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YEARBOOK OF STATISTICS SINGAPORE 1978/79

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PREFACE

The Yearbook of Statistics, Singapore, 1978/79 is the twelve edition. The Yearbook has been prepared with the aim of providing in a concise and readily accessible form the important statistical series available on the demographic, economic and social characteristics of Singapore. Some general information relating to the services provided by the public sector has also been included. The Yearbook serves as a useful and convenient statistical reference on Singapore.

Most of the series have been compiled from materials available in the Department of Statistics and from administrative and other records of various government departments and statutory authorities. The series have been under constant review in respect of their contents and presentation. New series which are of general interest are introduced in successive editions.

The data, graphs and charts as well as the brief explanatory notes on the scope and coverage of the respective series were prepared and edited mainly by the staff of the Publication Section of the Department of Statistics. The Department of Statistics gratefully acknowledges the co-operation and assistance of other government departments and statutory authorities in providing the data for publication in this Yearbook.

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NOTATIONS

- * preliminary
- nil or negligible
- .. not available

UNIT OF MEASUREMENT

Ton	=	long ton of 2,240 lb.
Tonne	=	metric ton = 2,204.6 lb.
kg	=	kilogram = 2.2046 lb.
km	=	kilometre = 0.6214 mile
mm	=	milimetre = 0.03937 in.
kl	=	kilolitre = 219.976 gal.
cu. m	=	cubic metre = 1.30795 cu. yd.

REPUBLIC OF THE PHILIPPINES STATISTICAL BUREAU

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ECONOMIC AND SOCIAL INDICATORS

Gross Domestic Product				Population		Employment				Year
Constant Price		Current Price		Total		Unemployed		Employed		
1981=100	1981=100	1981=100	1981=100	1981=100	1981=100	1981=100	1981=100	1981=100	1981=100	
1970	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1970
1971	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	1971
1972	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	1972
1973	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.8	1973
1974	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	1974
1975	106.4	106.4	106.4	106.4	106.4	106.4	106.4	106.4	106.4	1975
1976	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7	1976
1977	109.0	109.0	109.0	109.0	109.0	109.0	109.0	109.0	109.0	1977
1978	110.3	110.3	110.3	110.3	110.3	110.3	110.3	110.3	110.3	1978
1979	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	1979
1980	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	1980
1981	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	1981
1982	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5	1982

Source: Statistical Bureau of the Philippines

ECONOMIC INDICATORS

Year	National Income				Industrial Production ¹		External Trade				
	Gross National Product (GNP)	Per Capita Indigenous GNP	Gross Domestic Product	Gross Domestic Fixed Capital Formation	Output	Index of Production (1974=100)	Total	Imports	Exports		
									Total	Domestic Exports	Re-Exports
At Current Market Prices		At 1968 Market Prices									
\$ Million	\$	\$ Million				\$ Million					
1968	4,402.2	1,949	4,315.0	996.8	2,806.2	..	8,974.5	5,083.8	3,890.7	1,398.1	2,492.6
1969	5,104.6	2,189	4,906.1	1,285.9	4,290.8	..	10,984.3	6,243.6	4,740.7	1,675.5	3,065.2
1970	5,861.1	2,404	5,579.3	1,712.0	4,627.2	58.2	12,289.6	7,533.8	4,755.8	1,832.2	2,923.6
1971	6,813.3	2,761	6,276.7	2,101.8	5,288.8	69.3	14,035.3	8,664.0	5,371.3	2,373.4	2,997.9
1972	8,085.8	3,206	7,119.7	2,411.3	6,126.7	82.2	15,687.3	9,537.9	6,149.4	3,101.0	3,048.4
1973	9,836.6	3,849	7,941.3	2,614.5	8,705.6	96.0	21,419.6	12,512.8	8,906.8	4,412.2	4,494.6
1974	12,109.5	4,491	8,445.2	2,884.1	14,237.0	100.0	34,559.4	20,404.8	14,154.6	8,413.6	5,741.0
1975	13,216.2	4,798	8,790.3	2,766.3	13,197.4	99.1	32,028.3	19,270.4	12,757.9	7,540.4	5,217.5
1976	14,246.4	5,087	9,447.4	2,908.6	16,175.0	111.0	38,670.4	22,404.5	16,265.9	9,362.4	6,903.5
1977	15,726.1	5,525	10,210.2	2,945.8	18,293.5	121.2	45,612.2	25,521.9	20,090.3	11,651.8	8,438.5
1978	17,405.7*	5,982*	11,091.7*	3,235.3*	20,283.6*	135.3	52,586.8	29,601.3	22,985.5	13,226.2	9,759.3

1 Establishments engaging 10 or more workers.

GROWTH RATES IN ECONOMIC INDICATORS

Per Cent

Year	National Income				Industrial Production		External Trade				
	Gross National Product (GNP)	Per Capita Indigenous GNP	Gross Domestic Product	Gross Domestic Fixed Capital Formation	Output	Index of Production (1974=100)	Total	Imports	Exports		
									Total	Domestic Exports	Re-Exports
At Current Market Prices		At 1968 Market Prices									
1968	14.5	7.1	13.9	32.7	24.5	..	13.6	15.4	11.5	25.9	4.7
1969	16.0	12.3	13.7	29.0	52.9	..	22.4	22.8	21.8	19.8	23.0
1970	14.8	9.8	13.7	33.1	7.8	..	11.9	20.7	0.3	9.4	-4.6
1971	16.2	14.9	12.5	22.8	14.3	19.1	14.2	15.0	12.9	29.5	2.5
1972	18.7	16.1	13.4	14.7	15.8	18.6	11.8	10.1	14.5	30.7	1.7
1973	21.7	20.1	11.5	8.4	42.1	16.8	36.5	31.2	44.8	42.3	47.4
1974	23.1	16.7	6.3	10.3	63.5	4.2	61.3	63.1	58.9	90.7	27.7
1975	9.1	6.8	4.1	-4.1	-7.3	-0.9	-7.3	-5.6	-9.9	-10.4	-9.1
1976	7.8	6.0	7.5	5.1	22.6	12.0	20.7	16.3	27.5	24.2	32.3
1977	10.4	8.6	8.1	1.3	13.1	9.2	18.0	13.9	23.5	24.5	22.2
1978	10.7*	8.3*	8.6*	9.8*	10.9*	11.6	15.3	16.0	14.4	13.5	15.7

