

information paper
on
prices statistics

**REBASING AND REVISION OF
SINGAPORE MANUFACTURED PRODUCTS
AND DOMESTIC SUPPLY PRICE INDICES
(Base Year 2006 = 100)**

Singapore Department of Statistics
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**REBASING AND REVISION OF
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AND DOMESTIC PRICE INDICES
(Base Year 2006=100)**

I INTRODUCTION

1 The Singapore Manufactured Products Price Index (SMPPI) measures the changes in the prices of goods produced by our local manufacturers for sale in the local and international markets. The SMPPI is essentially an output based Producer Price Index (PPI) of the manufacturing sector. It is used as a price deflator of manufacturing output in the compilation of the monthly Index of Industrial Production. The Domestic Supply Price Index (DSPI) monitors the price changes of locally manufactured goods and imports which are retained for use in the domestic economy. The DSPI is an input based PPI as it provides an indication of the price trends of goods used in the domestic economy.

2 The Department of Statistics has rebased the SMPPI and DSPI from base year 2000 to 2006. The rebasing of these indices is conducted periodically to ensure that the ‘baskets’ of commodities remain representative of changing production and consumption patterns. In the recently completed rebasing exercise, methodological changes were introduced to enhance the accuracy of the price indices and facilitate the early completion of the 2006 rebasing exercise.

3 This paper presents an overview of the concepts and methodological improvements, and compares the weighting patterns and trends of the 2006-based price indices with those of the 2000-based series.

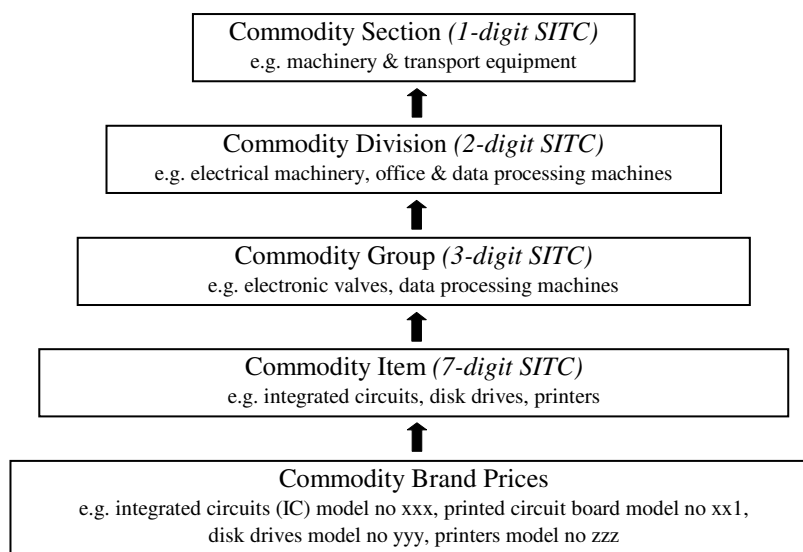
II METHODOLOGY

Index Classification and Weights Structure

4 The SMPPI and DSPI are classified in accordance with the Standard International Trade Classification, Revision 3 (SITC, Rev 3). Figure 1 shows the structure of the SMPPI. At the lowest level are the brand prices of the manufactured products. The indices at 7-digit commodity item level together with the attached weights form the elementary aggregates, from which the indices at 3-digit group level, 2-digit division level and 1-digit section level are built up. The DSPI is similarly constructed, starting from the commodity item level.

5 The upper level weights at 1-digit, 2-digit, 3-digit and 7-digit level SITC for the SMPPI are derived from the 2005 production values. At the brand level, data are not available to estimate the individual weights and as such, equal weights are assumed for the individual brands within the elementary aggregates.

FIGURE 1 THE STRUCTRE OF SMPPI



6 The domestic supply of goods is from external and local sources. The weight of the DSPI's external supply component is the "retained imports" which refers to the values of imports less re-exports in 2005. The weight of the DSPI's local supply component is the "domestic sales of locally manufactured goods" which is the total sales of local producers less the amount exported in 2005. The DSPI is derived from the Import Price Index (IPI) and SMPPI price relatives at commodity item level.

7 As it was neither possible nor practical to price every product manufactured, the weights of products for which price data at the commodity item level are not available were distributed to commodity items which shared similar product characteristics on the premise that the price trends of similar items would move in tandem with each other. As such, commodity items in the weights basket not only carry their own weights but also the weights of similar items which are not priced.

Methodological Improvements

8 The 2000-based series was compiled using the Laspeyres index formula where the price and weight reference periods were aligned to the same year 2000. For the 2006-based series, a 'modified Laspeyres' index (also known as the Young index formula) is adopted, where the weight reference period of 2005 preceded the price reference period of 2006. The adoption of the modified Laspeyres index formula, which is also widely used by many countries, has facilitated the early completion of the 2006 rebasing exercise as the weighting pattern for the production and domestic supply indices for 2005, which were available earlier, could be used in the compilation.

9 For the 2006-based series, the geometric mean (GM) formula has been adopted in the computation of elementary aggregates price indices, in place of the arithmetic mean (AM) formula used in the 2000 based series. This is in line with the recommendation in the International Monetary Fund (IMF) Producer Price Index Manual 2004, to adopt the GM formula for the compilation of un-weighted elementary index constituting heterogeneous commodities. The use of GM minimises bias and improves the accuracy of the lower level price indices. The current AM formula is retained for compiling indices at higher levels of aggregation where weights of specific sub-indices are available.

10 Details on the computation of the SMPPI and DSPI are shown in Appendix I.

Linking of Historical Series Across Different Base Years

11 To meet the need for continuous historical time series for economic analysis, the series prior to 2006 are linked to the new series by re-scaling them to the new base year 2006 level. The linking is obtained through the use of the following mathematical procedure :

$$\text{Linked (2006-based) Index} = \text{2000-Based Index} \times \text{Linked Coefficient}$$

where the Linked Coefficient is the ratio of the annual 2006-based price indices in 2006 to the annual 2000-based price indices in 2006.

Example :

2000-based Index in January 2003	=	111
Annual 2006-based Index in 2006	=	100
Annual 2000-based Index in 2006	=	108
Linked Coefficient	=	100/108
2006-based Index in January 2003	=	111 x (100/108) = 102.778

III DATA SOURCES

Preliminary Survey of Manufacturers

12 Before conducting any price survey, the preliminary survey of manufacturers had to be carried out first to identify the specific product and to obtain its detailed specifications such as brand, model and grade. The sampling frame for the 2006 rebasing exercise was the list of local manufacturers from the 2004 Census of Manufacturing Activities supplemented further by the 2005 Census results when they became available. Cut-off sampling method was applied to select the commodity items and the establishments for the preliminary survey. Commodity items with production value lower than the 5th percentile of the 2004 overall production value were excluded from the survey. Manufacturers of the selected commodities whose

annual sales values were less than 2 per cent of the overall production values were also excluded from the sample. A total of 1,520 manufacturers were selected in the preliminary survey of manufacturers.

13 Customised survey forms with commodity items (at 7-digit SITC) pre-printed were sent to the selected manufacturers. The respondents were asked to provide the top three selling product brands under each of the commodity items listed as well as detailed specifications/descriptions pertaining to the brand, grade, size-measurement, frequency of production, unit of measurement and actual ex-factory prices of items sold.

14 The final selection of the products for the monthly price surveys was based on the following criteria :

- (a) Regular and frequent production of the commodity items;
- (b) Item descriptions should be specific and sufficiently detailed for pricing;
- (c) The selected products should constitute a significant share of the companies' production.

Price Collection

15 A total of 774 manufacturers were eventually selected to provide monthly ex-factory prices for the 1,178 brands or models manufactured. The 315 commodity items selected for pricing cover approximately 95 per cent of total production in 2005. Customised survey forms pre-printed with the description of each selected brand item and unit of measurement were then sent to the selected manufacturers to collect prices from as far back as January 2006. Respondents were requested to provide, for each month, prices of the commodities selected as at or before the 15th of each month. Subsequently, once these back-dated prices were collected, monthly survey forms were sent out on the 12th of each month to collect the monthly prices.

16 Prices obtained were checked to ensure their reasonableness, consistency and accuracy. All prices quoted in foreign currencies were converted into Singapore dollar using the average monthly exchange rates data provided by the Monetary Authority of Singapore.

Coverage of DSPI

17 The information required to compile the DSPI are obtained from both the Import Price Survey and the Singapore Manufactured Products Price Survey. The DSPI is compiled from 583 commodity items from the IPI and 240 commodity items from the SMPPI.

Number of Indices and Weights in the 2006-based SMPPI and DSPI

18 The number of SMPPI and DSPI indices computed at the commodity division, group and item levels is shown in Appendix II.

19 The prices of selected products together with their corresponding weights are used in the compilation of price indices. Appendix III shows the 2005 weights of the SMPPI and DSPI at the commodity section and group levels.

IV COMPARISON BETWEEN 2000 AND 2005 WEIGHTING PATTERNS

20 Table 1 compares the new and old weights for the SMPPI and DSPI. As mentioned earlier, the weights of the 2006-based SMPPI and 2006-based DSPI were compiled from the 2005 production values and 2005 domestic supply values respectively.

