

Information Paper Series

Rebasing of the Consumer Price Index (2019 as Base Year)

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information paper
on
prices statistics

REBASING OF THE CONSUMER PRICE INDEX (CPI)
(2019 as Base Year)

Singapore Department of Statistics
February 2020

Papers in this Information Paper Series are intended to inform and clarify conceptual and methodological changes and improvements in official statistics. The views expressed are based on the latest methodological developments in the international statistical community. Statistical estimates presented in the papers are based on new or revised official statistics compiled from the best available data. Comments and suggestions are welcome.

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Please direct enquiries on this information paper to:

Consumer Price Indices Section
Singapore Department of Statistics
Tel : 6332 7700
Email : info@singstat.gov.sg

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CONTENTS

I	Introduction	1
II	What is the CPI?	1
III	Coverage and Structure of the CPI	3
IV	Types of Data Required for the Compilation of the CPI	4
V	The CPI with 2019 as Base Year	5
VI	Compilation of the CPI	8
VII	Linking of Historical Series	10
VIII	Data Dissemination	11

GLOSSARY

APPENDIX

Rebasing of the Consumer Price Index for General Households (2019 as Base Year)

I Introduction

The Department of Statistics (DOS) has rebased the Consumer Price Index (CPI) for general households from the base year of 2014 to 2019. The rebasing exercise is conducted once every five years to reflect the latest consumption patterns and composition of goods and services consumed by resident households.

2 This information paper presents the latest CPI series for general households with base year of 2019 and compares the weighting patterns and price movements between the 2019-based and 2014-based CPIs. Details such as the coverage and structure of the CPI, data collection, as well as the selection of items and outlets are also included.

II What is the CPI?

3 The CPI is designed to measure the average price changes of a fixed basket of consumption goods and services commonly purchased by the resident households over time. It measures price movement (i.e. change in prices) but not absolute price level at a point in time.

4 The CPI is widely used as a measure of the consumer price inflation. It is also used as inputs in the formulation of government economic policies, and as a means of maintaining dollar values in the compilation of economic statistics.

The CPI is not a Cost of Living Index (COLI)

5 The COLI is a theoretical concept that encompasses more than price changes, and is influenced by a variety of non-price factors such as changes in lifestyle, income level, household composition, and consumer preference. The CPI is not a COLI but is generally accepted as a proxy indicator of COLI when the basket of goods and services and the level of well-being experienced by households are relatively stable.

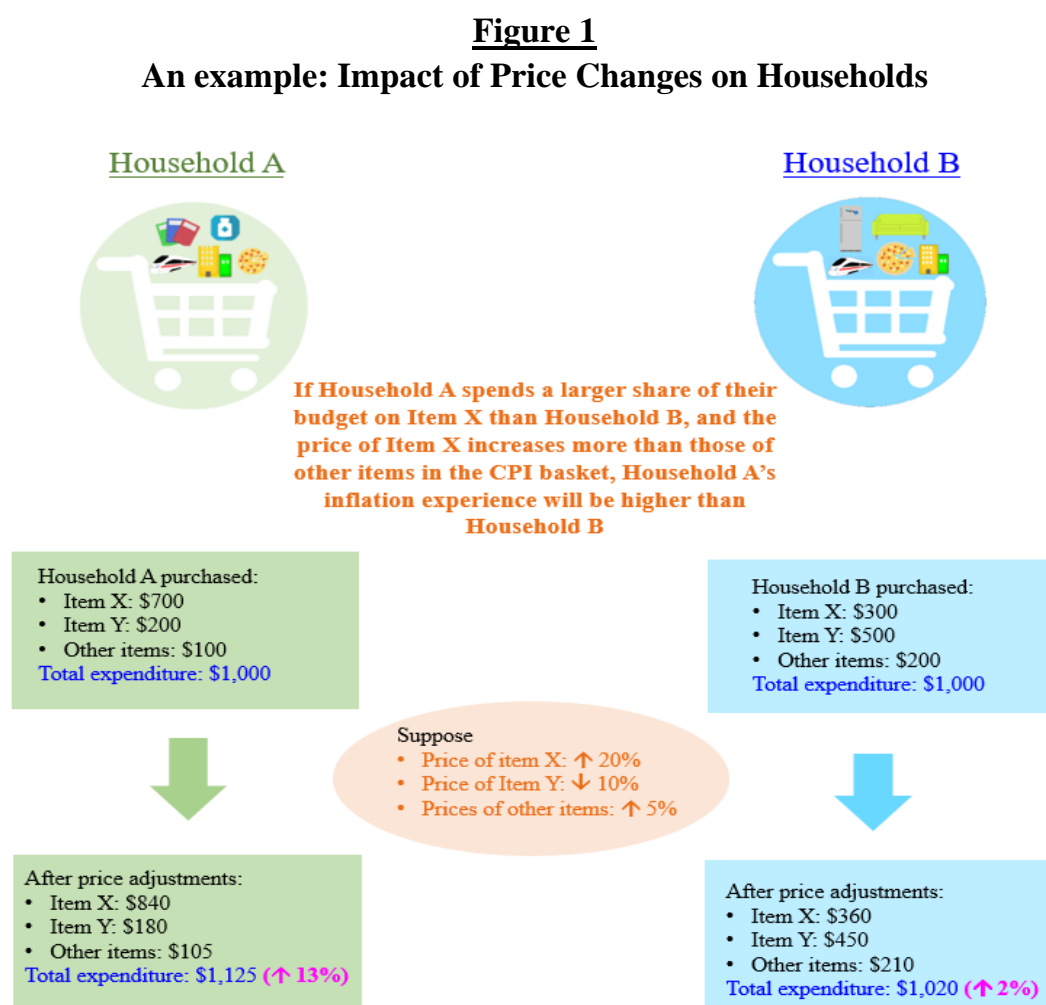
The CPI represents the average price movements across various items and outlets

6 Prices of goods and services used in the computation of CPI are collected from a large number of retailers and service providers with a wide range of varieties such as brands, sizes, packaging or type of service. While prices of some goods and services may increase significantly at one retail outlet, there may be other outlets where prices

have increased more moderately, remained stable or even declined. Taking into consideration the price movements of all these goods and services, the change in the overall CPI thus represents the average price movements across the different selected goods and services sold at various selected retailers.

The CPI reflects collective experience of inflation for all households

7 The CPI reflects the collective experience of inflation for all households. It does not correspond to the inflation experience of any particular household since every household's spending pattern is unique. Depending on the goods and services purchased by each individual household, changes in prices will impact each household to a different extent. Those who spend more on those items with rapid price increases will feel a greater impact of inflation than others, and vice versa. Figure 1 illustrates the difference in impact of price changes on two households.

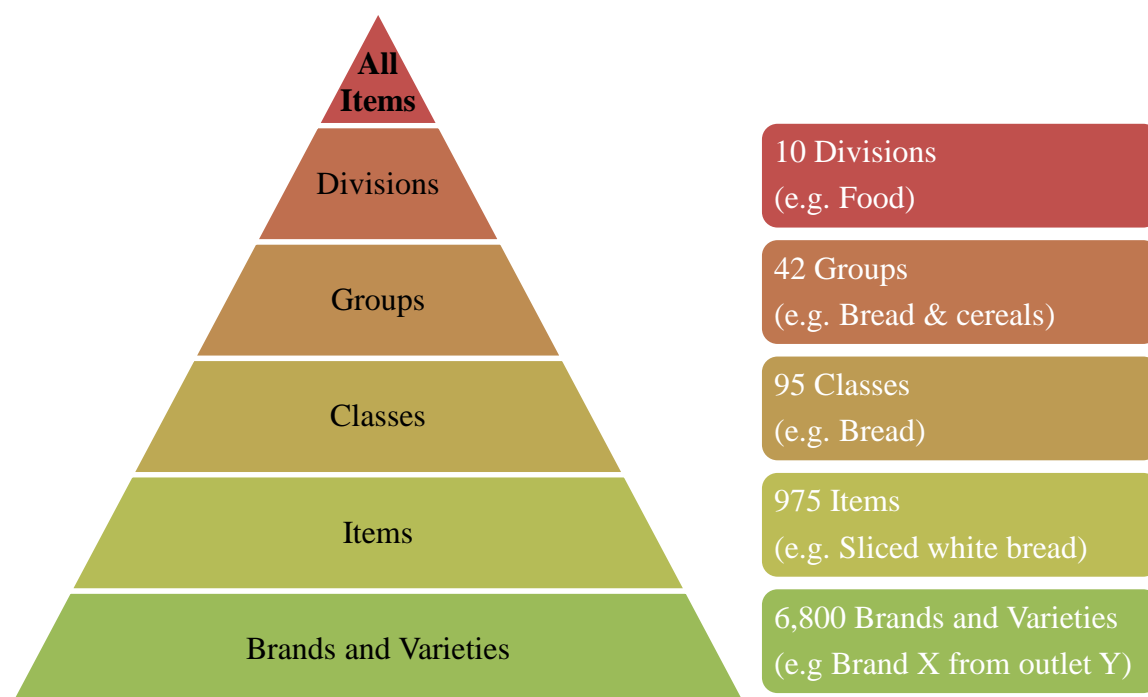


III Coverage and Structure of the CPI

8 The reference population for the CPI refers to all resident households in Singapore. Resident households are defined as households headed by Singapore Citizens or Permanent Residents. The CPI covers only household consumption expenditure incurred by resident households and excludes non-consumption expenditures such as loan repayments, income taxes, purchase of houses, shares and other financial assets etc.