ECONOMIC INDICATORS (continued)

Year	Total Assets of ACU	Money Supply	Banks		Government Finance					Official Foreign Reserves
			Deposits of Non-Bank Customers	Advances ² to Non-Bank Customers	Revenue ³	Expendi- ture ³	Public Debt			
							Total	Domestic	External	
	US\$ Million	\$ Million								
1968	31	1,172.3	2,309.7	1,351.5	857.0	787.6	1,636.6	1,564.9	71.7	2,180.7
1969	123	1,341.7	2,745.4	1,727.1	1,364.4 ⁴	1,195.6 ⁴	1,753.4	1,650.3	103.1	2,530.5
1970	390	1,574.3	3,194.9	2,167.7	1,333.0	1,254.1	2,016.6	1,842.8	173.8	3,097.9
1971	1,063	1,759.9	3,745.8	2,615.0	1,680.6	1,519.2	2,734.0	2,487.1	246.9	4,094.8
1972	2,976	2,384.8	4,736.7	3,565.2	1,877.6	1,837.1	3,483.2	3,052.4	430.8	4,929.8
1973	6,277	2,632.7	5,799.8	5,146.5	2,426.6	2,376.5	3,757.6	3,285.3	472.3	5,800.1
1974	10,357	2,858.8	6,585.8	5,697.0	2,802.6	2,639.3	4,522.4	4,028.5	493.9	6,502.9
1975	12,597	3,472.2	7,606.0	6,503.1	3,398.6	3,256.7	5,698.1	5,155.4	542.7	7,486.0
1976	17,354	4,000.0	8,488.5	7,271.8	3,581.2	3,391.7	7,318.2	6,656.3	661.9	8,261.5
1977	21,018	4,412.1	8,969.5	7,830.8	4,083.5	3,830.9	9,132.9	8,142.7	990.2	9,022.9
1978	27,040	4,926.0	10,045.7	9,398.9	4,195.5*	4,103.4*	10,695.1	9,674.4	1,020.7	11,473.8

² Include bills financing.

³ Revenue and expenditure refer to the receipts and expenditure of the accounts of the Consolidated Revenue, Development Fund and Sinking Fund.

⁴ Refers to financial year 1st January 1969 to 31st March 1970. From 1970, figures refer to financial year 1st April to 31st March.

GROWTH RATES IN ECONOMIC INDICATORS (continued)

										Per Cent
Year	Total Assets of ACU	Money Supply	Banks		Government Finance					Official Foreign Reserves
			Deposits to Non-Bank Customers	Advances to Non-Bank Customers	Revenue	Expendi- ture	Public Debt			
							Total	Domestic	External	
1968	..	20.5	26.3	22.2	20.7	7.9	59.8	59.7	61.1	43.7
1969	296.8	14.5	18.9	27.8	59.2	51.8	7.1	5.5	43.8	16.0
1970	217.1	17.3	16.4	25.5	-2.3	4.9	15.0	11.7	68.6	22.4
1971	172.6	11.8	17.2	20.6	26.1	21.1	35.6	35.0	42.1	32.2
1972	180.0	35.5	26.5	36.3	11.7	20.9	27.4	22.7	74.5	20.4
1973	110.9	10.4	22.4	44.4	29.2	29.4	7.9	7.6	9.6	17.7
1974	65.0	8.6	13.6	10.7	15.5	11.1	20.4	22.6	4.6	12.1
1975	21.6	21.5	15.5	14.1	21.3	23.4	26.0	28.0	9.9	15.1
1976	37.8	15.2	11.6	11.8	5.4	4.2	28.4	29.1	22.0	10.4
1977	21.1	10.3	5.7	7.7	14.0	13.0	24.8	22.3	49.6	9.2
1978	28.7	11.6	12.0	20.0	2.7*	7.1*	17.1	18.8	3.1	27.2

ECONOMIC INDICATORS (continued)

Year	Seaborne Cargo Handled			Balance of Payments		Tourism		Measure of Inflation		
	Total	Loaded	Discharged	Current Account Balance	Overall Balance	Tourist Arrivals by Air and Sea ⁵	Hotel Occupancy Rate	Consumer Price Index (June 1977-May 1978 = 100)	General Wholesale Price Index (1974=100)	Gross Domestic Product Deflator
	Thousand Freight Tonnes			\$ Million		Thousand	%	All items		
1968	36,792.8	14,441.0	22,351.8	-408.2	663.5	251.1	80.2	61.5	..	100.0
1969	39,145.8	15,854.4	23,291.4	-585.3	292.4	408.7	73.5	61.3	..	102.3
1970	43,534.0	16,255.8	27,278.2	-1,750.8	564.8	521.7	70.7	61.5	..	104.0
1971	49,622.3	19,867.5	29,754.8	-2,205.4	974.8	632.1	65.4	62.7	..	108.7
1972	57,064.2	21,412.4	35,651.8	-1,438.3	945.0	783.0	60.6	64.0	..	114.6
1973	61,268.9	22,702.0	38,566.9	-1,404.9	1,005.2	984.7	67.1	76.5	..	128.5
1974	60,452.5	22,738.9	37,713.6	-2,699.5	718.4	1,087.4	69.6	93.6	100.0	148.5
1975	52,099.2	19,067.2	33,032.0	-1,432.8	966.4	1,169.3	74.7	96.0	98.5	152.1
1976	57,973.0	20,273.4	37,699.6	-1,744.9	737.4	1,320.6	78.4	94.2	105.1	154.3
1977	64,118.6	24,284.8	39,833.8	-1,150.9	763.3	1,506.7	83.3	97.2	109.9	156.5
1978	73,339.2	28,506.7	44,832.5	-1,690.1	1,447.4	1,831.7	86.5	101.9	111.6	158.3*

⁵ Figures prior to 1978 excludes Malaysian visitors embarking direct from Peninsular Malaysia.