TABLE 1 SMPPI AND DSPI WEIGHTS BY COMMODITY SECTION

Commodity Section	SMPPI		DSPI	
	2005 Weights	2000 Weights	2005 Weights	2000 Weights
All Items	10,000	10,000	10,000	10,000
Oil	2,182	1,327	2,855	2,076
Non-Oil	7,818	8,673	7,145	7,924
Food	186	151	308	281
Beverages & Tobacco	47	55	54	50
Crude Materials	6	19	43	81
Animal & Vegetable Oils	23	24	27	25
Chemicals & Chemical Products	2053	1,044	1,373	753
Manufactured Goods	430	579	807	891
Machinery & Transport Equipment	4,510	6,180	3,786	5,083
ICT-Related Products	4,033	5,717	2,963	4,369
Electrical Machinery (incl Integrated Circuits)	2,126	2,430	1,737	2,951
Office & Data Processing Machines (incl disk drives)	1,498	2,887	782	1,028
Telecommunication Apparatus (incl mobile phones)	409	400	444	390
Others	477	463	823	714
Miscellaneous Manufactures	563	621	747	760

Singapore Manufactured Products Price Index

21 In 2005, the top three commodity sections namely Machinery & Transport Equipment, Oil and Chemicals & Chemical Products accounted for 88 per cent of the total weights in the manufacturing sector. This was slightly higher than the 86 per cent registered in 2000.

22 Due to expansion in the production of oil related products as well as price increases, the share of Oil products gained 9 percentage points, from 13 per cent in 2000 to 22 per cent in 2005.

23 Rapid growth of the chemicals and pharmaceutical industries in recent years resulted in a two-fold increase in the relative weight of the Chemicals & Chemical Products, from 10 per cent in 2000 per cent to 21 per cent in 2005.

24 Conversely, the Machinery & Transport Equipment Section, which comprises predominantly electronic products, fell sharply from 62 per cent in 2000 to 45 per cent in 2005. This was attributed to the shift in the weights to the Oil and Chemicals & Chemical Products Sections as well as lower production values in the electronics sector during the five-year period.

25 Among the six smaller-weight commodity sections, only the share of Food products increased in 2005, whereas the weights for the other sections fell, with Manufactured Goods leading the decline.

Domestic Supply Price Index

26 Since the DSPI is a composite index of IPI and SMPPI, changes in the weighting pattern of this index broadly follow those of the imported goods and manufactured products.

27 Compared to 2000, the 2005 domestic supply of the Machinery & Transport Equipment Section registered a decline of 13 percentage points. On the other hand, the domestic supply of Oil and Chemicals & Chemical Products Sections recorded substantially higher weights in 2005, increasing by 8 and 6 percentage points respectively.

28 Of the remaining commodity sections, Food, Beverages & Tobacco and Animals & Vegetable Oils had higher relative weights while the shares of Crude Materials, Manufactured Goods and Miscellaneous Manufactures fell in 2005.

V COMPARISON OF PRICE TRENDS

Singapore Manufactured Products Price Index

29 Table 2 shows the year-on-year changes of the 2006-based and 2000-based SMPPI at the commodity section level. Chart 1 in Appendix IV shows the trends of the 2006-based and 2000-based SMPPI by commodity section.

30 Both sets of SMPPI generally trended in the same direction, but varied significantly in the magnitude of change. The movements of these two indices were

mainly the consequence of the prices changes in Oil products and the two non-oil components, namely Machinery & Transport Equipment and Chemicals & Chemical Products, due to their relatively large weights.

TABLE 2 CHANGES IN SMPPI, JAN–MAR 2007
(Over Same Period of Previous Year)

Commodity Section	Per Cent					
	Jan	Feb	Mar	Jan	Feb	Mar
	2007	2007	2007	2007	2007	2007
	Base Year 2006			Base Year 2000		
All Items	-6.8	-5.0	-3.8	-3.0	-2.3	-0.2
Oil	-12.6	-5.7	-3.1	-12.9	-6.4	-2.8
Non-Oil	-5.2	-4.8	-4.0	0.3	-0.9	0.7
Food	1.2	0.8	1.2	0.6	1.5	1.6
Beverages & Tobacco	-1.8	-1.4	-1.3	-1.0	-0.3	-0.2
Crude Materials	-0.8	3.9	3.6	3.9	3.7	3.8
Animal & Vegetable Oils	7.7	8.4	8.2	8.3	9.5	9.7
Chemicals & Chemical Products	3.0	3.2	3.5	12.0	8.9	9.9
Manufactured Goods	4.2	7.9	14.7	6.0	8.5	17.7
Machinery & Transport Equipment	-10.0	-9.9	-9.3	-3.4	-5.0	-3.9
ICT-Related Products	-11.4	-11.1	-10.3	-3.5	-5.4	-2.7
Electrical Machinery	-7.6	-6.7	-6.3	-3.3	-6.4	-2.0
Office & Data Processing Machines	-11.5	-11.5	-11.3	-3.3	-4.6	-6.2
Telecommunication Apparatus	-28.4	-29.4	-25.6	-4.7	-1.8	-1.6
Others	2.3	0.6	-1.1	-2.1	-2.1	-0.4
Miscellaneous Manufactures	-3.5	-2.7	-2.6	-1.7	-0.1	-0.3

31 The 2006-based and 2000-based Oil indices fell during January to March 2007, registering only slight differences in the quantum of decline mainly because the composition of oil products in the two baskets are largely similar.

32 In contrast, the 2006-based and 2000-based Non-Oil indices moved in opposite directions primarily because of the significant differences in the relative weights and changes in product-mix of the two major Non-oil components, namely the Machinery & Transport Equipment and Chemicals & Chemical Products Sections.

33 The 2006-based Machinery & Transport Equipment index declined at a faster rate than the corresponding 2000-based index. This was attributed to the sharper fall in the prices of key product items in this section which accounted for a larger share in the 2006-based index than the 2000-based index. The main product items in this section such as integrated circuits, disk drives, parts of data processing machines & peripherals, transmitters & transmitter-receivers and printed circuits, made up about 76 per cent of the 2006-based index compared to 65 per cent in the 2000-based index.

34 Due to rapid development in the chemicals industry, about 41 per cent of the products in the 2006-based Chemicals & Chemical Products index are new items.

Prices of the new products such as active pharmaceutical ingredients, propylene oxide, acetone, titanium oxide and nitrogen increased at a slower rate than the prices of the product items in the 2000-based index during January to March 2007. Coupled with shifts in the weighting pattern within the section, the 2006-based price index registered smaller increases than the 2000-based index during this period.

Domestic Supply Price Index

35 Table 3 shows the year-on-year percent changes of the 2006-based and 2000-based DSPI at the commodity section level from January to March 2007. Since the DSPI is a composite index of the IPI and SMPPI, the Machinery & Transport Equipment and Oil indices would also have considerable impact on the movements of the DSPI as in the IPI and SMPPI (see Chart 2 in Appendix IV).

TABLE 3 CHANGES IN DSPI, Jan–Mar 2007
(Over Same Period of Previous Year)

Commodity Section	Base Year 2006			Base Year 2000			Per Cent
	Jan 2007	Feb 2007	Mar 2007	Jan 2007	Feb 2007	Mar 2007	
All Items	-5.3	-4.0	-2.7	-4.0	-1.2	0.2	
Oil	-14.7	-10.1	-7.4	-12.0	-6.3	-3.0	
Non-Oil	-1.7	-1.6	-0.9	0.3	1.4	1.9	
Food	0.6	1.8	2.8	0.4	1.5	2.1	
Beverages & Tobacco	-3.2	-2.9	-3.0	-1.0	-0.3	-0.4	
Crude Materials	21.7	29.4	31.6	23.2	105.5	105.7	
Animal & Vegetable Oils	2.6	3.9	5.4	14.5	16.3	17.7	
Chemicals & Chemical Products	5.2	4.1	4.7	6.6	4.9	4.9	
Manufactured Goods	6.2	7.7	10.4	6.0	7.1	12.0	
Machinery & Transport Equipment	-6.3	-6.4	-5.9	-2.7	-2.9	-3.2	
ICT-Related Products	-7.6	-7.8	-7.1	-2.9	-3.1	-3.4	
Electrical Machinery	-7.1	-6.1	-5.7	-2.8	-2.9	-2.8	
Office & Data Processing Machines	-3.8	-6.6	-6.0	-2.9	-4.5	-6.6	
Telecommunication Apparatus	-16.0	-16.0	-13.9	-3.6	-2.8	-3.0	
Others	-1.2	-1.2	-1.7	-1.4	-0.6	-0.1	
Miscellaneous Manufactures	-0.7	-	-0.1	-1.4	-0.3	-1.2	

36 Between January and March 2007, changes in the overall 2006-based DSPI differed from those of the 2000-based index, owing primarily to deviations in the movement of the Non-Oil indices.

37 The Oil index for both series trended in the same direction, but the 2006-based index fell at a faster rate than the 2000-based index. Prices of crude petroleum declined more than prices of refined petroleum products during January to March 2007. The increased share of crude petroleum within the section together with declining crude petroleum prices contributed to the sharper decline of the 2006-based Oil index.

38 The deviation of the 2006-based Non-Oil index from the corresponding 2000-based index was attributed to significant changes in the share of the various commodity sections within the Non-Oil Section as well as differences in the magnitude of change in the 2006-based and 2000-based series, especially in respect of the Machinery & Transport Equipment and Chemicals & Chemical Products indices.

39 The 2006-based Machinery & Transport Equipment index fell more steeply than the 2000-based index during January to March 2007. This was due to prices of ICT-related products in the 2006-based IPI and SMPPI declining by nearly three times more than those in the corresponding 2000-based series. On the other hand, the 2006-based Chemicals & Chemical Products index registered lower rates of increase compared with the 2000-based index from January to March 2007.