9 The aggregation structure of the CPI is aligned to the framework of the Classification of Individual Consumption According to Purpose (COICOP). In COICOP, the goods and services are classified broadly into ten main divisions, namely, Food, Clothing & Footwear, Housing & Utilities, Household Durables & Services, Health Care, Transport, Communication, Recreation & Culture, Education and Miscellaneous Goods & Services. The ten main divisions in the CPI are progressively classified into finer groupings as shown in Figure 2:

Figure 2
Structure of the CPI



IV Types of Data Required for the Compilation of the CPI

10 Two types of data are required for the compilation of the CPI, i.e. weights and prices of the goods and services selected in the CPI basket.

Weights

11 In the compilation of the CPI, weights are required to reflect the relative importance of each good or service in the basket, that is, their share as a proportion of total household expenditure. Households tend to spend more on some goods and services and less on the others. As a result, price movements in different goods and services will have different impact on the households. The weights used in the CPI are derived from the expenditure values collected in the Household Expenditure Survey (HES).

Prices

12 The price data used in the compilation of the CPI are obtained from a wide range of retailers and service providers commonly patronised by households. Prices collected refer to those actually paid by consumers, that is, inclusive of taxes levied and net of subsidies/rebates granted on the specific individual good or service, where applicable. Special offers and discount prices are considered if they are valid for a sufficiently long period and the items are available in reasonable quantities (e.g. supplies are not limited to first few customers only).

13 Price data are gathered through a combination of data collection modes. Prices of most goods and services such as school fees, petrol and hospitalisation fees are obtained via postal and email enquiries, as well as administrative data. With growing prevalence of internet purchases among households, online price collection for goods and services such as apparels, travel expenses (e.g. air tickets, accommodation), and cinema tickets is also increasingly being adopted. Specifically, web crawlers are used to web scrape data from the internet where feasible. As for prices of goods and services sold at supermarkets, electronic prices are obtained from major supermarket chains, while those of hawker food items at cooked food centres, coffee shops and food courts are collected by field interviewers, using handheld devices where feasible.

14 The frequency of data collection depends on the price behaviour of the good or service. Those goods and services whose prices are volatile (e.g. perishable food items such as seafood, meat and vegetables) are surveyed every week while those with more stable prices such as service & conservancy (S&C) charges for HDB flats, utility tariffs, bus/train fares, school fees, medical services and household durables are priced monthly, quarterly, half-yearly, yearly or as and when the prices/rates change.

V The CPI with 2019 as Base Year

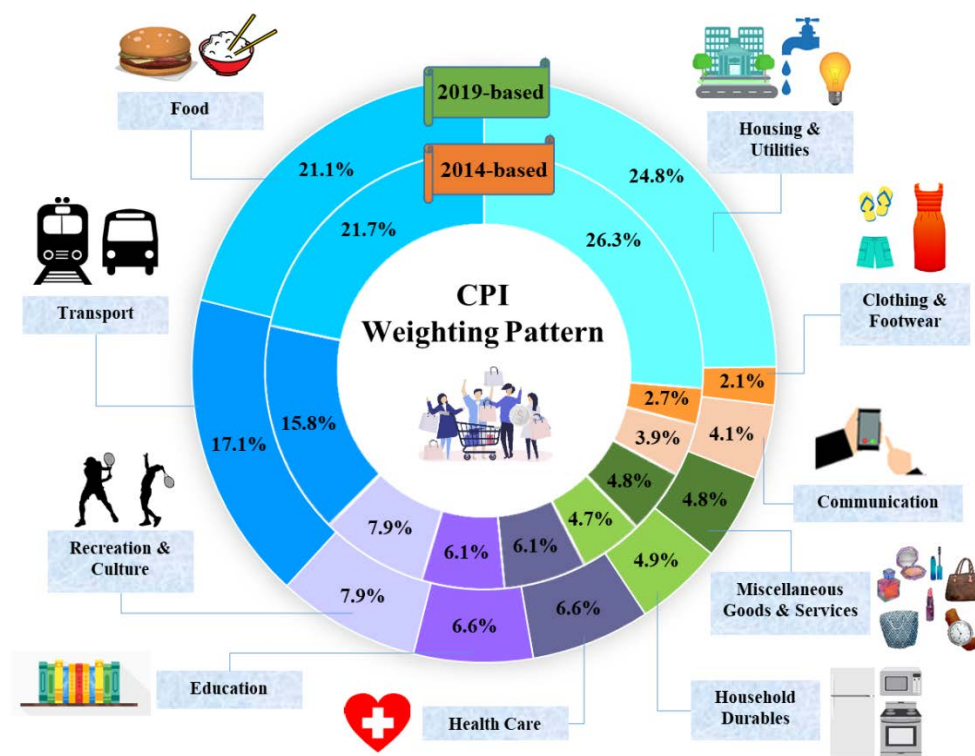
15 The objective of the CPI rebasing exercise is to update the weighting pattern and CPI basket of goods and services. It also provides an opportunity to review the coverage and methodology of the CPI, taking into account recommendations by the International Labour Organisation (ILO) and other countries' best practices.

The 2019-Based CPI Weighting Pattern

16 The base period (or the reference period) for the rebased CPI is 2019. The weighting pattern for the 2019-based CPI was derived from the expenditure values obtained from the HES conducted between October 2017 and September 2018, and updated to 2019 values by taking into account price changes between 2017/18 and 2019.

17 Figure 3 provides a comparison of weighting patterns between 2019-based and 2014-based CPIs. While the weights for food, housing & utilities and clothing & footwear declined in 2019, those for transport, communication, education, health care and household durables increased correspondingly.

Figure 3
2019-based and 2014-based CPI Weighting Pattern



Top Three Expenditure Divisions

18 In the 2019-based CPI, housing & utilities, food and transport continued to be the top three expenditure divisions. Collectively, they made up about 63.0 per cent of the total weight in the CPI, slightly lower than the 63.8 per cent in the 2014-based CPI.

19 The expenditure share for housing & utilities fell from 26.3 per cent in 2014 to 24.8 per cent in 2019, as a result of smaller shares on imputed rentals on owner-occupied accommodation and electricity.

20 Food accounted for 21.1 per cent of the total weight in 2019, slightly lower than the 21.7 per cent in 2014. This was due primarily to the slower rate of increase in the households' spending on food excluding food serving services compared to other expenditure items, resulting in a fall in its weight from 7.8 per cent in 2014 to 6.8 per cent in 2019. In contrast, higher household spending at restaurants, cafes and pubs brought the weight for food serving services up from 13.9 per cent in 2014 to 14.3 per cent in 2019, thereby contributing to more than two-thirds of the total weight for food. Nonetheless, meals at hawker centres, food courts and coffee shops continued to remain the top expenditure group under food serving services.

21 Reflecting higher expenditures on cars, point-to-point transport services and passenger air travel, the weight for transport climbed to 17.1 per cent in 2019, up from 15.8 per cent in 2014. Expenditure shares on petrol, road tax as well as general car repairs and maintenance were, however, lower.

Divisions with larger expenditure share

22 Other than transport, the weights for health care and education went up marginally from 6.1 per cent each in 2014 to 6.6 per cent each in 2019. The increases were attributed to higher expenditure on outpatient medical and dental treatment and health insurance, as well as overseas university education respectively. With higher expenditure shares on mobile & broadband services, the weight for communication edged up from 3.9 per cent in 2014 to 4.1 per cent in 2019. Similarly, the expenditure shares for household durables & services rose from 4.7 per cent in 2014 to 4.9 per cent in 2019.

Divisions with smaller or no change in expenditure share

23 Similar to housing & utilities and food, the expenditure share on clothing & footwear, which continued to be the smallest among other divisions, declined to 2.1 per cent in 2019 from 2.7 per cent five years ago. Meanwhile, the weight for recreation &

culture as well as miscellaneous goods & services remained unchanged at 7.9 per cent and 4.8 per cent respectively.

New Sample of Items and Outlets

24 The goods and services included for pricing in the CPI are carefully selected to ensure that they are representative of those commonly purchased by the majority of the households. During the latest rebasing exercise, the goods and services included in the CPI basket, and the sample of outlets from which prices were obtained were also reviewed and updated to reflect current consumption patterns.

25 For the 2019-based CPI, the number of brands/varieties selected were increased to 6,800, from the 6,600 in the 2014-based CPI. Items selected for pricing were those with relatively high weights. Those with relatively low weights were not selected and their weights were distributed to the selected akin items accordingly. This implied that their price movements were represented by similar items included in the CPI basket.

26 A number of new and emerging items were also introduced in the 2019-based CPI basket. These included avocado, hiring/rental of clothing, online video streaming, SIM-only mobile plans, private hire car services, home therapy services and dementia day care services, etc. Correspondingly, items such as prepaid international calling card, cable broadband services, pre-recorded CDs/DVDs, cordials/squashes as well as salted fish whose expenditure declined over the five-year period (between 2014 and 2019) or were no longer available were removed from the 2019-based CPI basket.

