
Dec	-	-	-0.1	-	-	-	0.1	-	-	-
2016 Jan	-	-	-	-	-0.1	-	-0.1	0.1	-0.2	0.1
Feb	-	-	-	-	-0.1	-	-0.2	-	-	-
Mar	-	-	0.1	-	0.1	-0.1	-0.1	0.1	-0.1	-
Apr	-	-	-	-	-	-	-	-0.1	-0.5	-
May	-	-	-0.1	0.1	0.2	0.1	-	0.1	-	-
Jun	0.1	-	-	0.1	0.1	0.1	0.1	0.1	-	-
Jul	0.1	0.1	-	0.1	0.1	-0.1	0.2	-	0.5	0.1
Aug	0.1	-	-0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1
Sep	-	-	-0.1	-	-	0.2	-	-	0.4	0.2
Oct	0.1	-	-	-	-0.1	-	-0.1	0.2	0.1	0.1
Nov	-0.2	-0.2	0.1	-0.4	-	-0.2	-0.4	-0.7	-0.4	-0.4
Dec	-	-	-0.1	-	-	-	0.1	-	-0.1	-0.1
2017 Jan	-	-	-	-	-0.2	-	-	-	-0.3	-
Feb	-	-	-	-	-0.1	-	-0.1	0.1	-0.1	-0.1
Mar	-	-	0.1	-	-	-0.1	-0.1	-	-0.3	-
Apr	-0.1	-	-	-	-	0.1	0.1	-0.1	-0.7	-
May	-	-	-	-	0.2	0.1	0.1	-	0.1	-
Jun	-	-	-	0.1	-	0.1	0.1	0.1	0.1	0.1
Jul	0.1	0.1	-	-	0.1	-0.1	0.3	-	0.6	0.1
Aug	0.2	0.1	-	0.2	0.1	0.1	0.4	0.2	0.4	0.2
Sep	0.1	0.1	-0.1	0.1	-0.1	0.2	-	0.2	0.7	0.2
Oct	0.1	0.1	-	0.1	-0.1	-	-	0.4	0.3	0.2
Nov	-0.3	-0.2	0.1	-0.4	0.1	-0.1	-0.8	-0.8	-0.8	-0.7
Dec	-0.1	-	-	-	-	-	0.1	-0.1	-0.4	-0.1
2018 Jan	-0.1	-	-	-	-	0.1	0.1	-0.1	-0.4	-0.1
Feb	-	-	-	0.2	-	0.1	0.1	0.3	-0.5	-0.1
Mar	-	-	-	-	-0.2	-	-	0.2	-0.6	-0.1
Apr	-	-	-	-0.1	-0.2	-	-0.2	-0.1	-0.5	-
May	0.1	0.1	-	0.1	0.4	-0.1	0.2	-	-0.1	-0.1
Jun	0.1	-	-	0.1	0.1	-0.1	0.3	0.2	0.3	0.1
Jul	0.1	0.1	-	0.2	0.2	0.1	0.4	0.1	0.8	-
Aug	0.2	0.3	-	0.3	0.1	-	0.5	0.6	0.8	0.1
Sep	0.1	0.1	-	0.1	0.3	-	-0.1	0.2	0.9	0.1
Oct	0.3	0.2	-0.1	0.3	0.3	0.1	0.2	0.7	0.8	0.5

1 Predominantly automotive fuel also includes sale of fuel by supermarkets

# R1 CHAINED VOLUME OF RETAIL SALES SEASONALLY ADJUSTED

continued

Index 2016=100

	All retailing including automotive fuel <sup>1</sup>	All retailing excluding automotive fuel <sup>1</sup>	Predominantly food stores	Predominantly non-food stores						Predominantly automotive fuel <sup>1</sup>
				Total	Non-specialised stores	Textile, clothing and footwear stores	Household goods stores	Other stores	Non store retailing	
	AGG 21	AGG 21X	AGG 1	AGG 12	47.19	AGG 5	AGG 7	AGG 13	AGG 14	47.30