40 Higher imported prices for sand and granite materials were responsible for the large increases registered in the 2000-based and 2006-based Crude Materials index during January to March 2007. The 2006-based index rose less sharply than the 2000-based index as a result of significant shifts in weighting pattern within the Crude Materials section as well as changes in product composition between the old and new baskets. The share of sand and granite fell to 18 per cent in 2006, from 60 per cent in the 2000-based series, due to significant price increases in rubber and metallic ores & scrap products.

V DISSEMINATION OF DATA

41 A monthly report on the SMPPI and DSPI is released in the Department's homepage (<http://www.singstat.gov.sg>) 30 days after the end of the index's reference month. They are also published in the Monthly Digest of Statistics and Yearbook of Statistics. The price indices are also available for subscription in Singstat Time Series Online (STS), the Department's on-line public database.

APPENDICES

INDEX COMPUTATION METHOD

Computation of SMPPI

1 The SMPPI is a fixed-weight modified Laspeyres (also known as the Young Index) price index. The modified Laspeyres is the weighted average of the current-to base-period price relatives where the weight reference period of 2005 precedes the price reference period of 2006.

2 The price indices are built up progressively from the commodity brand to the item, group, division, section and overall levels. The price relatives at the commodity brand level provide the basic level for the compilation of higher level (or more aggregated) indices.

3 The geometric means of these basic relatives are computed to form indices at the commodity item level. The weighted average of the price indices at the commodity item level is then used to form price indices at the group level. The process is repeated to obtain higher level indices including the division, section and overall price indices.

4 The modified Laspeyres formula used for index computation is presented below :

Price Index at Commodity Brand Level

$I_{it} = P_{it}/P_{i0} \times 100$ is the price relative of the i-th commodity brand in period t relative to the base period where P_{it} is the price of the i-th commodity brand in period t and P_{i0} is the price of the i-th commodity brand in the base period.

Price Index at Commodity Item Level

$I_{jt} = \Pi(I_{it})^{1/N}$ is the price relative of the j-th commodity item in period t where N is the number of commodity brands within the j-th commodity item.

Price Index at Commodity Group Level

$I_{kt} = \Sigma W_j I_{jt}$ is the price relative of the k-th commodity group in period t where W_j is the relative weight of the j-th commodity item, i.e. $\Sigma W_j = 1$.

Price Index at Commodity Division Level

$I_{mt} = \Sigma W_k I_{kt}$ is the price relative of the m-th commodity division in period t where W_k is the relative weight of the k-th commodity group, i.e. $\Sigma W_k = 1$.

Price Index at Commodity Section Level

$I_{rt} = \Sigma W_m I_{mt}$ is the price relative of the r-th commodity section in period t where W_m is the relative weight of the m-th commodity division, i.e. $\Sigma W_m = 1$.

Price Index at Overall Level

$I_t = \Sigma W_r I_{rt}$ is the price index in period t where W_r is the relative weight of the r-th commodity section, i.e. $\Sigma W_r = 1$.

Computation of DSPI

5 In the DSPI, the price relatives are compiled at the commodity item (7-digit SITC) level. The price relative for a commodity item, D_{it} , is computed as follows :

$$D_{it} = k_i S_{it} + (1 - k_i) M_{it}$$

where

k_i is the proportion of the supply of the i -th item from local source;

$(1 - k_i)$ is the proportion of the supply of the i -th item from external source (retained imports);

S_{it} is the price relative of the i -th item from the SMPPI (local component) for period t ; and

M_{it} is the price relative of the i -th item from the IPI (imported component) for period t .

6 Once the commodity item price relative for the DSPI is computed, the various price indices at higher aggregated levels can be computed as in the SMPPI.

**NUMBER OF INDICES AT COMMODITY DIVISION,
GROUP AND ITEM LEVEL
(2006=100)**

Commodity Section	Commodity Division	Commodity Group	Commodity Item
Singapore Manufactured Products Price Index	50	129	315
Oil	2	3	11
Non-Oil	48	126	304
Food	8	18	49
Beverages & Tobacco	2	4	8
Crude Materials	4	5	7
Animal & Vegetable Oils	2	3	11
Chemicals & Chemical Products	8	23	56
Manufactured Goods	9	28	58
Machinery & Transport Equipment	8	26	59
Miscellaneous Manufactures	7	19	56
Domestic Supply Price Index	56	182	679
Oil	2	4	14
Non-Oil	54	178	665
Food	10	29	113
Beverages & Tobacco	2	4	17
Crude Materials	6	10	19
Animal & Vegetable Oils	3	4	17
Chemicals & Chemical Products	8	28	120
Manufactured Goods	9	42	142
Machinery & Transport Equipment	8	36	138
Miscellaneous Manufactures	8	25	99

**WEIGHTS OF SINGAPORE MANUFACTURED PRODUCTS PRICE INDEX
AT COMMODITY SECTION AND GROUP LEVEL
(2006=100)**

	Weights		Weights
TOTAL ALL-ITEMS	10,000	Chocolate	9
FOOD	186	Tea and mate	1
Meat & meat offal, fresh, chilled or frozen	7	3-in-1 instant milk tea	
Non-halal chicken		Ice tea powder	
Halal chicken		Spices	1
Meat & meat offal, prepared or preserved	11	Pepper, black, not ground	
Sausages		Chillies, ground, dried	
Chicken nuggets		Animal feeding stuff	5
Ham		Wheat bran	
Pork floss		Feed supplements	
Milk and cream	32	Shortenings and margarine	1
Evaporated milk		Food preparations, not elsewhere classified	45
Skimmed milk powder		Soya sauce	
Full cream milk powder		Chilli sauce	
Fish fresh, chilled or frozen	2	Mixed condiments & mixed seasonings	
Tuna		Sauces	
Fish fillets		Instant noodles	
Fish, prepared or preserved and crustaceans & molluscs	10	Birds' nests	
Fish ball		Syrups	
Sharks' fins, canned		Dried bean curd & bean curd sticks	
Sea cucumber		BEVERAGES & TOBACCO	47
Wheat flour	4	Non-alcoholic beverages	15
Cereal and flour preparations	33	Mineral water	
Cereals		Ice	
Rice vermicelli		Carbonated drinks	
Pasta		Non-carbonated drinks	
Biscuits sweetened without cocoa		Alcoholic beverages	13
Crisp savoury food products		Stout & porter	
Pastries		Beer & ale	
Fruit, preserved, and fruit preparations	2	Tobacco unmanufactured	3
Edible nuts, prepared or preserved		Tobacco manufactures	16
Fruit, prepared or preserved		CRUDE MATERIALS	6
Fruit and vegetable juices	3	Wood shaped or worked	1
Coffee	12	Coniferous wood, worked	
Coffee beans, roasted, ground		Wooden pole	
Coffee beans, roasted, unground		Stone, sand and gravel	2
Coffee extracts, essences & concentrates, incl 3-in-1 instant coffee		Marble & similar stones roughly worked	
Cocoa	9	Granite & porphyry, roughly worked	
Cocoa powder unsweetened		Calcined gypsum & plasters	
Cocoa butter			

**WEIGHTS OF SINGAPORE MANUFACTURED PRODUCTS PRICE INDEX
AT COMMODITY SECTION AND GROUP LEVEL
(2006=100)**

	Weights		Weights
Sulphur & unroasted iron pyrites	1	Propene	
Metal waste, scrap, exclude iron	1	Butylene butadiene & isoprene	
Crude vegetable materials, not elsewhere classified	1	Benzene	
Gum benjamin		Toluene	
Dehydrated jelutong		Xylene	
		Styrene	
MINERAL FUELS	2,182	Alcohols, phenols, and derivatives	67
Petroleum products, refined	2,111	Propyl & isopropyl alcohols	
Motor spirit, refined		Phenol & its salts	
Naphtha		Carboxylic acids and derivatives	94
Kerosene		Acetic acid & its salts	
Diesel fuel		Esters of acetic acid	
Fuel oils		Methacrylic acid & its salts & esters	
Lubricating oil		Other monocarboxylic acids & derivatives	
Lubricating grease		Diocetyl orthophthalates	
Residual petroleum products, not elsewhere classified	38	Other polycarboxylic acids & derivatives	
Waxes		Nitrogen-function compounds	1
Petroleum bitumen & residues of petroleum oils		Amine-function compounds	
Bituminous mixtures of asphalt		Oxygen-function amino-compounds	
Natural gas	33	Organo-inorganic compounds	639
ANIMAL & VEGETABLE OILS & FATS	23	Heterocyclic compounds & nucleic acids & its salts	
Animal oils & fats	1	Active pharmaceutical ingredients	
Liquid lanolin		Other organic chemicals	99
Hard lanolin		Propylene oxide	
Fixed vegetable oils	4	Ethers, ether-alcohols & their derivatives	
Soya bean oil		Aldehydes, aldehyde-alcohols & other oxygen function aldehydes	
Cotton seed oil		Acetone	
Groundnut oil		Inorganic chemicals	37
Sunflower-seed or safflower oil		Oxygen	
Maize (corn) oil		Nitrogen	
Sesame oil		Hydrogen & rare gases	
Other fixed vegetable oils	19	Other inorganic acids & oxygen compounds of non-metals	
Palm oil, refined		Titanium oxides	
Coconut oil, refined		Paints & varnishes	44
Palm kernel oil		Printing ink	
CHEMICALS & CHEMICAL PRODUCTS	2,053	Varnishes incl lacquers	
Hydrocarbons	389	Ships' bottom composition & anti-fouling paints	
Ethylene		Undercoats & primers	
		Paints	
		Medicinal and pharmaceutical products excl medicaments	3
		Herb food capsules	
		Powder beverage	

