

## Retail Sales Index

Food \& Beverage Services Index
December 2018

Retail Sales Index<br>Food \& Beverage Services Index ISSN 2591-7390

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## Retail Sales Index

 and
## Food \＆Beverage Services Index

DECEMBER 2018

## Retail Sales Index ${ }^{1}$

Total（excluding motor vehicles）

Total



|  | \％Change in Retail Sales | Year－on－Year |  | Month－on－Month ${ }^{2}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| － | Department Stores ${ }^{3}$ | $\square$ | 1.4 | $\cdots$ | 15.7 |
| ］豊 | Supermarkets \＆Hypermarkets | ， | 0.7 | － | 0.5 |
|  | Mini－marts \＆Convenience Stores | － | 1.1 | $\square$ | 2.4 |
| － | Food Retailers ${ }^{4}$ | － | 2.6 | $\square$ | 2.4 |
| 02 | Motor Vehicles | $\square$ | 20.7 |  | 0.0 |
| 且 | Petrol Service Stations | － | 0.4 | － | 4.4 |
| E | Medical Goods \＆Toiletries | － | 1.8 | ＊ | 4.0 |
|  | Wearing Apparel \＆Footwear | － | 1.4 | ， | 3.0 |
| ry | Furniture \＆Household Equipment | － | 3.9 | － | 7.6 |
| － $2 \times$ | Recreational Goods | － | 5.8 | ＊ | 6.5 |
| － | Watches \＆Jewellery | － | 5.7 | $\square$ | 9.7 |
|  | Computer \＆Telecommunications Equipment | $\square$ | 16.8 | － | 2.5 |
| $\sim$ | Optical Goods \＆Books | ＊ | 3.0 | － | 2.9 |

Food \＆Beverage Services Index ${ }^{1}$


|  | \％Change in Sales of F\＆B Services | Year－on－Year |  | Month－on－Month ${ }^{2}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $1 \bigcirc 11$ | Restaurants | － | 5.0 | － | 3.1 |
|  | Fast Food Outlets | － | 5.9 | － | 0.3 |
| $6$ | Food Caterers | － | 6.6 | － | 5.0 |
| $\bigcirc$ | Other Eating Places（e．g．Cafes） | － | 2.5 | 易 | 3.4 |

[^0]
## RETAIL SALES <br> AND <br> SALES OF FOOD \& BEVERAGE SERVICES

## Retail Sales

- Retail sales decreased $6.0 \%$ in December 2018 compared to December 2017. Excluding motor vehicles, retail sales declined 3.0\%.
- Compared to the previous month, retail sales (seasonally adjusted) decreased $3.4 \%$ in December 2018. Excluding motor vehicles, retail sales declined 4.1\%.
- The total retail sales value in December 2018 was about $\$ 4.3$ billion. Of which, online retail sales made up an estimated $5.5 \%$.


## Sales of Food \& Beverage Services

- Compared to the same period last year, sales of food \& beverage services increased 4.5\% in December 2018.
- On a seasonally adjusted basis, sales of food \& beverage services rose $0.6 \%$ in December 2018 over the previous month.
- The total sales value of food \& beverage services in December 2018 was estimated at $\$ 925$ million, compared to $\$ 886$ million in December 2017.

[^1]
## RETAIL SALES BY INDUSTRY

## Year-on-Year Change

Compared to December 2017, sales of Motor Vehicles declined 20.7\% in December 2018, as a result of fewer motor vehicles sold (Chart 1). Similarly, sales of Computer \& Telecommunications Equipment declined $16.8 \%$ when compared to the higher sales arising from major phone launches around the same period in 2017. Sales of the Recreational Goods, Watches \& Jewellery and Furniture \& Household Equipment industries decreased between 3.9\% and $5.8 \%$, attributed to lower demand for sporting goods, jewellery and furniture.

Conversely, sales of Medical Goods \& Toiletries increased 1.8\% in December 2018.


[^2]
## RETAIL SALES BY INDUSTRY

## Month-on-Month Change (Seasonally Adjusted)

Based on seasonally adjusted data, sales of the Department Stores industry decreased $15.7 \%$ in December 2018 on a month-on-month basis, following higher sales reported in November 2018 due to Black Friday sales events. Likewise, the Watches \& Jewellery, Furniture \& Household Equipment and Recreational Goods industries reported declines in sales of between $6.5 \%$ and 9.7\%.

On the other hand, the Optical Goods \& Books industry reported an increase in sales of $2.9 \%$ during this period, due partly to higher sales of books.


## SALES OF FOOD \& BEVERAGE SERVICES BY INDUSTRY

## Year-on-Year Change

On a year-on-year basis, all food \& beverage services industries registered higher sales (Chart 5). Sales of Food Caterers, Fast Food Outlets, Restaurants and Other Eating Places (such as cafes) increased between $2.5 \%$ and $6.6 \%$ in December 2018 compared to December 2017.

Chart 5 Year-on-Year Change at Current Prices

(1)11

Restaurants

Fast Food Outlets

Chart 6 Year-on-Year Change at Constant Prices


[^3]
## SALES OF FOOD \& BEVERAGE SERVICES BY INDUSTRY

## Month-on-Month Change <br> (Seasonally Adjusted)

On a month-on-month seasonally adjusted basis, Food Caterers, Restaurants and Fast Food Outlets reported increases in sales of between $0.3 \%$ and $5.0 \%$ in December 2018 (Chart 7).

In contrast, turnover of Other Eating Places (such as cafes) declined 3.4\% in December 2018.


Retail Sales Index and Food \& Beverage Services Index, December 2018

| Industry | Year-on-Year Change |  |  |  | Month-on-Month Change (Seasonally Adjusted) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | at Current Prices  <br> Nov 18/ Dec 18/ <br> Nov 17 Dec 17 |  | $\|l\|$  <br> at Constant Prices  <br> Nov 18/ Dec 18/ <br> Nov 17 Dec 17 |  | at Current PricesNov 18/Dec $18 /$Oct 18 Nov 18 |  | at Constant Prices <br> Nov 18/ Dec 18/ <br> Oct 18 Nov 18 |  |
| Total | -2.4 | -6.0 | -1.6 | -5.5 | 0.1 | -3.4 | 0.8 | -3.7 |
| Total (excl Motor Vehicles) | 0.5 | -3.0 | 1.1 | -3.0 | 1.2 | -4.1 | 2.1 | -4.5 |
| Department Stores ${ }^{1}$ | 8.7 | -1.4 | 8.9 | $-2.4$ | 12.5 | -15.7 | 13.1 | -16.9 |
| Supermarkets \& Hypermarkets | -1.4 | -0.7 | -2.9 | -2.3 | 0.5 | 0.5 | 0.4 | 0.6 |
| Mini-marts \& Convenience Stores | -0.2 | -1.1 | -2.6 | -4.0 | -0.1 | $-2.4$ | -0.2 | -2.8 |
| Food Retailers ${ }^{2}$ | -3.4 | -2.6 | -4.7 | -3.9 | -1.2 | -2.4 | -1.2 | -2.4 |
| Motor Vehicles | $-15.1$ | -20.7 | -13.6 | -18.3 | -5.3 | 0.0 | -5.3 | 0.6 |
| Petrol Service Stations | 3.1 | -0.4 | -0.7 | $-1.3$ | -4.7 | -4.4 | -1.6 | -1.0 |
| Medical Goods \& Toiletries | 6.9 | 1.8 | 6.9 | 1.8 | 5.6 | -4.0 | 6.4 | -4.6 |
| Wearing Apparel \& Footwear | 2.9 | -1.4 | 2.5 | -3.8 | 3.1 | -3.0 | 3.4 | -4.5 |
| Furniture \& Household Equipment | 3.3 | -3.9 | 3.3 | -4.1 | 2.7 | -7.6 | 3.0 | -7.8 |
| Recreational Goods | -0.6 | -5.8 | 1.1 | -4.2 | 7.3 | -6.5 | 7.8 | -7.1 |
| Watches \& Jewellery | 2.0 | -5.7 | 6.0 | $-2.8$ | -1.5 | -9.7 | -0.1 | -11.3 |
| Computer \& Telecommunications Equipment | -16.8 | -16.8 | -8.4 | -8.6 | -6.3 | 2.5 | -0.7 | 4.6 |
| Optical Goods \& Books | -4.6 | $-3.0$ | -4.2 | $-2.8$ | 0.2 | 2.9 | 0.5 | 2.5 |
| Others | 2.9 | 0.5 | 3.1 | -1.1 | -1.3 | -1.8 | -1.3 | -3.3 |

