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**ADOPTION OF SSIC 2005 IN THE NATIONAL ACCOUNTS :
NEW REPORTING FORMAT FOR OUTPUT-BASED GDP**

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ADOPTION OF SSIC 2005 IN THE NATIONAL ACCOUNTS : NEW REPORTING FORMAT FOR OUTPUT-BASED GDP

I INTRODUCTION

1 The Singapore Standard Industrial Classification (SSIC) provides the basic framework for the classification of economic activities. SSIC 2005 adopts the basic framework of the United Nations' International Standard Industrial Classification (ISIC), Revision 4, and replaces SSIC 2000 which was based on ISIC 3. Since its introduction in Mar 2005, SSIC 2005 has been used as the common framework in statistical surveys and administrative databases. The Singapore Department of Statistics (DOS) has recently adopted SSIC 2005 in the national accounts.

2 This information paper presents a new reporting format for the presentation of output-based GDP estimates and discusses the re-compilation of GDP estimates on the basis of SSIC 2005. The new reporting format replaces "Transport and Communications" with two 'new' industries, "Transport and Storage" and "Information and Communications". The new reporting format, which will be adopted with effect from the *Annual Economic Survey of Singapore (AES) 2006*, will show GDP by ten major industries, compared to nine in the present reporting format.

II INDUSTRIAL CLASSIFICATION AND SSIC 2005

3 An industrial classification is a systematic classification of productive economic activities undertaken by economic units. It provides a consistent framework to facilitate the collection, tabulation, presentation and analysis of data relating to these economic units. Such a classification provides for the classification of data by economic activity, in the fields of production, employment, wages, prices, productivity and other economic statistics.

4 The SSIC was developed in 1958 as a national industry classification system. It was adapted from the ISIC to reflect the prevailing range of economic activities in Singapore. Periodic reviews of industrial classifications are necessary to reflect the emergence of new products and industries, and changes in the organisation of economic activities. SSIC 2005 is the ninth revision of the SSIC and is based on the fourth revision of ISIC.

5 In comparison with SSIC 2000, which was based on ISIC 3, the number of broad sections has increased to 22 in SSIC 2005 from 18 in SSIC 2000 (Table 1).

TABLE 1 COMPARISON OF BROAD SECTIONS BY SSIC 2005 AND SSIC 2000

SSIC 2005		SSIC 2000	
A	Agriculture and Fishing	A	Agriculture and Forestry
B	Mining and Quarrying	B	Fishing
C	Manufacturing	C	Mining and Quarrying
D	Electricity and Gas Supply	D	Manufacturing
E	Water Supply, Sewerage and Waste Management	E	Electricity, Gas and Water Supply
F	Construction	F	Construction
G	Wholesale and Retail Trade	G	Wholesale and Retail Trade
H	Transport and Storage	H	Hotels and Restaurants
J	Hotels and Restaurants	I	Transport, Storage and Communications
K	Information and Communications	J	Financial Intermediation
L	Financial and Insurance Activities	K	Real Estate, Renting and Business Activities
M	Real Estate, Rental and Leasing Activities	L	Public Administration and Defence
N	Professional, Scientific and Technical Activities	M	Education
O	Administrative and Support Services Activities	N	Health and Social Work
P	Education	O	Other Community, Social and Personal Service Activities including Repair of Vehicles
Q	Health and Social Work	P	Domestic Work Activities
R	Arts, Entertainment and Recreation	Q	Extra-Territorial Organisations and Bodies
S	Other Service Activities	R	Activities not Adequately Defined
T	Public Administration and Defence		
U	Domestic Work Activities		
V	Extra-Territorial Organisations and Bodies		
W	Activities not Adequately Defined		

6 Each section is further broken down into one or more two-digit divisions as shown in Table 2 below.

TABLE 2 SSIC 2005 TWO-DIGIT DIVISIONS

Section		Division
A	Agriculture and Fishing	01-03
B	Mining and Quarrying	10-11
C	Manufacturing	15-36
D	Electricity and Gas Supply	40
E	Water Supply, Sewerage and Waste Management	41-43
F	Construction	45
G	Wholesale and Retail Trade	50-51
H	Transport and Storage	52-56
J	Hotels and Restaurants	58
K	Information and Communications	60-63
L	Financial and Insurance Activities	65-66
M	Real Estate, Rental and Leasing Activities	70-71
N	Professional, Scientific and Technical Activities	73-76
O	Administrative and Support Service Activities	78
P	Education	80
Q	Health and Social Work	85-86
R	Arts, Entertainment and Recreation	90
S	Other Services Activities	91-93
T	Public Administration and Defence	94
U	Domestic Work Activities	95
V	Extra-Territorial Organisations and Bodies	99
W	Activities not Adequately Defined	00