**WEIGHTS OF SINGAPORE MANUFACTURED PRODUCTS PRICE INDEX
AT COMMODITY SECTION AND GROUP LEVEL
(2006=100)**

Weights	Weights
Medicaments 135	MANUFACTURED GOODS 430
Essential oils 12	Leather and leather manufactures 9
Mixtures of odoriferous substances	
Flavouring substances	
Perfume & cosmetics 23	Rubber fabricated manufactures 2
Perfumes	Piping & fittings of unhardened vulcanised rubber
Air refreshener	Unhardened vulcanised rubber, braided hydraulic hose
Soap and cleansing preparations 11	Other rubber manufactures 16
Organic surface-active agents	Hydraulic hoses
Washing preparations	Piping & fitting of unhardened vulcanised rubber
Polyethylene in primary forms 140	Veneers, plywood 2
Polystyrene in primary forms 44	Wood manufactures 10
Polyvinyl chloride in primary forms 38	Wooden packing, cases, boxes, crates & drums
	Wood carpentry, eg. Doors
Other resins in primary forms 84	Paper and paperboard 17
Epoxide resins in primary forms	Paper & paperboard corrugated, creped or crinkled
Polycarbonates in primary forms	Paper & paperboard coated with plastics or wax, coloured or printed
Alkyds & other polyesters in primary forms	
Other plastics in primary forms 71	Articles of paper, paper pulp & cellulose wadding 39
Polypropylene in primary forms	Cartons, boxes & other packing containers, letter trays or box files
Acrylic in primary forms	Envelopes, letter, cards, plain postcard
Polyamides in primary forms	Registers, account books & other stationery of paper & paperboard
Plastic tubes & pipes 3	Disposable diapers for babies
Plastic plates & sheets 14	Textile yarn thread 19
Plates or sheets of cellulose derivatives & other plastics, self-adhesive	Textured yarn of synthetic filament
Plates or sheets of plastic, non-cellular & not reinforced	Fabrics, woven 2
Starches 8	Woven fabrics incl narrow fabrics of glass fibres
Ethylene vinyl acetate glue	
Prepared glues - Single component epoxy	Fabrics, knitted or crocheted 2
Lubricating preparations & anti-knock preparations 71	Cotton knitted fabric
Additives for lubricating oils - sulfonates	Spandex knitted fabric
Additives for lubricating oils - zinc dithiophosphates	Mineral manufactures, not elsewhere classified 25
Other chemical products 24	Ready mixed concrete
Soldering fluxes	Tiles, flagstones, bricks & similar articles of cement or artificial stone
Laboratory diagnostic kits	Glass 28
	Safety glass of toughened or laminated glass
	Glass envelopes, open, & glass parts for electric lamps or cathode-ray
	Glass fibres, incl glass wool

**WEIGHTS OF SINGAPORE MANUFACTURED PRODUCTS PRICE INDEX
AT COMMODITY SECTION AND GROUP LEVEL
(2006=100)**

	Weights		Weights
Alloy steel flat-rolled product	31	Base metal manufactures not elsewhere classified	48
Cold rolled coil/sheet		Mountings & fittings for furniture, doors & windows	
Electro galvanised steel strip		Chain & parts, of iron or steel	
Steel bar, shape	30	Spring & leaves for springs of iron or steel	
Wire rods of iron or non-alloy steel		Sign-plates, name-plates of base metal	
Round reinforcement bars of iron or non-alloy steel		Cast articles of iron or steel	
Iron and steel wire	1		
Iron pipes and fittings	4	MACHINERY & TRANSPORT EQUIPMENT	4,510
Tubes, pipes & hollow profiles, seamless, of iron or steel		Piston engines	7
Tube & pipe fittings of iron or steel		Electric plant and parts	36
Copper	15	DC motors	
Copper wire		DC generators	
Strip of copper		Generating sets	
Aluminium	6	Civil engineering equipment and parts	74
Bars & rods, wrought, aluminium & aluminium wire		Parts of earth moving, boring & sinking machinery	
Aluminium foil		Stator wound dominator	
Tin	3	Specialized machinery, not elsewhere classified	68
Wrought bars rods of tin		Semiconductor assembly packaging equipment - automolding machine	
Solder bar		Buffing machine	
Structural parts	52	Machine-tools for removing metal	14
Structures & parts of structures of iron or steel		Metal reaming & milling machines	
Door & window frames & casements of iron or steel		Metal sharpening, polishing & similar machines operated by grinding wheels, abrasives or polishing products	
Structures & parts of aluminium		Parts for metals machine-tools	10
Metal containers	26	Fixed tool holder	
Wire products	17	Packing stiffeners	
Stranded wire, cables, slings, uninsulated of iron or steel		Metalworking machinery	14
Gauze cloth, grill, netting, fencing or expanded metal of iron or steel		Soldering & desoldering equipments	
Nail, screw & bolt	10	Inverter welding machines	
Screws of iron or steel		Heating and cooling equipment	53
Bolts & nuts of iron or steel		Parts for industrial or laboratory furnaces & ovens or incinerators	
Hand tools	13	Refrigerating or freezing equipment	
Dies for machine tools		Pumps for liquids	9
Drills interchangeable for hand or machine tools		Multi-stage submissible pumps	
Household equipment	2	End-suctions horizontal split casing centrifugal pumps	
Stainless steel coffee counter			
Stainless steel cabinet			

**WEIGHTS OF SINGAPORE MANUFACTURED PRODUCTS PRICE INDEX
AT COMMODITY SECTION AND GROUP LEVEL
(2006=100)**

Weights	Weights
Pumps not elsewhere classified 45	Electricity distributing equipment 18
Compressors	Lacquered or enamelled wire
Filtering & purifying machinery & apparatus	Electric wire & cables
Mechanical handling equipment 37	Household goods 14
Cranes, mobile lifting frames & straddle carriers	Iron
Lifting, handling & loading machines	Steam iron
Pneumatic elevators & conveyors	Electronic valves 1,662
Ball or roller bearings 12	Smart cards
Taps, cocks & valves 11	Integrated circuits
Non-electric parts and accessories of machinery, not elsewhere classified 50	Mounted piezo-electric crystals
Plastic injection mould by pressure tonnage	Parts of diodes, photocells, transistors
Components for office shaft	Electrical machinery not elsewhere classified 82
Office machines 7	Primary cells & batteries
Cash registers	Capacitors
Point-of-sales terminals	Electric sound or visual signalling apparatus
Data processing machines 939	Parts for tractors and motor vehicles 25
Microcomputers	Motorcycles and parts 11
Laptops	MISC MANUFACTURES 563
Disk drives	Lighting fixtures 3
Tape drives	Electric lamps
Printers	Parts of electric & non-electric lamps
Parts for office and data processing 553	Furniture 24
Parts & accessories for photo-copying or thermo-copying apparatus	Chairs & seats
Parts of data processing machines & peripherals	Mattresses of inner springs
Telecommunication equipment 410	Office furniture, metal
Transmitters & transmitter-receivers	Office furniture, wood
Parts of line, telephonic or telegraphic apparatus	Other wooden furniture, incl display stands
Parts of television & radio-broadcast receivers & telecom apparatus	Travel goods 1
Electrical power machinery 7	Handbags
Battery charges	Luggage bags
Parts of power supply units for automatic data processing machines	Men's clothing, woven 5
Electrical circuit apparatus 343	Women's clothing, woven 2
Printed circuits	Apparel articles of textile 20
Resistors	Jerseys, pullovers, cardigans & waistcoats, knitted or crocheted of man-made fibres
Circuit breakers	Women's or girls' dresses of cotton, woven
Switches	Optical instruments & apparatus 14
Electrical switching board control panels	

**WEIGHTS OF SINGAPORE MANUFACTURED PRODUCTS PRICE INDEX
AT COMMODITY SECTION AND GROUP LEVEL
(2006=100)**

Weights	Weights
Medical apparatus 59 Syringes, needles, catheters & cannulae Ophthalmic instruments	Watches and clocks 4
Measuring instruments, meters and counters not elsewhere classified 75 Navigational instruments incl compasses surveying instruments Drawing calculating measuring & checking instruments not elsewhere classified Instruments to measure or control liquid, gas or temperature Instruments for physical or chemical analysis Mechanical appliances for testing physical properties of industrial materials Automatic regulating or controlling instruments & apparatus Instruments for measuring or checking electrical quantities Parts of physical chemical analysis, measuring or controlling instruments Gas, liquid & electricity supply or production meters & calibrating meters	Printed matter 79 Printed books Brochures, leaflets & similar printed matter Newspapers, journals & periodicals Labels of paper or paperboard Calendars of any kind incl calendar blocks
Photographic supplies 5 Chemical products used in photography Photographic plates & film, developed	Articles of plastic 116 Plastic articles for the conveyance or packing of goods; stoppers, lids, caps & other closures Household & toilet articles, of plastic Fittings for tubes pipes & hoses, of plastic Office & school supplies, of plastic
Optical goods not elsewhere classified 14 Contacts & spectacle lenses Lenses, prisms & optical fibres	Toys & games 2
	Jewellery 19
	Musical instruments and parts 93 CD-ROMs, blank CD-ROMs, recorded Music CDs or VCDs or DVDs, recorded
	Miscellaneous manufactured articles not elsewhere classified 28 Hearing aids, excl parts & accessories Slide-fasteners