${ }^{I}$ Data exclude department stores cum supermarkets (e.g. hypermarkets), which is now grouped under Supermarkets \& Hypermarkets
${ }^{2}$ Retail stores which sell food \& beverages that are generally not meant for immediate consumption on their premises

| Table 2 Percentage Change of Food \& Beverage Services Index (2017=100) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Year-on-Year Change |  | Month-on-Month Change (Seasonally Adjusted) |  |
| Industry | at Current Prices <br> Nov 18/ Dec 18/ <br> Nov 17 Dec 17 | at Constant Prices <br> Nov 18/ Dec 18/ <br> Nov 17 Dec 17 | at Current Prices <br> $\begin{array}{cc}\text { Nov 18/ } & \text { Dec 18/ } \\ \text { Oct } 18 & \text { Nov } 18\end{array}$ | at Constant Prices <br> Nov 18/ Dec 18/ <br> Oct 18 Nov 18 |
| Total | 3.14 .5 | 1.83 .2 | 2.50 .6 | 2.50 .4 |
| Restaurants | 3.75 | $1.9 \quad 3.4$ | $4.4 \quad 3.1$ | $4.7 \quad 2.6$ |
| Fast Food Outlets | $4.5 \quad 5.9$ | $4.4 \quad 6.4$ | -0.2 0.3 | -0.5 0.3 |
| Food Caterers | -1.0 6.6 | $\begin{array}{ll}-1.9 & 5.7\end{array}$ | -1.1 5.0 | -1.3 4.9 |
| Other Eating Places | $3.4-2.5$ | 1.91 .0 | $2.5-3.4$ | $2.4-3.4$ |

## Explanatory Notes

## Introduction

The Retail Sales Index (RSI) and Food \& Beverage Services Index (FSI) measure the short-term performance of the retail trade and food \& beverage (F\&B) services industries based on the sales records of retail trade and F\&B services establishments respectively. Sales figure refers to the value of retail goods or food \& beverages sold to consumers during the month, excluding taxes on products such as Goods and Services Tax (GST), Additional Registration Fee (ARF) and Certificates of Entitlement (COE).

The RSI and FSI are presented at both current prices and constant prices. The indices at current prices measure the changes of sales values which can result from changes in both price and quantity. By removing the price effect, the indices at constant prices measure the changes in the volume of economic activity.

To reflect changes in the structure of retail trade and F\&B services industries, the coverage and weighting patterns of the RSI and FSI series are revised at regular intervals. The base year of these two indices is 2017.

## Data Collection

Data for the compilation of the RSI and FSI are primarily obtained from the monthly surveys of retail trade and $\mathrm{F} \& B$ services establishments. Retail trade establishments sell merchandise directly to the consumers, while F\&B services establishments sell prepared food and drinks for in-premises consumption or on a take-away basis.

## Index Compilation

To derive the RSI and FSI at detailed industry level, the monthly sales for that industry is divided by the average monthly sales for the same industry in the base year. The overall RSI and FSI are then computed by combining the sales indices of the detailed industries, using weights which measure each industry's relative importance in the overall retail trade and F\&B services industry respectively.

To derive the indices at constant prices, the sales indices at current prices at detailed industry level are first deflated by appropriate price indices. These component indices at constant prices are then weighted and aggregated to derive the overall indices at constant prices.

## Online Retail Sales Proportion

The RSI covers retail sales of:
(a) (multi-channel) retailers in Singapore that sell via both physical stores and online/ecommerce sites;
(b) retailers in Singapore that sell via physical stores only; and
(c) retailers in Singapore that sell mainly via online/e-commerce sites.

The proportion of online retail sales ${ }^{1}$ out of total retail sales is also estimated for the overall retail trade sector.
${ }^{1}$ Online retail sales refers to the sales of goods where the order is received and the price and terms of sale are agreed on via online means, e.g. through company's website, third-party websites, mobile applications, extranet or Electronic Data Interchange. Payment and delivery may or may not be made online.

## Seasonal Adjustment

Seasonal effects are observed in both the RSI and FSI as there are usually intra-year periodic variations that repeat during the fixed period of time every year. To better reflect the underlying trend of the monthly sales, both indices are seasonally adjusted to remove the seasonal effects.

## Chart A. 1 Retail Sales Index

$\overline{-- \text { original }}$ seasonally adjusted
_- original

| $\begin{gathered} \text { Total } \\ \text { (at Current Prices) } \end{gathered}$ | Total (at Constant Prices) |
| :---: | :---: |
|  |  |
| Total (excl Motor Vehicles) (at Current Prices) | Total (excl Motor Vehicles) (at Constant Prices) |
|  |  |

Chart A. 2 Food \& Beverage Services Index

- original



Chart A. 3 Retail Sales Index by Industry

| $\begin{aligned} & \text { _- original } \\ & \text { seasonally adjusted } \end{aligned}$ | $\overline{\text { - original }} \begin{aligned} & \text { - seasonally adjusted } \end{aligned}$ |
| :---: | :---: |
| Department Stores (at Current Prices) | Department Stores (at Constant Prices) |
| Supermarkets \& Hypermarkets (at Current Prices) | Supermarkets \& Hypermarkets (at Constant Prices) |
| Mini-marts \& Convenience Stores (at Current Prices) | Mini-marts \& Convenience Stores (at Constant Prices) |
| Food Retailers (at Current Prices) | Food Retailers (at Constant Prices) |

## Chart A. 3 (Cont'd) Retail Sales Index by Industry

__original<br>- - -seasonally adjusted

- original
-     - -seasonally adjusted

| Motor Vehicles <br> (at Current Prices) | Motor Vehicles <br> (at Constant Prices) |
| :---: | :---: |
|  |  |
| Petrol Service Stations (at Current Prices) | Petrol Service Stations (at Constant Prices) |
|  |  |
| Medical Goods \& Toiletries | Medical Goods \& Toiletries <br> (at Constant Prices) |
|  |  |
| Wearing Apparel \& Footwe ar (at Current Prices) | Wearing Apparel \& Footwe ar (at Constant Prices) |
|  |  |

## Chart A. 3 (Cont'd) Retail Sales Index by Industry

| $\begin{aligned} & \overline{--- \text { seasonally adjusted }} \end{aligned}$ | $\overline{-- \text { - seasonally adjusted }}$ |
| :---: | :---: |
| Furniture \& Household Equipment (at Current Prices) | Furniture \& Household Equipment (at Constant Prices) |
| Recreational Goods (at Current Prices) | Recreational Goods (at Constant Prices) |
| Watches \& Jewellery (at Current Prices) | Watches \& Jewellery (at Constant Prices) |
|  | Computer \& Telecommunications Equipment (at Constant Prices) |

## Chart A. 3 (Cont'd) Retail Sales Index by Industry

| - original | $\begin{aligned} & - \text { original } \\ & -- \text { seasonally adjusted } \end{aligned}$ |
| :---: | :---: |
| Optical Goods \& Books (at Current Prices) | Optical Goods \& Books (at Constant Prices) |
| Others (at Current Prices) | Others <br> (at Constant Prices) |

