



# Singapore Manufactured Products & Domestic Supply Price Indices December 2023

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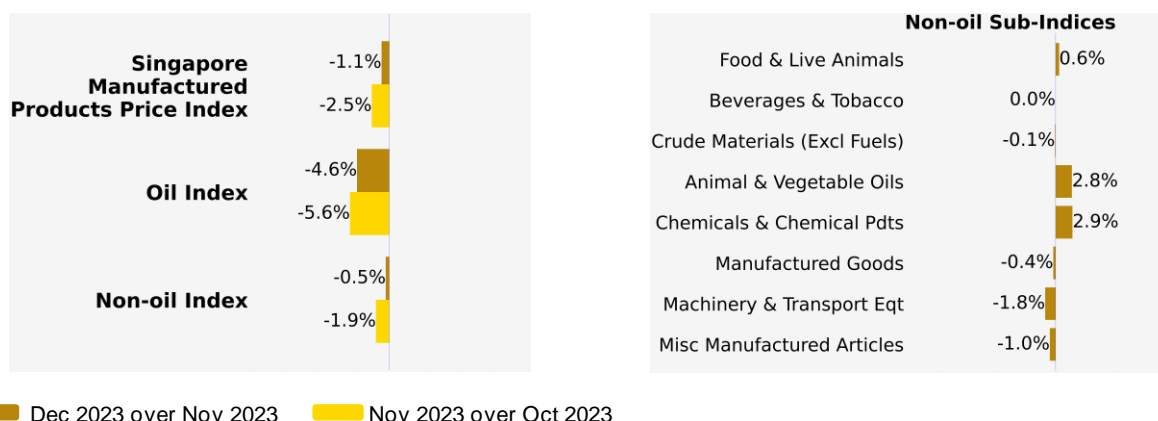
**SINGAPORE MANUFACTURED PRODUCTS &  
DOMESTIC SUPPLY PRICE INDICES, December 2023  
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# Singapore Manufactured Products Price Index (2018 = 100) December 2023

## Month-on-Month Change



The Singapore Manufactured Products Price Index fell 1.1% in December 2023, following the 2.5% decrease in November 2023. The Oil index dropped 4.6%, extending the 5.6% decrease in the previous month. The Non-oil index declined 0.5% in December 2023, continuing the 1.9% decrease in November 2023.

Among the Non-oil sub-indices, the decreases were led by the Machinery & Transport Equipment (-1.8%) and Miscellaneous Manufactured Articles (-1.0%) indices, mainly due to lower prices of electrical machinery apparatus and scientific instruments respectively. The decreases were partially offset by increases in the Chemicals & Chemical Products (2.9%) index, mainly due to higher prices of organic chemicals, and the Food & Live Animals (0.6%) index.

## Year-on-Year Change



The Singapore Manufactured Products Price Index fell 2.4% in December 2023 from a year ago, following the 4.5% decrease in November 2023. The Oil and Non-oil indices dropped 2.7% and 2.4% respectively.

For the Non-oil sub-indices, lower prices of Crude Materials (-11.9%), Animal & Vegetable Oils (-7.8%), Chemicals & Chemical Products (-2.8%), Machinery & Transport Equipment (-2.8%) and Manufactured Goods (-2.5%) were partially offset by higher prices of Beverages & Tobacco (3.9%), Food & Live Animals (1.5%) and Miscellaneous Manufactured Articles (0.1%).

## Annual Change

The Singapore Manufactured Products Price Index fell 4.5% in 2023 over 2022, reversing the 14.9% increase in 2022. This was due to lower prices of Animal & Vegetable Oils (-22.1%), Oil (-13.0%), Chemicals & Chemical Products (-7.7%), Crude Materials (-2.2%), Manufactured Goods (-2.1%), Machinery & Transport Equipment (-1.5%) and Miscellaneous Manufactured Articles (-0.4%).

# Domestic Supply Price Index (2018 = 100) December 2023

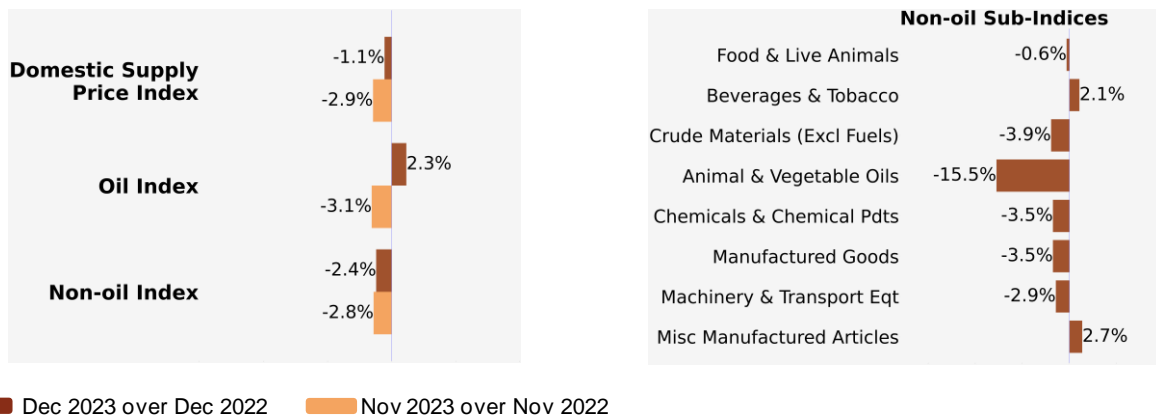
## Month-on-Month Change



The Domestic Supply Price Index fell 2.6% in December 2023, following the 3.1% decrease in November 2023. The Oil index dropped 5.4%, extending the 6.6% decrease in the previous month. The Non-oil index declined 1.4% in December 2023, after the 1.5% decrease in November 2023.

Among the Non-oil sub-indices, the decreases were led by the Machinery & Transport Equipment (-1.8%) and Chemicals & Chemical Products (-1.4%) indices, mainly due to lower prices of electrical machinery apparatus and organic chemicals respectively. The decreases were partially offset by increases in the Food & Live Animals (0.2%) index.

## Year-on-Year Change



The Domestic Supply Price Index declined 1.1% in December 2023 from a year ago, following the 2.9% decrease in November 2023. The Oil index rose 2.3% while the Non-oil index fell 2.4%.

For the Non-oil sub-indices, lower prices of Animal & Vegetable Oils (-15.5%), Crude Materials (-3.9%), Chemicals & Chemical Products (-3.5%), Manufactured Goods (-3.5%), Machinery & Transport Equipment (-2.9%) and Food & Live Animals (-0.6%) were partially offset by higher prices of Miscellaneous Manufactured Articles (2.7%) and Beverages & Tobacco (2.1%).

## Annual Change

The Domestic Supply Price Index decreased 6.7% in 2023 over 2022, in contrast to the 18.6% increase in 2022. This was due to lower prices of Animal & Vegetable Oils (-21.2%), Oil (-16.1%), Chemicals & Chemical Products (-5.7%), Manufactured Goods (-3.9%) and Machinery & Transport Equipment (-1.6%).

## Technical Note

The **Singapore Manufactured Products Price Index (SMPPI)** monitors price changes of locally manufactured commodities. The weights of the index are derived from the distribution of local production by commodity in 2018. Ex-factory prices are obtained from principal manufacturers of the items concerned.

The **Domestic Supply Price Index (DSPI)** is designed to measure the changes in the price level of goods manufactured locally or imported which are retained for use in the domestic economy by the government, business or household sectors. For imported products, the prices refer to those paid by importers in bringing the goods into Singapore, commonly referred to as c.i.f. prices. In the case of Singapore manufactured products, the quotations used are ex-factory prices. The weight for each commodity item is proportional to the value of its total supply or availability in the domestic market in 2018.