7 The 64 two-digit divisions are shown in the Annex. These divisions are further broken down into more detailed categories, comprising 164 three-digit groups and 331 four-digit classes. At the most detailed level, there are 1,089 five-digit items. In comparison, SSIC 2000 comprises 54 two-digit divisions, 152 three-digit groups, 323 four-digit classes and 1,072 five-digit items.

III NEW REPORTING FORMAT

8 In connection with the implementation of SSIC 2005 in the national accounts, DOS will introduce a new reporting format for the presentation of output-based GDP estimates in the quarterly and annual Economic Surveys of Singapore. As shown in Table 3, the new reporting format replaces “Transport and Communications” with two ‘new’ industries, “Transport and Storage” and “Information and Communications”.

TABLE 3 NEW AND EXISTING FORMATS FOR PRESENTING GDP BY INDUSTRY

New Format		Existing Format	
SSIC 2005	Sections	SSIC 2000	Sections
Goods Producing Industries		Goods Producing Industries	
Manufacturing	C	Manufacturing	D
Construction	F	Construction	F
Utilities	D–E	Utilities	E
Other Goods Industries	A–B	Other Goods Industries	A–C
Services Producing Industries		Services Producing Industries	
Wholesale & Retail Trade	G	Wholesale & Retail Trade	G
<i>Transport & Storage</i>	H	Hotels & Restaurants	H
Hotels & Restaurants	J	Transport & Communications	I
<i>Information & Communications</i>	K	Financial Services	J
Financial Services	L	Business Services	K
Business Services	M–O	Other Services	L–P
Other Services	P–U		
Ownership of Dwellings		Ownership of Dwellings	

IV RE-COMPILATION OF OUTPUT-BASED GDP

9 While the re-classification of existing economic activities to a different industry does not result in changes to overall GDP estimates, there will be changes in industry value-added estimates. In addition, the implementation of SSIC 2005 requires the development of new data sources to separately track and measure new emerging activities that were not separately identified previously. Some examples are sound recording production and distribution activities, web search portals and arbitration services. New estimates arising from the separate tracking of these activities result in only minor revisions to GDP estimates. The impact of the re-compilation on the value-added estimates of the major industries is discussed below.

Manufacturing

10 SSIC 2005 re-classifies recycling activities from the manufacturing industry to the utilities industry. As the share of recycling activities in manufacturing is relatively small, the impact on annual manufacturing value-added estimates is insignificant (Table 4).

TABLE 4 COMPARISON OF PERCENTAGE CHANGE IN VALUE-ADDED ESTIMATES FOR THE MANUFACTURING INDUSTRY

	SSIC 2005		SSIC 2000		Per Cent	
	Nominal		Real		SSIC 2005	SSIC 2000
	2001	-14.6	-14.6	-11.6	-11.6	-11.6
2002	8.7	8.7	8.4	8.4	8.4	8.4
2003	1.2	1.2	3.0	3.0	3.0	3.0
2004	23.6	23.6	13.8	13.9	13.8	13.9
2005	9.0	9.0	9.3	9.3	9.3	9.3

Utilities

11 Sewage, refuse disposal, sanitation and recycling services are transferred to the utilities industry. With this re-classification, all environment-related activities are now grouped collectively in one industry. The shares of these services in utilities are relatively large, and the re-classification has resulted in some differences in the value-added estimates of the utilities industry (Table 5).

TABLE 5 COMPARISON OF PERCENTAGE CHANGE IN VALUE-ADDED ESTIMATES FOR THE UTILITIES INDUSTRY

	SSIC 2005		SSIC 2000		Per Cent	
	Nominal		Real		SSIC 2005	SSIC 2000
	2001	29.6	29.4	6.1	3.6	6.1
2002	-8.5	-11.4	5.3	4.5	5.3	4.5
2003	-0.1	-2.5	4.1	2.5	4.1	2.5
2004	3.9	5.6	2.8	3.3	2.8	3.3
2005	-3.6	-3.2	2.2	3.5	2.2	3.5

Transport and Storage

12 Under SSIC 2005, the transport and storage industry comprises land, water and air transport services, warehousing and support activities for transport, and postal services. As shown in Table 6, the industry declined in 2001, as lower trading activity affected the water and air transport segments adversely. Growth was robust in 2004, with trade performance picking up and the economy recovering from the impact of SARS in 2003.