27 The total number of outlets selected for pricing in the 2019-based CPI was about 4,200. The outlets selected for pricing were based on their market shares and they covered a wide range of retailers and service providers commonly patronised by shoppers. Information on sales volume of the establishment was obtained from the Survey of Wholesale and Retail Trades to assist in the selection process. In determining the number of outlets to be recruited, considerations were also given to the price variability among outlets as well as the weight of the item priced. For those items with relatively high weights and wide price variations, more outlets and varieties were selected for pricing.

Improvements in Methodologies

28 Methodological changes were introduced in the 2019-based CPI, taking into account recommendations by the ILO and other countries' best practices. One example is the adoption of hedonic regression in the compilation of the CPI for used cars, in order to achieve a more robust quality adjustment between the obsolete and replacement models that may differ in technical specifications, make, age, mileage etc. This hedonic

quality adjustment method is suitable for rapidly changing high-technology products with substantial changes in quality within relatively short periods as well as those products with inherent qualities that seldom remain constant over time. Used cars in the Singapore CPI basket is a typical example, given their high heterogeneity of attributes.

VI Compilation of the CPI

29 The CPI is calculated using the base-weighted Laspeyres-type formula.

$$\begin{aligned}
 I_{on} &= \frac{\sum P_{nj} Q_{oj}}{\sum P_{oj} Q_{oj}} \times 100 \\
 &= \frac{\sum P_{oj} Q_{oj} \left(\frac{P_{nj}}{P_{oj}} \right)}{\sum P_{oj} Q_{oj}} \times 100 \\
 &= \sum \left[\frac{P_{nj}}{P_{oj}} \left(\frac{P_{oj} Q_{oj}}{\sum P_{oj} Q_{oj}} \right) \right] \times 100
 \end{aligned}$$

where

I_{on}	<i>is the index for period n compared with base period o,</i>
P_{nj}	<i>is the price of item j in period n,</i>
P_{oj}	<i>is the average price of item j in base period o,</i>
Q_{oj}	<i>is the quantity of item j in base period o,</i>
P_{nj} / P_{oj}	<i>is the price relative of item j between period n and base period o,</i>
$P_{oj} \times Q_{oj}$	<i>is the expenditure on item j in the base period o,</i>
$P_{nj} \times Q_{oj}$	<i>is the expenditure on the same quantity of item j in period n,</i>
Σ	<i>means the summation over all selected items within the level.</i>

30 Several stages are involved in the calculation of the CPI. At the most detailed level, a price relative is derived for each variety by taking the ratio of its current month's average price to its corresponding base period price (P_{oj}). The price relatives are aggregated to the next higher level by taking the weighted arithmetic mean using the respective weights or geometric mean where weights are not available. All indices are then aggregated in successive levels to derive the indices at next higher levels and finally the overall CPI.

31 As the CPI is compiled on a monthly basis, the yearly index is derived by taking a simple average of the 12 months' indices for the year. Likewise, the annual inflation rate for any year is computed by taking the ratio of the index for the current year compared with that of the preceding year.

Comparison of 2014-based and 2019-based CPI-All Items

32 Charts 1 – 3 compare the price trends of the 2014-based and 2019-based CPI-All Items from January to December 2019, which is the overlapping period between the two base years. The movements of the two series are generally similar. The differences in the magnitudes of change observed between the two series are attributed primarily to the differences in weighting pattern as well as the sample of items and outlets selected, coupled with their associated price changes.

Chart 1
CPI-All Items (2019 as base year)

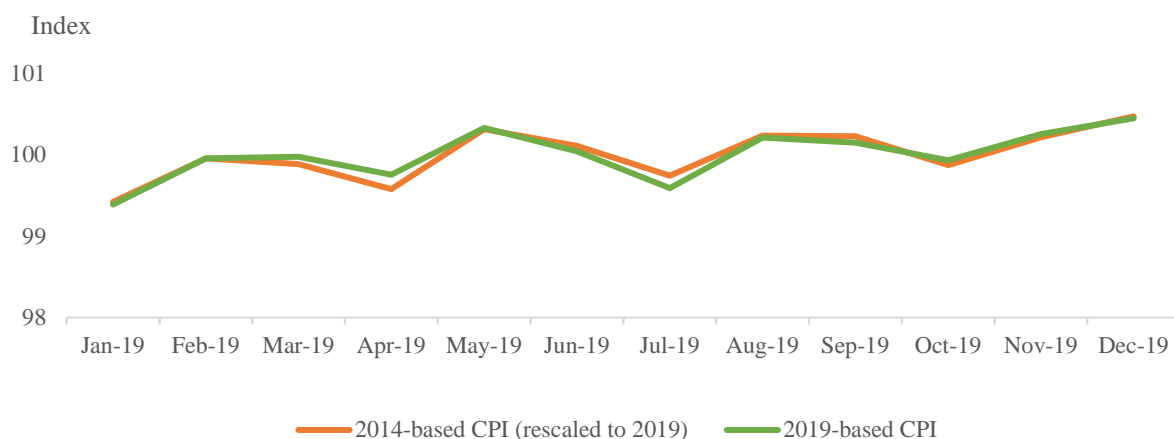


Chart 2
Month-on-Month Percent Change in CPI-All Items

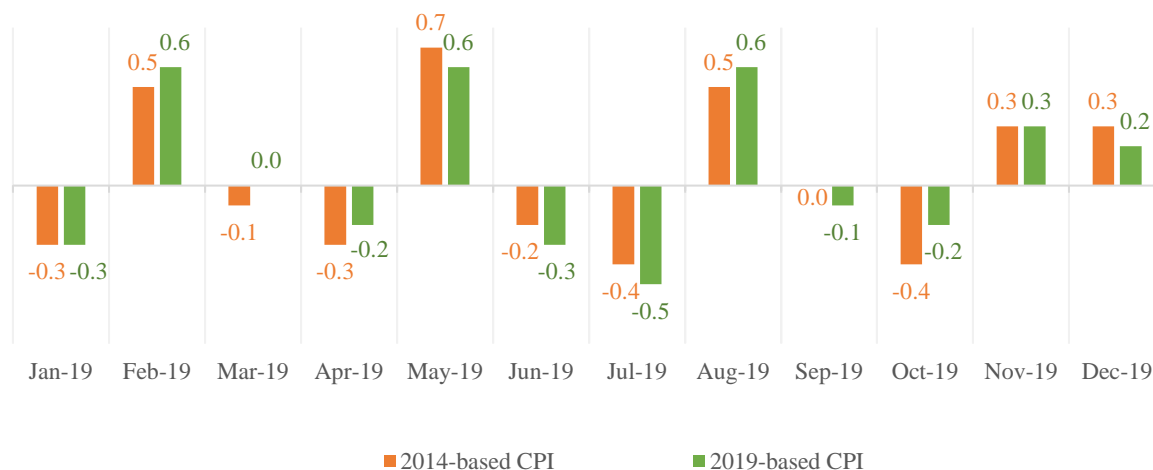
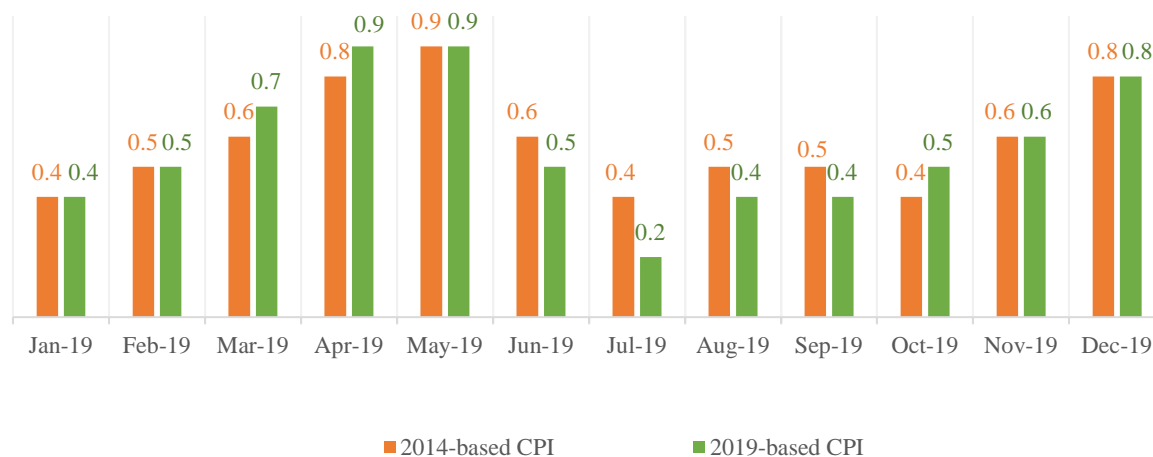


Chart 3
Year-on-Year Percent Change in CPI-All Items



VII Linking of Historical Series

33 To facilitate comparison of price changes over time, the historical CPI data series are linked to the 2019-based CPI data series by re-scaling them to the new base year of 2019 via a link factor.