### Index Formula

The 2018-based series is compiled using the 'modified Laspeyres' formula where the weight reference period of 2017 preceded the price reference period of 2018. The geometric mean formula has been adopted in the computation of unweighted elementary aggregate price indices. The arithmetic mean formula is applied in compiling indices at higher levels of aggregation where weights of specific sub-indices are available.

### Measurement of Changes in Price Indices

*Change over previous month* compares the index of the month with that of the preceding month. Such comparisons measure the change in the price index between two consecutive months. They serve as useful short-term indicators of the price movements.

*Change over same period of previous year* measures change in the index over a twelve-month period. Such comparisons compare the movement in the price index between similar months in two consecutive years.

### Linking the Old 2012-Based Price Index Series to the New 2018-Based Price Index Series

The SMPPI and DSPI have been rebased from base year 2012 to base year 2018. To facilitate comparison of the historical price indices across base years, the old 2012-based series are linked to the new 2018-based series by re-scaling them via a Linked Coefficient. The Linked Coefficient is the ratio of the annual 2018-based index in 2018 to the annual 2012-based index in 2018.

Example: Linking the old Iron & Steel Index series for SMPPI prior to 2018, to the 2018-based Iron & Steel Index (2018=100)

#### 1) Calculate the linked coefficient

| Year | Iron & Steel Index (2012=100) | Iron & Steel Index (2018=100) | Linked Coefficient        |
|------|-------------------------------|-------------------------------|---------------------------|
| 2018 | 78.0                          | 100.0                         | $100.0 \div 78.0 = 1.282$ |

#### 2) Re-scaling the old series to the 2018-based series using the Linked Coefficient

| Year | Month | Iron & Steel Index (2012=100) | Iron & Steel Index (2018=100) |
|------|-------|-------------------------------|-------------------------------|
| 2016 | Dec   | 70.8                          | $70.8 \times 1.282 = 90.8$    |
| 2017 | Jan   | 71.4                          | $71.4 \times 1.282 = 91.5$    |



### Linking Method for Maintaining the Old Index Reference Period

To continue the old 2012-based index series going forward in time, re-scale the new 2018-based index series to the old base year 2012 level, via a Linked Coefficient. The Linked Coefficient is the ratio of the annual 2012-based index in 2018 to the annual 2018-based index in 2018.

Example: Linking the new 2018-based Iron & Steel Index series for SMPPI to the 2012-based Iron & Steel Index (2012=100)

1) Calculate the linked coefficient

| Year | Iron & Steel Index (2018=100) | Iron & Steel Index (2012=100) | Linked Coefficient        |
|------|-------------------------------|-------------------------------|---------------------------|
| 2018 | 100.0                         | 78.0                          | $78.0 \div 100.0 = 0.780$ |

2) Re-scaling the new series to the 2012-based series using the Linked Coefficient

| Year | Month | Iron & Steel Index (2018=100) | Iron & Steel Index (2012=100) |
|------|-------|-------------------------------|-------------------------------|
| 2019 | Jan   | 105.6                         | $105.6 \times 0.780 = 82.4$   |
| 2019 | Feb   | 104.7                         | $104.7 \times 0.780 = 81.7$   |

### Index Revision

The indices may be revised when late returns and amendments received from respondents are incorporated.

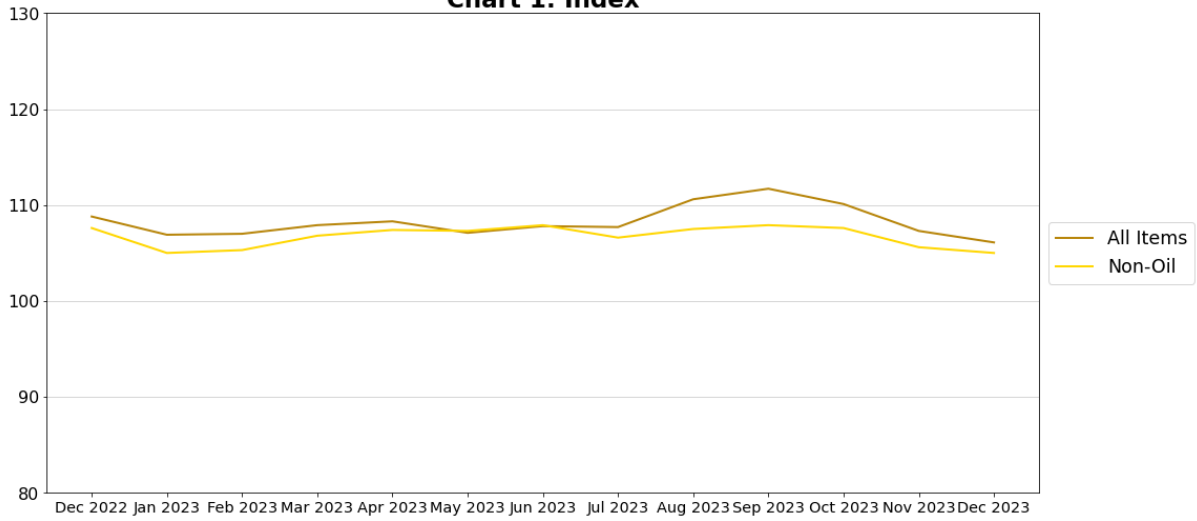
### Dissemination of Data

The Singapore Manufactured Products and Domestic Supply Price Indices are available on the SingStat Website ([www.singstat.gov.sg/tablebuilder](http://www.singstat.gov.sg/tablebuilder)). Excel tables for this month's report are available at <https://www.singstat.gov.sg/publications/economy/producer-price-indices> or through the QR code below:

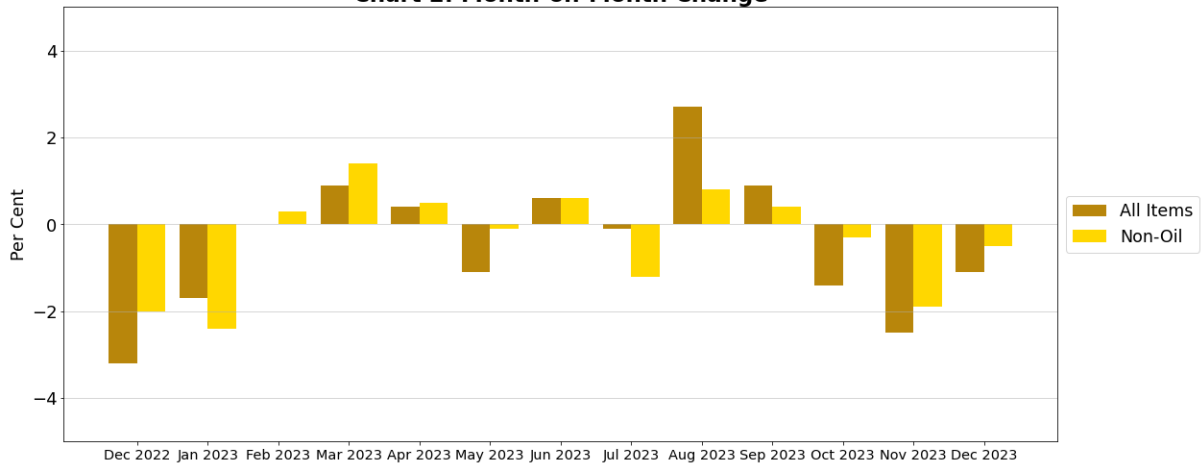


# Singapore Manufactured Products Price Index (2018 = 100) December 2023

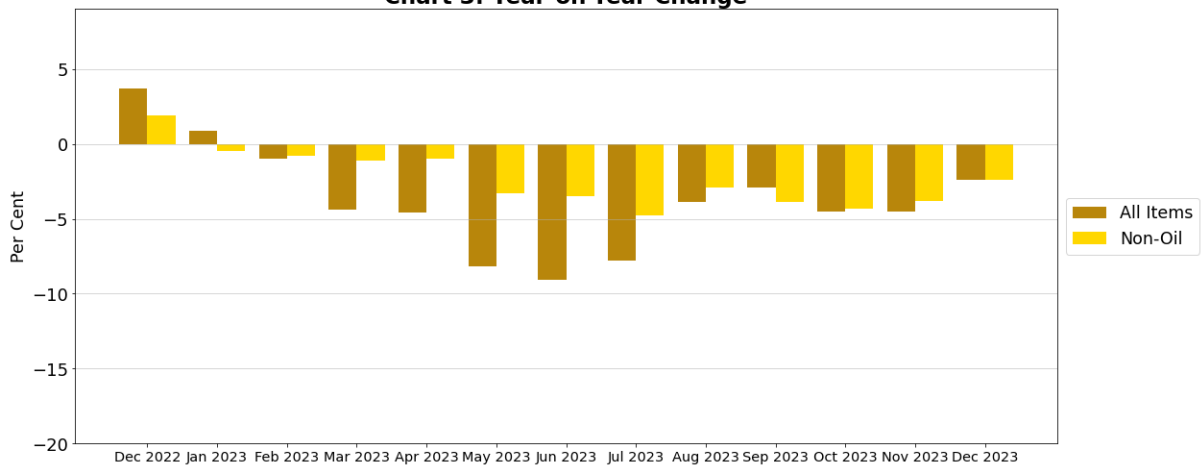
**Chart 1: Index**



**Chart 2: Month-on-Month Change**

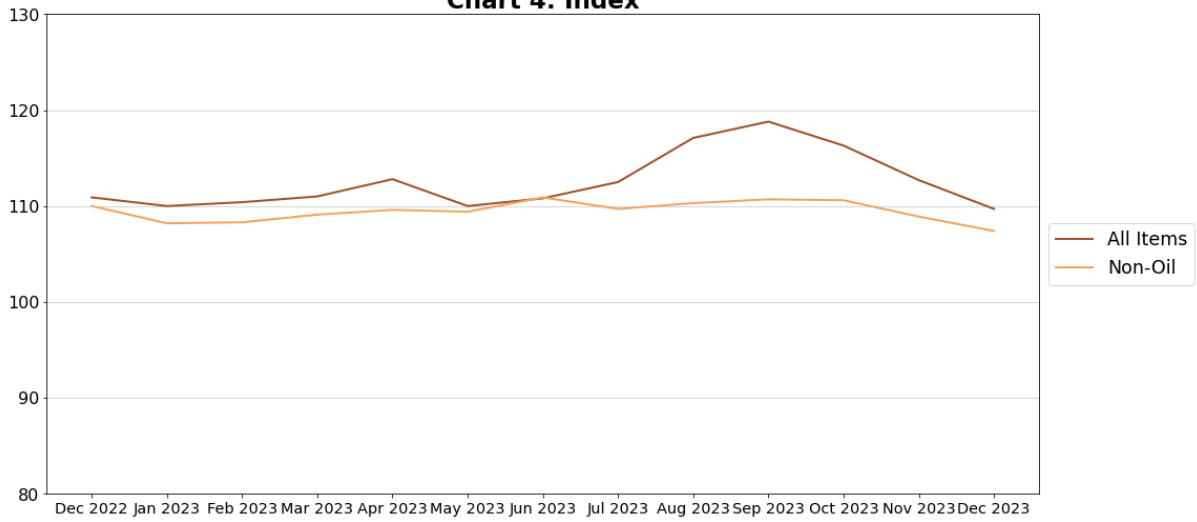


**Chart 3: Year-on-Year Change**

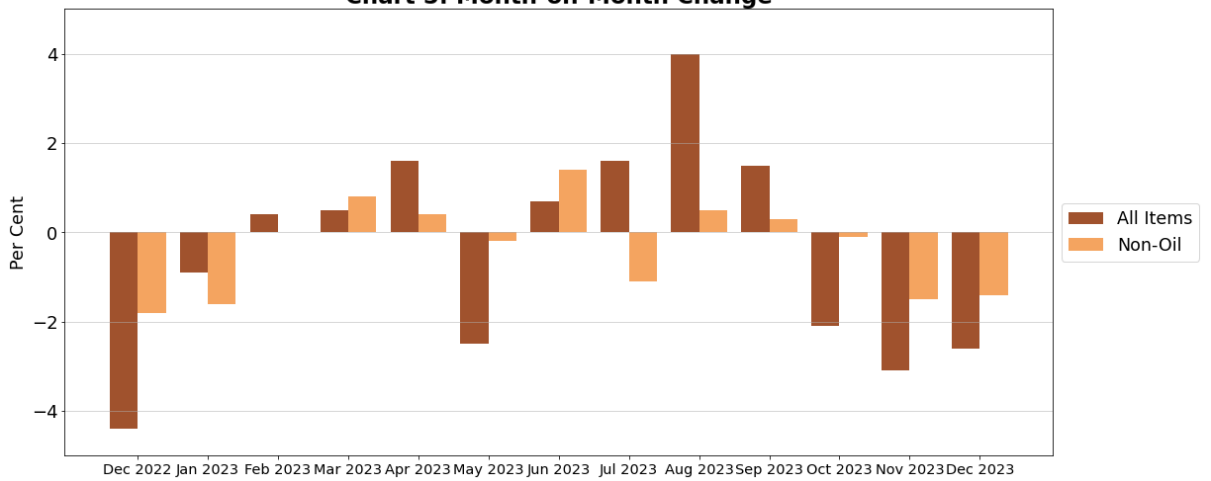


# Domestic Supply Price Index (2018 = 100) December 2023

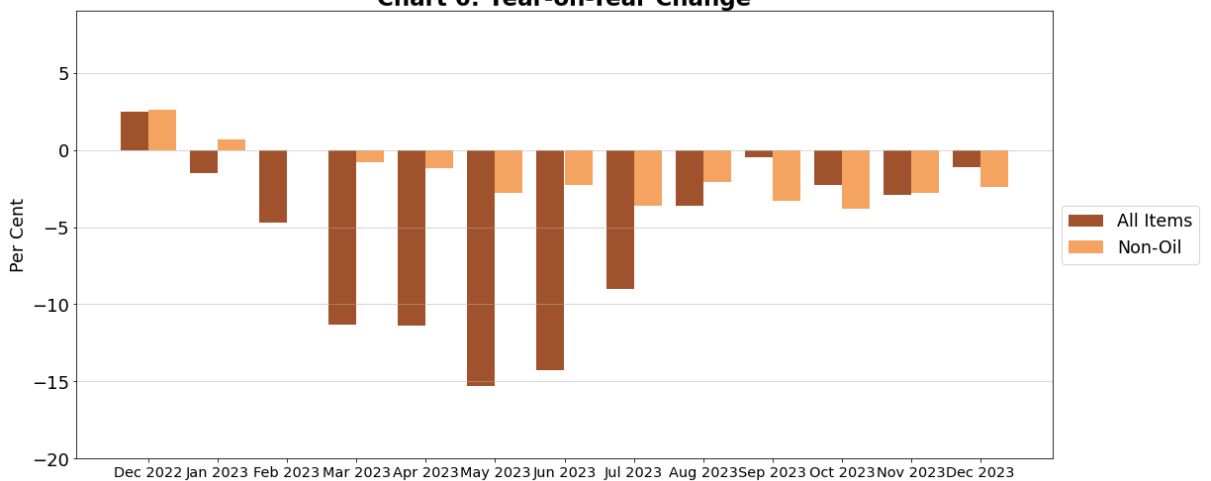
**Chart 4: Index**



**Chart 5: Month-on-Month Change**



**Chart 6: Year-on-Year Change**





**Table 1 Singapore Manufactured Products Price Index  
December 2023**

| Commodity section / division                         | Weights       | Index (2018=100) |              |              | % Change             |                      |                      |
|--|---------------|------------------|--------------|--------------|----------------------|----------------------|----------------------|
|  |               | Oct 2023         | Nov 2023     | Dec 2023     | Nov 2023<br>Oct 2023 | Dec 2023<br>Nov 2023 | Dec 2023<br>Dec 2022 |
| <b>All Items</b>                                     | <b>10,000</b> | <b>110.1</b>     | <b>107.3</b> | <b>106.1</b> | <b>-2.5</b>          | <b>-1.1</b>          | <b>-2.4</b>          |
| <b>Non-oil Items</b>                                 | <b>8,586</b>  | <b>107.6</b>     | <b>105.6</b> | <b>105.0</b> | <b>-1.9</b>          | <b>-0.5</b>          | <b>-2.4</b>          |
| Food & Live Animals                                  | 256           | 117.1            | 116.4        | 117.0        | -0.6                 | 0.6                  | 1.5                  |
| Meat & meat preparations                             | 20            | 120.8            | 120.7        | 123.4        | -0.1                 | 2.3                  | 2.3                  |
| Dairy products & birds' eggs                         | 15            | 157.7            | 156.8        | 156.0        | -0.6                 | -0.5                 | -3.9                 |
| Fish seafood & preparations                          | 5             | 108.3            | 108.1        | 108.0        | -0.2                 | -0.1                 | 7.2                  |
| Cereals & cereal preparations                        | 42            | 118.7            | 118.8        | 118.7        | -                    | -                    | 7.6                  |
| Vegetables & fruit                                   | 3             | 107.0            | 107.0        | 107.0        | -                    | -                    | -0.6                 |
| Coffee, tea, cocoa, spices & manufactures            | 28            | 119.2            | 120.0        | 126.2        | 0.7                  | 5.2                  | 16.3                 |
| Animal feeding stuff (excl unmilled cereals)         | 6             | 98.5             | 97.2         | 96.3         | -1.4                 | -0.8                 | -12.7                |
| Miscellaneous food preparations                      | 135           | 112.4            | 111.1        | 110.8        | -1.2                 | -0.3                 | -2.1                 |
| Beverages & Tobacco                                  | 31            | 112.8            | 112.8        | 112.8        | -                    | -                    | 3.9                  |
| Beverages  | 31            | 112.8            | 112.8        | 112.8        | -                    | -                    | 3.9                  |
| Crude Materials (excl fuels)                         | 56            | 117.5            | 115.5        | 115.4        | -1.7                 | -0.1                 | -11.9                |
| Crude rubber   | 50            | 118.5            | 116.4        | 116.2        | -1.8                 | -0.1                 | -12.9                |
| Cork & wood  | 1             | 124.6            | 124.6        | 124.6        | -                    | -                    | -0.1                 |
| Crude fertilizers & minerals                         | 2             | 94.8             | 94.8         | 94.8         | -                    | -                    | -                    |
| Metalliferous ores & metal scrap                     | 4             | 112.4            | 111.2        | 111.1        | -1.0                 | -0.1                 | -2.0                 |
| Mineral Fuels, Lubricants & Related Materials        | 1,414         | 124.9            | 117.9        | 112.5        | -5.6                 | -4.6                 | -2.7                 |
| Petroleum & products & related materials             | 1,386         | 125.2            | 118.0        | 112.6        | -5.7                 | -4.6                 | -2.6                 |
| Gas  | 28            | 113.8            | 112.3        | 109.9        | -1.3                 | -2.2                 | -8.0                 |
| Animal & Vegetable Oils, Fats & Waxes                | 14            | 126.4            | 123.4        | 126.9        | -2.3                 | 2.8                  | -7.8                 |
| Fixed vegetable fats & oils                          | 14            | 126.4            | 123.4        | 126.9        | -2.3                 | 2.8                  | -7.8                 |
| Chemicals & Chemical Products                        | 2,165         | 92.8             | 91.1         | 93.7         | -1.8                 | 2.9                  | -2.8                 |
| Organic chemicals                                    | 1,012         | 84.1             | 82.0         | 88.7         | -2.5                 | 8.2                  | -2.3                 |