**WEIGHTS OF DOMESTIC SUPPLY PRICE INDEX
AT COMMODITY SECTION AND GROUP LEVEL
(2006=100)**

	Weights		Weights
TOTAL ALL-ITEMS	10,000	Wheat, unmilled	3
FOOD	308	Rice	6
Live animals	14	Wheat flour	5
Live pigs		Cereal and flour preparations	33
Live chicken		Cereals	
Live ducks		Malt	
Meat & meat offal, fresh, chilled or frozen	35	Rice vermicelli	
Beef		Pasta	
Mutton		Biscuits sweetened without cocoa	
Pork		Biscuits sweetened with cocoa	
Chicken, whole		Crisp savoury food products	
Chicken wings		Pastries	
Chicken parts		Vegetables, fresh or chilled	14
Meat & meat offal, prepared or preserved	6	Potatoes, fresh or chilled	
Sausages		Tomatoes, fresh or chilled	
Chicken nuggets		Onions incl spring onions, fresh or chilled	
Ham		Cabbages, fresh or chilled	
Pork floss		Leafy or stem vegetables, fresh or chilled	
Milk and cream	29	Fruited or leguminous vegetables, fresh or chilled	
Evaporated milk		Tapioca, sweet potatoes, yam & other roots & tubers, fresh or dried	
Skimmed milk powder		Vegetables, roots, tubers, prepared or preserved	3
Full cream milk powder		Canned vegetables	
Condensed milk		Pickled lettuce	
Ice cream		Fruits and nuts, fresh or dried	12
Butter	4	Oranges	
Cheese and curd	3	Bananas	
Eggs	5	Apples	
Fish fresh, chilled or frozen	22	Grapes	
Freshwater aquarium fish		Nuts	
Marine fish		Melons incl watermelons	
Tuna		Pears & quinces	
Fish fillets		Avocados mangoes guavas & mangosteens	
Crustaceans & molluscs	12	Fruit, preserved, and fruit preparations	2
Prawns & shrimps		Edible nuts, prepared or preserved	
Cuttlefish & squid		Fruit, prepared or preserved	
Beche-de-mer (sea cucumber)		Fruit and vegetable juices	2
Fish, crustaceans & molluscs, prepared or preserved	16	Sugar and honey	7
Mackerel, canned		Sugar confectionery	3
Sharks' fins, canned		Vegetables, fruit, nuts, fruit-peel & other parts of plants preserved by sugar	
Abalone, canned		Sugar confectionery not containing cocoa	
Fish ball			

**WEIGHTS OF DOMESTIC SUPPLY PRICE INDEX
AT COMMODITY SECTION AND GROUP LEVEL
(2006=100)**

	Weights		Weights
Coffee	8	Whiskies	
Coffee beans, not roasted		Rum	
Coffee beans, roasted, ground		Vodka	
Coffee beans, roasted, unground		Samsoo incl medicated samsoo	
Coffee extracts, essences & concentrates, incl 3-in-1 instant coffee		Tobacco unmanufactured	5
Cocoa	10	Tobacco manufactures	12
Cocoa beans			
Cocoa powder unsweetened		CRUDE MATERIALS	43
Cocoa paste		Soya beans	1
Cocoa butter		Crude rubber, natural gums	4
Chocolate	6	Rubber ribbed smoked sheets	
Spices	1	Technically specified rubber	
Pepper, black, not ground		Synthetic rubber and waste	1
Pepper, white, not ground		Wood shaped or worked	3
Chillies, ground, dried		Kempas wood sawn sliced or peeled	
Ginger, fresh or dried		Meranti wood sawn sliced or peeled	
Animal feeding stuff	3	Stone, sand and gravel	10
Wheat bran		Granite & porphyry roughly worked	
Feed supplements		Natural sands	
Fish feed		Granite, crushed or broken	
Dog food		Other crude minerals	8
Food preparations, not elsewhere classified	43	Slag, dross & similar waste from the manufacture of iron or steel	
Soya sauce		Bitumen & asphalt natural	
Chilli sauce		Iron or steel scrap	7
Mixed condiments & mixed seasonings		Metal waste, scrap, exclude iron	6
Instant noodles		Copper waste & scrap	
Birds' nests		Nickel waste & scrap	
Malt extract		Crude vegetable materials, not elsewhere classified	4
Protein concentrates		Rattans	
Non-alcoholic preparations used for making beverages		Chinese medicine (eg. cordiceps, chrysanthemum)	
Syrups		Flowers, fresh	
Dried bean curd & bean curd sticks		Flowers, dried or dyed	
BEVERAGES & TOBACCO	54	MINERAL FUELS	2,855
Non-alcoholic beverages	17	Petroleum, crude	1,364
Mineral water			
Carbonated drinks			
Non-carbonated drinks			
Alcoholic beverages	20		
Sparkling wine			
Wine			
Stout & porter			
Beer & ale			

**WEIGHTS OF DOMESTIC SUPPLY PRICE INDEX
AT COMMODITY SECTION AND GROUP LEVEL
(2006=100)**

	Weights		Weights
Petroleum products, refined	1,475	Acyclic hydrocarbons	
Motor spirit, refined		Benzene	
Jet fuel		Toluene	
Naphtha		Xylene	
Kerosene		Styrene	
High speed diesel fuel		Halogenated derivatives of hydrocarbons	
Diesel fuel			
Fuel oils		Alcohols, phenols, and derivatives	54
Lubricating oil		Methyl alcohol	
Lubricating grease		Propyl & isopropyl alcohols	
Liquid paraffin		Butyl alcohol	
		Ethyl alcohol	
Residual petroleum products, not elsewhere classified	7	Fatty alcohols	
Turpentine oil		Acyclic alcohols & their derivatives	
Hydrocarbon solvents		Cyclic alcohols & their derivatives	
		Phenol & its salts	
Natural gas	9	Carboxylic acids and derivatives	71
		Acetic acid & its salts	
		Esters of acetic acid	
ANIMAL & VEGETABLE OILS & FATS	27	Methacrylic acid & its salts & esters	
		Monocarboxylic acids & derivatives	
Animal oils & fats	1	Phthalic anhydride	
Anhydrous lanolin		Dioctyl orthophthalates	
Wool grease		Polycarboxylic acids & derivatives	
		Carboxylic acids with additional oxygen function & derivatives	
Fixed vegetable oils	5		
Soya bean oil		Nitrogen-function compounds	92
Cotton seed oil		Amine-function compounds	
Groundnut oil		Oxygen-function amino-compounds	
Olive oil		Carboxyamide-function compounds & amide-function compounds of carbonic acid	
Sunflower-seed or safflower oil		Quaternary ammonium salts, hydroxides, lecithins & other phosphoaminolipids	
Maize (corn) oil		Nitrogen-function compounds	
Rape colza & mustard seed oil			
Sesame oil		Organo-inorganic compounds	57
		Organo-sulphur compounds	
Other fixed vegetable oils	15	Heterocyclic compounds & nucleic acids & its salts	
Palm oil, crude		Active pharmaceutical ingredients	
Coconut oil, crude			
Coconut oil, refined		Other organic chemicals	97
Palm kernel oil		Propylene oxide	
		Ethers, ether-alcohols etc & their derivatives	
Other animal & vegetable oils	6	Aldehydes, aldehyde-alcohols & other oxygen function aldehydes	
Vegetable oils & fats hydrogenated		Acetone	
Stearin		Methyl ethyl ketone	
Fatty acids & acid oils from refining			
CHEMICALS & CHEMICAL PRODUCTS	1,373	Inorganic chemicals	43
		Oxygen	
Hydrocarbons	315	Nitrogen	
Ethylene			
Propene			
Butylene butadiene & isoprene			

**WEIGHTS OF DOMESTIC SUPPLY PRICE INDEX
AT COMMODITY SECTION AND GROUP LEVEL
(2006=100)**

	Weights		Weights
Hydrogen & rare gases		Toothpaste	
Selenium		Agarbatti, incl scented joss sticks	
Nitric & sulphonitric acids		Air fresheners or room deodorisers	
Inorganic acids & oxygen compounds of non-metals		Soap and cleansing preparations	12
Manganese oxides		Toilet soaps incl medicated soaps	
Titanium oxides		Organic surface-active agents	
Sodium hydroxide in aqueous solution		Surface-active preparations	
Hydrazine & hydroxylamine & other inorganic bases		Washing preparations	
		Polishes & creams	
Metallic salts etc inorganic	2	Polyethylene in primary forms	69
Potassium carbonate in powder form		Polystyrene in primary forms	30
Strontium carbonate in powder form		Polyvinyl chloride in primary forms	17
Other inorganic chemicals	9	Other resins in primary forms	39
Potassium gold cyanide		Epoxide resins in primary forms	
Potassium silver cyanide		Polycarbonates in primary forms	
Synthetic organic dye	2	Other plastics in primary forms	42
Paints & varnishes	36	Polypropylene in primary forms	
Printing ink		Acrylic in primary forms	
Varnishes incl lacquers		Polyamides in primary forms	
Ships' bottom composition & anti-fouling paints		Polyurethanes in primary forms	
Undercoats & primers		Silicones in primary forms	
Paints		Petroleum coumarone-indene resins etc in primary forms	
Pigments incl metallic powders & flakes in non-aqueous media		Plastic tubes & pipes	2
Glaziers' putty fillings & similar mastics		Plastic plates & sheets	26
Solvents & thinners for varnishes		Plates or sheets of polymers of vinyl chloride	
Medicinal and pharmaceutical products excl medicaments	51	Plates or sheets of cellulose derivatives & other plastics, self-adhesive	
Vitamins & provitamins		Plates or sheets of plastic, non-cellular & not reinforced	
Adrenal, cortical hormones & derivatives		Plates or sheets of plastics, reinforced	
Organo-therapeutic glands, dried & extracts		Plastic monofilament rods	2
Antiseria & other blood fractions & vaccines		Monofilament rigid tubes or rods of plastic	
Medicated wadding gauze bandages		Monofilament rigid tubes or rods of cellulose derivatives	
Medicaments	101	Disinfectants & insecticides	2
Essential oils	22	Insecticides	
Essential oils & aqueous solutions of essential oils		Weed killers	
Mixtures of odoriferous substances		Starches	12
Odoriferous substances used in the food or drink industries		Starches & inulin	
Perfume & cosmetics	33	Dextrins & starch glues	
Perfumes & toilet waters		Prepared glues	
Face & skin creams & lotions			
Shampoos			
Hair creams & lotions			