TABLE 6 PERCENTAGE CHANGE IN VALUE-ADDED ESTIMATES
FOR THE TRANSPORT AND STORAGE INDUSTRY (SSIC 2005)

	Per Cent	
	Nominal	Real
2001	-8.9	-0.7
2002	-1.8	4.9
2003	9.0	-1.6
2004	17.8	8.9
2005	6.8	4.3

Information and Communications

13 The newly identified information and communications (infocomm) industry includes publishing, motion picture, sound recording, broadcasting, telecommunications and IT services. These activities were previously classified in the transport and communications, business services and other services industries. The infocomm industry expanded steadily from 2001 to 2005 (Table 7). Growth in 2001 was robust, held up by an increase in mobile, internet and international call usage, in line with the liberalisation of the telecommunications market. Growth subsequently stabilised from 2002 onwards.

TABLE 7 PERCENTAGE CHANGE IN VALUE-ADDED ESTIMATES
FOR THE INFOCOMM INDUSTRY (SSIC 2005)

	Per Cent	
	Nominal	Real
2001	15.0	13.2
2002	6.0	7.5
2003	1.5	2.4
2004	0.9	5.5
2005	5.7	6.0

Business Services

14 SSIC 2005 re-classifies tour operators and ticketing agencies from the transport and communications industry to the business services industry. On the other hand, IT services and publishing activities are re-classified to the infocomm industry, while the maintenance of office, accounting and computing machinery is transferred to the other services industry. These re-classifications have resulted in significant changes to the value-added estimates of the business services industry (Table 8).

TABLE 8 COMPARISON OF PERCENTAGE CHANGE IN VALUE-ADDED ESTIMATES FOR THE BUSINESS SERVICES INDUSTRY

	SSIC 2005		SSIC 2000		Per Cent	
	Nominal		Real			
	SSIC 2005	SSIC 2000	SSIC 2005	SSIC 2000		
2001	-1.0	0.1	-0.6	-0.2		
2002	0.7	0.8	4.2	3.9		
2003	-2.2	-2.3	-0.9	-1.0		
2004	3.6	4.1	3.1	2.8		
2005	10.2	9.2	4.7	4.9		

Other Services

15 As noted above, the maintenance of office, accounting and computing machinery is re-classified from the business services industry to the other services industry. Sewage and refuse disposal services are re-classified from the other services industry to the utilities industry, while motion picture, radio, television, sound recording and broadcasting activities, news agencies, libraries and archives are re-classified from the other services industry to the infocomm industry. These re-classifications have resulted in significant changes to the value-added estimates of the other services industry (Table 9).

TABLE 9 COMPARISON OF PERCENTAGE CHANGE IN VALUE-ADDED ESTIMATES FOR THE OTHER SERVICES INDUSTRY

	SSIC 2005		SSIC 2000		Per Cent	
	Nominal		Real			
	SSIC 2005	SSIC 2000	SSIC 2005	SSIC 2000		
2001	10.2	9.7	7.3	7.4		
2002	6.6	6.9	5.3	5.4		
2003	1.0	1.7	1.7	2.4		
2004	4.8	5.6	4.0	4.0		
2005	1.9	1.2	2.7	2.7		

16 The implementation of SSIC 2005 does not have a significant impact on the value-added estimates for the wholesale and retail trade, hotels and restaurants and financial services industries.

Nominal Value-Added and Share of GDP by Industry

17 The nominal value-added of the major industries by the new reporting format and their share of GDP in 2005 are shown in Table 10. Goods producing industries account for 32.8 per cent of GDP, slightly higher than 32.6 per cent by the existing format. Services producing industries account for 63.6 per cent, slightly lower than 63.8 per cent by the existing format.