| Inorganic chemicals                                  | 40            | 108.4            | 108.0        | 108.0        | -0.4                 | -                    | 9.3                  |
| Dyeing, tanning & colouring materials                | 22            | 111.5            | 110.0        | 109.9        | -1.3                 | -0.1                 | -4.5                 |
| Medicinal & pharmaceutical products                  | 232           | 87.7             | 86.8         | 86.6         | -1.1                 | -0.3                 | 3.7                  |
| Essential oils & perfume; toilet cleaning products   | 133           | 119.1            | 118.0        | 115.9        | -0.9                 | -1.7                 | -5.5                 |
| Plastics in primary forms                            | 372           | 96.2             | 95.3         | 94.7         | -0.9                 | -0.6                 | -4.3                 |
| Plastics in non-primary forms                        | 34            | 109.7            | 109.1        | 108.7        | -0.5                 | -0.4                 | -1.2                 |
| Chemical materials & products nes                    | 320           | 104.4            | 101.7        | 99.8         | -2.6                 | -1.8                 | -6.1                 |
| Manufactured Goods                                   | 284           | 116.9            | 116.3        | 115.9        | -0.5                 | -0.4                 | -2.5                 |
| Rubber manufactures nes                              | 23            | 105.0            | 103.0        | 101.5        | -1.9                 | -1.4                 | -3.0                 |
| Wood & cork manufactures (excl furniture)            | 8             | 110.8            | 110.8        | 110.8        | -                    | -                    | 7.0                  |
| Paper manufactures                                   | 34            | 106.0            | 105.1        | 105.4        | -0.9                 | 0.4                  | 3.1                  |
| Non-metal mineral manufactures nes                   | 45            | 104.8            | 104.1        | 104.7        | -0.7                 | 0.5                  | -5.7                 |
| Iron & steel   | 53            | 132.8            | 132.9        | 131.5        | 0.1                  | -1.1                 | -5.0                 |
| Non-ferrous metals                                   | 20            | 95.8             | 93.4         | 93.6         | -2.5                 | 0.3                  | 0.2                  |
| Manufactures of metals nes                           | 99            | 125.2            | 125.1        | 124.5        | -0.1                 | -0.5                 | -2.3                 |
| Machinery & Transport Equipment                      | 4,897         | 113.7            | 111.1        | 109.2        | -2.3                 | -1.8                 | -2.8                 |
| Power-generating machinery & equipment               | 8             | 105.8            | 105.0        | 103.9        | -0.8                 | -1.1                 | 9.1                  |
| Machinery specialized for particular industries      | 571           | 111.4            | 111.2        | 111.5        | -0.2                 | 0.3                  | 1.9                  |
| Metal working machinery                              | 18            | 110.1            | 109.9        | 110.1        | -0.1                 | 0.2                  | 1.5                  |
| General industrial machinery                         | 85            | 107.8            | 107.1        | 106.8        | -0.6                 | -0.3                 | 2.4                  |
| Office machines & data-processing machines           | 880           | 115.7            | 114.1        | 112.9        | -1.4                 | -1.1                 | -1.8                 |
| Telecommunication apparatus                          | 45            | 105.5            | 100.8        | 98.6         | -4.5                 | -2.1                 | -9.0                 |
| Electrical machinery apparatus nes, electrical parts | 3,271         | 114.0            | 110.6        | 108.0        | -3.0                 | -2.4                 | -3.9                 |
| Road vehicles  | 20            | 106.4            | 106.7        | 106.5        | 0.3                  | -0.2                 | 2.7                  |
| Miscellaneous Manufactured Articles                  | 883           | 103.1            | 102.6        | 101.6        | -0.5                 | -1.0                 | 0.1                  |
| Furniture, bedding, mattresses, cushions & others    | 16            | 105.4            | 105.4        | 105.4        | -                    | -                    | 2.8                  |
| Travel goods, handbags & similar containers          | 1             | 100.5            | 98.7         | 102.1        | -1.8                 | 3.5                  | 1.4                  |
| Professional scientific & controlling instruments    | 516           | 104.3            | 103.5        | 102.0        | -0.7                 | -1.5                 | -0.5                 |
| Photographic & optical goods nes; watches & clocks   | 48            | 97.9             | 97.2         | 96.7         | -0.7                 | -0.5                 | -0.4                 |
| Miscellaneous manufactured articles nes              | 303           | 101.9            | 101.6        | 101.5        | -0.2                 | -0.2                 | 1.1                  |