Chart A. 4 Food \& Beverage Services Index by Industry

\author{

-     -         - seasonally adjusted
}
_- original

| Restaurants (at Current Prices) | Restaurants (at Constant Prices) |
| :---: | :---: |
|  |  |
| Fast Food Outlets (at Current Prices) | Fast Food Outlets (at Constant Prices) |
|  |  |
| Food Caterers (at Current Prices) | Food Caterers <br> (at Constant Prices) |
|  |  |
| Other Eating Places (at Current Prices) | Other Eating Places (at Constant Prices) |
|  |  |

TABLE A.1.1 RETAIL SALES INDEX
(2017 = 100)

|  | Total | Total (excl Motor Vehicles) | Dept Stores | Supermkts \& Hypermkts | Mini-marts \& Conv. Stores | Food Retailers | Motor Vehicles | Petrol Service Stations | Medical <br>  <br> Toiletries | Wearing Apparel \& Footwear |  <br> Household <br> Equipment | Recreational Goods | Watches \& Jewellery | Computer \& Telecomm. Equipment | Optical Goods \& Books | Others |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weights | 10,000 | 8,193 | 620 | 1,443 | 423 | 214 | 1,807 | 431 | 619 | 975 | 753 | 145 | 904 | 549 | 294 | 823 |
|  | At Current Prices |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2014 | 92.1 | 102.1 | 104.3 | 93.1 | 104.4 | 118.5 | 50.8 | 121.8 | 87.7 | 104.7 | 103.8 | 105.2 | 101.3 | 126.2 | 112.8 | 88.0 |
| 2015 | 96.1 | 100.9 | 104.9 | 96.5 | 101.8 | 111.0 | 76.6 | 99.0 | 91.0 | 102.0 | 101.4 | 98.8 | 102.7 | 118.5 | 106.2 | 95.1 |
| 2016 | 98.2 | 98.2 | 100.5 | 96.5 | 102.9 | 101.6 | 98.2 | 91.2 | 95.2 | 98.0 | 100.8 | 97.2 | 96.8 | 99.5 | 101.6 | 100.4 |
| 2017 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2018 | 99.3 | 101.1 | 100.9 | 98.8 | 99.6 | 102.0 | 91.0 | 108.1 | 104.8 | 103.3 | 103.5 | 99.5 | 100.8 | 91.8 | 97.4 | 102.6 |
| 2017 Dec | 119.4 | 120.8 | 134.3 | 102.8 | 97.0 | 111.4 | 113.0 | 98.0 | 122.1 | 140.2 | 126.0 | 140.3 | 119.7 | 152.9 | 142.1 | 108.9 |
| 2018 Jan | 102.8 | 106.0 | 107.9 | 106.0 | 105.1 | 106.7 | 88.4 | 107.4 | 105.3 | 114.8 | 115.6 | 92.3 | 96.9 | 98.7 | 105.1 | 103.4 |
| Feb | 96.0 | 102.0 | 103.4 | 110.1 | 96.9 | 134.5 | 68.7 | 102.4 | 106.3 | 121.3 | 84.5 | 87.1 | 108.6 | 73.0 | 83.9 | 92.3 |
| Mar | 99.6 | 98.7 | 98.6 | 96.2 | 100.0 | 100.8 | 103.7 | 110.0 | 105.3 | 93.2 | 101.2 | 103.1 | 98.9 | 90.1 | 98.9 | 99.7 |
| Apr | 93.6 | 94.4 | 86.9 | 94.7 | 99.3 | 95.4 | 90.0 | 108.1 | 98.2 | 88.1 | 95.7 | 94.5 | 96.0 | 81.9 | 93.4 | 99.6 |
| May | 99.3 | 99.3 | 98.9 | 99.7 | 100.6 | 95.6 | 99.4 | 111.0 | 103.7 | 96.3 | 107.1 | 94.0 | 101.2 | 77.0 | 92.6 | 102.6 |
| Jun | 100.8 | 97.4 | 92.7 | 94.5 | 98.0 | 87.3 | 116.3 | 104.7 | 102.0 | 102.5 | 112.7 | 97.9 | 95.1 | 76.2 | 85.6 | 101.4 |
| Jul | 96.1 | 98.8 | 91.2 | 97.3 | 101.0 | 95.9 | 84.2 | 112.9 | 102.6 | 101.2 | 103.5 | 100.2 | 103.2 | 78.7 | 93.8 | 99.4 |
| Aug | 98.3 | 100.6 | 97.1 | 101.4 | 104.9 | 106.3 | 87.6 | 112.1 | 104.5 | 98.3 | 97.5 | 102.8 | 105.8 | 78.4 | 95.5 | 105.6 |
| Sep | 94.5 | 96.5 | 94.6 | 95.2 | 97.9 | 97.6 | 85.4 | 110.7 | 100.6 | 88.8 | 95.7 | 95.9 | 95.0 | 95.6 | 85.6 | 104.8 |
| Oct | 98.6 | 100.1 | 93.9 | 96.4 | 100.4 | 99.5 | 91.8 | 115.8 | 100.3 | 93.3 | 99.9 | 92.4 | 100.1 | 111.2 | 92.5 | 107.7 |
| Nov | 99.3 | 102.0 | 113.0 | 92.2 | 95.2 | 96.4 | 87.0 | 104.7 | 105.2 | 102.8 | 107.0 | 101.3 | 96.3 | 113.3 | 104.5 | 105.0 |
| Dec ${ }^{\text {p }}$ | 112.2 | 117.2 | 132.5 | 102.1 | 95.9 | 108.5 | 89.7 | 97.6 | 124.3 | 138.3 | 121.1 | 132.2 | 112.9 | 127.1 | 137.8 | 109.5 |
|  | At Constant Prices |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2014 | 93.0 | 103.3 | 104.8 | 96.0 | 106.9 | 124.0 | 51.0 | 121.5 | 85.7 | 105.7 | 101.7 | 105.2 | 106.6 | 124.8 | 114.8 | 88.6 |
| 2015 | 97.3 | 102.2 | 105.6 | 98.7 | 103.1 | 114.5 | 77.3 | 103.9 | 89.3 | 103.2 | 99.3 | 98.4 | 108.0 | 117.3 | 108.2 | 96.2 |
| 2016 | 98.7 | 98.8 | 100.9 | 97.1 | 103.2 | 102.9 | 98.5 | 99.5 | 93.7 | 98.5 | 98.9 | 96.2 | 97.7 | 98.3 | 101.6 | 101.1 |
| 2017 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2018 | 98.9 | 100.5 | 100.4 | 97.4 | 97.6 | 100.5 | 91.3 | 101.3 | 105.0 | 102.0 | 103.4 | 99.8 | 102.0 | 96.2 | 97.3 | 101.9 |
| 2017 Dec | 119.3 | 121.3 | 135.4 | 102.7 | 97.2 | 111.1 | 109.8 | 95.1 | 123.2 | 141.9 | 126.7 | 140.8 | 119.7 | 156.0 | 141.8 | 109.7 |
| 2018 Jan | 102.3 | 105.5 | 107.7 | 105.2 | 105.2 | 105.6 | 87.7 | 102.9 | 104.5 | 114.9 | 116.3 | 91.0 | 96.0 | 98.3 | 104.8 | 103.3 |
| Feb | 95.4 | 101.4 | 103.1 | 108.9 | 96.4 | 132.4 | 68.3 | 98.1 | 106.3 | 120.3 | 84.8 | 86.2 | 108.1 | 74.3 | 83.5 | 91.8 |
| Mar | 98.8 | 97.8 | 97.5 | 95.1 | 97.9 | 99.6 | 103.5 | 105.8 | 105.1 | 91.6 | 101.2 | 103.2 | 98.4 | 92.6 | 98.3 | 98.6 |
| Apr | 92.9 | 93.5 | 86.0 | 93.7 | 97.3 | 94.3 | 90.4 | 102.8 | 98.9 | 86.4 | 96.2 | 93.9 | 95.1 | 83.4 | 92.9 | 98.5 |
| May | 98.7 | 98.4 | 98.2 | 98.5 | 98.5 | 94.4 | 100.2 | 103.8 | 104.1 | 94.7 | 107.6 | 94.7 | 101.1 | 78.5 | 92.3 | 101.6 |
| Jun | 100.5 | 96.8 | 92.8 | 93.2 | 95.7 | 86.0 | 117.6 | 97.6 | 102.2 | 101.7 | 112.4 | 99.5 | 95.5 | 79.2 | 85.7 | 101.2 |
| Jul | 95.5 | 97.9 | 90.4 | 95.6 | 98.8 | 93.9 | 84.7 | 105.1 | 101.9 | 99.7 | 102.5 | 99.6 | 104.7 | 82.9 | 93.9 | 98.5 |
| Aug | 97.7 | 99.9 | 96.2 | 99.8 | 102.6 | 104.5 | 88.0 | 104.0 | 103.7 | 96.8 | 96.5 | 102.5 | 109.6 | 81.1 | 95.6 | 104.6 |
| Sep | 94.2 | 96.1 | 94.2 | 93.6 | 95.4 | 95.9 | 85.5 | 100.9 | 100.8 | 87.8 | 95.4 | 96.1 | 98.0 | 102.3 | 85.5 | 104.2 |
| Oct | 98.0 | 99.3 | 93.5 | 94.7 | 97.6 | 97.8 | 92.4 | 103.7 | 100.7 | 92.3 | 99.4 | 92.8 | 101.9 | 115.7 | 92.4 | 107.3 |
| $\mathrm{Nov}^{\text {p }}$ | 99.6 | 102.2 | 112.8 | 90.6 | 92.5 | 94.9 | 87.8 | 97.1 | 106.8 | 101.6 | 107.0 | 102.8 | 99.3 | 124.1 | 104.7 | 104.4 |
| Dec ${ }^{\text {p }}$ | 112.7 | 117.7 | 132.2 | 100.3 | 93.3 | 106.7 | 89.7 | 93.9 | 125.4 | 136.5 | 121.5 | 134.9 | 116.3 | 142.5 | 137.9 | 108.5 |