VIII Data Dissemination

34 For the latest 2019-based CPI series, a review was undertaken to release more categories at class (3-digit) level, so long as their weights and data quality in terms of outlets priced are large enough. With the review, 95 categories at the class level are released, compared to 8 categories from the 2014-based CPI. The larger number of categories will allow users to track price changes at a more detailed level.

35 The 2019-based CPI series, with indices commencing from January 2019, will be released on 24 February 2020. This latest series will continue to be released on the 23rd of every month, or on the following working day if the 23rd falls on a Saturday, Sunday or a public holiday.

36 The monthly CPI press release for the latest reference month is available from the homepage of the Singapore Department of Statistics (<http://www.singstat.gov.sg>). To facilitate comparison and analysis, detailed CPI data are also made available on the Department's website for interested users (<http://www.singstat.gov.sg/tablebuilder>).

Singapore Department of Statistics
February 2020



WHAT IS CONSUMER PRICE INDEX (CPI)?

The CPI measures the **average price changes** in a **fixed basket** of goods & services **commonly purchased** by households over time.

Prices of 6,800 goods & services are collected from 4,200 outlets

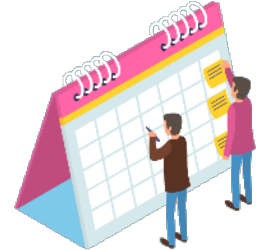
Prices are collected from a **wide range of retailers and service providers** commonly patronised by households.



Prices are obtained via **postal/email enquiries, electronic returns, webscraping websites and administrative data**. Prices of perishable food items are collected by field interviewers.



Items with volatile prices are surveyed **weekly**. Other items are surveyed **monthly, quarterly, half-yearly, yearly** or as and when prices change.



The CPI weights are derived from the Household Expenditure Survey

The **Household Expenditure Survey** collects information on the consumption expenditure of resident households.



Households' spending on goods & services varies. The CPI weights reflect the **relative importance** of each item, averaged for all households.



Every five years, the CPI basket and weights are updated, and the CPI methodology reviewed based on **international recommendations**.

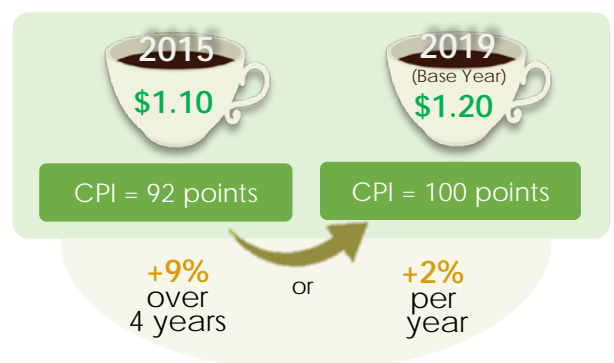
Interpreting the CPI

CPI measures price movements

If the CPI for bread is **135** points, it means that price of bread has risen **35%** since the base year.



If the CPI for coffee increased from **92** points to **100** points over 4 years, it means that price of coffee has risen **9%** over 4 years or **2%** per year.



The CPI for general households is released on the **23rd of every month**, or on the following day if the 23rd falls on a Saturday, Sunday or on a public holiday.



View the CPI press releases, reports, and data series from the SingStat Website at www.singstat.gov.sg

Glossary

GLOSSARY OF TERMS AND DEFINITIONS

Aggregation

The process of combining lower level price indices to produce higher level indices.

All Items

Highest level of the CPI, containing all the expenditure divisions, groups and classes.

Base period

The period with which all the other periods are compared. The base period for the current CPI is 2019 and the index for 2019 is set equal to 100 points.

Brand

The lowest level of aggregation in the CPI. The varieties of goods and services covered under a brand are usually relatively homogeneous.

Class

The third level of the COICOP structure. There are 95 expenditure classes in the 2019-based CPI.

Classification of Individual Consumption According to Purpose (COICOP)

This classification is designed for use in the collection and compilation of data that requires classifying individual consumption expenditure according to their primary “purpose” or “function”.

Consumer Price Index (CPI)

The CPI is designed to measure the average price changes in a fixed basket of consumption goods and services commonly purchased by the resident households over time.

Consumers

Individual persons or groups of persons living together as households.

Cost of living index (COLI)

An index that measures the change between two periods in the minimum expenditures that would be incurred by a utility-maximizing consumer in order to maintain a given level of utility (or standard of living).

CPI basket

A specified set of quantities of goods and services commonly consumed by households and priced for the purpose of compiling the CPI.

Current month / year

The most recent period for which the index has been compiled.

Division

The first level of the COICOP structure. There are 10 main expenditure divisions in the 2019-based CPI.

Electronic prices

Data derived from the scanner/transaction information on sales of consumer goods obtained by scanning the bar codes for individual products at electronic points of sale in retail outlets.

Geometric mean of price relatives (GM)

An elementary price index defined as the un-weighted geometric average of the sample price relatives. Also known as the Jevons price index.

Group

The second level of the COICOP structure. There are 42 expenditure groups in the 2019-based CPI.

Hedonic regression

The use of a regression model for quality adjustment in which the price of a product is expressed as a function of its characteristics.

Household

A household refers to a group of two or more persons living together in the same house and sharing common food or other arrangements for essential living. It also includes a person living alone or a person living with others but having his own food arrangements. Although persons may be living in the same house, they may not be members of the same household.

Household consumption expenditure

Expenditure on consumer goods and services acquired, used or paid for by households. It excludes non-consumption expenditure such as loan repayments, income taxes, purchase of houses.

Household Expenditure Survey (HES)

The Household Expenditure Survey (HES) collects detailed information on the latest consumption expenditure of resident households in Singapore. Conducted once in five years since 1972/73, the HES also obtains households' demographic and socio-economic characteristics and ownership of consumer durables. Results of the survey are used for expenditure and income studies as well as to update the weighting pattern and the basket of goods and services for the compilation of the CPI.

Imputed rentals

A concept under the rental equivalence method and refers to the expected rental a homeowner would have to pay if he/she were a tenant of the premises. Imputed rentals have no impact on the cash expenditures of most households in Singapore as they already own their homes.

Inflation

A term commonly used to refer to changes in price levels over a period of time. The annual inflation rate for any year is computed by taking the ratio of the CPI for the current year compared with that of the preceding year.

Link factor

A ratio used to join a new index series to an old index series to form a continuous series.

Linking

The technique used to join together two consecutive sequences of price indices that overlap in one or more periods to form one continuous series.

Online price collection

Extraction of prices from websites for the compilation of CPI, including web scraping which is an automated process that collects online prices.

Outlet

A shop, market, service establishment, internet seller, or other place from where goods and/or services are sold or provided to consumers.

Owner-occupied accommodation

Dwellings owned by the households that live in them. The dwellings are fixed assets that their owners use to produce housing services for their own consumption and these services being usually included within the scope of the CPI. The value of the services provided may be imputed by the rents payable on the market for equivalent accommodation.

Price change

The change in the price of a good or service of which the characteristics are unchanged; or the change in the price after adjusting for any change in quality.

Price index

A composite measure of the prices of items expressed relative to a defined base period.

Price movements

Changes in price levels between two or more periods. Movements can be expressed as price relatives, or as percentage changes.

Price relative

The ratio of the price of an individual product in one period to the price of that same product in some other period.

Price updating

A procedure whereby the quantities in an earlier period are revalued at the prices of a later period. For the 2019-based CPI, expenditure values collected from the Household Expenditure Survey (HES) 2017/18 were price updated to 2019, taking into account price changes between 2017/18 and 2019.

Quality adjustment

The process of adjusting the observed prices of a product to remove the effect of any changes in the quality of that product over time so that pure price change may be identified.

Rebasing

Rebasing refers to changing the base period of an index series. In the 2019-based CPI rebasing exercise, the base period was changed from 2014 to 2019.

Reference population

The set of households included within the scope of the index. For the 2019-based CPI, the reference population is all resident households in Singapore.

Resident households

Resident households refer to households headed by Singapore Citizens or Permanent Residents.

Specification

A description or list of the characteristics that can be used to identify an individual sampled product to be priced.

Subsidies

Refers to government financial assistance that lead to a reduction in the price of a specific individual good or service paid by households. Examples include rebates on Service and Conservancy Charges (S&CC), infant and childcare subsidies, education subsidies, public rental subsidies, as well as subsidies granted under the Community Health Assist Scheme (CHAS), Pioneer Generation Package (PGP) and Merdeka Generation Package (MGP).

Taxes

Financial charges applied to goods and services produced or delivered by registered suppliers engaged in taxable activity. Examples include Goods and Services Tax (GST), excise duty on cigarettes & alcoholic drinks as well as petrol & diesel duty.

Variety

An individual product that is selected for pricing within a brand (the lowest level of aggregation in the CPI).

Weights

The measure of the relative importance of each good or service in the basket, that is, their share as a proportion of total household expenditure.