Figures may not sum to total due to rounding.

**Table 2 Domestic Supply Price Index  
December 2023**

| Commodity section / division                         | Weights       | Index (2018=100) |              |              | % Change             |                      |                      |
|--|---------------|------------------|--------------|--------------|----------------------|----------------------|----------------------|
|  |               | Oct 2023         | Nov 2023     | Dec 2023     | Nov 2023<br>Oct 2023 | Dec 2023<br>Nov 2023 | Dec 2023<br>Dec 2022 |
| <b>All Items</b>                                     | <b>10,000</b> | <b>116.3</b>     | <b>112.7</b> | <b>109.7</b> | <b>-3.1</b>          | <b>-2.6</b>          | <b>-1.1</b>          |
| <b>Non-oil Items</b>                                 | <b>7,212</b>  | <b>110.6</b>     | <b>108.9</b> | <b>107.4</b> | <b>-1.5</b>          | <b>-1.4</b>          | <b>-2.4</b>          |
| Food & Live Animals                                  | 319           | 116.5            | 115.5        | 115.7        | -0.9                 | 0.2                  | -0.6                 |
| Live animals   | 10            | 127.3            | 125.0        | 124.9        | -1.8                 | -0.1                 | -10.7                |
| Meat & meat preparations                             | 56            | 113.0            | 112.2        | 112.5        | -0.7                 | 0.3                  | -4.3                 |
| Dairy products & birds' eggs                         | 43            | 132.8            | 127.3        | 125.4        | -4.2                 | -1.4                 | -8.5                 |
| Fish seafood & preparations                          | 42            | 103.9            | 103.3        | 104.4        | -0.5                 | 1.0                  | -3.5                 |
| Cereals & cereal preparations                        | 51            | 114.6            | 114.4        | 114.1        | -0.2                 | -0.2                 | 4.3                  |
| Vegetables & fruit                                   | 40            | 118.0            | 117.6        | 117.8        | -0.4                 | 0.2                  | -2.1                 |
| Sugar, sugar preparations & honey                    | 13            | 148.3            | 145.8        | 146.3        | -1.7                 | 0.4                  | 11.1                 |
| Coffee, tea, cocoa, spices & manufactures            | 27            | 115.8            | 118.7        | 122.5        | 2.6                  | 3.2                  | 21.1                 |
| Animal feeding stuff (excl unmilled cereals)         | 3             | 122.4            | 120.7        | 120.3        | -1.4                 | -0.3                 | 2.1                  |
| Miscellaneous food preparations                      | 35            | 103.6            | 103.3        | 103.3        | -0.3                 | -                    | -1.0                 |
| Beverages & Tobacco                                  | 30            | 119.6            | 119.3        | 119.2        | -0.3                 | -0.1                 | 2.1                  |
| Beverages  | 28            | 118.1            | 118.1        | 118.1        | -                    | -                    | 0.4                  |
| Tobacco & manufactures                               | 2             | 138.5            | 133.8        | 133.0        | -3.4                 | -0.6                 | 23.9                 |
| Crude Materials (excl fuels)                         | 85            | 117.6            | 116.5        | 116.5        | -0.9                 | -                    | -3.9                 |
| Oil seeds & oleaginous fruits                        | 3             | 141.9            | 142.0        | 141.6        | -                    | -0.3                 | 0.3                  |
| Crude rubber   | 31            | 116.5            | 114.4        | 114.1        | -1.8                 | -0.2                 | -12.0                |
| Cork & wood  | 3             | 112.1            | 112.1        | 107.8        | -                    | -3.9                 | -13.4                |
| Crude fertilizers & minerals                         | 34            | 116.7            | 116.7        | 117.1        | -                    | 0.4                  | 3.5                  |
| Metalliferous ores & metal scrap                     | 5             | 135.7            | 131.6        | 131.8        | -3.0                 | 0.2                  | 0.7                  |
| Crude animal & vegetable materials nes               | 10            | 109.9            | 109.8        | 110.2        | -                    | 0.4                  | -1.9                 |
| Mineral Fuels, Lubricants & Related Materials        | 2,788         | 131.1            | 122.4        | 115.8        | -6.6                 | -5.4                 | 2.3                  |
| Petroleum & products & related materials             | 2,669         | 132.2            | 123.5        | 116.7        | -6.6                 | -5.5                 | 2.4                  |
| Gas  | 119           | 107.7            | 99.4         | 94.5         | -7.7                 | -5.0                 | -0.7                 |
| Animal & Vegetable Oils, Fats & Waxes                | 42            | 131.8            | 130.8        | 129.7        | -0.7                 | -0.8                 | -15.5                |
| Fixed vegetable fats & oils                          | 42            | 131.8            | 130.8        | 129.7        | -0.7                 | -0.8                 | -15.5                |
| Chemicals & Chemical Products                        | 1,142         | 98.9             | 98.2         | 96.9         | -0.7                 | -1.4                 | -3.5                 |
| Organic chemicals                                    | 459           | 88.0             | 87.2         | 86.0         | -1.0                 | -1.3                 | -6.2                 |
| Inorganic chemicals                                  | 54            | 107.8            | 108.1        | 108.0        | 0.2                  | -                    | 4.8                  |
| Dyeing, tanning & colouring materials                | 20            | 112.9            | 111.7        | 111.5        | -1.0                 | -0.2                 | -2.4                 |
| Medicinal & pharmaceutical products                  | 95            | 104.6            | 103.9        | 103.6        | -0.7                 | -0.3                 | 0.4                  |
| Essential oils & perfume; toilet cleaning products   | 62            | 118.0            | 117.2        | 114.9        | -0.7                 | -2.0                 | -9.1                 |
| Plastics in primary forms                            | 158           | 102.0            | 101.1        | 100.5        | -0.8                 | -0.6                 | -1.9                 |
| Plastics in non-primary forms                        | 32            | 108.2            | 107.1        | 106.9        | -1.0                 | -0.2                 | -2.1                 |
| Chemical materials & products nes                    | 263           | 105.5            | 105.1        | 102.4        | -0.4                 | -2.5                 | -1.8                 |
| Manufactured Goods                                   | 490           | 114.4            | 113.8        | 113.2        | -0.5                 | -0.6                 | -3.5                 |
| Rubber manufactures nes                              | 15            | 104.1            | 105.9        | 103.8        | 1.8                  | -2.0                 | 3.3                  |
| Wood & cork manufactures (excl furniture)            | 6             | 111.0            | 111.0        | 111.0        | -                    | -                    | 7.2                  |
| Paper manufactures                                   | 53            | 104.6            | 103.7        | 103.7        | -0.9                 | -                    | -2.1                 |
| Textile manufactures                                 | 15            | 102.3            | 101.8        | 100.8        | -0.5                 | -0.9                 | -0.6                 |
| Non-metal mineral manufactures nes                   | 123           | 109.3            | 108.6        | 108.1        | -0.7                 | -0.5                 | -6.0                 |
| Iron & steel   | 110           | 118.3            | 117.8        | 116.3        | -0.4                 | -1.3                 | -6.2                 |
| Non-ferrous metals                                   | 80            | 129.2            | 128.7        | 128.7        | -0.4                 | -                    | -1.9                 |
| Manufactures of metals nes                           | 86            | 113.0            | 112.4        | 111.9        | -0.5                 | -0.5                 | -1.2                 |
| Machinery & Transport Equipment                      | 4,302         | 112.2            | 109.8        | 107.8        | -2.1                 | -1.8                 | -2.9                 |
| Power-generating machinery & equipment               | 205           | 125.6            | 123.7        | 122.3        | -1.5                 | -1.1                 | -1.5                 |
| Machinery specialized for particular industries      | 189           | 101.7            | 100.6        | 99.8         | -1.1                 | -0.8                 | -0.6                 |
| Metal working machinery                              | 6             | 126.3            | 126.2        | 126.0        | -0.1                 | -0.1                 | 10.9                 |
| General industrial machinery                         | 90            | 101.5            | 101.0        | 100.4        | -0.5                 | -0.6                 | -0.3                 |
| Office machines & data-processing machines           | 192           | 100.7            | 100.3        | 99.4         | -0.3                 | -0.9                 | -2.2                 |
| Telecommunications apparatus                         | 53            | 82.2             | 81.6         | 81.3         | -0.7                 | -0.4                 | -1.6                 |
| Electrical machinery apparatus nes, electrical parts | 3,456         | 113.8            | 111.0        | 108.8        | -2.4                 | -2.0                 | -3.2                 |
| Road vehicles  | 111           | 97.3             | 97.3         | 97.2         | -                    | -0.1                 | -3.5                 |
| Miscellaneous Manufactured Articles                  | 802           | 111.7            | 111.6        | 110.7        | -0.1                 | -0.8                 | 2.7                  |
| Prefab building, sanitary plumbing, lighting nes     | 7             | 107.4            | 107.4        | 107.4        | -                    | -                    | 0.3                  |
| Furniture, bedding, mattresses, cushions & others    | 23            | 118.1            | 117.8        | 117.8        | -0.2                 | -                    | 0.2                  |
| Travel goods, handbags & similar containers          | 39            | 154.2            | 154.3        | 154.0        | 0.1                  | -0.2                 | 26.7                 |
| Articles of apparel & clothing accessories           | 25            | 107.1            | 110.9        | 110.9        | 3.6                  | -                    | 8.4                  |
| Footwear   | 14            | 101.6            | 101.5        | 101.6        | -0.1                 | -                    | -1.0                 |
| Professional scientific & controlling instruments    | 409           | 104.6            | 103.8        | 102.3        | -0.8                 | -1.4                 | -1.2                 |
| Photographic & optical goods nes; watches & clocks   | 75            | 112.4            | 111.5        | 112.0        | -0.8                 | 0.4                  | 5.3                  |
| Miscellaneous manufactured articles nes              | 211           | 118.0            | 119.0        | 118.2        | 0.9                  | -0.7                 | 4.0                  |