[^4]TABLE A.1.2 RETAIL SALES INDEX (SEASONALLY ADJUSTED) (2017 = 100)

|  | Total | Total (excl Motor Vehicles) | Dept <br> Stores | Supermkts \& Hypermkts | Mini-marts \& Conv. Stores | Food Retailers | Motor Vehicles | Petrol <br> Service <br> Stations | Medical Goods \& Toiletries | Wearing Apparel \& Footwear |  <br> Household <br> Equipment | Recreational Goods | Watches $\&$ Jewellery | Computer \& Telecomm. Equipment | Optical <br>  <br> Books | Others |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weights <br> Period | 10,000 | 8,193 | 620 | 1,443 | 423 | 214 | 1,807 | 431 | 619 | 975 | 753 | 145 | 904 | 549 | 294 | 823 |
|  | At Current Prices |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2014 | 92.0 | 102.0 | 104.5 | 93.2 | 104.3 | 116.8 | 51.0 | 121.7 | 87.5 | 104.8 | 103.6 | 105.4 | 101.4 | 124.9 | 113.0 | 87.9 |
| 2015 | 96.3 | 101.0 | 105.5 | 96.8 | 101.9 | 110.7 | 76.7 | 99.0 | 90.9 | 102.2 | 101.6 | 98.7 | 102.7 | 119.0 | 106.2 | 95.2 |
| 2016 | 98.1 | 98.1 | 100.3 | 96.2 | 102.9 | 102.0 | 98.2 | 91.0 | 95.1 | 98.1 | 100.7 | 97.1 | 96.6 | 99.4 | 101.5 | 100.0 |
| 2017 | 100.0 | 100.0 | 100.1 | 99.9 | 100.0 | 100.3 | 100.0 | 100.2 | 99.9 | 99.8 | 100.0 | 99.8 | 100.2 | 99.4 | 99.8 | 100.3 |
| 2018 | 99.4 | 101.2 | 101.5 | 99.0 | 99.7 | 102.2 | 90.9 | 108.1 | 104.9 | 103.5 | 103.7 | 99.5 | 101.3 | 91.4 | 97.2 | 102.7 |
| 2017 Dec | 103.7 | 101.1 | 94.8 | 99.7 | 97.6 | 102.2 | 115.4 | 101.8 | 103.1 | 101.0 | 102.6 | 105.0 | 96.1 | 113.9 | 107.7 | 101.1 |
| 2018 Jan | 98.7 | 100.4 | 102.8 | 102.8 | 105.4 | 107.8 | 91.3 | 107.8 | 104.4 | 102.9 | 101.3 | 92.2 | 91.4 | 91.8 | 92.6 | 98.6 |
| Feb | 96.9 | 101.2 | 100.4 | 99.1 | 95.2 | 98.6 | 77.4 | 109.8 | 105.5 | 110.0 | 103.8 | 95.7 | 101.6 | 87.6 | 97.1 | 100.0 |
| Mar | 99.8 | 102.7 | 109.8 | 100.1 | 99.6 | 108.2 | 86.5 | 107.2 | 103.9 | 103.9 | 109.8 | 103.2 | 105.9 | 89.8 | 99.0 | 97.0 |
| Apr | 100.0 | 101.5 | 100.2 | 97.4 | 100.6 | 106.5 | 93.0 | 109.8 | 106.4 | 101.2 | 104.0 | 97.9 | 103.4 | 91.0 | 95.4 | 106.9 |
| May | 99.7 | 101.5 | 102.0 | 99.5 | 99.9 | 98.4 | 91.6 | 108.3 | 105.5 | 103.7 | 110.0 | 93.8 | 100.9 | 90.0 | 94.6 | 101.8 |
| Jun | 100.7 | 99.4 | 94.6 | 96.7 | 101.2 | 98.1 | 106.7 | 107.7 | 104.1 | 103.2 | 100.1 | 102.1 | 101.8 | 85.4 | 93.3 | 102.5 |
| Jul | 98.1 | 100.8 | 98.7 | 97.1 | 100.2 | 99.5 | 85.9 | 108.3 | 104.8 | 103.8 | 101.2 | 99.5 | 104.7 | 92.8 | 93.1 | 102.6 |
| Aug | 100.5 | 102.6 | 103.6 | 99.6 | 100.9 | 101.4 | 90.6 | 108.6 | 103.8 | 106.3 | 103.8 | 103.4 | 106.0 | 92.3 | 97.2 | 104.0 |
| Sep | 100.0 | 102.5 | 102.6 | 98.9 | 98.9 | 102.7 | 88.6 | 112.8 | 102.8 | 105.6 | 101.2 | 103.7 | 107.3 | 90.2 | 97.6 | 107.2 |
| Oct | 100.4 | 101.3 | 98.6 | 98.2 | 98.9 | 103.3 | 96.4 | 110.7 | 103.3 | 99.4 | 103.7 | 98.2 | 101.6 | 98.7 | 100.9 | 105.3 |
| Nov | 100.5 | 102.5 | 110.9 | 98.7 | 98.7 | 102.0 | 91.3 | 105.6 | 109.1 | 102.5 | 106.6 | 105.4 | 100.1 | 92.6 | 101.1 | 103.9 |
| Dec ${ }^{\text {p }}$ | 97.0 | 98.3 | 93.5 | 99.3 | 96.4 | 99.6 | 91.3 | 100.9 | 104.8 | 99.5 | 98.5 | 98.6 | 90.4 | 94.8 | 104.0 | 102.0 |
|  | At Constant Prices |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2014 | 93.0 | 103.2 | 105.0 | 96.0 | 106.8 | 122.2 | 51.2 | 121.5 | 85.5 | 105.7 | 101.6 | 105.4 | 106.7 | 123.6 | 115.1 | 88.5 |
| 2015 | 97.5 | 102.3 | 106.2 | 99.0 | 103.2 | 114.2 | 77.4 | 104.0 | 89.2 | 103.4 | 99.4 | 98.4 | 108.0 | 117.7 | 108.2 | 96.3 |
| 2016 | 98.6 | 98.6 | 100.8 | 96.9 | 103.3 | 103.2 | 98.5 | 99.2 | 93.6 | 98.6 | 98.7 | 96.1 | 97.5 | 98.2 | 101.5 | 100.8 |
| 2017 | 100.0 | 99.9 | 100.1 | 99.9 | 99.9 | 100.2 | 100.0 | 100.2 | 99.9 | 99.7 | 99.9 | 99.9 | 100.3 | 99.3 | 99.8 | 100.3 |
| 2018 | 99.0 | 100.7 | 101.0 | 97.6 | 97.7 | 100.6 | 91.2 | 101.4 | 105.1 | 102.3 | 103.6 | 99.8 | 102.5 | 95.5 | 97.0 | 102.0 |
| 2017 Dec | 103.1 | 101.0 | 95.3 | 99.1 | 97.4 | 101.6 | 112.9 | 98.8 | 103.4 | 101.5 | 102.9 | 104.0 | 94.0 | 116.8 | 107.3 | 101.3 |
| 2018 Jan | 97.9 | 99.5 | 102.5 | 102.5 | 105.2 | 106.9 | 90.5 | 102.3 | 103.2 | 102.6 | 101.6 | 90.7 | 89.6 | 91.1 | 92.2 | 97.9 |
| Feb | 96.6 | 100.8 | 100.2 | 99.1 | 94.9 | 98.4 | 77.8 | 104.3 | 105.0 | 108.8 | 103.4 | 94.3 | 102.6 | 89.3 | 96.4 | 99.5 |
| Mar | 99.3 | 102.2 | 110.1 | 98.7 | 98.0 | 106.8 | 86.2 | 102.2 | 104.2 | 103.6 | 109.4 | 102.9 | 106.3 | 91.8 | 98.3 | 96.9 |
| Apr | 99.8 | 101.1 | 99.1 | 96.8 | 99.1 | 105.3 | 93.6 | 103.5 | 108.1 | 100.4 | 104.5 | 98.4 | 105.1 | 92.6 | 95.1 | 105.7 |
| May | 99.4 | 100.9 | 101.8 | 98.4 | 98.1 | 97.1 | 92.3 | 101.2 | 105.9 | 102.9 | 110.3 | 94.9 | 101.4 | 91.4 | 94.6 | 101.3 |
| Jun | 100.1 | 98.3 | 94.2 | 95.1 | 98.6 | 96.2 | 108.1 | 101.4 | 104.2 | 100.8 | 99.8 | 102.7 | 100.3 | 88.7 | 93.3 | 102.1 |
| Jul | 97.5 | 99.9 | 97.0 | 95.5 | 98.0 | 97.3 | 86.8 | 101.2 | 104.9 | 101.3 | 100.8 | 99.5 | 106.5 | 97.6 | 93.3 | 101.0 |
| Aug | 99.7 | 101.8 | 102.0 | 97.7 | 98.3 | 99.7 | 90.5 | 100.3 | 103.6 | 103.9 | 102.9 | 104.8 | 110.6 | 95.1 | 97.5 | 102.6 |
| Sep | 99.7 | 102.2 | 101.8 | 97.2 | 96.3 | 100.6 | 88.3 | 103.1 | 103.1 | 104.5 | 101.5 | 103.8 | 111.6 | 96.1 | 97.4 | 106.6 |
| Oct | 99.9 | 100.6 | 98.7 | 96.1 | 96.2 | 101.2 | 96.8 | 100.3 | 103.5 | 98.8 | 103.6 | 99.2 | 102.8 | 103.0 | 100.9 | 105.3 |
| Nov | 100.7 | 102.6 | 111.6 | 96.5 | 96.0 | 100.0 | 91.6 | 98.7 | 110.1 | 102.2 | 106.7 | 106.9 | 102.6 | 102.2 | 101.4 | 104.0 |
| Dec ${ }^{\text {p }}$ | 97.0 | 98.0 | 92.7 | 97.1 | 93.3 | 97.6 | 92.2 | 97.7 | 105.1 | 97.6 | 98.4 | 99.4 | 91.1 | 106.9 | 103.9 | 100.5 |