Appendix

**WEIGHTING PATTERN FOR 2014-BASED AND 2019-BASED CONSUMER PRICE INDEX
(PER 10,000)**

Division, Group and Class	2019-based CPI	2014-based CPI
ALL ITEMS	10,000	10,000
FOOD	2,110	2,167
FOOD EXCLUDING FOOD SERVING SERVICES	682	774
Bread & Cereals	127	141
Rice	20	24
Flour	2	2
Bread	34	37
Noodles & Pasta	11	12
Biscuits & Cookies	14	16
Cakes & Pastries	39	40
Other Cereals	7	10
Meat	107	120
Pork, Chilled	34	37
Beef, Chilled	8	8
Mutton, Chilled	4	3
Poultry, Chilled	27	30
Meat, Frozen	12	15
Meat Preparations	22	27
Fish & Seafood	99	118
Fish, Chilled	58	66
Fish, Frozen	3	2
Other Seafood	21	25
Seafood Preparations	17	25
Milk, Cheese & Eggs	74	93
Formula Milk Powder	27	38
Other Milk & Dairy Products	35	43
Eggs	12	12
Oils & Fats	14	16
Butter & Other Fats	4	5
Cooking Oils	10	11
Fruits	86	84
Tropical Fruits, Fresh	30	31
Citrus, Berries & Other Fruits, Fresh	44	41
Preserved Fruits & Nuts	12	12

**WEIGHTING PATTERN FOR 2014-BASED AND 2019-BASED CONSUMER PRICE INDEX
(PER 10,000)**

(continued)

Division, Group and Class	2019-based CPI	2014-based CPI
Vegetables	86	95
Leafy Vegetables, Fresh	33	31
Fruit Vegetables, Fresh	15	18
Root Vegetables, Fresh	16	18
Other Vegetables & Preparations	22	28
Sugar, Preserves & Confectionery	25	30
Sugar	2	3
Confectionery & Ice-cream	18	22
Sugar Preserves & Spread	5	5
Non-alcoholic Beverages	38	46
Coffee & Tea	15	15
Soft Drinks	11	15
Other Beverages	12	16
Other Food	26	31
FOOD SERVING SERVICES	1,428	1,393
Restaurant Food	539	486
Fast Food	82	85
Hawker Food	791	806
Hawker Centres	160	n.a.
Food Courts & Coffee Shops	631	n.a.
Catered Food	16	16
CLOTHING & FOOTWEAR	212	273
Clothing	153	201
Men's Clothing	42	57
Women's Clothing	93	120
Children's Clothing	18	24
Other Articles & Related Services	10	13

**WEIGHTING PATTERN FOR 2014-BASED AND 2019-BASED CONSUMER PRICE INDEX
(PER 10,000)**

(continued)

Division, Group and Class	2019-based CPI	2014-based CPI
Footwear	49	59
Men's Footwear	20	24
Women's Footwear	25	29
Children's Footwear	4	5
HOUSING & UTILITIES	2,484	2,625
Accommodation	2,197	2,287
Utilities & Other Fuels	287	338
Water Supply	83	75
Refuse Collection	16	14
Electricity	159	215
Gas	29	34
HOUSEHOLD DURABLES & SERVICES	493	475
Household Durables	198	179
Furniture	62	63
Furnishings	17	3
Other Household Textiles	15	23
Household Appliances	78	59
Utensils & Others	26	31
Household Services & Supplies	295	296
Non-durable Household Goods	43	51
Domestic & Household Services	252	244
HEALTH CARE	655	615
Medicines & Health Products	120	140
Medicines & Vitamins	91	109
Medical Products	29	31
Outpatient Services	302	212
Fees at Polyclinics	20	13
Fees at General Practitioners (GP) Clinics	29	44
Fees at Specialist Outpatient Clinics	155	83
Dental Services	46	30
Paramedical Services	52	42
Hospital Services	151	211

**WEIGHTING PATTERN FOR 2014-BASED AND 2019-BASED CONSUMER PRICE INDEX
(PER 10,000)**

(continued)

Division, Group and Class	2019-based CPI	2014-based CPI
Health Insurance	82	52
TRANSPORT	1,707	1,579
Private Transport	1,221	1,149
Cars	743	573
Motorcycles	16	14
Petrol	194	250
Other Private Transport	268	312
Public Transport	310	304
Bus & Train Fares	162	174
Point-to-point Transport Services	124	105
Other Public Transport	24	25
Other Transport Services	176	126
Air Fares	170	121
Other Transport	6	5
COMMUNICATION	411	385
Postage & Courier Services	2	2
Telecommunication Equipment	26	19
Telecommunication Services	383	364
RECREATION & CULTURE	789	788
Recreational & Cultural Goods	121	138
Information Processing Equipment	29	32
Audio-visual Equipment & Others	23	34
Games & Toys	26	30
Pets & Related Products	13	14
Other Recreational & Cultural Goods	30	28
Recreational & Cultural Services	198	250
Sport Services & Other Fees	105	109
Cinema Tickets	21	33
Charges To Places Of Interest	7	16
Other Recreational & Cultural Services	65	92

**WEIGHTING PATTERN FOR 2014-BASED AND 2019-BASED CONSUMER PRICE INDEX
(PER 10,000)**

(continued)

Division, Group and Class	2019-based CPI	2014-based CPI
Newspapers, Books & Stationery	34	50
Newspapers & Magazines	13	21
Books & Stationery	21	29
Holiday Expenses	436	350
Package Tours	314	282
Hotels & Other Expenses	122	68
EDUCATION	663	615
Tuition & Other Fees	656	606
Primary Education	28	26
Secondary Education	35	32
Other General, Vocational & Higher Education	392	351
Enrichment & Supplementary Courses	201	197
Textbooks & Study Guides	7	9
MISCELLANEOUS GOODS & SERVICES	476	478
Personal Care	229	244
Hairdressing	37	46
Personal Grooming Services	56	56
Other Personal Care	136	142
Alcoholic Drinks & Tobacco	73	100
Spirits & Wine	11	15
Beer	10	12
Cigarettes	52	73
Personal Effects	80	64
Jewellery & Watches	27	12
Other Personal Effects	53	52
Social Services	24	12
Other Miscellaneous Services	70	58

LIST OF ITEMS AND OUTLETS SELECTED FOR PRICING IN THE 2019-BASED CPI

Division, Group and Class	Examples of Items Priced	Examples of Outlets of Price Information
FOOD EXCLUDING FOOD SERVING SERVICES		
Bread & Cereals		
Rice	Thai white jasmine rice, Thai white rice, Brown/red rice, Vietnam jasmine rice, Calrose white rice, Japanese rice, Basmati rice	Wet markets, Supermarkets (including online supermarkets), Confectioneries & bakeries
Flour	Wheat flour, Corn flour, Pancake flour mix	
Bread	Ordinary white bread, Vitamin enriched white bread, Wholemeal bread, Fruit loaf, Chilled / frozen bread, Wraps, French loaf, Buns, Rolls	
Noodles & Pasta	Fresh noodles, Instant noodles, Rice noodles, Rice vermicelli, Pasta	
Biscuits & Cookies	Butter cookies, Chocolate cookies, Digestive biscuits, Cream crackers	
Cakes & Pastries	Nonya, Chinese, Malay & Indian cakes / pastries, Western cakes, Curry puffs, Fruit / cream rolls & puffs, Waffles (including pancakes), Doughnuts, Tarts	
Other Cereals	Rolled oats, Breakfast cereals, Muesli & cereal bars, Instant cereal drinks, Baby cereal	
Meat		
Pork, Chilled	Loin, Shoulder, Lean & fat, Belly, Side, Leg	Wet markets, Supermarkets (including online supermarkets)
Beef, Chilled	Brisket, Rumpsteak, Striploin / Sirloin, Rib-eye, Tenderloin, Minced, Cubes	
Mutton, Chilled	Loin	
Poultry, Chilled	Whole chickens, Spring chickens, Chicken wings, Chicken thighs / drumsticks, Chicken fillets / breasts, Ducks	
Meat, Frozen	Pork Loin, Pork belly, Pork side, Beef cubes, Whole chickens, Chicken wings, Chicken thighs, Chicken fillets / breasts	
Meat Preparations	Bacon, Cooked ham, Chicken & pork sausages / hotdogs, Chicken nuggets, Meatballs, Luncheon meat, Meat pies, Grilled meat (bak kwa), Meat floss, Canned pork / beef / chicken, Roasted pork / chicken / duck, Satay	