Figures may not sum to total due to rounding.

**Table 3 Singapore Manufactured Products Price Index**

| Section | All Items     | Non-oil Items | Food & Live Animals | Beverages & Tobacco | Crude Materials | Mineral Fuels | Animal & Vegetable Oils, Fats & Waxes | Chemicals & Chemical Products | Manufactured Goods | Machinery & Transport Equipment | Misc Manufactured Articles |
|---------|---------------|---------------|---------------------|---------------------|-----------------|---------------|---------------------------------------|-------------------------------|--------------------|---------------------------------|----------------------------|
| Weights | <b>10,000</b> | <b>8,586</b>  | 256                 | 31                  | 56              | 1,414         | 14                                    | 2,165                         | 284                | 4,897                           | 883                        |

**Index (2018=100)**

|          |              |              |       |       |       |       |       |       |       |       |       |
|----------|--------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2018     | <b>100.0</b> | <b>100.0</b> | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2019     | <b>96.7</b>  | <b>97.6</b>  | 99.8  | 103.5 | 94.5  | 91.3  | 88.5  | 95.3  | 102.2 | 97.8  | 100.2 |
| 2020     | <b>90.0</b>  | <b>95.4</b>  | 101.3 | 103.6 | 89.2  | 57.3  | 95.8  | 87.3  | 105.7 | 97.1  | 100.6 |
| 2021     | <b>98.6</b>  | <b>99.8</b>  | 102.6 | 103.6 | 103.3 | 91.0  | 133.3 | 94.4  | 112.4 | 101.3 | 99.2  |
| 2022     | <b>113.3</b> | <b>109.6</b> | 111.3 | 107.9 | 123.5 | 135.2 | 167.7 | 101.6 | 120.4 | 113.5 | 102.2 |
| 2023     | <b>108.2</b> | <b>106.7</b> | 115.9 | 112.8 | 120.8 | 117.6 | 130.7 | 93.8  | 117.8 | 111.9 | 101.8 |
| Dec 2022 | <b>108.8</b> | <b>107.6</b> | 115.3 | 108.6 | 130.9 | 115.7 | 137.6 | 96.4  | 118.9 | 112.3 | 101.5 |
| Jan 2023 | <b>106.9</b> | <b>105.0</b> | 115.0 | 113.1 | 121.8 | 118.4 | 136.8 | 92.9  | 118.4 | 109.6 | 100.4 |
| Feb 2023 | <b>107.0</b> | <b>105.3</b> | 115.3 | 112.7 | 123.0 | 116.9 | 134.5 | 94.6  | 118.1 | 109.3 | 100.8 |
| Mar 2023 | <b>107.9</b> | <b>106.8</b> | 115.7 | 112.8 | 123.0 | 114.5 | 134.8 | 98.3  | 119.1 | 110.1 | 101.3 |
| Apr 2023 | <b>108.3</b> | <b>107.4</b> | 114.9 | 112.8 | 122.2 | 114.0 | 134.0 | 98.1  | 119.1 | 111.3 | 100.9 |
| May 2023 | <b>107.1</b> | <b>107.3</b> | 114.9 | 112.8 | 123.6 | 106.3 | 133.6 | 97.2  | 118.7 | 111.3 | 101.6 |
| Jun 2023 | <b>107.8</b> | <b>107.9</b> | 115.4 | 112.8 | 126.6 | 107.3 | 133.4 | 91.6  | 118.6 | 114.8 | 102.2 |
| Jul 2023 | <b>107.7</b> | <b>106.6</b> | 115.8 | 112.8 | 118.4 | 114.3 | 128.6 | 90.4  | 117.8 | 113.3 | 101.9 |
| Aug 2023 | <b>110.6</b> | <b>107.5</b> | 116.7 | 112.8 | 120.0 | 129.8 | 127.7 | 91.4  | 117.4 | 114.2 | 102.2 |
| Sep 2023 | <b>111.7</b> | <b>107.9</b> | 116.8 | 112.8 | 122.5 | 134.3 | 127.8 | 92.9  | 117.2 | 114.2 | 102.9 |
| Oct 2023 | <b>110.1</b> | <b>107.6</b> | 117.1 | 112.8 | 117.5 | 124.9 | 126.4 | 92.8  | 116.9 | 113.7 | 103.1 |
| Nov 2023 | <b>107.3</b> | <b>105.6</b> | 116.4 | 112.8 | 115.5 | 117.9 | 123.4 | 91.1  | 116.3 | 111.1 | 102.6 |
| Dec 2023 | <b>106.1</b> | <b>105.0</b> | 117.0 | 112.8 | 115.4 | 112.5 | 126.9 | 93.7  | 115.9 | 109.2 | 101.6 |