[^5]TABLE A. 2 PERCENTAGE CHANGE IN RETAIL SALES INDEX OVER CORRESPONDING PERIOD OF PREVIOUS YEAR

| $(2017=100)$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | Total (excl Motor Vehicles) | Dept <br> Stores | Supermkts \& Hypermkts | Mini-marts \& Conv. Stores | Food Retailers | Motor Vehicles | Petrol <br> Service <br> Stations | Medical <br> Goods \& Toiletries | Wearing <br> Apparel \& Footwear |  <br> Household <br> Equipment | Recreational Goods | Watches <br>  <br> Jewellery | Computer \& Telecomm. Equipment | Optical Goods \& Books | Others |
| Weights | 10,000 | 8,193 | 620 | 1,443 | 423 | 214 | 1,807 | 431 | 619 | 975 | 753 | 145 | 904 | 549 | 294 | 823 |
|  | At Current Prices |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2014 | 0.4 | -0.5 | -1.6 | 3.8 | -0.2 | 3.2 | 4.8 | 0.4 | 4.0 | -3.8 | -4.0 | -5.8 | -2.1 | 0.8 | -0.5 | -5.3 |
| 2015 | 4.4 | -1.2 | 0.6 | 3.6 | -2.5 | -6.3 | 50.8 | -18.7 | 3.8 | -2.7 | -2.2 | -6.2 | 1.4 | -6.1 | -5.9 | 8.1 |
| 2016 | 2.2 | -2.6 | -4.1 | -0.1 | 1.0 | -8.4 | 28.3 | -7.9 | 4.6 | -3.9 | -0.6 | -1.6 | -5.8 | -16.1 | -4.3 | 5.5 |
| 2017 | 1.8 | 1.8 | -0.5 | 3.7 | -2.8 | -1.6 | 1.8 | 9.6 | 5.0 | 2.0 | -0.8 | 2.9 | 3.3 | 0.5 | -1.6 | -0.4 |
| 2018 | -0.7 | 1.1 | 0.9 | -1.2 | -0.4 | 2.0 | -9.0 | 8.1 | 4.8 | 3.3 | 3.5 | -0.5 | 0.8 | -8.2 | -2.6 | 2.6 |
| 2017 Dec | 6.3 | 2.6 | -4.0 | 4.5 | -5.5 | -1.0 | 26.0 | 4.2 | 3.9 | 3.4 | 2.9 | 6.6 | -4.8 | 20.1 | 8.0 | -2.2 |
| 2018 Jan | -7.7 | -7.3 | -14.7 | -16.1 | -7.7 | -16.3 | -9.8 | 7.6 | -4.7 | -14.6 | 9.3 | -5.5 | -10.5 | -1.9 | 3.1 | 4.0 |
| Feb | 8.6 | 14.0 | 24.7 | 24.7 | 6.4 | 62.1 | -17.5 | 10.7 | 15.9 | 43.3 | 7.6 | -3.1 | 8.4 | -18.0 | -9.0 | -5.8 |
| Mar | -0.9 | 2.9 | 8.6 | 0.0 | -0.9 | 8.3 | -14.7 | 6.4 | 7.0 | 6.4 | 4.9 | 2.1 | 5.7 | -8.4 | 0.3 | 0.0 |
| Apr | 1.1 | 1.5 | -2.1 | -2.8 | -0.2 | 6.0 | -0.8 | 8.5 | 9.0 | -1.9 | 6.9 | -1.3 | 0.8 | -6.8 | -1.2 | 9.0 |
| May | 0.2 | 2.4 | 2.3 | -1.1 | -1.1 | -1.8 | -8.4 | 8.8 | 6.4 | 6.8 | 10.6 | -2.2 | 1.2 | -7.7 | -2.0 | 2.0 |
| Jun | 1.9 | 0.0 | -2.3 | -1.4 | 0.4 | -1.0 | 9.7 | 9.3 | 5.7 | 2.8 | 0.3 | 6.6 | -5.8 | -12.0 | -2.6 | 4.8 |
| Jul | -2.6 | 0.2 | -5.0 | -3.4 | 0.9 | -6.6 | -15.2 | 10.1 | 3.9 | 2.1 | 2.0 | 1.7 | 2.8 | -6.8 | -4.7 | 2.0 |
| Aug | -0.4 | 2.4 | 3.4 | -1.0 | 1.4 | -5.1 | -12.8 | 10.4 | 2.6 | 5.4 | -0.8 | 4.7 | 7.0 | -3.7 | -2.6 | 5.0 |
| Sep | 1.9 | 1.7 | 0.9 | -1.0 | -0.9 | 1.1 | 2.6 | 11.4 | 3.3 | 3.2 | 2.2 | 2.2 | 6.9 | -6.7 | -2.9 | 2.3 |
| Oct | 1.0 | 1.6 | -4.0 | -2.9 | -0.1 | 0.8 | -2.0 | 11.4 | 3.4 | -1.9 | 2.5 | -2.8 | 0.5 | 15.3 | -1.7 | 4.8 |