TABLE 10 VALUE-ADDED AT CURRENT PRICES, 2005

New Format			Existing Format	
	Million Dollars	Percent Share of Gross Value-Added		Percent Share of Gross Value-Added
Total	194,359.8	100.0	Total	100.0
Goods Producing Industries	62,556.3	32.8	Goods Producing Industries	32.6
Manufacturing	52,068.2	27.3	Manufacturing	27.3
Construction	7,044.3	3.7	Construction	3.7
Utilities	3,279.9	1.7	Utilities	1.5
Other Goods Industries	163.9	0.1	Other Goods Industries	0.1
Services Producing Industries	121,551.9	63.6	Services Producing Industries	63.8
Wholesale & Retail Trade	28,838.1	15.1	Wholesale & Retail Trade	15.1
Transport & Storage	18,537.1	9.7	Hotels & Restaurants	1.9
Hotels & Restaurants	3,638.3	1.9	Transport & Communications	12.1
Information & Communications	7,485.0	3.9	Financial Services	10.9
Financial Services	20,906.9	10.9	Business Services	12.9
Business Services	22,108.9	11.6	Other Services	10.9
Other Services	20,037.6	10.5		
Ownership of Dwellings	6,890.4	3.6	Ownership of Dwellings	3.6

18 Manufacturing's contribution to GDP remains the highest at 27.3 per cent, followed by wholesale and retail trade (15.1 per cent), business services (11.6 per cent) and financial services (10.9 per cent). The infocomm industry accounts for 3.9 per cent of GDP, which is higher than the share in GDP of the hotels and restaurants (1.9 per cent) and utilities industries (1.7 per cent).

Growth in Real Value-Added by Industry (As at 3rd Quarter 2006)

19 Table 11 shows the quarterly growth rates by the new reporting format. The re-compilation of output-based GDP estimates has relatively little impact on overall GDP estimates. Cumulative growth for first to third quarter 2006 remains at 8.6 per cent.

TABLE 11 REAL GROWTH IN GDP (AT 2000 PRICES)

	1Q05	2Q05	3Q05	4Q05	1Q06	2Q06	3Q06
Total	3.4	5.7	7.6	8.7	10.7	8.2	7.2
Goods Producing Industries	2.6	4.8	10.7	11.9	16.4	10.8	9.3
Manufacturing	3.2	5.9	13.1	14.2	20.2	12.7	10.6
Construction	-1.1	-1.1	-1.4	-0.8	-0.8	0.4	2.3
Utilities	3.0	1.7	1.6	2.5	2.5	2.7	2.9
Other Goods Industries	4.1	-4.2	-8.4	0.5	2.8	16.0	15.4
Services Producing Industries	4.3	5.9	6.8	7.3	8.2	7.0	6.5
Wholesale & Retail Trade	8.7	10.2	10.7	12.1	15.1	10.1	10.6
Transport & Storage	4.2	4.1	4.0	4.8	5.3	4.1	4.0
Hotels & Restaurants	1.8	5.4	4.7	6.2	7.1	5.5	4.7
Information & Communications	6.4	5.0	5.8	6.6	5.4	3.9	3.7
Financial Services	2.2	7.9	8.5	7.4	8.7	9.4	8.4
Business Services	2.3	3.5	6.7	6.4	6.1	6.2	4.8
Other Services Industries	2.1	2.1	3.0	3.6	4.0	4.7	3.6
Ownership of Dwellings	3.4	2.7	2.5	2.5	2.5	2.5	2.5
Less: FISIM	2.9	2.1	1.7	-0.1	2.1	4.9	7.6
Add: Taxes on Products	-1.2	7.0	-0.1	3.3	7.2	8.5	7.1

V CONCLUSION

20 DOS has adopted SSIC 2005 in the national accounts, and will introduce a new reporting format for output-based GDP estimates with effect from the AES 2006. The new reporting format will introduce two ‘new’ industries “Transport and Storage” and “Information and Communications” in place of “Transport and Communications”. As such, output-based GDP estimates will be reported by ten major industries instead of nine in the present format. The re-compilation of output-based GDP estimates on the basis of SSIC 2005 has relatively little impact on overall GDP estimates.

21 The GDP series by SSIC 2005 as at 3Q06 can be purchased from DOS using the Singstat Online Data Request Form at <http://app.singstat.gov.sg/user/data.asp>. Subscribers to the Department’s Singstat Time Series (STS) may also download the series electronically. The GDP series will be subsequently updated and revised to incorporate more comprehensive and complete data; the preliminary GDP estimates for 2006 will be released in the AES 2006 in Feb 2007.