**Percentage Change over same period of previous year (%)**

|          |             |             |      |     |       |       |       |       |      |      |      |
|----------|-------------|-------------|------|-----|-------|-------|-------|-------|------|------|------|
| 2019     | <b>-3.3</b> | <b>-2.4</b> | -0.2 | 3.5 | -5.5  | -8.7  | -11.5 | -4.7  | 2.2  | -2.2 | 0.2  |
| 2020     | <b>-6.9</b> | <b>-2.2</b> | 1.5  | 0.1 | -5.6  | -37.2 | 8.2   | -8.3  | 3.5  | -0.7 | 0.4  |
| 2021     | <b>9.5</b>  | <b>4.6</b>  | 1.3  | -   | 15.8  | 58.7  | 39.2  | 8.1   | 6.4  | 4.3  | -1.4 |
| 2022     | <b>14.9</b> | <b>9.9</b>  | 8.4  | 4.1 | 19.5  | 48.5  | 25.8  | 7.7   | 7.1  | 12.1 | 3.0  |
| 2023     | <b>-4.5</b> | <b>-2.7</b> | 4.2  | 4.5 | -2.2  | -13.0 | -22.1 | -7.7  | -2.1 | -1.5 | -0.4 |
| Dec 2022 | <b>3.7</b>  | <b>1.9</b>  | 11.2 | 4.8 | 17.0  | 15.1  | -8.8  | -2.6  | 1.2  | 3.2  | 1.1  |
| Jan 2023 | <b>0.9</b>  | <b>-0.5</b> | 9.3  | 6.9 | 10.7  | 8.8   | -9.9  | -4.6  | 0.8  | 0.3  | 0.1  |
| Feb 2023 | <b>-1.0</b> | <b>-0.8</b> | 9.4  | 6.6 | 11.4  | -1.8  | -17.8 | -5.1  | -    | -    | 0.4  |
| Mar 2023 | <b>-4.4</b> | <b>-1.1</b> | 9.0  | 6.6 | 10.9  | -19.4 | -17.7 | -5.3  | -1.2 | -0.1 | -0.3 |
| Apr 2023 | <b>-4.6</b> | <b>-1.0</b> | 6.8  | 3.9 | 9.2   | -21.0 | -21.4 | -5.9  | -1.3 | 0.6  | -1.1 |
| May 2023 | <b>-8.2</b> | <b>-3.3</b> | 4.2  | 3.9 | 4.7   | -29.9 | -24.4 | -8.6  | -2.0 | -2.0 | -0.6 |
| Jun 2023 | <b>-9.1</b> | <b>-3.5</b> | 3.1  | 3.9 | 9.3   | -32.9 | -26.7 | -12.7 | -2.3 | -0.8 | -    |
| Jul 2023 | <b>-7.8</b> | <b>-4.8</b> | 2.0  | 3.9 | -12.1 | -22.0 | -36.6 | -13.0 | -3.8 | -2.4 | -0.9 |
| Aug 2023 | <b>-3.9</b> | <b>-2.9</b> | 3.2  | 3.9 | -9.3  | -8.4  | -29.0 | -9.6  | -3.4 | -0.9 | -0.3 |
| Sep 2023 | <b>-2.9</b> | <b>-3.9</b> | 2.5  | 3.9 | -12.5 | 1.9   | -29.9 | -8.9  | -3.6 | -2.6 | -0.5 |
| Oct 2023 | <b>-4.5</b> | <b>-4.3</b> | 0.8  | 3.9 | -11.1 | -5.9  | -19.4 | -8.2  | -3.1 | -3.5 | -1.1 |
| Nov 2023 | <b>-4.5</b> | <b>-3.8</b> | 0.1  | 3.8 | -14.0 | -7.8  | -14.5 | -7.7  | -3.0 | -3.1 | -0.6 |
| Dec 2023 | <b>-2.4</b> | <b>-2.4</b> | 1.5  | 3.9 | -11.9 | -2.7  | -7.8  | -2.8  | -2.5 | -2.8 | 0.1  |