| Nov | -2.4 | 0.5 | 8.7 | -1.4 | -0.2 | -3.4 | -15.1 | 3.1 | 6.9 | 2.9 | 3.3 | -0.6 | 2.0 | -16.8 | -4.6 | 2.9 |
| Dec ${ }^{\text {p }}$ | -6.0 | -3.0 | -1.4 | -0.7 | -1.1 | -2.6 | -20.7 | -0.4 | 1.8 | -1.4 | -3.9 | -5.8 | -5.7 | -16.8 | -3.0 | 0.5 |
|  | At Constant Prices |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2014 | 0.3 | -0.7 | -1.0 | 1.6 | -2.9 | -0.3 | 5.1 | -0.3 | 3.7 | -2.5 | -4.2 | -6.5 | 1.9 | 0.5 | -0.8 | -4.3 |
| 2015 | 4.6 | -1.0 | 0.8 | 2.9 | -3.5 | -7.6 | 51.5 | -14.5 | 4.2 | -2.4 | -2.4 | -6.5 | 1.3 | -6.0 | -5.8 | 8.5 |
| 2016 | 1.5 | -3.4 | -4.4 | -1.6 | 0.1 | -10.2 | 27.5 | -4.2 | 5.0 | -4.5 | -0.4 | -2.2 | -9.5 | -16.2 | -6.1 | 5.1 |
| 2017 | 1.3 | 1.3 | -0.9 | 3.0 | -3.1 | -2.8 | 1.5 | 0.5 | 6.7 | 1.5 | 1.1 | 3.9 | 2.4 | 1.7 | -1.6 | -1.1 |
| 2018 | -1.1 | 0.5 | 0.4 | -2.6 | -2.4 | 0.5 | -8.7 | 1.3 | 5.0 | 2.0 | 3.4 | -0.2 | 2.0 | -3.8 | -2.7 | 1.9 |
| 2017 Dec | 5.4 | 2.2 | -4.0 | 3.6 | -5.9 | -2.0 | 22.0 | -1.4 | 5.2 | 3.9 | 3.2 | 5.8 | -7.3 | 23.6 | 8.2 | -2.2 |
| 2018 Jan | -8.9 | -8.4 | -15.8 | -16.9 | -8.2 | -16.8 | -11.4 | 1.1 | -5.5 | -15.3 | 9.8 | -7.0 | -12.6 | -2.9 | 2.2 | 3.0 |
| Feb | 7.6 | 13.1 | 23.9 | 23.1 | 5.6 | 59.5 | -18.7 | 5.9 | 15.1 | 42.4 | 8.0 | -4.4 | 7.6 | -15.9 | -9.5 | -6.5 |
| Mar | -2.1 | 2.0 | 8.4 | -1.5 | -2.7 | 6.5 | -16.6 | 1.5 | 8.3 | 5.3 | 5.3 | 1.7 | 3.8 | -6.2 | -0.5 | -0.9 |
| Apr | 0.7 | 1.0 | -1.8 | -3.9 | -1.7 | 4.6 | -1.1 | 2.4 | 11.7 | -2.4 | 7.3 | -1.8 | 1.0 | -4.7 | -2.0 | 8.2 |
| May | -0.5 | 1.5 | 2.5 | -2.3 | -2.9 | -3.1 | -8.4 | 0.8 | 6.3 | 6.4 | 10.8 | -1.2 | 0.3 | -6.0 | -2.4 | 1.5 |
| Jun | 1.4 | -0.9 | -2.8 | -3.0 | -2.1 | -2.9 | 11.0 | 0.2 | 5.5 | 1.8 | -0.1 | 7.0 | -5.5 | -8.0 | -2.5 | 4.1 |
| Jul | -3.3 | -0.9 | -5.8 | -4.9 | -1.2 | -8.4 | -14.3 | 0.5 | 4.5 | 0.1 | 1.6 | 1.3 | 3.1 | -1.5 | -4.6 | 0.5 |
| Aug | -1.2 | 1.5 | 2.3 | -2.7 | -1.3 | -7.0 | -12.7 | 1.6 | 2.3 | 2.7 | -1.7 | 5.9 | 11.4 | -0.5 | -2.3 | 4.0 |
| Sep | 1.9 | 1.6 | 0.4 | -2.5 | -3.6 | -0.6 | 3.3 | 2.1 | 3.4 | 1.9 | 2.2 | 2.1 | 12.4 | 0.6 | -2.8 | 2.0 |
| Oct | 1.1 | 1.3 | -3.9 | -4.3 | -2.5 | -0.6 | 0.4 | 1.5 | 3.7 | -2.4 | 2.0 | -1.3 | 3.4 | 20.8 | -1.4 | 5.3 |
| Nov | -1.6 | 1.1 | 8.9 | -2.9 | -2.6 | -4.7 | -13.6 | -0.7 | 6.9 | 2.5 | 3.3 | 1.1 | 6.0 | -8.4 | -4.2 | 3.1 |
| Dec ${ }^{\text {p }}$ | -5.5 | -3.0 | -2.4 | -2.3 | -4.0 | -3.9 | -18.3 | -1.3 | 1.8 | -3.8 | -4.1 | -4.2 | -2.8 | -8.6 | -2.8 | -1.1 |

${ }^{\mathrm{p}}$ Preliminary

TABLE A.3.1 PERCENTAGE CHANGE IN RETAIL SALES INDEX OVER PREVIOUS MONTH
(2017 = 100)