LIST OF TWO-DIGIT DIVISIONS IN SSIC 2005

SSIC 2005	Industry
Section A	Agriculture and Fishing
01	Agriculture and Related Service Activities
02	Forestry, Logging and Related Service Activities
03	Fishing, Operation of Fish Hatcheries and Fish Farms; Service Activities Incidental to Fishing
Section B	Mining and Quarrying
10	Extraction of Crude Petroleum and Natural Gas; Service Activities Incidental to Oil and Gas Extraction Excluding Surveying
11	Other Mining and Quarrying
Section C	Manufacturing
15	Manufacture of Food Products
16	Manufacture of Beverages
17	Manufacture of Tobacco Products
18	Manufacture of Textiles
19	Manufacture of Wearing Apparel; Dressing and Dyeing of Furs
20	Tanning and Dressing of Leather; Manufacture of Luggage, Handbags, Saddlery, Harness and Footwear
21	Manufacture of Wood and of Products of Wood and Cork, except Furniture; Manufacture of Articles of Straw and Plaiting Materials
22	Manufacture of Paper and Paper Products
23	Printing and Reproduction of Recorded Media
24	Manufacture of Coke and Refined Petroleum Products
25	Manufacture of Chemicals and Chemical Products
26	Manufacture of Pharmaceutical and Biological Products
27	Manufacture of Rubber and Plastic Products
28	Manufacture of Non-Metallic Mineral Products except Products of Petroleum and Coals
29	Manufacture of Basic Metals
30	Manufacture of Fabricated Metal Products except Machinery and Equipment
31	Manufacture of Machinery and Equipment
32	Manufacture of Electrical Machinery and Apparatus
33	Manufacture of Electronic Products and Components
34	Manufacture of Medical, Precision and Optical Instruments, Watches and Clocks
35	Manufacture of Transport Equipment
36	Manufacture of Furniture; Manufacturing Nec
Section D	Electricity and Gas Supply
40	Electricity and Gas Supply

SSIC 2005	Industry
Section E	Water Supply, Sewerage and Waste Management
41	Collection, Purification and Distribution of Water
42	Sewage and Refusal Disposal, Sanitation and Similar Activities
43	Recycling
Section F	Construction
45	Construction
Section G	Wholesale and Retail Trade
50	Wholesale Trade and Commission Trade
51	Retail Trade
Section H	Transport and Storage
52	Land Transport; Transport Via Pipelines
53	Water Transport
54	Air Transport
55	Warehousing and Support Activities for Transport
56	Post and Courier Activities
Section J	Hotels and Restaurants
58	Hotels and Restaurants
Section K	Information and Communications
60	Publishing Activities
61	Motion Picture, Radio, Television, Sound Recording and Broadcasting Activities
62	Telecommunications
63	IT and Other Information Service Activities
Section L	Financial and Insurance Activities
65	Financial Intermediation except Insurance and Pension Funding
66	Insurance and Pension Funding
Section M	Real Estate, Rental and Leasing Activities
70	Real Estate Activities
71	Rental and Leasing
Section N	Professional, Scientific and Technical Activities
73	Legal, Accounting, Management and Management Consultancy Activities
74	Architectural and Engineering Activities; Technical Testing and Analysis
75	Research and Development
76	Other Professional, Scientific and Technical Activities
Section O	Administrative and Support Service Activities
78	Administrative and Support Service Activities
Section P	Education
80	Education

SSIC 2005	Industry
Section Q	Health and Social Work
85	Health Activities
86	Social and Community Activities
Section R	Art, Entertainment and Recreation
90	Arts, Entertainment and Recreation
Section S	Other Service Activities
91	Activities of Membership Organisations
92	Repair and Maintenance of Vehicles, Office Equipments, Personal and Household Goods
93	Other Service Activities
Section T	Public Administration and Defence
94	Administration of the State and the Economic and Social Policy of the Community
Section U	Domestic Work Activities
95	Domestic Work Activities
Section V	Extra-Territorial Organisations and Bodies
99	Extra-Territorial Organisations and Bodies
Section W	Activities Not Adequately Defined
00	Activities Not Adequately Defined