GROWTH RATES IN ECONOMIC INDICATORS (continued)

Per Cent

Year	Seaborne Cargo Handled			Balance of Payments		Tourism		Measure of Inflation		
	Total	Loaded	Discharged	Current Account Balance	Overall Balance	Tourist Arrivals by Air and Sea ⁶	Hotel Occupancy Rate	Consumer Price Index (June 1977-May 1978 = 100) All items	General Wholesale Price Index (1974=100)	Gross Domestic Product Deflator
1968	17.3	16.8	17.7	-94.9	118.1	22.6	-13.6	0.7	..	1.1
1969	6.4	9.8	4.2	-43.4	-55.9	62.7	-8.4	-0.3	..	2.3
1970	11.2	2.5	17.1	-199.1	93.2	27.6	-3.8	0.4	..	1.7
1971	14.0	22.2	9.1	-26.0	72.6	21.2	-7.5	1.9	..	4.5
1972	15.0	7.8	19.8	34.8	-3.1	23.9	-7.3	2.1	..	5.4
1973	7.4	6.0	8.2	2.3	6.4	25.8	10.7	19.6	..	12.1
1974	-1.3	0.2	-2.2	-92.1	-28.5	10.4	3.7	22.3	..	15.6
1975	-13.8	-16.1	-12.4	46.9	34.5	7.5	7.3	2.6	-1.5	2.4
1976	11.3	6.3	14.1	-21.8	-23.7	12.9	5.0	-1.9	6.7	1.4
1977	10.6	19.8	5.7	34.0	3.5	14.1	6.3	3.2	4.6	1.4
1978	14.4	17.4	12.5	-46.9	89.6	10.3	3.8	4.8	1.5	1.2*

⁶ To maintain comparability, the growth rate for 1978 was computed by excluding Malaysian visitors embarking direct from Peninsular Malaysia.

SOCIAL INDICATORS

Year	Population					Vital Statistics				
	Mid-Year Estimates	Rate of Growth	Population Density	Dependency Ratio ¹	Index of Ageing ²	Crude Birth Rate	Crude Death Rate	Infant Mortality Rate	Total Fertility Rate	Gross Reproduction Rate
	'000	Per cent	Persons per square kilometre	Per cent		Per 1,000 Population		Per 1,000 Live-Births	Per 1,000 Female Population	
1968	2,012.0	1.6	3,443	81.3	6.8	23.5	5.5	23.4	3,562	1,736
1969	2,042.5	1.5	3,490	78.1	7.2	21.8	5.0	20.9	3,246	1,568
1970	2,074.5	1.7	3,538	72.8	8.6	22.1	5.2	20.5	3,086	1,500
1971	2,110.4	1.7	3,599	69.9	9.2	22.3	5.4	20.1	3,045	1,473
1972	2,147.4	1.8	3,662	66.9	9.7	23.1	5.4	19.2	3,052	1,475
1973	2,185.1	1.7	3,726	64.3	10.3	22.1	5.5	20.3	2,811	1,357
1974	2,219.1	1.4	3,777	61.5	11.1	19.5	5.3	16.8	2,379	1,143
1975	2,249.9	1.3	3,770	58.6	12.0	17.8	5.1	13.9	2,104	1,017
1976	2,278.2	1.4	3,784	56.1	13.0	18.8	5.1	11.6	2,149	1,034
1977	2,308.2	1.2	3,745	53.8	14.0	16.6	5.2	12.4	1,858	896
1978	2,334.4	1.2	3,788	51.7	15.1	16.9	5.2	12.6	1,840	890

1 Persons under 15 years and 65 and over divided by persons aged 15-64 years.

2 Persons aged 65 and over divided by persons under 15 years.

SOCIAL INDICATORS (continued)

Year	Employment		Education						Health		
	Labour Force (15-64 Years)	Per cent of CFF Con- tributors to Labour Force	Pupils Per Teacher		Universi- ties and Colleges Graduates	Student Enrolment Ratio		Literacy Rate ⁵	Persons Per		
			Primary	Secondary		Primary ³	Secondary ⁴				
	'000	Per cent	Number		Per cent			Doctor	Dentist	Government Hospital Bed	
1968	626	-	30	23	4,018	81.3	46.7	-	1,736	5,604	287
1969	654	-	30	22	3,644	75.7	44.3	-	1,536	5,224	293
1970	705	52.8	30	22	4,039	81.4	43.4	72.2	1,522	5,212	301
1971	726	57.3	30	23	4,230	83.4	44.9	72.7	1,388	5,198	287
1972	761	69.7	33	25	4,261	84.8	46.2	73.4	1,454	5,263	269
1973	818	74.5	29	25	4,119	85.9	49.0	74.2	1,396	5,343	272
1974	836	74.5	29	25	4,547	86.7	49.1	74.9	1,399	5,259	282
1975	852	76.0	29	25	5,189	87.6	50.4	75.6	1,387	5,461	281
1976	885	76.6	28	23	4,629	86.7	51.1	76.2	1,336	5,370	265
1977	919	77.7	28	23	5,732	85.4	51.9	76.9	1,250	4,975	269
1978	975	79.9	27	23	6,029	84.4	53.3	77.4	1,262	4,904	275