|  | Total | Total (excl Motor Vehicles) | Dept <br> Stores | Supermkts \& Hypermkts | Mini-marts \& Conv. Stores | Food Retailers | Motor Vehicles | Petrol Service Stations | Medical <br>  <br> Toiletries | Wearing <br>  <br> Footwear |  <br> Household <br> Equipment | Recreational Goods | Watches <br>  <br> Jewellery |  <br> Telecomm. <br> Equipment | Optical Goods \& Books | Others |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weights | 10,000 | 8,193 | 620 | 1,443 | 423 | 214 | 1,807 | 431 | 619 | 975 | 753 | 145 | 904 | 549 | 294 | 823 |
|  | At Current Prices |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 Dec | 17.4 | 18.9 | 29.3 | 10.0 | 1.7 | 11.7 | 10.3 | -3.5 | 24.1 | 40.3 | 21.7 | 37.7 | 26.8 | 12.2 | 29.7 | 6.7 |
| 2018 Jan | -13.9 | -12.2 | -19.7 | 3.0 | 8.4 | -4.2 | -21.8 | 9.6 | -13.8 | -18.1 | -8.2 | -34.2 | -19.1 | -35.4 | -26.0 | -5.1 |
| Feb | -6.6 | -3.8 | -4.2 | 3.9 | -7.8 | 26.1 | -22.3 | -4.7 | 0.9 | 5.7 | -26.9 | -5.6 | 12.1 | -26.1 | -20.2 | -10.8 |
| Mar | 3.7 | -3.3 | -4.6 | -12.6 | 3.2 | -25.0 | 51.0 | 7.5 | -1.0 | -23.1 | 19.7 | 18.4 | -9.0 | 23.5 | 17.9 | 8.0 |
| Apr | -6.0 | -4.4 | -11.9 | -1.5 | -0.6 | -5.4 | -13.1 | -1.7 | -6.7 | -5.5 | -5.5 | -8.3 | -2.9 | -9.2 | -5.5 | -0.1 |
| May | 6.1 | 5.3 | 13.9 | 5.2 | 1.3 | 0.2 | 10.4 | 2.7 | 5.6 | 9.4 | 12.0 | -0.5 | 5.4 | -5.9 | -0.9 | 3.0 |
| Jun | 1.5 | -2.0 | -6.3 | -5.2 | -2.6 | -8.6 | 17.0 | -5.6 | -1.6 | 6.4 | 5.2 | 4.1 | -6.0 | -1.0 | -7.6 | -1.1 |
| Jul | -4.6 | 1.4 | -1.7 | 2.9 | 3.1 | 9.8 | -27.6 | 7.8 | 0.6 | -1.3 | -8.2 | 2.4 | 8.5 | 3.2 | 9.6 | -1.9 |
| Aug | 2.2 | 1.9 | 6.4 | 4.2 | 3.8 | 10.9 | 4.0 | -0.6 | 1.9 | -2.8 | -5.7 | 2.6 | 2.6 | -0.4 | 1.8 | 6.2 |
| Sep | -3.8 | -4.1 | -2.5 | -6.1 | -6.7 | -8.2 | -2.5 | -1.3 | -3.8 | -9.7 | -1.9 | -6.7 | -10.2 | 22.0 | -10.4 | -0.7 |
| Oct | 4.3 | 3.7 | -0.8 | 1.3 | 2.6 | 1.9 | 7.5 | 4.6 | -0.3 | 5.1 | 4.4 | -3.7 | 5.3 | 16.3 | 8.1 | 2.7 |
| Nov | 0.7 | 1.9 | 20.4 | -4.4 | -5.2 | -3.1 | -5.2 | -9.6 | 4.9 | 10.2 | 7.0 | 9.6 | -3.8 | 1.9 | 13.0 | -2.5 |
| Dec ${ }^{\text {p }}$ | 13.0 | 14.8 | 17.3 | 10.8 | 0.7 | 12.6 | 3.1 | -6.8 | 18.1 | 34.5 | 13.2 | 30.6 | 17.2 | 12.2 | 31.9 | 4.3 |
|  | At Constant Prices |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 Dec | 17.9 | 20.0 | 30.7 | 10.1 | 2.3 | 11.5 | 8.1 | -2.7 | 23.3 | 43.1 | 22.3 | 38.6 | 27.7 | 15.1 | 29.9 | 8.3 |
| 2018 Jan | -14.3 | -13.1 | -20.5 | 2.4 | 8.3 | -4.9 | -20.2 | 8.1 | -15.1 | -19.0 | -8.2 | -35.4 | -19.8 | -37.0 | -26.1 | -5.8 |
| Feb | -6.7 | -3.9 | -4.3 | 3.5 | -8.4 | 25.4 | -22.0 | -4.6 | 1.7 | 4.7 | -27.2 | -5.3 | 12.7 | -24.4 | -20.3 | -11.1 |
| Mar | 3.6 | -3.5 | -5.5 | -12.7 | 1.5 | -24.8 | 51.4 | 7.9 | -1.1 | -23.9 | 19.4 | 19.7 | -9.0 | 24.6 | 17.7 | 7.4 |
| Apr | -6.0 | -4.4 | -11.8 | -1.5 | -0.6 | -5.3 | -12.6 | -2.8 | -5.9 | -5.7 | -5.0 | -9.0 | -3.4 | -9.9 | -5.5 | -0.1 |
| May | 6.3 | 5.3 | 14.3 | 5.2 | 1.3 | 0.0 | 10.8 | 1.0 | 5.3 | 9.5 | 11.9 | 0.8 | 6.4 | -5.8 | -0.6 | 3.1 |
| Jun | 1.8 | -1.7 | -5.5 | -5.4 | -2.8 | -8.9 | 17.3 | -5.9 | -1.8 | 7.4 | 4.5 | 5.1 | -5.6 | 0.8 | -7.2 | -0.4 |
| Jul | -5.0 | 1.2 | -2.5 | 2.6 | 3.2 | 9.3 | -27.9 | 7.6 | -0.3 | -1.9 | -8.8 | 0.1 | 9.7 | 4.8 | 9.7 | -2.7 |
| Aug | 2.3 | 2.0 | 6.4 | 4.4 | 3.9 | 11.3 | 3.9 | -1.0 | 1.7 | -3.0 | -5.8 | 2.9 | 4.7 | -2.1 | 1.8 | 6.2 |
| Sep | -3.6 | -3.8 | -2.1 | -6.3 | -7.0 | -8.2 | -2.8 | -2.9 | -2.8 | -9.3 | -1.2 | -6.2 | -10.6 | 26.0 | -10.6 | -0.3 |
| Oct | 4.1 | 3.3 | -0.7 | 1.2 | 2.3 | 1.9 | 8.1 | 2.7 | 0.0 | 5.2 | 4.2 | -3.5 | 4.0 | 13.1 | 8.1 | 2.9 |
| Nov | 1.6 | 2.9 | 20.6 | -4.4 | -5.2 | -2.9 | -5.0 | -6.3 | 6.0 | 10.0 | 7.7 | 10.7 | -2.5 | 7.3 | 13.2 | -2.7 |
| Dec ${ }^{\text {p }}$ | 13.1 | 15.2 | 17.2 | 10.8 | 0.8 | 12.4 | 2.2 | -3.3 | 17.4 | 34.4 | 13.6 | 31.3 | 17.1 | 14.9 | 31.7 | 3.9 |