LIST OF ITEMS AND OUTLETS SELECTED FOR PRICING IN THE 2019-BASED CPI*(continued)*

Division, Group and Class	Examples of Items Priced	Examples of Outlets of Price Information
Fish & Seafood		
Fish, Chilled	Cod, Gold banded scad (kuning), Grouper, Horse mackerel (selar), Mackerel (kembong), Pomfret, Salmon, Ray, Sea bass, Sea bream (ang ko li), Snapper, Spanish mackerel (batang), Threadfin (kurau), Coral (delah), Sheng yu, Milkfish	Wet markets, Supermarkets (including online supermarkets), Chinese medicine stores, Dried seafood stores
Fish, Frozen	Cod, Saba, Sutchi	
Other Seafood	Prawns, Squids, Scallops	
Seafood Preparations	Dried anchovies (ikan bilis), Dried silver fish, Sardines, Tuna, Dried prawns, Dried scallops, Dried oysters, Dried cuttlefish, Dried sea slugs / cucumber, Abalone, Clams, Limpets, Fish cakes, Fish balls, Fish fingers / fillets, Sotong balls, Fish/prawn crackers, Fish floss, Fish otar, Crab sticks	
Milk, Cheese & Eggs		
Formula Milk Powder	Infant milk powder (less than 1 year old), Children milk powder	Supermarkets (including online supermarkets), Wet markets
Other Milk & Dairy Products	Fresh milk, UHT milk, Condensed milk, Evaporated milk, Cultured milk, Yoghurt drink, Adult milk powder, Cheese, Soya bean milk, Yoghurt, Pure dairy sterilised cream, Creamer	
Eggs	Hen eggs, Quail eggs, Salted & preserved eggs	
Oils & Fats		
Butter & Other Fats	Margarine, Butter, Peanut Butter	Supermarkets (including online supermarkets)
Cooking Oils	Cooking oil, Canola oil, Sesame oil, Olive oil, Sunflower oil	
Fruits		
Tropical Fruits, Fresh	Bananas, Coconuts, Dragon fruits, Guavas, Mangoes, Honey dews, Papayas, Pineapples, Avocados	Wet markets, Supermarkets (including online supermarkets)
Citrus, Berries & Other Fruits, Fresh	Oranges, Apples, Grapes, Pears, Lemons, Strawberries, Blueberries, Kiwis	

LIST OF ITEMS AND OUTLETS SELECTED FOR PRICING IN THE 2019-BASED CPI*(continued)*

Division, Group and Class	Examples of Items Priced	Examples of Outlets of Price Information
Fruits <i>(continued)</i>		
Preserved Fruits & Nuts	Canned fruits, Dates, Dried longans, Prunes, Dried mangoes, Cranberries, Raisins, Pistachio nuts, Peanuts, Cashew nuts, Ginkgo nuts, Lotus seeds, Mixed nuts, Almonds, Dried horse chestnuts, Macadamia nuts, Chia seeds, Pumpkin seeds, Sunflower seeds	
Vegetables		
Leafy Vegetables, Fresh	Asparagus, Chinese white cabbage, Broccoli, Cabbage, Cauliflower, Celery, Chinese kale (kailan), Baby bok choy (nai bai), Kang kong, Lettuce, Spinach (por choy / puay leng / bayam), Small mustard (chye sim), Spring onions, Taiwan peh chye	Wet markets, Supermarkets (including online supermarkets), Chinese medicine stores
Fruit Vegetables, Fresh	Bitter gourds, Chillies, Corns, Cucumbers, Egg plants, French beans, Green peppers, Ladies' fingers, Long string beans, Pumpkins, Tomatoes	
Root Vegetables, Fresh	Potatoes, Sweet potatoes, Onions, Garlics, Gingers, Carrots, Radishes, Lotus roots, Turnips, Yams	
Other Vegetables & Preparations	Bean sprouts, Golden mushrooms (enoki), Brown mushrooms, Shitake mushrooms, French fries, Hash brown, Mixed vegetables, Dried chillies, Dried mushrooms, Dried seaweed, Dried fungi, Kimchi, Pickled lettuce, Button mushrooms, Straw mushrooms, Young corns, Red, green & black beans, Beancurds, Preserved bean curd (hoo joo), Tau pok, Bean curd sticks, Fermented beans, Baked beans, Potato chips, Nachos, Popcorn	
Sugar, Preserves & Confectionery		
Sugar	White sugar, Rock sugar, Brown sugar, Sweetener	Wet markets, Supermarkets (including online supermarkets)
Confectionery & Ice-cream	Sweets, Chocolates, Gummies, Jelly / pudding, Ice-cream (stick/tub)	
Sugar Preserves & Spread	Kaya, Jam, Honey, Chocolate spread	

LIST OF ITEMS AND OUTLETS SELECTED FOR PRICING IN THE 2019-BASED CPI*(continued)*

Division, Group and Class	Examples of Items Priced	Examples of Outlets of Price Information
Non-alcoholic Beverages		
Coffee & Tea	Coffee powder, Instant coffee, Chinese & flower tea, Tea bags, Herbal tea, Japanese green tea	Supermarkets (including online supermarkets), Chinese medicine stores
Soft Drinks	Aerated soft drinks, Non-aerated soft drinks	
Other Beverages	Malted cocoa-based beverages, Mineral Water, Orange juice, Carrot juice, Prune juice, Mixed fruit juice	
Other Food	Mushroom soups, Chicken broths/cubes, Baby food puree, Clam chowder, Soy sauces, Oyster sauces, Tomato sauces, Chilli sauces, Pasta sauces, Salt, Mayonnaise, Salad dressings, Vinegar, Pre-packed Chinese herbal preparations, Seasoning sauces, Curry powder, Curry pastes/sauces, Pepper powder, Spice powder, Star anise, Pandan leaf, Assorted 'yong tau hoo', Sushi, Jelly powder, Herbal jelly	Wet markets, Supermarkets (including online supermarkets), Chinese medicine stores
FOOD SERVING SERVICES		
Restaurant Food	Buffet meals, Dim sum, Chinese cuisine, Malay / Indonesian / Indian food, Italian / Korean / Japanese / Thai / Vietnamese food, Western food, Cakes & pastries, Desserts, Coffee & tea, Soft drinks, Float / milk shake / ice cream / sundae, Fruit juices, Beer & stout, Wine & spirits, Wedding lunch / dinner	Restaurants, Cafes, Pubs, Hotels
Fast Food	Burgers & sandwiches, Fried chicken, Fried fish, French fries, Set meals, Hot & cold beverages, Ice cream / sundaes / milk shakes	Fast food restaurants
Hawker Food	Coffee / tea without milk, Coffee / tea with milk, Mee rebus, Fish ball noodles, Chicken rice, Economical rice, Chicken nasi briyani, Roti prata plain, Fried carrot cake, Ice kacang	Hawker centres, Food courts, Coffee shops, Snack bars, Food kiosks
Catered Food	Regular meal catering (including confinement food), Buffet catering	Food caterers

LIST OF ITEMS AND OUTLETS SELECTED FOR PRICING IN THE 2019-BASED CPI

(continued)

Division, Group and Class	Examples of Items Priced	Examples of Outlets of Price Information
CLOTHING & FOOTWEAR		
Clothing		
Men's Clothing	Shirts (including made-to-measure), T-shirts, Suits, Jackets / sweaters, Jeans, Trousers / pants (including made-to-measure), Shorts & bermudas, Sarong, Swimming trunks, Parka / overcoat, Briefs / boxers, Socks, Singlets	Supermarkets, Department stores, Clothing stores (including online stores), Sporting equipment stores, Tailoring / dressmaking shops, Personal care stores, Uniform shops
Women's Clothing	Blouses (including made-to-measure), T-shirts, Dresses (including made-to-measure), Skirts / pant-suits, Jackets / Blazers, Cardigans, Pants / slacks, Jeans, Skirts, Shorts & bermudas, Sarong, Sari, Swimming costumes, Leggings / Tights, Parka / overcoat, Brassieres, Panties, Pyjamas & night-dresses, Socks / Stockings, Girdles, Long Johns	
Children's Clothing	Shirts, T-shirts, Trousers / pants / jeans / shorts & bermudas, School uniforms, Swimming trunks / costumes, Jackets / sweaters, Briefs / panties, Socks, Blouses, Dresses, Skirts, Gift sets, Vests, Rompers	
Other Articles & Related Services	Belts, Neckties, Scarves, Shawls, Caps / hats, Mittens, Bibs, Laundry, Dry cleaning, Laundrette (self-service), Alteration of dresses / pants, Hiring of wedding / evening gowns	Supermarkets, Department stores, Clothing stores for men / women / children (including online stores), Sporting equipment stores, Laundry shops, Laundromats, Bridal studios
Footwear		
Men's Footwear	Dress shoes, Sports shoes, Sandals, Slippers	Department stores, Shoe stores (including online stores), Sporting equipment stores, Children's products stores
Women's Footwear	High heel shoes, Flat shoes, Sports shoes / sneakers, Dress sandals, Slippers	
Children's Footwear	Sports shoes, Sandals / slippers	