3 Primary students aged 5-11 divided by population of the same age group.

4 Secondary students aged 12-17 divided by population of the same age group.

5 Refers to population 10 years and over.

SOCIAL INDICATORS (continued)

Year	Culture and Recreation				Communication			
	Daily Newspapers Circulation	Per cent of National Library Members to Total Population		Annual Cinema Attendances	Radio and Television Licences	Telephones	Persons Per	
	Per 1,000 Population	Under 15 Years	15 Years and Over	Per Person	Per 1,000 Population		Public Bus	Private Car
1968	148	12.1	3.7	14	56	59	675	17
1969	178	12.9	4.1	14	64	67	637	16
1970	200	14.6	4.7	13	76	78	607	15
1971	200	16.2	5.3	15	85	90	533	14
1972	182	17.7	5.8	17	95	102	495	13
1973	202	18.5	6.6	15	106	114	458	12
1974	190	21.5	7.7	18	114	126	464	16
1975	200	22.5	8.6	18	125	141	456	16
1976	209	23.9	9.5	17	136	164	437	17
1977	217	25.2	10.2	19	143	197	424	17
1978	229	25.9	9.5	19	151	231	397	17

SOCIAL INDICATORS (continued)

Year	Public Housing				Fires		Offences
	HDB Flats		Per cent of Population Living in Public Housing		Number	Value of Property Damaged	Against Person and Property
	Total Number	Per cent Owner-occupied	HDB Flats	Owner-occupied HDB Flats		\$ Million	Per 10,000 Population
1968	94,229	15.2	29.0	4.4	2,103	2.5	71.6
1969	108,823	22.2	32.0	7.1	1,395	1.5	66.9
1970	118,544	26.3	34.6	9.1	1,759	4.0	68.9
1971	126,710	29.4	37.4	11.0	1,984	6.2	79.5
1972	138,027	32.6	41.6	13.6	2,466	30.6	68.1
1973	161,312	36.4	42.7	16.2	1,987	7.9	71.5
1974	185,581	39.7	45.6	18.5	2,110	29.7	74.4
1975	211,079	42.8	50.0	21.4	2,384	15.1	67.1
1976	236,966	46.7	55.0	25.7	4,165	19.3	63.7
1977	274,048	53.0	59.0	31.3	3,804	18.9	71.1
1978	305,540	55.0	64.0	35.2	4,174	27.2	71.9

1. CLIMATE AND LAND UTILIZATION

The Republic of Singapore is situated in the centre of the Malayan Archipelago. This location at the focal point of the trade routes of the region has contributed greatly to the development of Singapore as an entrepot trade and commercial centre of South East Asia. Recently with the emphasis of industrialization and the advent of modern technology, it also takes on the function of providing services to the region in respect of finance, transport and communication.

The land area of Singapore is approximately 616 square kilometres, comprising the main island which measures about 42 kilometres from east to west and 23 kilometres from north to south and a number of islets scattered off the north-east and south of the main island.

Singapore can be geographically divided into three major regions:

- (i) The Western Hill and Vale Region comprising Mount Faber Ridge and Pasir Panjang Ridge with Kranji River flowing into the Johore Straits and Jurong River into the Singapore Straits.
- (ii) The Central Hilly Region with heavy deposits of granite in Bukit Timah, Bukit

Panjang, Bukit Mandai and Bukit Batok.

- (iii) The Eastern Coastal Region consisting of fertile alluvium and sediments stretches from Katong to the Bedok and Changi areas.

Climate

The average maximum temperature is around 30°C and the minimum 23°C. The average humidity is around 70 per cent and the general pattern all the year round is that of relatively hot days followed by cool nights. The island generally has rainfall throughout the year but is particularly wet during the Northeast Monsoon season from November to January.

Land Utilization

Of the total land area, about 43 per cent has been developed for residential, commercial and industrial usage and another 16 per cent used for agriculture. The balance which accounted for 41 per cent of the total land area consists of cultivable waste, forest reserves, marsh and other non-built up areas.

1.1 TEMPERATURE AND RAINFALL

Year	Mean Temperature (°C)		Mean Relative Humidity at 1.30 pm (%)	Rainfall			Bright Sunshine Daily Mean Hours
	Maximum	Minimum		Total (mm)	Maximum in a day (mm)	Number of rainy days	
1968	30.7	23.5	70	2,077	125	176	5.64
1969	30.8	23.8	74	2,289	315	185	5.54
1970	30.7	23.6	74	2,277	84	192	5.36
1971	30.6	23.2	72	1,608	87	170	5.22
1972	30.8	23.5	71	1,809	76	157	5.86
1973	30.5	23.5	75	2,956	128	218	4.81
1974	30.3	23.1	72	2,066	69	175	5.44
1975	30.4	23.3	74	1,928	71	195	5.27
1976	30.7	23.3	70	2,168	84	161	6.04
1977	30.9	23.7	71	1,776	94	141	5.73
1978	31.0	23.8	72	2,766	512	171	5.50