[^6]TABLE A.3.2 PERCENTAGE CHANGE IN RETAIL SALES INDEX OVER PREVIOUS MONTH (SEASONALLY ADJUSTED)
$(2017=100)$

|  | Total | Total (excl Motor Vehicles) | Dept <br> Stores |  <br> Hypermkts | Mini-marts \& Conv. Stores | Food Retailers | Motor Vehicles | Petrol Service Stations | Medical <br>  <br> Toiletries | Wearing Apparel \& Footwear |  <br> Household <br> Equipment | Recreational Goods | Watches \& Jewellery | Computer \& Telecomm. Equipment | Optical Goods \& Books | Others |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weights | 10,000 | 8,193 | 620 | 1,443 | 423 | 214 | 1,807 | 431 | 619 | 975 | 753 | 145 | 904 | 549 | 294 | 823 |
|  | At Current Prices |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 Dec | 0.6 | -0.8 | -8.1 | -1.0 | -1.1 | -3.2 | 6.8 | -0.7 | 0.9 | 1.4 | -0.6 | -1.1 | -1.9 | 2.0 | 1.3 | -0.1 |
|  | -4.8 | -0.8 | 8.4 | 3.2 | 8.0 | 5.5 | -20.9 | 5.9 | 1.3 | 1.9 | -1.2 | -12.2 | -4.9 | -19.4 | -14.0 | -2.5 |
| Feb | -1.8 | 0.9 | -2.3 | -3.6 | -9.7 | -8.6 | -15.2 | 1.8 | 1.0 | 6.9 | 2.4 | 3.8 | 11.2 | -4.6 | 4.9 | 1.4 |
| Mar | 2.9 | 1.5 | 9.3 | 1.0 | 4.6 | 9.8 | 11.8 | -2.3 | -1.5 | -5.5 | 5.8 | 7.8 | 4.3 | 2.6 | 1.9 | -3.0 |
| Apr | 0.2 | -1.1 | -8.8 | -2.7 | 1.0 | -1.6 | 7.5 | 2.3 | 2.4 | -2.6 | -5.3 | -5.1 | -2.3 | 1.3 | -3.7 | 10.2 |
| May | -0.2 | 0.0 | 1.8 | 2.2 | -0.7 | -7.6 | -1.5 | -1.3 | -0.8 | 2.5 | 5.7 | -4.2 | -2.4 | -1.0 | -0.8 | -4.8 |
| Jun | 1.0 | -2.1 | -7.3 | -2.8 | 1.3 | -0.3 | 16.5 | -0.6 | -1.3 | -0.5 | -9.0 | 8.9 | 0.9 | -5.1 | -1.4 | 0.7 |
| Jul | -2.6 | 1.4 | 4.4 | 0.4 | -0.9 | 1.4 | -19.5 | 0.6 | 0.7 | 0.5 | 1.2 | -2.6 | 2.8 | 8.7 | -0.2 | 0.1 |
| Aug | 2.4 | 1.8 | 5.0 | 2.5 | 0.6 | 1.9 | 5.4 | 0.3 | -0.9 | 2.4 | 2.5 | 4.0 | 1.3 | -0.6 | 4.4 | 1.4 |
| Sep | -0.5 | -0.1 | -1.0 | -0.7 | -1.9 | 1.3 | -2.2 | 3.9 | -1.0 | -0.7 | -2.5 | 0.3 | 1.2 | -2.3 | 0.4 | 3.1 |
| Oct | 0.4 | -1.2 | -3.9 | -0.7 | 0.0 | 0.5 | 8.8 | -1.8 | 0.5 | -5.8 | 2.5 | -5.3 | -5.3 | 9.5 | 3.4 | -1.8 |
| Nov | 0.1 | 1.2 | 12.5 | 0.5 | -0.1 | -1.2 | -5.3 | -4.7 | 5.6 | 3.1 | 2.7 | 7.3 | -1.5 | -6.3 | 0.2 | -1.3 |
| Dec ${ }^{\text {p }}$ | -3.4 | -4.1 | -15.7 | 0.5 | -2.4 | -2.4 | 0.0 | -4.4 | -4.0 | -3.0 | -7.6 | -6.5 | -9.7 | 2.5 | 2.9 | -1.8 |
|  | At Constant Prices |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 Dec | 0.6 | -0.6 | -7.9 | -0.9 | -1.1 | -3.3 | 5.8 | -0.8 | 0.2 | 1.9 | -0.6 | -1.7 | -2.8 | 4.4 | 1.2 | 0.6 |
| 2018 Jan | -5.1 | -1.4 | 7.6 | 3.4 | 8.1 | 5.3 | -19.9 | 3.6 | -0.2 | 1.1 | -1.3 | -12.8 | -4.7 | -22.1 | -14.1 | -3.4 |
| Feb | -1.3 | 1.3 | -2.2 | -3.3 | -9.7 | -8.0 | -14.1 | 1.9 | 1.7 | 6.0 | 1.8 | 3.9 | 14.6 | -1.9 | 4.5 | 1.7 |
| Mar | 2.7 | 1.4 | 9.9 | -0.4 | 3.2 | 8.6 | 10.9 | -1.9 | -0.7 | -4.8 | 5.8 | 9.1 | 3.6 | 2.8 | 2.0 | -2.7 |
| Apr | 0.5 | -1.0 | -10.0 | -2.0 | 1.1 | -1.4 | 8.5 | 1.3 | 3.7 | -3.1 | -4.5 | -4.4 | -1.2 | 0.8 | -3.2 | 9.1 |
| May | -0.4 | -0.2 | 2.7 | 1.7 | -1.0 | -7.8 | -1.4 | -2.2 | -2.0 | 2.5 | 5.6 | -3.6 | -3.5 | -1.3 | -0.5 | -4.2 |
| Jun | 0.7 | -2.6 | -7.5 | -3.4 | 0.5 | -0.9 | 17.1 | 0.2 | -1.7 | -2.0 | -9.5 | 8.3 | -1.1 | -3.0 | -1.3 | 0.8 |
| Jul | -2.5 | 1.6 | 3.0 | 0.4 | -0.6 | 1.1 | -19.7 | -0.2 | 0.7 | 0.5 | 0.9 | -3.2 | 6.2 | 10.1 | 0.0 | -1.2 |
| Aug | 2.3 | 1.9 | 5.1 | 2.3 | 0.2 | 2.5 | 4.3 | -0.9 | -1.2 | 2.6 | 2.1 | 5.3 | 3.8 | -2.6 | 4.5 | 1.7 |
| Sep | 0.0 | 0.4 | -0.2 | -0.5 | -2.0 | 0.9 | -2.5 | 2.9 | -0.5 | 0.5 | -1.3 | -0.9 | 0.8 | 1.1 | 0.0 | 3.9 |
| Oct | 0.2 | -1.6 | -3.1 | -1.2 | -0.1 | 0.6 | 9.6 | -2.7 | 0.4 | -5.4 | 2.1 | -4.5 | -7.9 | 7.1 | 3.6 | -1.2 |
| Nov | 0.8 | 2.1 | 13.1 | 0.4 | -0.2 | -1.2 | -5.3 | -1.6 | 6.4 | 3.4 | 3.0 | 7.8 | -0.1 | -0.7 | 0.5 | -1.3 |
| $\operatorname{Dec}^{\text {p }}$ | -3.7 | -4.5 | -16.9 | 0.6 | -2.8 | -2.4 | 0.6 | -1.0 | -4.6 | -4.5 | -7.8 | -7.1 | -11.3 | 4.6 | 2.5 | -3.3 |

[^7]TABLE A.4.1 FOOD \& BEVERAGE SERVICES INDEX
$(2017=100)$

${ }^{\mathrm{p}}$ Preliminary

TABLE A.4.2 FOOD \& BEVERAGE SERVICES INDEX (SEASONALLY ADJUSTED)
(2017 = 100)

${ }^{\mathrm{p}}$ Preliminary

TABLE A. 5 PERCENTAGE CHANGE IN FOOD \& BEVERAGE SERVICES INDEX OVER CORRESPONDING PERIOD OF PREVIOUS YEAR

${ }^{\mathrm{p}}$ Preliminary

TABLE A.6.1 PERCENTAGE CHANGE IN FOOD \& BEVERAGE SERVICES INDEX OVER PREVIOUS MONTH

${ }^{\mathrm{p}}$ Preliminary

TABLE A.6.2 PERCENTAGE CHANGE IN FOOD \& BEVERAGE SERVICES INDEX OVER PREVIOUS MONTH (SEASONALLY ADJUSTED)

${ }^{\mathrm{p}}$ Preliminary


[^0]:    ${ }^{1}$ At current prices
    ${ }^{2}$ Seasonally adjusted
    ${ }^{3}$ Data exclude department stores cum supermarkets（e．g．hypermarkets），which is now grouped under Supermarkets \＆Hypermarkets
    ${ }^{4}$ Retail stores which sell food \＆beverages that are generally not meant for immediate consumption on their premises

[^1]:    Note: The year-on-year growth rate may differ from that derived using values which are rounded.

[^2]:    ${ }^{1}$ Data exclude department stores cum supermarkets (e.g. hypermarkets), which is now grouped under Supermarkets \& Hypermarkets
    ${ }^{2}$ Retail stores which sell food \& beverages that are generally not meant for immediate consumption on their premises

[^3]:    Food Caterers

    Other Eating Places

[^4]:    ${ }^{p}$ Preliminary

[^5]:    ${ }^{\mathrm{p}}$ Preliminary

[^6]:    ${ }^{\mathrm{p}}$ Preliminary

[^7]:    ${ }^{\mathrm{p}}$ Preliminary