STATISTICAL APPENDIX

TABLE A1 GROSS DOMESTIC PRODUCT AT CURRENT PRICES BY INDUSTRY

	2000	2001	2002	2003	2004	2005	1Q05	2Q05	3Q05	4Q05	1Q06	2Q06	3Q06
	\$ Million												
GDP AT CURRENT MARKET PRICES	159,840.4	153,392.7	158,410.3	161,546.6	181,703.6	194,359.8	45,813.0	46,709.1	49,013.3	52,824.4	50,294.6	49,856.3	52,969.3
Goods Producing Industries	53,092.7	47,518.4	49,086.1	48,963.3	58,138.8	62,556.3	13,882.7	14,789.0	16,511.6	17,373.0	16,084.4	16,186.4	18,205.4
Manufacturing	41,145.1	35,123.5	38,163.0	38,617.0	47,748.4	52,068.2	11,198.7	12,280.5	13,906.7	14,682.3	13,291.1	13,600.0	15,508.1
Construction	9,019.1	8,658.6	7,499.4	6,930.7	6,819.0	7,044.3	1,850.5	1,660.4	1,731.9	1,801.5	1,863.3	1,696.6	1,796.5
Utilities	2,766.7	3,585.1	3,280.0	3,276.7	3,404.1	3,279.9	789.8	809.2	833.8	847.1	885.7	846.6	857.9
Other Goods Industries ¹	161.8	151.2	143.7	138.9	167.3	163.9	43.7	38.9	39.2	42.1	44.3	43.2	42.9
Services Producing Industries	97,628.9	99,068.4	102,755.3	103,762.1	113,021.7	121,551.9	29,122.9	29,406.1	30,144.6	32,878.3	31,571.3	31,327.7	32,598.8
Wholesale & Retail Trade	20,519.6	19,559.5	21,904.7	22,856.3	26,242.2	28,838.1	6,577.4	7,066.2	7,405.5	7,789.0	7,513.3	7,735.9	8,189.2
Transport & Storage	15,121.8	13,772.4	13,519.8	14,741.7	17,358.9	18,537.1	4,562.7	4,395.4	4,608.4	4,970.6	4,827.8	4,548.9	4,689.7
Hotels & Restaurants	3,413.8	3,442.6	3,326.5	2,983.1	3,387.5	3,638.3	846.4	895.2	910.1	986.6	949.8	992.4	1,025.8
Information & Communications	5,675.3	6,529.3	6,920.6	7,023.3	7,083.0	7,485.0	1,802.4	1,832.6	1,888.2	1,961.8	1,912.5	1,962.0	2,022.5
Financial Services	17,220.5	18,674.7	18,697.2	18,025.0	19,219.7	20,906.9	4,843.3	5,292.8	4,903.1	5,867.7	5,052.9	5,321.5	5,386.5
Business Services	19,863.9	19,662.7	19,806.7	19,368.5	20,067.2	22,108.9	5,292.9	5,412.0	5,569.6	5,834.4	5,881.3	6,006.1	6,152.0
Other Services	15,814.0	17,427.2	18,579.8	18,764.2	19,663.2	20,037.6	5,197.8	4,511.9	4,859.7	5,468.2	5,433.7	4,760.9	5,133.1
Ownership of Dwellings	6,731.0	7,037.6	6,962.3	6,788.5	6,739.5	6,890.4	1,701.6	1,709.5	1,729.8	1,749.5	1,765.6	1,774.0	1,795.6
Less : FISIM ²	8,843.0	10,183.0	9,606.2	8,057.3	7,272.6	7,673.5	1,836.5	1,833.8	1,946.0	2,057.2	2,018.2	2,231.4	2,297.3
Gross Value Added At Basic Prices	148,609.6	143,441.4	149,197.5	151,456.6	170,627.4	183,325.1	42,870.7	44,070.8	46,440.0	49,943.6	47,403.1	47,056.7	50,302.5
Add : Taxes on Products	11,230.8	9,951.3	9,212.8	10,090.0	11,076.2	11,034.7	2,942.3	2,638.3	2,573.3	2,880.8	2,891.5	2,799.6	2,666.8
	Percentage Change Over Corresponding Period of Previous Year												
GDP AT CURRENT MARKET PRICES		-4.0	3.3	2.0	12.5	7.0	3.7	7.2	8.4	8.4	9.8	6.7	8.1
Goods Producing Industries		-10.5	3.3	-0.3	18.7	7.6	4.0	5.8	10.6	9.4	15.9	9.4	10.3
Manufacturing		-14.6	8.7	1.2	23.6	9.0	4.6	6.8	12.7	11.2	18.7	10.7	11.5
Construction		-4.0	-13.4	-7.6	-1.6	3.3	6.2	4.1	1.7	1.2	0.7	2.2	3.7
Utilities		29.6	-8.5	-0.1	3.9	-3.6	-8.3	-4.5	-1.1	-0.6	12.1	4.6	2.9
Other Goods Industries ¹		-6.6	-5.0	-3.3	20.4	-2.0	5.6	3.2	-12.5	-3.0	1.4	11.1	9.4
Services Producing Industries		1.5	3.7	1.0	8.9	7.5	3.9	8.0	8.8	9.3	8.4	6.5	8.1
Wholesale & Retail Trade		-4.7	12.0	4.3	14.8	9.9	8.3	10.1	9.8	11.2	14.2	9.5	10.6
Transport & Storage		-8.9	-1.8	9.0	17.8	6.8	9.1	4.7	6.0	7.3	5.8	3.5	1.8
Hotels & Restaurants		0.8	-3.4	-10.3	13.6	7.4	2.0	9.0	8.3	10.1	12.2	10.9	12.7
Information & Communications		15.0	6.0	1.5	0.9	5.7	7.7	2.9	5.6	6.6	6.1	7.1	7.1
Financial Services		8.4	0.1	-3.6	6.6	8.8	-4.7	14.5	15.1	11.7	4.3	0.5	9.9
Business Services		-1.0	0.7	-2.2	3.6	10.2	8.1	8.8	11.7	12.0	11.1	11.0	10.5
Other Services		10.2	6.6	1.0	4.8	1.9	-1.7	2.3	2.7	4.5	4.5	5.5	5.6
Ownership of Dwellings		4.6	-1.1	-2.5	-0.7	2.2	1.6	1.7	2.4	3.3	3.8	3.8	3.8
Less : FISIM ²		15.2	-5.7	-16.1	-9.7	5.5	1.7	0.9	10.5	9.0	9.9	21.7	18.1
Gross Value Added At Basic Prices		-3.5	4.0	1.5	12.7	7.4	4.0	7.3	9.1	9.1	10.6	6.8	8.3
Add : Taxes on Products		-11.4	-7.4	9.5	9.8	-0.4	-0.1	5.2	-3.7	-2.4	-1.7	6.1	3.6