**WEIGHTS OF DOMESTIC SUPPLY PRICE INDEX
AT COMMODITY SECTION AND GROUP LEVEL
(2006=100)**

	Weights		Weights
Lubricating preparations & anti-knock preparations	67	Articles of paper, paper pulp & cellulose wadding	43
Prepared additives for lubricating oils		Cartons, boxes & other packing containers, letter trays & box files	
Lubricating preparations		Envelopes, letter, cards, plain postcard	
Other chemical products	69	Registers & account books	
Artificial waxes		Toilet paper, cut to size	
Catalytic preparations & reaction initiators & accelerators		Adhesive paper in strips or rolls	
Soldering fluxes		Disposable diapers for babies	
		Sanitary towels & tampons	
		Joss paper	
MANUFACTURED GOODS	807	Textile yarn thread	12
Leather and leather manufactures	8	Textured yarn of synthetic filament	
		Synthetic monofilament	
Rubber fabricated manufactures	1	Slivers, rovings, yarn & chopped strands of glass fibres	
Compounded rubber unvulcanised in primary forms, in plates, sheets & strips		Cotton fabrics, woven	2
Piping & fittings of unhardened vulcanised rubber		Synthetic fabrics, woven	2
Rubber tyres, tubes	2	Fabrics, knitted or crocheted	4
Motor car tyres, pneumatic		Cotton knitted fabric	
Aircraft tyres, pneumatic		Spandex knitted fabric	
Other rubber manufactures	20	Special fabrics and products	7
V-type transmission belts of vulcanised rubber		Nonwovens	
Rubber articles (eg. stoppers, caps)		Rubberised textile fabrics	
Veneers, plywood	6	Twine, cordage, ropes & cables of synthetic fibres	
Wood manufactures	8	Knotted netting & fishing nets	
Timber solid door		Textile products & articles for technical uses	
Timber door panel		Articles of textile	6
Paper and paperboard	55	Bed linen, not knitted or crocheted	
Newsprint, in rolls or sheets		Toilet linen & kitchen linen of cotton	
Printing & writing paper & paperboard, uncoated, in rolls or sheets		Floor-cloths & dish-cloths	
Carbon paper self-copy paper etc in rolls or sheets		Industrial safety belts	
Printing & writing paper & paperboard coated in rolls or sheets		Lime, cement & stone	15
Kraft liner		Portland cement	
Semi-chemical fluting paper		Worked monumental or building stone & articles, mosaic cubes of natural stone, slate etc	
Paper & paperboard uncoated in rolls or sheets		Clay materials	3
Paper & paperboard corrugated, creped or crinkled		Ceramic building bricks	
Paper & paperboard coated with plastics or wax, coloured or printed		Glazed ceramic tiles	
		Mineral manufactures, not elsewhere classified	27
		Millstones, grindstones, grinding wheels of natural stone, natural or artificial abrasives, or ceramics	
		Natural or artificial abrasive powder or grain	

**WEIGHTS OF DOMESTIC SUPPLY PRICE INDEX
AT COMMODITY SECTION AND GROUP LEVEL
(2006=100)**

Weights	Weights
Tiles, flagstones, bricks & similar articles of cement, concrete or artificial stone	Copper 54
Articles of stone or other mineral substances	Unwrought copper incl copper alloys, refined
Ceramic wares for laboratory, chemical or other technical uses	Bars & rods of copper
Glass 19	Copper wire
Glass in balls, rods or tubes, unworked	Strip of copper
Float glass & surface ground glass, in sheets	Copper foil
Safety glass of toughened or laminated glass	Tubes & pipes of copper
Glass envelopes, open, & glass parts thereof for electric lamps & cathode-ray	Aluminium 54
Glass fibres, incl glass wool	Aluminium unwrought
Glassware 8	Bars & rods, wrought, aluminium & aluminium wire
Glass containers for the conveyance or packing of goods incl lids, stoppers	Wrought plates, sheets & strip of aluminium
Glassware for table or kitchen purposes	Aluminium foil
Pig, sponge iron 1	Tubes, pipes & hollow profiles of aluminium
Steel flat-rolled product, unclad 54	Nickel and tin 7
Steel flat rolled product, clad 3	Nickel unwrought
Alloy steel flat-rolled product 47	Tin unwrought
Hoop & strip of other alloy steel	Wrought bars, rods, angles, shapes & sections of tin & tin wire
Sheets & plates of other alloy steel	Structural parts 46
Coil for re-rolling of stainless steel	Structures & parts of structures of iron or steel
Steel bar, shape 59	Door & window frames & casements of iron or steel
Wire rods of iron or non-alloy steel	Structures & parts of aluminium
Round reinforcement bars of iron or non-alloy steel	Metal containers 18
Deformed bars of iron or non-alloy steel	Wire products 17
Bars & rods of stainless steel	Stranded wire, cables, slings, uninsulated of iron or steel
U, I or H sections	Gauze cloth, grill, netting, fencing or expanded metal of iron or steel
Rails & railway track construction materials 4	Nail, screw & bolt 19
Iron and steel wire 4	Screws of iron or steel
Wire of iron or non-alloy steel	Bolts & nuts of iron or steel
Wire of stainless steel	Rivets, cotters, cotter-pins or washers of iron or steel
Iron pipes and fittings 53	Hand tools 11
Tubes, pipes & hollow profiles of cast iron	Pliers, pincers, tweezers, pipe-cutters, bolt croppers or punches
Tubes, pipes & hollow profiles, seamless, of iron or steel	Blades for hand or machine saws
Tube & pipe fittings of iron or steel	Dies for machine tools
Silver, platinum metal 18	Drills interchangeable for hand or machine tools
Silver unwrought	Household equipment 4
Platinum unwrought	Stainless steel cooking pot
	Stainless steel dish-rack

**WEIGHTS OF DOMESTIC SUPPLY PRICE INDEX
AT COMMODITY SECTION AND GROUP LEVEL
(2006=100)**

	Weights		Weights
Ball or roller bearings	4	Printed circuit boards assembled for television and radio-broadcast receivers and telecom apparatus	
Taps, cocks & valves	20		
Transmission shafts	7	Electrical power machinery	81
Bearing housing & plain shaft bearings		Transformers	
Gears incl friction gear boxes & speed gears		Static converters, rectifiers & rectifying apparatus	
Non-electric parts and accessories of machinery, not elsewhere classified	47	Ballasts for discharge lamps	
Moulds for metal, metal carbides, glass mineral, rubber or plastics excl ingot moulds		Parts of transformers & rectifiers	
Gaskets & joints of metal mixed with other materials		Electrical circuit apparatus	348
Oil seal rings		Printed circuits	
Office machines	14	Resistors	
Calculating machines incl electronic desk calculators		Fuses	
Cash registers		Circuit breakers	
Photo-copying or thermo-copying apparatus		Relays	
Data processing machines	404	Electrical switching board control panels	
Microcomputers		Electricity distributing equipment	49
Disk drives		Lacquered or enamelled wire	
Tape drives		Electric wire & cables	
Printers		Household goods	20
Adaptor units		Clothes-washing machines	
Optical character readers document/image scanners		Refrigerators	
Parts for office and data processing	365	Shavers & hair clippers, electric	
Parts & accessories for photo-copying or thermo-copying apparatus		Vacuum cleaners & floor polishers, electric	
Printed circuit boards assembled for computers & peripherals		Food grinders, mixers, fruit & vegetable juice extractors, electric	
Parts of data processing machines & peripherals		Smoothing irons, electric	
Television	13	Microwave ovens	
Telecommunication equipment	430	Parts of electro-thermal appliances	
Modems		Electronic valves	1,099
Microphones & stands		Electronic valves & tubes	
Loudspeakers		Parts of electronic valves & tubes	
Headphones earphones & combined microphone/speaker sets		Transistors	
Amplifiers		Light emitting diodes	
Mobile phones		Smart cards	
Radio navigational aid radar & remote control apparatus		Integrated circuits	
Parts of microphones & amplifiers		Mounted piezo-electric crystals	
Parts of television & radio-broadcast receivers & telecom apparatus		Parts of diodes, photocells & transistors	
		Electrical machinery not elsewhere classified	139
		Primary cells & batteries	
		Electric accumulators	
		Parts of primary cells & batteries	
		Electric filament lamps	
		Fluorescent tubular lamps	
		Capacitors	
		Electro & permanent magnets	
		Electric sound or visual signalling apparatus	