LIST OF ITEMS AND OUTLETS SELECTED FOR PRICING IN THE 2019-BASED CPI*(continued)*

Division, Group and Class	Examples of Items Priced	Examples of Outlets of Price Information
HOUSING & UTILITIES		
Accommodation	Monthly rentals for whole house & rooms (including hostels), Imputed rentals for housing, Monthly service & conservancy charges for HDB flats, Management fees for non-landed private housings, Repairs & renovation of house / room, Housing insurance	Government agencies, Universities, Town councils, Management Corporation Strata Titles, Renovation contractors, Hardware stores, Insurance companies
Utilities & Other Fuels		
Water Supply	Water price for domestic consumption (including water-borne fees & water conservation tax)	Government agencies, LPG retailers, Electricity retailers
Refuse Collection	Monthly domestic refuse removal fees for direct / indirect collection	
Electricity	Electricity cost for domestic consumption	
Gas	Gas tariffs for domestic consumption of piped gas, Liquefied petroleum gas (LPG)	
HOUSEHOLD DURABLES & SERVICES		
Household Durables		
Furniture	Beds, Wardrobes, TV cabinets, Tables, Chairs, Sitting room sets, Dining room sets, Kitchen cabinets, Shoe racks, Wall mirrors	Furniture stores, Renovation contractors, Electrical & electronic appliance stores, Department stores, Supermarkets (including online supermarkets), Carpet specialists, Fabric stores, Homeware stores, Air-conditioning specialists
Furnishings	Mattresses, Ceiling lights, Lamps, Posters & photo frames	
Other Household Textiles	Pillows & bolsters, Pillows / mattress protectors, Bedsheets, Quilts, Curtain materials, Roller blinds, Linens, Door / bathroom mats	
Household Appliances	Refrigerators, Air-conditioners, Vacuum cleaners, Washing machines / dryers, Air purifiers, Microwave / electric ovens, Water heaters, Cookers & burners, Biometric door lock system, Water filter, Dehumidifier, Irons, Fans, Rice cookers, Kettles, Coffee makers, Mixers / blenders, Electrical steamboat, Air fryers, Oven toasters, Repairs & servicing of air-conditioners	

LIST OF ITEMS AND OUTLETS SELECTED FOR PRICING IN THE 2019-BASED CPI*(continued)*

Division, Group and Class	Examples of Items Priced	Examples of Outlets of Price Information
Household Durables <i>(continued)</i>		
Utensils & Others	Chinaware, Plastic ware, Glassware, Forks, spoons & knives, Choppers, Pots & pans, Can openers, Ladles, Plastic colander, Chopping boards, Plastic pails, Laundry baskets, Dustbins, Ironing boards, Vacuum flasks, Electric bulbs / fluorescent tubes, Power adapters, Torch lights, Electrical extension cords, Hand tools, Padlocks, Batteries, Gardening tools	
Household Services & Supplies		
Non-durable Household Goods	Laundry soap powder, Liquid laundry detergents, Fabric softeners, Fabric bleach, Dishwashing detergents, Floor cleaners, Disinfectants, Glass, kitchen & drain pipe cleaners, Brushes & mops, Kitchen towels, Disposable cups, plates, forks & spoons, Storage bags, Aluminium foil, Air fresheners, Insecticides, Joss sticks / paper, Clothes' hangers & pegs, Baby feeding accessories, Hooks, Kitchen lighters, Wiper sheets, Candles, Thermo flasks, Weighing machines	Supermarkets (including online supermarkets), Homeware stores, Furniture stores, Personal care stores, Children's products stores, Department stores, Maid agencies, Confinement nanny agencies, Gardening & pest control specialists, Government agencies
Domestic & Household Services	Salaries for foreign domestic workers (FDWs), Government levies on FDWs, Part-time domestic house cleaning charges, Garden maintenance fees, Pest extermination services, Confinement nanny services	
HEALTH CARE		
Medicines & Health Products		
Medicines & Vitamins	Pills / tablets / capsules, Syrup, Lozenges & medicinal sweets, Vitamins, Calcium supplements, Royal Jelly, Manuka honey, Cod liver oil, Omega-3 fatty acids, Evening primrose oil, Probiotics, Joint & bone health supplements, Dried birds' nest, Prepared birds' nest, Chinese fine herbs, Chinese general herbs, Essences / extracts, Chinese pills, Fruit Salt, Cooling Water	Pharmacies, Supermarkets (including online supermarkets), Chinese medicine stores, Eyewear shops, Health products / equipment stores

LIST OF ITEMS AND OUTLETS SELECTED FOR PRICING IN THE 2019-BASED CPI*(continued)*

Division, Group and Class	Examples of Items Priced	Examples of Outlets of Price Information
Medicines & Health Products <i>(continued)</i>		
Medical Products	Antiseptic cream, Eye drops, Medicated ointments / oils / plasters, External application gels, Nose inhalers, Plasters, Cotton wools, Dressings, Digital thermometers, First aid kits, Pregnancy test kits, Face masks, Knee supports, Blood glucose meters, Spectacles, Contact lenses, Solution for contact lens, Blood pressure meters, Walkers, Hand held massagers, Massage chairs, Wheelchairs, Hearing aids	
Outpatient Services		
Fees at Polyclinics	Medical fees at polyclinics	Polyclinics, Acute hospitals, National specialty centres, Medical clinics, Dental clinics, Traditional Chinese Medicine clinics, Rehabilitation service providers
Fees at General Practitioners (GP) Clinics	Medical fees at general practitioners (GP) clinics	
Fees at Specialist Outpatient Clinics	Medical fees for specialist services (e.g. obstetrics & gynaecology, cardiology, ophthalmology, dialysis, oncology etc.)	
Dental Services	Tooth extraction, Scaling & polishing, Filling, Root canal treatment, Orthodontic / dentures fitting costs, Crowning, X-ray	
Paramedical Services	Diagnostic imaging & investigation fees, Health screening programmes, Ambulance services, TCAM (Traditional, Complementary & Alternative Medicine) services, A&E consultation fees, Rehabilitation services, Home care services	
Hospital Services		
	Ward charges, Daily treatment fees, Surgical operation fees, Diagnostic imaging & investigation fees, Delivery fees (including maternity packages), Physiotherapy charges	Acute hospitals, Nursing homes, Community hospitals
Health Insurance		
	Medical health insurance (e.g. MediShield Life, Integrated Shield plans)	Government agencies, Insurance companies

LIST OF ITEMS AND OUTLETS SELECTED FOR PRICING IN THE 2019-BASED CPI*(continued)*

Division, Group and Class	Examples of Items Priced	Examples of Outlets of Price Information
TRANSPORT		
Private Transport		
Cars	New & used cars	Car / motorcycle dealers, Supermarkets, Sporting equipment stores, Car part & accessories stores, Tyres shops, Petrol companies, Motor vehicle service centres, Mobile automotive mechanics, Bicycle repair shops, Driving centres, Government agencies, Motor vehicle inspection centres, Car rental service providers, Insurance companies
Motorcycles	Motorcycles & scooters	
Petrol	Petrol, 98 Octane / 95 Octane / 92 Octane	
Other Private Transport	Bicycles, Car tyres, Batteries, Spark plugs, Oil filters, Brake shoes / pads, Cleaning & maintenance products, Engine / motor oil, Diesel, Repairs & servicing of cars / motorcycles & scooters / bicycles, Car wash & grooming, Driving lesson fees, Driving test fees, Driving licence fees, Car inspection fees, Parking fees, Electronic road pricing charges, Toll charges, Road taxes, Car rentals, Car / motorcycle insurance	
Public Transport		
Bus & Train Fares	Bus fares, Train fares	Government agencies, Taxi & private hire car companies, Private bus / coach companies
Point-to-point Transport Services	Fares for taxi & private hire car	
Other Public Transport	Commuting fares to & from school & office, Coach fares	
Other Transport Services		
Air Fares	Air fares for full-fledged & low-cost carriers	Travel agencies, Airlines, Ferry companies, Moving service providers, Insurance companies
Other Transport	Sea fares, Moving services / removal charges, Delivery of goods, Travel insurance	
COMMUNICATION		
Postage & Courier Services	Postage for letters, Courier / despatch services	Postal & courier service providers
Telecommunication Equipment	Telephones, Mobile phones, Handsfree / blue-tooth headsets, Mobile phone chargers & accessories	Telecommunication service providers, Electrical & electronic appliance stores

LIST OF ITEMS AND OUTLETS SELECTED FOR PRICING IN THE 2019-BASED CPI*(continued)*

Division, Group and Class	Examples of Items Priced	Examples of Outlets of Price Information
Telecommunication Services	Telephone call charges, Telephone value added service charges, Mobile phone subscription fees, Mobile phone call charges, Mobile phone charges for SMS & MMS, Mobile phone add-on-services charges, Prepaid calling cards, Internet subscription fees, Internet usage charges, Bundled packages for fixed line, mobile & broadband services	Telecommunication service providers
RECREATION & CULTURE		
Recreational & Cultural Goods		
Information Processing Equipment	Personal computers & laptops, Tablet computers, Printers, Mouse, Computer software, Printer cartridges	Electrical & electronic appliance stores, Online IT retailers, Electrical & electronic repair service providers, Musical instrument stores, Supermarkets, Department stores, Children's products stores, Sporting equipment stores, Personal care stores, Florists (including those at wet markets), Pet shops, Government agencies, Veterinary clinics
Audio-visual Equipment & Others	Television sets, Hi-fi & home theatre systems, Soundbars, Digital cameras, Memory cards, Dry cabinets, Tripods, General servicing of televisions / laptops	
Games & Toys	Board games, Electronic / video games, Toys	
Pets & Related Products	Food for pets, Dog's collars, Equipment & accessories for fishes	
Other Recreational & Cultural Goods	Pianos, Guitars, Violins, Tuning of pianos, Sports goods, Sportswear, Potted plants, Cut flowers, Flower / fruit bouquets, Artificial flowers, Flower pots/plates, Veterinary charges / treatment fees for pets, Grooming services for pets	
Recreational & Cultural Services		
Sport Services & Other Fees	Admission charges to games & sports matches, amusement parks, Gym membership fees, Bowling fees, Rentals of sports facilities, Subscription fees for country / golfing clubs, Coin-operated entertainment fees, Course fees for sports, recreational, cultural & art lessons, Rental of KTV room	Cinemas, Concert halls, Places of interest, Amusement parks, Sports / recreational facilities, Pay-TV providers, Online digital service providers, Gyms, Community centres, Town councils
Cinema Tickets	Admission charges to cinemas	
Charges To Places Of Interest	Admission charges to places of interest	