1 Comprise Agriculture, Fishing and Quarrying

2 Refers to Financial Intermediation Services Indirectly Measured

TABLE A2 GROSS DOMESTIC PRODUCT AT 2000 PRICES BY INDUSTRY

	2000	2001	2002	2003	2004	2005	1Q05	2Q05	3Q05	4Q05	1Q06	2Q06	3Q06
	\$ Million												
GDP AT 2000 MARKET PRICES	159,840.4	156,197.4	162,502.4	167,270.0	181,881.5	193,503.0	45,598.4	47,394.5	49,159.2	51,350.9	50,465.8	51,279.7	52,692.2
Goods Producing Industries	53,092.7	48,444.0	50,386.4	50,984.4	56,286.6	60,583.4	13,631.6	14,579.8	15,549.8	16,822.2	15,869.2	16,157.8	16,994.3
Manufacturing	41,145.1	36,368.4	39,424.0	40,590.5	46,208.4	50,509.7	11,054.7	12,131.5	13,047.2	14,276.3	13,285.0	13,674.3	14,424.7
Construction	9,019.1	8,986.1	7,731.8	7,035.9	6,609.8	6,536.2	1,726.5	1,544.6	1,605.8	1,659.3	1,712.3	1,550.8	1,642.1
Utilities	2,766.7	2,934.5	3,088.7	3,216.3	3,305.5	3,377.8	807.5	866.9	858.5	844.9	827.8	890.0	883.3
Other Goods Industries ¹	161.8	155.0	141.9	141.7	162.9	159.7	42.9	36.8	38.3	41.7	44.1	42.7	44.2
Services Producing Industries	97,628.9	99,358.1	103,260.7	106,612.7	114,841.7	121,843.8	29,064.9	30,096.6	30,975.3	31,707.0	31,458.1	32,202.0	32,982.8
Wholesale & Retail Trade	20,519.6	20,006.2	21,648.4	23,952.9	27,692.0	30,596.6	7,026.1	7,452.7	7,816.4	8,301.4	8,087.5	8,203.5	8,647.5
Transport & Storage	15,121.8	15,019.6	15,751.1	15,496.5	16,877.2	17,595.8	4,175.7	4,378.5	4,500.1	4,541.5	4,396.9	4,557.1	4,678.2
Hotels & Restaurants	3,413.8	3,397.3	3,314.5	3,014.1	3,353.5	3,505.8	832.1	861.7	874.9	937.1	890.8	909.0	916.4
Information & Communications	5,675.3	6,423.7	6,905.0	7,068.5	7,459.9	7,904.7	1,939.4	1,963.6	1,992.5	2,009.2	2,043.7	2,039.6	2,066.3
Financial Services	17,220.5	17,808.9	17,206.2	18,509.7	19,510.8	20,779.4	4,916.0	5,224.6	5,251.7	5,387.1	5,344.6	5,714.5	5,692.2
Business Services	19,863.9	19,736.7	20,572.3	20,395.6	21,037.6	22,036.6	5,345.6	5,461.9	5,596.3	5,632.8	5,670.0	5,802.9	5,862.2
Other Services	15,814.0	16,965.7	17,863.2	18,175.4	18,910.7	19,424.9	4,830.0	4,753.6	4,943.4	4,897.9	5,024.6	4,975.4	5,120.0
Ownership of Dwellings	6,731.0	7,000.6	7,230.6	7,431.1	7,632.5	7,842.8	1,942.2	1,950.0	1,967.9	1,982.7	1,989.8	1,997.9	2,016.5