**WEIGHTS OF DOMESTIC SUPPLY PRICE INDEX
AT COMMODITY SECTION AND GROUP LEVEL
(2006=100)**

	Weights		Weights
Motor cars	143	Articles of apparel & clothing accessories of unhardened vulcanised rubber	
Goods motor vehicles	23	Footwear	11
Motor vehicles for carrying goods		Sports shoes	
Crane lorries		Men's shoes	
Parts for tractors and motor vehicles	8	Ladies' shoes	
Motorcycles and parts	9	Optical instruments & apparatus	29
Trailers and parts	4	Medical apparatus	48
MISC MANUFACTURES	747	Syringes, needles, catheters or cannulae	
Sanitary, plumbing & heating fixtures & fittings	1	Ophthalmic instruments	
Lighting fixtures	6	Medical, dental, surgical or veterinary furniture incl parts	
Electric lamps		Measuring instruments	202
Non-electric lamps		Navigational instruments incl compasses or surveying instruments	
Parts of electric & non-electric lamps		Drawing, calculating, measuring & checking instruments	
Furniture	22	Instruments to measure or control liquid, gas or temperature	
Chairs & seats		Instruments for physical or chemical analysis	
Mattresses of inner springs		Mechanical appliances for testing physical properties of industrial materials	
Office furniture, metal		Hydrometers, thermometers, pyrometers, or barometers	
Office furniture, wood		Automatic regulating or controlling instruments & apparatus	
Bedroom sets, dining & living room sets, wood		Instruments for measuring or checking electrical quantities	
Other furniture, incl display stands, wood		Parts of physical chemical analysis, measuring or controlling instruments	
Parts of furniture		Photographic apparatus	8
Travel goods	13	Parts & accessories for cameras	
Handbags of leather or composition leather		Parts & accessories for image projectors, photographic enlargers & reducers	
Travel goods, eg. trunks, suit-cases, brief-cases		Photographic supplies	11
Purses, wallets etc		Photographic plates & film in the flat, unexposed, for x-ray	
Men's clothing, woven	7	Photographic plates & film, developed	
Women's clothing, woven	7	Optical goods, not elsewhere classified	8
Women's clothing, knitted	1	Contacts & spectacle lenses	
Apparel articles of textile	19	Lenses, prisms & optical fibres	
Jerseys, pullovers, cardigans, waistcoats etc, knitted or crocheted of man-made fibres		Frames & mountings for spectacles or goggles	
T-shirts, singlets & other vests, knitted or crocheted of cotton		Lenses for cameras, projectors, photographic enlargers or reducers filters	
Brassieres		Watches and clocks	37
Women's or girls' dresses of cotton, woven			
Other clothing accessories, headgear	3		
Braces, coats, incl belts & wrist straps of all kinds of leather or composition leather			

**WEIGHTS OF DOMESTIC SUPPLY PRICE INDEX
AT COMMODITY SECTION AND GROUP LEVEL
(2006=100)**

	Weights		Weights
Printed matter	32	Jewellery	77
Printed books			
Brochures, leaflets & similar printed matter		Musical instruments and parts	90
Newspapers, journals & periodicals		Electric musical instruments	
Labels of paper or paperboard		Video tapes or discs, blank	
Calendars of any kind incl calendar blocks		Audio tapes or discs, blank	
		Music CDs or VCDs or DVDs, recorded	
Articles of plastic	86	Parts of musical instruments	
Plastic articles for the conveyance or packing of goods; stoppers, lids, caps & other closures			
Household & toilet articles, of plastic		Miscellaneous manufactures, not elsewhere classified	21
Fittings for tubes pipes & hoses, of plastic		Hearing aids, excl parts & accessories	
		Orthopaedic appliances, eg. surgical belts etc	
Toys & games	9	Slide-fasteners	
		Parts of slide-fasteners	
Office supplies not elsewhere classified	3		
Ball point pens			
Typewriter & similar ribbons			

**CHART 1 Singapore Manufactured Products Price Index
Comparison of 2006-based & 2000-based Price Indices
(January 2006 - March 2007)**

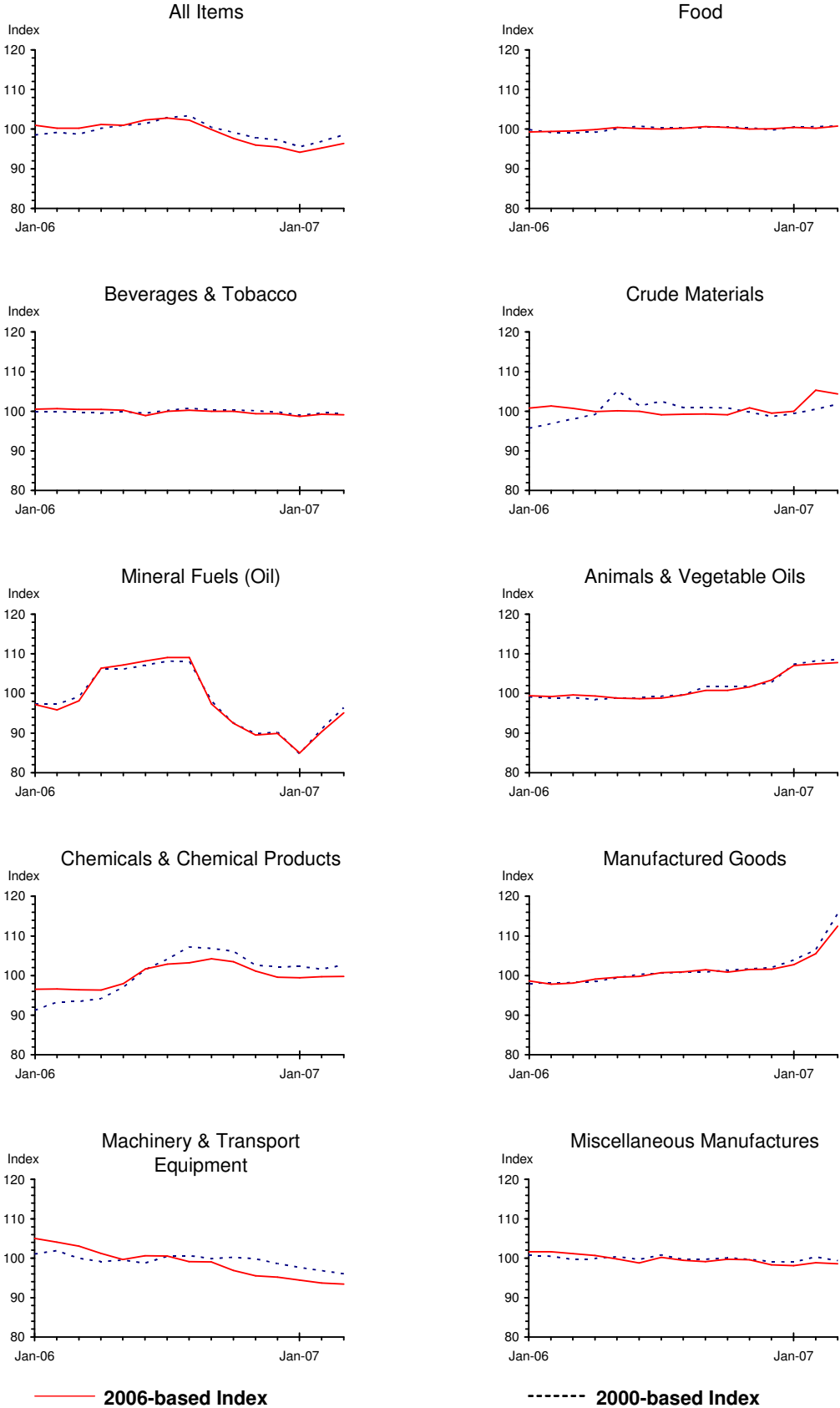
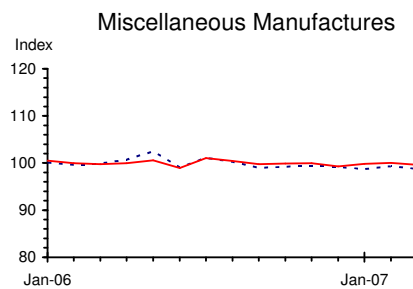
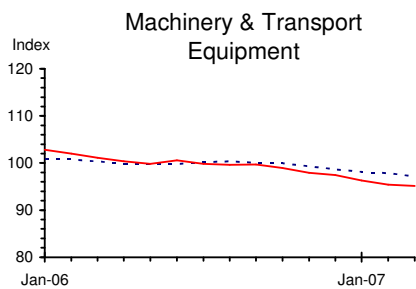
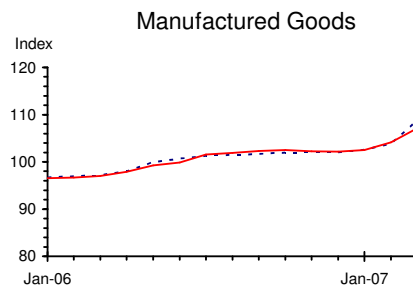
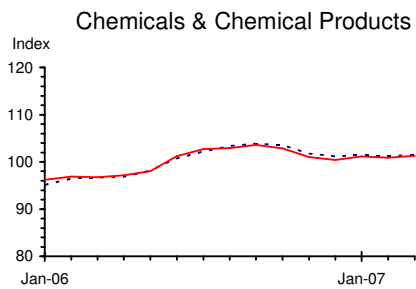
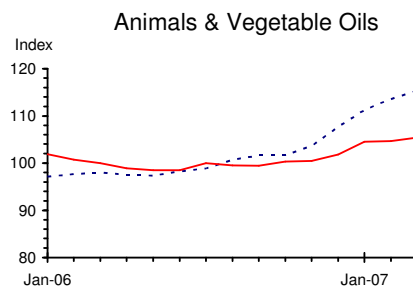
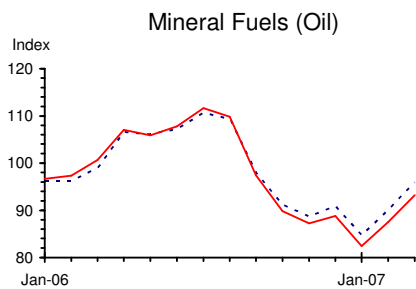
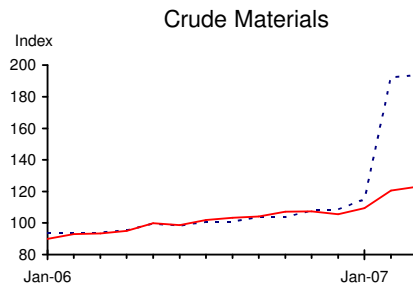
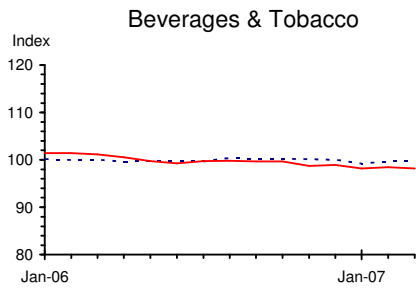
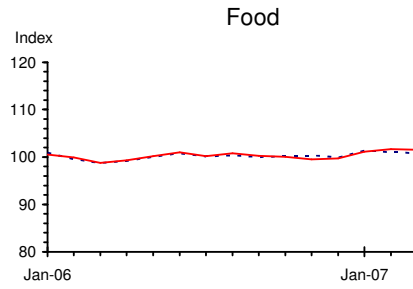
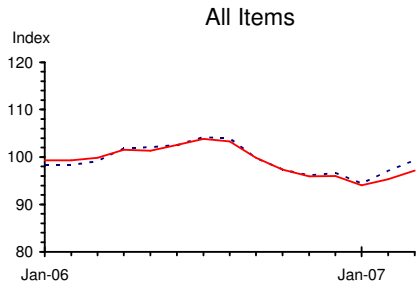