Source: Meteorological Services

1.2 LAND UTILIZATION

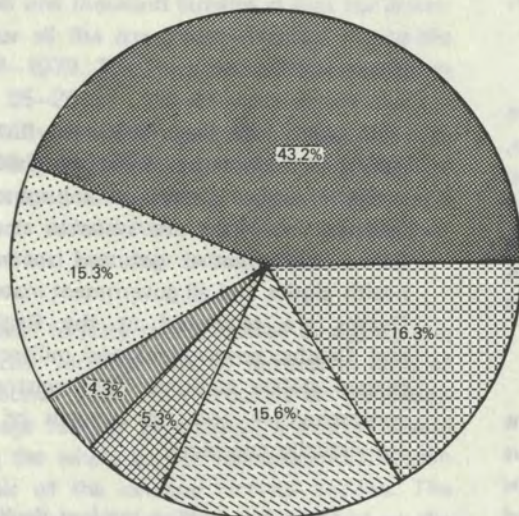
Square Kilometres

Year	Total	Built-up Area ¹	Farm Holding Area ²	Cultivable Waste	Forest	Marsh and Tidal Waste	Others ³
1968	584.3	183.4	125.3	95.8	32.4	32.4	115.0
1969	585.3	185.4	122.2	95.8	32.4	32.4	117.1
1970	586.4	189.9	134.0	95.8	32.4	32.4	101.9
1971	586.4	191.3	133.6	95.8	32.4	32.4	100.9
1972	586.4	193.2	130.1	95.8	32.4	32.4	102.5
1973	586.4	198.9	119.5	95.8	32.4	32.4	107.4
1974	587.6	216.8	115.4	95.8	32.4	32.4	94.8
1975	596.8	228.4	105.9	95.8	32.4	32.4	101.9
1976	602.0	243.4	103.7	95.8	32.4	32.4	94.3
1977	616.3	264.3	102.8	95.8	32.4	26.7	94.3
1978	616.3	266.5	100.6	95.8	32.4	26.7	94.3

Source: Survey Department

- 1 Include new industrial sites.
- 2 Refers to farm holding area of licensed farms excluding land occupied by pure rubber and coconut plantations. Figures for 1968 and 1969 refer to land used for agriculture which exclude land used for pig and poultry farming and inland fisheries.
- 3 Include inland water, open spaces, public gardens, cemeteries, non-built up areas in Military establishments, quarries, rubber and coconut plantations.

LAND UTILIZATION 1978



-  Built-up Area incl. New Industrial Sites
-  Agriculture
-  Cultivable Waste
-  Forest
-  Marsh and Tidal Waste
-  Other

2. DEMOGRAPHY

Population Census

Singapore conducted its first population census in 1871 and subsequent censuses at ten-year intervals till the outbreak of World War II. In the pre-war censuses, Singapore was included as part of the Straits Settlements and later of Malaya. Separate censuses for Singapore were carried out in 1947, 1957 and 1970.

The latest Census of Population of Singapore was carried out in June 1970. During this Census, a total of 2,074.5 thousand persons were enumerated as compared to 1,445.9 thousand persons in 1957 and 938.2 thousand persons in 1947. Population density per square kilometre rose from 1,613 persons in 1947 to 2,487 persons in 1957 to 3,538 persons in 1970.

The census data generally referred to all persons enumerated in Singapore at the time of the census including persons in fishing kelongs, on board ships and boats. They excluded non-locally domiciled Services personnel and their families and persons in transit on board ships and with no place of residence in Singapore.

Mid-Year Estimates

Mid-Year estimates of population are based on census data and estimates of natural increase and migration. After 1970, migration as a factor of population change was of relative insignificance and excluded in the estimates.

Births and Deaths

Under the Registration of Births and Deaths Act, a birth must be registered within 42 days and a death within 3 days of occurrence. Registration facilities for births are available at the Registry of Births and Deaths, gazetted maternal and child health clinics and all government maternity hospitals. Deaths are registered at the Registry of Births and Deaths, government and military hospitals and certain police stations. The registration system is comprehensive and the records of vital statistics are virtually complete.

There has been a marked decline in the crude birth rate, from 23.5 per thousand population in 1968 to 16.9 per thousand in 1978. The crude death rate, on the other hand, has remained stable; between

5.0 and 5.5 per thousand during the same period. The expectancy of life at birth for 1970 was 65.1 years for males and 70.0 years for females.

Fertility Rates

The age-specific fertility rate refers to the number of births attributable to mothers of a specific age group per one thousand females in that age group. The rates for all the age groups declined during the period 1968–1978. The steepest declines occurred in age groups 25–29 and 20–24 years where the age specific fertility rate fell from 236.6 and 165.8 in 1968 to 145.3 and 88.7 respectively in 1978. The two extreme age groups, namely the 15–19 years and 45–49 years showed the least declines as their fertility rates had been low to begin with.

The total fertility rate is derived by aggregating the age-specific fertility rates of females in each of the reproductive ages. This provides an indication of the average number of children a woman would bear during the whole of her reproductive life span on the basis of the existing fertility pattern. The gross reproduction rate is similarly computed on the basis of female births only. The total fertility rate fell from 3,562 per thousand in 1968 to 1,840 per thousand in 1978.

Marriages

Compulsory registration of all marriages other than Muslim marriages is provided for under the Women's Charter, 1961. Prior to 1961 such marriages were registered under the Christian Marriage Ordinance and the Civil Marriage Ordinance without any legal compulsion.

Under the Women's Charter, all notices of marriage other than Muslim marriages must be lodged with the Registrar of Marriages, irrespective of the venue of the solemnization.

The average age of grooms married under the Women's Charter declined from 28.2 to 27.8 years while that for the brides increased from 24.2 to 24.5 years during the period 1968–1978.

Registration of Muslim marriages in Singapore became compulsory from 1st July, 1909, when the Mohammadan Marriage Ordinance, 1908 (Ordinance No. XXV of 1908), was enacted. This Ordinance was subsequently repealed and replaced by the Administration of Muslim Law Act, 1966.