## Revisions to headline growth rates

### Percentage change latest 3 months on previous 3 months

2015 Nov	-	-	-	-0.2	-	-	-0.1	-0.2	-0.1	-0.2
Dec	-	-0.1	-	-0.1	-	-0.1	-0.1	-0.1	-0.3	-0.2
2016 Jan	-	-0.1	-	-	-	-0.1	-0.1	-0.2	-0.3	-0.2
Feb	-	-	-	-	-	-	-	0.1	-0.1	-
Mar	-	0.1	-	0.1	-0.1	-	-	0.1	-0.1	-
Apr	0.1	-	-	-	-	-	-	0.1	-0.1	-
May	-	-	-	-	0.1	-	-	0.1	-0.1	-
Jun	-	-	-	0.1	0.1	0.1	0.1	-0.1	-	0.1
Jul	0.1	0.1	-	0.1	0.1	-	0.2	0.1	0.4	0.1
Aug	0.1	-	-0.1	0.1	-0.1	-	0.1	-	0.3	0.2
Sep	-	-	-0.1	-	-0.1	-	0.1	-	0.5	0.1
Oct	-	-	-	-	-0.1	-	-0.1	-	0.1	0.1
Nov	-0.1	-0.1	-	-0.1	-	-	-0.3	-0.2	-0.1	-0.2
Dec	-0.1	-0.1	-	-0.1	-	-0.1	-0.2	-0.2	-0.4	-0.3
2017 Jan	-0.2	-0.1	0.1	-0.2	-	-0.2	-0.2	-0.3	-0.4	-0.3
Feb	-	-	-	-	-0.1	-	0.1	0.2	-0.2	-
Mar	0.1	-	-	0.1	-0.1	-	-	0.2	-0.1	0.1
Apr	-	0.1	-	0.1	-	-	0.1	0.2	-	0.1
May	-	-	-	-	0.1	-	-	-	-0.1	-
Jun	-	0.1	-	0.1	0.1	0.1	0.2	-	0.1	0.1
Jul	0.1	0.1	-	0.1	0.1	0.1	0.2	0.1	0.5	0.1
Aug	0.1	0.1	-	0.1	-0.1	0.1	0.3	0.2	0.5	0.2
Sep	0.1	0.1	-0.1	-	-0.1	0.1	0.1	0.1	0.6	0.2
Oct	-	-	-0.1	-	-0.1	0.1	-0.1	0.2	0.2	0.1
Nov	-0.1	-0.1	0.1	-0.2	-0.2	-0.1	-0.4	-0.2	-0.2	-0.2
Dec	-0.2	-0.2	0.1	-0.2	-0.1	-0.2	-0.4	-0.3	-0.7	-0.5
2018 Jan	-0.2	-0.1	0.1	-0.3	0.1	-0.1	-0.3	-0.5	-0.8	-0.5
Feb	-	-	0.1	0.1	0.1	0.1	0.3	0.1	-0.5	-0.1
Mar	0.1	0.1	-	0.2	-0.1	0.1	0.3	0.3	-0.1	0.1
Apr	0.1	-	-0.1	0.2	-0.1	0.1	0.2	0.4	-	0.2
May	-	-	-	-	-	-	-0.1	0.1	-	-
Jun	-	-	-0.1	-0.1	0.2	-0.1	0.1	-0.1	0.4	-
Jul	0.1	0.1	-	0.1	0.3	-0.1	0.3	-	0.8	-
Aug	0.1	0.1	-	0.2	0.2	-	0.3	0.3	0.9	0.1
Sep	0.2	0.2	-	0.1	0.2	0.1	0.1	0.2	0.8	0.1
Oct	0.1	0.1	-0.1	0.1	0.1	0.1	-0.1	0.3	0.4	0.2

### Percentage change latest 3 months on same 3 months a year ago

2015 Nov	-	-	-	-0.1	-	-	-0.1	-	-	-
Dec	-	-	-	-	-	-0.1	-	-	-	-
2016 Jan	-	-	-	-	-	-0.1	-	-0.1	-0.1	-0.1
Feb	-	-	-	0.1	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-	-0.1	-
May	-	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	0.1	-
Aug	-	-	-	0.1	-	0.1	0.1	-	0.1	-
Sep	-	-	-	0.1	-	0.1	-	0.1	0.1	-
Oct	-	0.1	-	0.1	-	-	-	0.1	0.1	0.1
Nov	-0.1	-	-	-	-	-	-	-	0.1	-0.1
Dec	-	-	-	-0.1	-	-	-0.1	-0.1	-0.1	-0.1
2017 Jan	-	-0.1	-	-0.1	-	-	-0.1	-	-0.1	-0.1
Feb	-	-	-	-	-	-	-	-	-0.1	-0.1
Mar	-0.1	-	-	-	-	-	-	-	-0.1	-
Apr	-	-0.1	-	-	-	-	-	-0.1	-0.1	-
May	-	-	-	-	-	-	0.1	-0.1	-0.1	-
Jun	-	-	-	-	-	-	0.1	-	-	-
Jul	-	-	-	-	0.1	-	0.1	-	0.1	-
Aug	0.1	-	-	0.1	-	-	0.1	-	0.1	0.1
Sep	0.1	-	-	0.1	-	-	-	0.1	0.2	-
Oct	0.1	-	-	-	-	-	-	0.2	0.2	0.1
Nov	-	0.1	-	-	-	-	-0.1	0.1	0.1	-
Dec	-	-	0.1	-0.1	-	-	-0.1	-	-0.2	-0.1
2018 Jan	-	-	-	-	0.1	0.1	-	-0.2	-0.3	-0.1
Feb	-	-	-	-	0.1	-	0.2	-	-0.2	-
Mar	-	0.1	-	0.1	-	0.1	0.2	-	-0.2	-
Apr	-	0.1	-	-	-	-	0.1	0.1	-0.1	-
May	-	-	-	-	-0.1	-	0.1	0.1	-0.2	-0.1
Jun	-	-	-	-	-	-0.2	0.1	0.1	0.1	-
Jul	-	-	-	-	0.1	-0.1	0.2	0.1	0.1	-0.1
Aug	-	-	-	-	-	-	0.2	0.2	0.1	-0.1
Sep	-	0.1	-	0.1	0.2	-	-	0.1	0.2	-0.1
Oct	0.1	0.1	-0.1	0.2	0.3	-	-	0.2	0.3	-

1. Predominantly automotive fuel also includes sale of fuel by supermarkets