LIST OF ITEMS AND OUTLETS SELECTED FOR PRICING IN THE 2019-BASED CPI*(continued)*

Division, Group and Class	Examples of Items Priced	Examples of Outlets of Price Information
Recreational & Cultural Services <i>(continued)</i>		
Other Recreational & Cultural Services	Admission charges to concert halls, Subscription fees for Pay-TV & online video streaming, Bridal Packages, Rental of facilities for social functions	
Newspapers, Books & Stationery		
Newspapers & Magazines	Newspapers (including electronic subscription), Magazines	Bookstores (including online bookstores), Newsagents
Books & Stationery	Books, Comics, Dictionaries, Exercise books & writing pads, Copy paper, Pencils, Pens, Greeting cards, Files, Highlighters, Posters, Tapes, Rulers, Erasers	
Holiday Expenses		
Package Tours	Package tours, Free & easy package tours	Hotels, Home-stay providers, Local resorts / chalets, Travel agencies (including online travel agencies)
Hotels & Other Expenses	Local & overseas accommodation charges, Rentals of bungalows & chalets	
EDUCATION		
Tuition & Other Fees		
Primary Education	Primary school miscellaneous fees	Preschools, Government agencies, Primary schools, Secondary schools, Junior Colleges, Institute of Technical Education, Polytechnics, Local & overseas universities, Private education institutions
Secondary Education	Secondary school & miscellaneous fees	Tuition centres, Enrichment centres, Music schools, Language centres, Community centres, Online course providers
Other General, Vocational & Higher Education	Playgroup fees, Childcare centre fees, Kindergarten fees, Junior colleges school & miscellaneous fees, Fees for Institute of Technical Education, Fees for diploma / bachelor's degree / master's degree	
Enrichment & Supplementary Courses	Course fees for professional preparatory / academic subjects / IT (including online courses) / enrichment / music / language / other certificate courses	
Textbooks & Study Guides	School textbooks & reference books, Assessment books / papers	Bookstores (including online bookstores)

LIST OF ITEMS AND OUTLETS SELECTED FOR PRICING IN THE 2019-BASED CPI

(continued)

Division, Group and Class	Examples of Items Priced	Examples of Outlets of Price Information
MISCELLANEOUS GOODS & SERVICES		
Personal Care		
Hairdressing	Haircut, Hair colouring / highlighting, Hair perming, Hair treatment, Rebonding / straightening, Hair styling	Hairdressing salons, Beauty salons, Supermarkets (including online supermarkets),
Personal Grooming Services	Facial treatment, Slimming treatment, Manicure & pedicure, Spa treatment (including body massage), Eyebrow shaping / embroidery, Waxing, Eyelash extension	Electrical & electronic appliance stores, Department stores, Personal care stores
Other Personal Care	Electric shavers, Hairdryers, Perfumes & colognes, Deodorants & body sprays, Aromatherapy products, Face cream & cleansing products, Face powder, Eye cream & make-ups, Lipsticks, Hand & body lotions, Suntan lotions & sunblock, Talcum powder, Shampoos, Hair cream, Hairstyling products, Hair dyes & colourants, Hair accessories, Toilet soaps, Shower foams, Toothpastes, Toothbrushes, Dental flosses, Razors, Sanitary napkins, Diapers, Toilet rolls, Tissue paper, Facial cottons, Nail clippers	
Alcoholic Drinks & Tobacco		
Spirits & Wine	Brandy, Whisky, Liqueur, Vodka, Red & white wine, Tonic wine, Champagne, Sake	Supermarkets (including online supermarkets), Tobacco companies
Beer	Beer, Stout	
Cigarettes	Cigarettes	
Personal Effects		
Jewellery & Watches	Watches, Clocks, Costume jewellery	Supermarkets (including online supermarkets), Department stores, Jewellery stores, Handbag stores, Luggage stores, Children's products stores, Eyewear shops
Other Personal Effects	Women's handbags, Wallets & purses, Suitcases, Pouches, School bags, Passport cases, Cosmetic bags, Shopping trolleys, Baby carrier, prams & strollers, Children's car seats, Bouncing cradles, Umbrellas, Sunglasses	

LIST OF ITEMS AND OUTLETS SELECTED FOR PRICING IN THE 2019-BASED CPI*(continued)*

Division, Group and Class	Examples of Items Priced	Examples of Outlets of Price Information
Social Services	Student care services, Day care services, Infant care services	Student care centres, Day care centres, Infant care centres
Other Miscellaneous Services	Term-life insurance, Housing mortgage loan insurance, Accident insurance, Bank charges, Subscriptions to trade unions, professional clubs & societies, Passport fees, Legal service fee, Employment agency commission fee for foreign domestic worker (FDW), Overdue charges for late return of library books, Identity card registration / replacement fees, Fees for funeral services	Insurance companies, Financial institutions, Legal firms, Trade unions, Professional clubs & societies

Project Team

PROJECT TEAM

Deputy Directors

Mrs Foo-Wu Wen Chee
Ms Ng Mei Khee
Mr Foo Chuanyang
Ms Koh Wee Ling

Senior Assistant Directors / Assistant Director

Mdm Foo Cheng Wen
Ms Chau Wun
Mr Koh Jie Cheng Arthur

Statistician

Ms Ng Zhe Jing Sarah

Lead Manager

Mrs Phang Ee Li

Managers

Ms Shen Peixuan
Ms Lee Ling Xuan Ruth

Assistant Managers

Ms Ang Pei Qi
Ms Yong Li Min Jessica
Mr Goh Wei Ming
Ms Lim Yie Poh Cynthia
Mr Khoo Pin Jun
Ms Ho Si Hui Sylvia
Ms Lee Jia Wen
Ms Teo Zi Hui Jacqueline
Ms Lam Lee Yuen

Executives / Corporate Support Officers

Mr Tan Swee Guan
Ms Lilian Koh
Mr Chong Seow Woon
Mr Lee Jee Teck

SINGAPORE DEPARTMENT OF STATISTICS INFORMATION DISSEMINATION SERVICES

Statistics Singapore Website

The *Statistics Singapore Website* was launched by the Singapore Department of Statistics (DOS) in January 1995. Internet users can access the website by connecting to:

www.singstat.gov.sg

Key Singapore statistics and resources are available via the following sections:

- **What's New**
Obtain latest data for key economic and social indicators, browse news releases by DOS and Research and Statistics Units (RSUs) of other public sector agencies.
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Choose from almost 50 topics to access the relevant statistics, press releases, infographics, charts, storyboards, videos and references.
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The SingStat Mobile App provides users with on-the-go access to latest key Singapore official statistics and ASEAN statistics via their mobile devices. The app allows visualisation of data with over 200 charts of commonly used statistics from 28 data categories. Users can also opt to receive notifications on updates to their preferred indicators, organise data categories in the order of their preference, download tables or share charts via social media, perform computation for quick analyses and bookmark indicators for quick access. The app is available for downloading in iOS and Android devices. More information is available at www.singstat.gov.sg/our-services-and-tools/singstat-mobile-app.

SINGAPORE DEPARTMENT OF STATISTICS
INFORMATION DISSEMINATION SERVICES (*cont'd*)

SingStat Table Builder

The SingStat Table Builder contains data series from 60 public sector agencies providing a comprehensive statistical view of Singapore economic and socio-demographic characteristics. Users may create customised data tables, and export them in different file formats and download multiple tables at one go. APIs for commonly accessed tables are provided in JSON and CSV formats for ease of data retrieval. In addition, developer APIs are available for users to customise and use the parameters available to define queries. Explore data trends with this digital service at www.singstat.gov.sg/tablebuilder.

Really Simple Syndication

Really Simple Syndication (RSS) is an easy way to stay updated on the latest statistical news released by DOS. The SingStat RSS feed delivers statistical news highlights and hyperlinks to the source documents whenever the updates are posted. More information is available at www.singstat.gov.sg/whats-new/really-simple-syndication-rss

E-survey

The E-survey enables business organisations to complete and submit their survey forms through the internet. Using secured encryption protocols, the E-survey ensures that the information transmitted through the net is secured and protected. The system features online helps and validation checks to assist respondents in completing their survey forms. With the E-survey, respondents do away with the tedious paper work and manual tasks of mailing or faxing their survey returns to DOS.

Statistical Enquiries and Feedback

If you have any statistical enquiries or feedback on our services, you are welcomed to:

- | | | | |
|---|-----------|----|--|
|  | E-mail us | at | info@singstat.gov.sg |
|  | Fax to us | at | (65) 6332-7689 |
|  | Call us | at | 1800-3238118* (local callers)
(65) 6332-7738 (overseas callers) |

* Calls from mobile telephone lines to 1800 local toll free number may be subject to mobile airtime charges as imposed by the relevant mobile service provider.