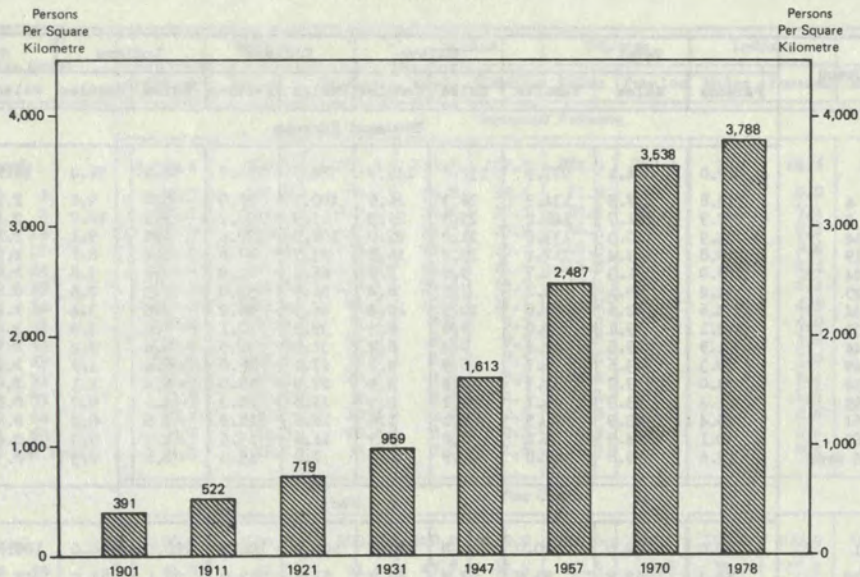
The average age of grooms who were married under the Muslim Law Act fell slightly from 27.8 years in 1968 to 27.4 years in 1978. However, the average age of brides increased from 22.2 to 23.5 years during the same period.

2.1 POPULATION

Year	Population											Rate of Population Increase	Sex Ratio (Males per 1000 Females)
	Total			Malays		Chinese		Indians		Others			
	Persons	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females		
	Thousands											Per Cent	
Census													
1901	227.6	170.0	57.6	20.2	15.8	130.4	33.7	14.3	3.4	5.1	4.7	2.3	2,951
1911	303.3	215.5	87.8	22.6	19.2	161.6	57.9	23.1	4.7	8.2	6.0	2.9	2,454
1921	418.3	280.9	137.4	29.6	24.0	214.2	100.9	26.9	5.4	10.2	7.1	3.3	2,043
1931	557.7	352.1	205.6	34.9	30.1	261.0	157.6	42.8	8.0	13.4	9.9	2.9	1,713
1947	938.2	515.0	423.2	62.3	51.5	387.4	342.1	51.7	17.3	13.6	12.3	3.3	1,217
1957	1,445.9	762.8	683.1	103.2	93.8	555.7	534.9	89.1	40.5	14.8	13.9	4.4	1,117
1970	2,074.5	1,062.1	1,012.4	158.4	153.0	796.5	783.4	87.5	57.6	19.7	18.4	2.8	1,049
Mid-year Estimates													
1968	2,012.0	1,034.1	977.9	152.6	147.9	774.7	756.7	88.2	56.4	18.6	16.9	1.6	1,057
1969	2,042.5	1,046.9	995.6	155.6	150.4	784.9	770.1	87.9	57.2	18.5	17.9	1.5	1,052
1970 (Census)	2,074.5	1,062.1	1,012.4	158.4	153.0	796.5	783.4	87.5	57.6	19.7	18.4	1.7	1,049
1971	2,110.4	1,079.7	1,030.7	161.4	155.9	809.7	796.9	88.5	59.0	20.1	18.9	1.7	1,048
1972	2,147.4	1,098.0	1,049.4	164.4	158.8	823.7	810.9	89.3	60.3	20.6	19.4	1.8	1,046
1973	2,185.1	1,116.6	1,068.5	167.4	161.7	838.0	825.4	90.1	61.6	21.1	19.8	1.7	1,045
1974	2,219.1	1,133.1	1,086.0	169.8	164.3	850.9	838.6	90.8	62.7	21.6	20.4	1.4	1,043
1975	2,249.9	1,148.2	1,101.7	172.2	166.6	862.4	850.4	91.4	63.8	22.2	20.9	1.3	1,042
1976	2,278.2	1,162.0	1,116.2	174.3	168.6	873.2	861.4	91.8	64.7	22.7	21.5	1.4	1,041
1977	2,308.2	1,176.7	1,131.5	176.3	170.6	884.8	873.2	92.4	65.6	23.2	22.1	1.2	1,040
1978	2,334.4	1,189.5	1,144.9	178.3	172.6	894.5	883.1	92.9	66.6	23.8	22.6	1.2	1,039

Note: Inter-censal population estimates for 1968-1969 have been revised.