CHART 2 Domestic Supply Price Index
Comparison of 2006-based & 2000-based Price Indices
 (January 2006 - March 2007)



— 2006-based Index

- - - 2000-based Index

Table A1 Singapore Manufactured Products Price Index (2006=100)

Section	All Items	Non-oil Items	Food	Beverages & Tobacco	Crude Materials	Mineral Fuels	Animal & Vegetable Oils	Chemicals & Chemical Products	Manufactured Goods	Machinery & Transport Equipment	Misc. Manufactures
Weights	10,000	7,818	186	47	6	2,182	23	2,053	430	4,510	563
2006	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2006											
Jan	101.0	102.0	99.2	100.5	100.8	97.2	99.4	96.5	98.6	105.0	101.6
Feb	100.2	101.4	99.4	100.7	101.3	95.8	99.2	96.6	97.8	104.1	101.6
Mar	100.2	100.8	99.6	100.4	100.7	98.1	99.6	96.4	98.1	103.0	101.2
Apr	101.2	99.7	99.9	100.4	99.9	106.4	99.4	96.3	99.1	101.2	100.7
May	101.0	99.3	100.4	100.2	100.1	107.2	98.8	98.0	99.6	99.7	99.8
Jun	102.3	100.7	100.1	98.9	100.0	108.1	98.6	101.7	99.8	100.6	98.8
Jul	102.8	101.1	100.0	99.9	99.1	109.0	98.8	102.8	100.7	100.5	100.2
Aug	102.3	100.4	100.2	100.3	99.2	109.1	99.6	103.2	100.9	99.1	99.4
Sep	99.9	100.6	100.6	99.9	99.3	97.3	100.7	104.2	101.4	99.1	99.1
Oct	97.7	99.1	100.4	99.9	99.1	92.4	100.7	103.5	100.8	96.9	99.7
Nov	96.0	97.8	100.0	99.4	100.9	89.5	101.7	101.1	101.5	95.6	99.6
Dec	95.5	97.1	100.0	99.4	99.5	89.9	103.4	99.6	101.6	95.2	98.3
2007											
Jan	94.1	96.7	100.4	98.7	100.0	85.0	107.1	99.4	102.7	94.5	98.1
Feb	95.2	96.5	100.2	99.2	105.3	90.3	107.5	99.7	105.5	93.7	98.8
Mar	96.4	96.8	100.7	99.1	104.4	95.1	107.8	99.8	112.4	93.4	98.6

Table A2 Domestic Supply Price Index (2006 = 100)

Section	All Items	Non-oil Items	Food	Beverages & Tobacco	Crude Materials	Mineral Fuels	Animal & Vegetable Oils	Chemicals & Chemical Products	Manufactured Goods	Machinery & Transport Equipment	Misc. Manufactures
Weights	10,000	7,145	308	54	43	2,855	27	1,373	807	3,786	747
2006	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2006											
Jan	99.3	100.4	100.5	101.4	89.9	96.6	101.9	96.2	96.5	102.8	100.5
Feb	99.3	100.0	99.9	101.4	93.1	97.3	100.7	96.9	96.7	102.0	100.0
Mar	99.8	99.5	98.8	101.2	93.5	100.6	100.0	96.8	97.0	101.1	99.7
Apr	101.5	99.3	99.3	100.6	95.2	107.0	98.9	97.2	97.9	100.3	100.0
May	101.3	99.5	100.2	99.7	99.9	105.9	98.5	98.1	99.3	99.8	100.6
Jun	102.5	100.4	101.0	99.2	98.8	107.8	98.4	101.2	99.9	100.6	99.0
Jul	103.8	100.7	100.2	99.7	102.0	111.6	100.0	102.7	101.6	99.8	101.1
Aug	103.3	100.7	100.8	99.8	103.5	109.8	99.5	102.9	101.9	99.7	100.4
Sep	99.8	100.8	100.2	99.7	104.1	97.4	99.4	103.6	102.3	99.7	99.7
Oct	97.3	100.3	100.0	99.7	107.1	89.8	100.3	102.9	102.5	98.9	99.9
Nov	95.9	99.4	99.5	98.8	107.4	87.3	100.4	101.0	102.2	97.9	100.0
Dec	96.0	98.9	99.7	98.9	105.7	88.8	101.8	100.5	102.2	97.5	99.2
2007											
Jan	94.0	98.7	101.1	98.2	109.4	82.4	104.5	101.2	102.5	96.3	99.8
Feb	95.3	98.4	101.7	98.4	120.5	87.5	104.7	100.9	104.2	95.4	100.0
Mar	97.1	98.6	101.5	98.2	123.0	93.2	105.4	101.3	107.1	95.1	99.6

SINGAPORE DEPARTMENT OF STATISTICS INFORMATION DISSEMINATION SERVICES

Statistics Singapore Website

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

<http://www.singstat.gov.sg>

Providing key Singapore statistics :

- ◆ Latest Data / KeyStats
which provide key data on Singapore's economy and population.
- ◆ Media Releases
which cover the Performance of Singapore Economy, the Consumer Price Index, the Wholesale Trade Index, Business Receipts Index for Service Industries, Retail Sales and Catering Trade Indices, Manufacturing Performance, Singapore External Trade, Tourism Sector Performance, Real Estate Information and Employment Situation.
- ◆ Papers and Analyses
which provide papers on economic and social topics.

Providing information on statistical resources :

- ◆ Online Publication Catalogue
which lists the latest editions of publications released by the Singapore Department of Statistics at <http://www.singstat.gov.sg/pdtsvc/catalog.html>. More publications will progressively be made available for access without charge.
- ◆ Advance Release Calendar
which covers key Singapore economic indicators.

Providing a convenient gateway to international statistical websites :

- ◆ Guide to International Statistics
which covers international databases, classifications and links, and statistical terms and definitions.
- ◆ IMF Dissemination Standards Bulletin Board
which provides metadata about Singapore's key indicators in the real, fiscal, financial and external sectors, including dissemination practices and information about pre-release access of current indicators.

SingStat Express

SingStat Express is a personalised data delivery service which sends the latest press releases, notices of publication, newsletter, occasional and information papers to subscribers via email. SMS alert service is also available to local users. Subscription details are available from the Statistics Singapore Website (<http://www.singstat.gov.sg/express/express.html>).

SINGAPORE DEPARTMENT OF STATISTICS INFORMATION DISSEMINATION SERVICES (continued)

Key Singapore Data on Palm OS Devices

The pdf version of "Singapore in Brief 2007" for Palm OS devices is available for downloading from the Statistics Singapore Website.

SingStat Time Series (STS) Online System

The SingStat Time Series (STS) Online System is an internet-accessible time series retrieval system. The STS includes some 6,000 historical data series on Singapore society and economy from several domains, including national accounts, balance of payments, investments, finance, labour, prices, business expectations, trade, manufacturing, tourism, demography, health and education.

Besides the usual monthly, quarterly and annual data, STS includes also seasonally adjusted data series for key economic indicators providing for a better analysis and understanding of current economic trends. The STS also offers:

- Web-based search engine that is easy to use;
- "Bookmark" features that enable users to save and organise links in their personalised portals.

Subscription to STS is opened to local and overseas users. More information on STS are available via Statistics Singapore Website. For enquiries, please contact our Department at **Tel : 6332-7119**.

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 the Department.

Statistical Enquiries and Feedback

If you have any statistical enquiries or comment or suggestions on our statistical publications and electronic services, you are welcomed to :

- ◆ E-mail us at **info@singstat.gov.sg**
- ◆ Fax to us at **Tel: (65) 6332-7689**
- ◆ Call us at **Tel: 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.