Less : FISIM ²	8,843.0	9,414.9	9,332.6	9,315.9	9,590.3	9,747.6	2,370.1	2,458.8	2,442.1	2,476.6	2,419.5	2,580.3	2,628.9
Gross Value Added At Basic Prices	148,609.6	145,387.8	151,545.1	155,712.3	169,170.5	180,522.4	42,268.6	44,167.6	46,050.9	48,035.3	46,897.6	47,777.4	49,364.7
Add : Taxes on Products	11,230.8	10,809.6	10,957.3	11,557.7	12,711.0	12,980.6	3,329.8	3,226.9	3,108.3	3,315.6	3,568.2	3,502.3	3,327.5
	Percentage Change Over Corresponding Period of Previous Year												
GDP AT 2000 MARKET PRICES		-2.3	4.0	2.9	8.7	6.4	3.4	5.7	7.6	8.7	10.7	8.2	7.2
Goods Producing Industries		-8.8	4.0	1.2	10.4	7.6	2.6	4.8	10.7	11.9	16.4	10.8	9.3
Manufacturing		-11.6	8.4	3.0	13.8	9.3	3.2	5.9	13.1	14.2	20.2	12.7	10.6
Construction		-0.4	-14.0	-9.0	-6.1	-1.1	-1.1	-1.1	-1.4	-0.8	-0.8	0.4	2.3
Utilities		6.1	5.3	4.1	2.8	2.2	3.0	1.7	1.6	2.5	2.5	2.7	2.9
Other Goods Industries ¹		-4.2	-8.5	-0.1	15.0	-2.0	4.1	-4.2	-8.4	0.5	2.8	16.0	15.4
Services Producing Industries		1.8	3.9	3.2	7.7	6.1	4.3	5.9	6.8	7.3	8.2	7.0	6.5
Wholesale & Retail Trade		-2.5	8.2	10.6	15.6	10.5	8.7	10.2	10.7	12.1	15.1	10.1	10.6
Transport & Storage		-0.7	4.9	-1.6	8.9	4.3	4.2	4.1	4.0	4.8	5.3	4.1	4.0
Hotels & Restaurants		-0.5	-2.4	-9.1	11.3	4.5	1.8	5.4	4.7	6.2	7.1	5.5	4.7
Information & Communications		13.2	7.5	2.4	5.5	6.0	6.4	5.0	5.8	6.6	5.4	3.9	3.7
Financial Services		3.4	-3.4	7.6	5.4	6.5	2.2	7.9	8.5	7.4	8.7	9.4	8.4
Business Services		-0.6	4.2	-0.9	3.1	4.7	2.3	3.5	6.7	6.4	6.1	6.2	4.8
Other Services		7.3	5.3	1.7	4.0	2.7	2.1	2.1	3.0	3.6	4.0	4.7	3.6
Ownership of Dwellings		4.0	3.3	2.8	2.7	2.8	3.4	2.7	2.5	2.5	2.5	2.5	2.5
Less : FISIM ²		6.5	-0.9	-0.2	2.9	1.6	2.9	2.1	1.7	-0.1	2.1	4.9	7.6
Gross Value Added At Basic Prices		-2.2	4.2	2.7	8.6	6.7	3.8	5.6	8.2	9.1	11.0	8.2	7.2
Add : Taxes on Products		-3.8	1.4	5.5	10.0	2.1	-1.2	7.0	-0.1	3.3	7.2	8.5	7.1

1 Comprise Agriculture, Fishing and Quarrying

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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 2006" 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.

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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.

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- ◆ 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.