POPULATION DENSITY



2.2 POPULATION ESTIMATES BY AGE GROUP AND ETHNIC GROUP, 1968

Age Group	Total			Malays		Chinese		Indians		Others	
	Persons	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Thousand Persons											
Total	2,012.0	1,034.1	977.9	152.6	147.9	774.7	756.7	88.2	56.4	18.6	16.9
0 - 4	272.8	137.9	134.9	26.3	26.6	100.7	96.9	8.8	9.6	2.1	1.8
5 - 9	297.9	151.7	146.2	25.5	25.3	113.9	108.2	9.9	10.7	2.4	2.0
10 - 14	273.9	140.3	133.6	21.2	22.0	108.5	100.6	8.5	9.1	2.1	1.9
15 - 19	229.8	117.4	112.4	15.4	16.1	93.7	87.8	6.4	6.8	1.9	1.7
20 - 24	158.0	81.3	76.7	9.6	9.8	66.6	62.0	4.1	3.8	1.0	1.1
25 - 29	134.2	69.1	65.1	7.5	8.4	56.5	53.0	4.3	2.8	0.8	0.9
30 - 34	123.6	62.6	61.0	10.5	10.4	46.5	46.2	4.5	3.4	1.1	1.0
35 - 39	112.1	59.1	53.0	9.6	8.4	39.5	40.1	8.6	3.3	1.4	1.2
40 - 44	91.9	49.5	42.4	8.4	6.4	31.0	32.5	8.6	2.2	1.5	1.3
45 - 49	80.3	43.6	36.7	6.9	4.9	27.1	28.8	8.4	1.9	1.2	1.1
50 - 54	73.0	39.7	33.3	4.4	3.4	27.9	28.0	6.4	1.1	1.0	0.8
55 - 59	61.4	33.3	28.1	3.1	2.5	24.8	24.2	4.6	0.7	0.8	0.7
60 - 64	45.4	23.9	21.5	2.1	1.6	18.6	18.9	2.6	0.4	0.6	0.6
65 - 69	30.1	14.9	15.2	1.2	0.9	11.6	13.6	1.7	0.3	0.4	0.4
70 and over	27.6	9.8	17.8	0.9	1.2	7.8	15.9	0.8	0.3	0.3	0.4
Per Cent											
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0 - 19	53.4	52.9	53.9	57.9	60.9	53.8	52.0	38.1	64.2	45.7	43.8
20 - 39	26.2	26.3	26.1	24.4	25.0	27.0	26.6	24.4	23.6	23.1	24.8
40 - 59	15.3	16.1	14.4	14.9	11.6	14.3	15.0	31.7	10.4	24.2	23.1
60 and over	5.1	4.7	5.6	2.8	2.5	4.9	6.4	5.8	1.8	7.0	8.3

2.3 POPULATION ESTIMATES BY AGE GROUP AND ETHNIC GROUP, 1978

Age Group	Total			Malays		Chinese		Indians		Others	
	Persons	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Thousand Persons											
Total	2,334.4	1,189.5	1,144.9	178.3	172.6	894.5	883.1	92.9	66.6	23.8	22.6
0 - 4	205.7	106.3	99.4	14.8	13.6	81.9	76.6	6.2	6.0	3.4	3.2
5 - 9	225.1	116.1	109.0	18.6	17.9	87.6	81.5	7.3	7.1	2.6	2.5
10 - 14	260.5	133.3	127.2	25.8	25.2	96.3	91.1	9.0	8.8	2.2	2.1
15 - 19	286.5	147.4	139.1	25.8	25.0	109.3	102.4	10.2	9.6	2.1	2.1
20 - 24	274.1	140.2	133.9	21.2	21.2	108.5	102.6	8.8	8.4	1.7	1.7
25 - 29	229.3	116.8	112.5	15.4	15.9	93.2	88.7	6.8	6.4	1.4	1.5
30 - 34	163.4	82.2	81.2	10.8	11.1	65.2	64.2	4.7	4.3	1.5	1.6
35 - 39	141.4	70.3	71.1	8.2	9.5	55.5	55.9	5.1	4.0	1.5	1.7
40 - 44	119.4	60.4	59.0	8.4	9.5	45.8	44.4	4.5	3.6	1.7	1.5
45 - 49	106.8	55.9	50.9	8.1	7.5	38.6	39.1	7.6	3.0	1.6	1.3
50 - 54	86.6	46.2	40.4	7.6	5.6	29.4	31.6	7.8	2.1	1.4	1.1
55 - 59	72.0	37.9	34.1	5.9	4.3	24.1	27.5	6.7	1.5	1.2	0.8
60 - 64	59.4	30.0	29.4	3.2	2.6	21.9	25.5	4.2	0.8	0.7	0.5
65 - 69	49.7	24.3	25.4	2.5	2.1	18.9	22.3	2.5	0.6	0.4	0.4
70 and over	54.5	22.2	32.3	2.0	1.6	18.3	29.7	1.5	0.4	0.4	0.6
Per Cent											
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0 - 19	41.9	42.3	41.5	47.7	47.3	41.9	39.8	35.2	47.3	43.3	43.8
20 - 39	34.6	34.4	34.8	31.2	33.4	36.1	35.3	27.4	34.7	25.6	28.8
40 - 59	16.5	16.9	16.1	16.8	15.6	15.4	16.1	28.6	15.3	24.8	20.8
60 and over	7.0	6.4	7.6	4.3	3.7	6.6	8.8	8.8	2.7	6.3	6.6

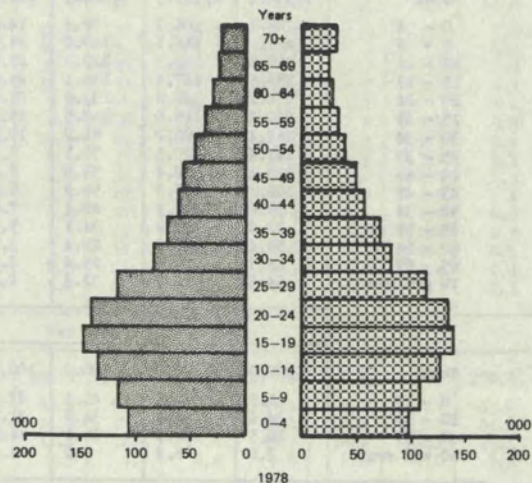
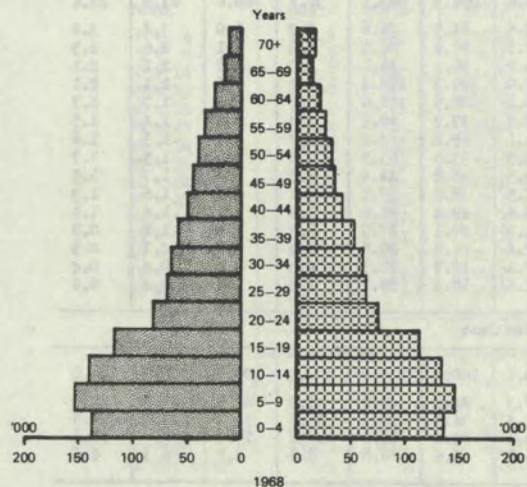
POPULATION AGE PYRAMIDS — 1968 AND 1978