**Table 4 Domestic Supply Price Index**

| Section  | All Items     | Non-oil Items | Food & Live Animals | Beverages & Tobacco | Crude Materials | Mineral Fuels | Animal & Vegetable Oils, Fats & Waxes | Chemicals & Chemical Products | Manu- factured Goods | Machinery & Transport Equipment | Misc Manu- factured Articles |
|--|---------------|---------------|---------------------|---------------------|-----------------|---------------|---------------------------------------|-------------------------------|----------------------|---------------------------------|------------------------------|
| Weights  | <b>10,000</b> | <b>7,212</b>  | 319                 | 30                  | 85              | 2,788         | 42                                    | 1,142                         | 490                  | 4,302                           | 802                          |
| <b>Index (2018=100)</b>  |               |               |                     |                     |                 |               |                                       |                               |                      |                                 |                              |
| 2018   | <b>100.0</b>  | <b>100.0</b>  | 100.0               | 100.0               | 100.0           | 100.0         | 100.0                                 | 100.0                         | 100.0                | 100.0                           | 100.0                        |
| 2019   | <b>96.7</b>   | <b>98.2</b>   | 101.3               | 102.1               | 98.4            | 93.0          | 90.9                                  | 94.1                          | 101.5                | 98.2                            | 101.0                        |
| 2020   | <b>88.4</b>   | <b>97.6</b>   | 103.6               | 104.1               | 97.2            | 64.4          | 103.6                                 | 87.7                          | 102.2                | 98.0                            | 104.0                        |
| 2021   | <b>101.8</b>  | <b>101.6</b>  | 105.8               | 104.6               | 105.2           | 102.5         | 150.0                                 | 96.0                          | 111.7                | 100.4                           | 104.9                        |
| 2022   | <b>120.8</b>  | <b>111.7</b>  | 114.5               | 114.6               | 117.4           | 144.3         | 176.7                                 | 104.8                         | 120.1                | 112.1                           | 109.1                        |
| 2023   | <b>112.7</b>  | <b>109.4</b>  | 116.3               | 118.9               | 118.4           | 121.1         | 139.3                                 | 98.8                          | 115.4                | 110.4                           | 110.2                        |
| Dec 2022   | <b>110.9</b>  | <b>110.0</b>  | 116.4               | 116.8               | 121.3           | 113.2         | 153.5                                 | 100.3                         | 117.4                | 111.1                           | 107.7                        |
| Jan 2023   | <b>110.0</b>  | <b>108.2</b>  | 116.6               | 117.9               | 117.5           | 114.5         | 149.9                                 | 99.3                          | 116.5                | 108.5                           | 107.4                        |
| Feb 2023   | <b>110.4</b>  | <b>108.3</b>  | 116.0               | 117.8               | 118.4           | 115.9         | 148.1                                 | 100.4                         | 116.4                | 108.3                           | 107.9                        |
| Mar 2023   | <b>111.0</b>  | <b>109.1</b>  | 116.0               | 117.8               | 118.4           | 115.8         | 148.5                                 | 101.3                         | 116.6                | 109.1                           | 109.3                        |
| Apr 2023   | <b>112.8</b>  | <b>109.6</b>  | 115.7               | 117.8               | 117.6           | 121.1         | 147.4                                 | 101.4                         | 116.6                | 109.9                           | 109.6                        |
| May 2023   | <b>110.0</b>  | <b>109.4</b>  | 115.9               | 119.1               | 120.1           | 111.6         | 142.1                                 | 99.8                          | 116.6                | 109.7                           | 110.8                        |
| Jun 2023   | <b>110.8</b>  | <b>110.9</b>  | 116.6               | 119.7               | 121.3           | 110.5         | 136.5                                 | 96.9                          | 116.2                | 113.1                           | 111.0                        |
| Jul 2023   | <b>112.5</b>  | <b>109.7</b>  | 116.5               | 119.6               | 118.0           | 119.8         | 136.5                                 | 96.6                          | 115.0                | 111.5                           | 110.2                        |
| Aug 2023   | <b>117.1</b>  | <b>110.3</b>  | 116.9               | 119.7               | 118.6           | 134.5         | 135.4                                 | 97.7                          | 114.7                | 112.2                           | 110.7                        |
| Sep 2023   | <b>118.8</b>  | <b>110.7</b>  | 117.3               | 119.7               | 119.8           | 139.9         | 134.4                                 | 98.8                          | 114.7                | 112.3                           | 111.3                        |
| Oct 2023   | <b>116.3</b>  | <b>110.6</b>  | 116.5               | 119.6               | 117.6           | 131.1         | 131.8                                 | 98.9                          | 114.4                | 112.2                           | 111.7                        |
| Nov 2023   | <b>112.7</b>  | <b>108.9</b>  | 115.5               | 119.3               | 116.5           | 122.4         | 130.8                                 | 98.2                          | 113.8                | 109.8                           | 111.6                        |
| Dec 2023   | <b>109.7</b>  | <b>107.4</b>  | 115.7               | 119.2               | 116.5           | 115.8         | 129.7                                 | 96.9                          | 113.2                | 107.8                           | 110.7                        |
| <b>Percentage Change over same period of previous year (%)</b> |               |               |                     |                     |                 |               |                                       |                               |                      |                                 |                              |
| 2019   | <b>-3.3</b>   | <b>-1.8</b>   | 1.3                 | 2.1                 | -1.6            | -7.0          | -9.1                                  | -5.9                          | 1.5                  | -1.8                            | 1.0                          |
| 2020   | <b>-8.7</b>   | <b>-0.6</b>   | 2.2                 | 2.0                 | -1.1            | -30.7         | 13.9                                  | -6.8                          | 0.7                  | -0.2                            | 2.9                          |
| 2021   | <b>15.2</b>   | <b>4.0</b>    | 2.1                 | 0.5                 | 8.1             | 59.2          | 44.9                                  | 9.5                           | 9.3                  | 2.4                             | 0.9                          |
| 2022   | <b>18.6</b>   | <b>10.0</b>   | 8.2                 | 9.5                 | 11.6            | 40.8          | 17.8                                  | 9.2                           | 7.5                  | 11.7                            | 4.0                          |
| 2023   | <b>-6.7</b>   | <b>-2.1</b>   | 1.5                 | 3.8                 | 0.8             | -16.1         | -21.2                                 | -5.7                          | -3.9                 | -1.6                            | 1.0                          |
| Dec 2022   | <b>2.5</b>    | <b>2.6</b>    | 6.7                 | 11.1                | 8.7             | 2.1           | -8.8                                  | 0.2                           | -0.6                 | 3.7                             | 0.5                          |
| Jan 2023   | <b>-1.5</b>   | <b>0.7</b>    | 6.0                 | 6.6                 | 6.9             | -6.5          | -9.7                                  | -1.1                          | -0.9                 | 1.0                             | 0.2                          |
| Feb 2023   | <b>-4.7</b>   | <b>-</b>      | 5.2                 | 6.3                 | 7.4             | -14.4         | -15.4                                 | -2.3                          | -1.5                 | 0.4                             | 0.3                          |
| Mar 2023   | <b>-11.3</b>  | <b>-0.8</b>   | 4.0                 | 6.0                 | 6.6             | -29.4         | -21.0                                 | -6.0                          | -3.1                 | 0.4                             | -                            |
| Apr 2023   | <b>-11.4</b>  | <b>-1.2</b>   | 2.6                 | 3.8                 | 5.3             | -28.5         | -24.1                                 | -6.2                          | -4.0                 | 0.2                             | -0.2                         |
| May 2023   | <b>-15.3</b>  | <b>-2.8</b>   | 1.4                 | 4.6                 | 3.8             | -36.1         | -29.3                                 | -7.4                          | -4.8                 | -2.1                            | 1.0                          |
| Jun 2023   | <b>-14.3</b>  | <b>-2.3</b>   | 2.0                 | 5.1                 | 5.7             | -35.1         | -30.0                                 | -9.8                          | -4.9                 | -0.8                            | 1.4                          |
| Jul 2023   | <b>-9.0</b>   | <b>-3.6</b>   | 0.4                 | 3.4                 | -3.1            | -19.7         | -25.2                                 | -9.1                          | -5.5                 | -2.7                            | 0.5                          |
| Aug 2023   | <b>-3.6</b>   | <b>-2.1</b>   | 0.4                 | 3.0                 | -1.4            | -6.8          | -22.4                                 | -6.4                          | -4.5                 | -1.3                            | 1.2                          |
| Sep 2023   | <b>-0.5</b>   | <b>-3.3</b>   | 0.1                 | 2.2                 | -4.6            | 5.6           | -20.1                                 | -6.4                          | -4.6                 | -3.1                            | 1.0                          |
| Oct 2023   | <b>-2.3</b>   | <b>-3.8</b>   | -1.3                | 1.2                 | -4.4            | 1.1           | -19.5                                 | -5.5                          | -4.9                 | -4.1                            | 1.1                          |
| Nov 2023   | <b>-2.9</b>   | <b>-2.8</b>   | -1.3                | 1.5                 | -5.4            | -3.1          | -17.6                                 | -3.9                          | -4.1                 | -3.2                            | 2.2                          |
| Dec 2023   | <b>-1.1</b>   | <b>-2.4</b>   | -0.6                | 2.1                 | -3.9            | 2.3           | -15.5                                 | -3.5                          | -3.5                 | -2.9                            | 2.7                          |

**NOTATIONS**

- nes not elsewhere specified
- nil or negligible

**NOTES**

The Singapore Manufactured Products and Domestic Supply Price Indices report contains statistics that are the most recent available at the time of its preparation.

Some statistics, particularly those for the most recent time periods, are provisional and may be subject to revision in later issues.

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