Males



Females

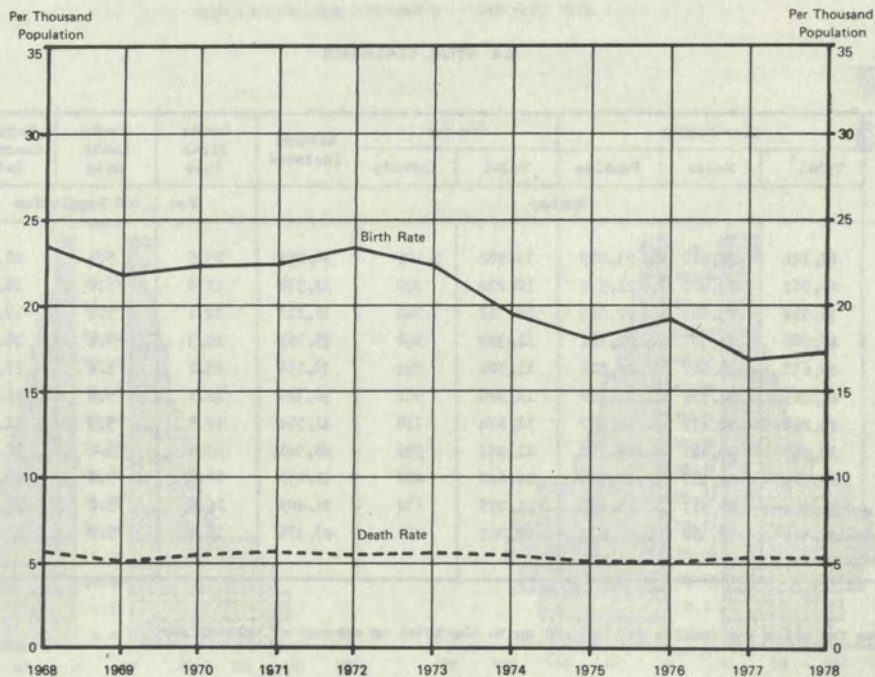


2.4 VITAL STATISTICS

Year	Live-Births			Deaths		Natural Increase	Crude Birth Rate	Crude Death Rate	Natural Increase Rate	Infant Mortality Rate
	Total ¹	Males	Females	Total	Infants					
	Number									
1968	47,241	24,210	23,029	10,982	1,105	36,259	23.5	5.5	18.0	23.4
1969	44,562	23,027	21,532	10,224	930	34,338	21.8	5.0	16.8	20.9
1970	45,934	23,609	22,323	10,717	942	35,217	22.1	5.2	17.0	20.5
1971	47,088	24,307	22,781	11,329	948	35,759	22.3	5.4	16.9	20.1
1972	49,678	25,667	24,011	11,522	954	38,156	23.1	5.4	17.8	19.2
1973	48,269	24,955	23,308	11,920	981	36,349	22.1	5.5	16.6	20.3
1974	43,268	22,479	20,787	11,674	728	31,594	19.5	5.3	14.2	16.8
1975	39,948	20,627	19,320	11,447	555	28,501	17.8	5.1	12.7	13.9
1976	42,783	22,187	20,593	11,648	498	31,135	18.8	5.1	13.7	11.6
1977	38,364	19,917	18,445	11,955	474	26,409	16.6	5.2	11.5	12.4
1978	39,441	20,364	19,076	12,065	498	27,376	16.9	5.2	11.7	12.6

1 Figures for males and females may not add up to the total on account of unknown sex.

BIRTH AND DEATH RATES



2.5 AGE SPECIFIC FERTILITY RATES AND GROSS REPRODUCTION RATES

(Per Thousand Female Population)

Age Group	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
15 - 19	30.9	27.1	25.9	25.6	25.5	24.4	21.0	17.0	16.5	13.6	12.2
20 - 24	165.8	150.1	139.0	138.3	138.0	132.1	121.0	104.1	109.6	92.5	88.7
25 - 29	236.6	227.8	208.8	214.8	218.8	200.9	174.0	157.2	163.6	142.4	145.3
30 - 34	152.0	134.3	138.0	137.3	139.1	128.3	103.3	95.5	97.7	87.1	89.1
35 - 39	85.2	75.2	74.5	68.0	65.5	56.8	42.2	35.8	33.6	28.7	26.8
40 - 44	35.3	29.4	26.7	21.9	20.8	17.3	12.6	10.0	8.0	6.7	5.2
45 - 49	6.5	5.2	4.3	3.1	2.7	2.3	1.7	1.1	0.8	0.6	0.6
Total Fertility Rate	3,562	3,246	3,086	3,045	3,052	2,811	2,379	2,104	2,149	1,858	1,840
Gross Reproduction Rate	1,736	1,568	1,500	1,473	1,475	1,357	1,143	1,017	1,034	896	890

2.6 LIVE-BIRTHS BY BIRTH ORDER

Birth Order	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
	Number										
Total ¹	47,421	44,562	45,934	47,088	49,678	48,269	43,268	39,948	42,783	38,364	39,441
1st	11,882	12,042	12,911	14,066	15,421	16,449	16,946	14,674	17,200	16,138	16,424
2nd	9,631	9,824	10,538	11,438	12,261	12,431	11,628	12,631	13,585	12,101	12,962
3rd	6,800	6,860	7,256	7,784	8,318	7,855	6,624	6,596	7,083	6,221	6,463
4th	4,728	4,381	4,588	4,660	4,821	4,508	3,497	2,854	2,648	2,231	2,181
5th	3,697	3,093	3,010	2,757	2,923	2,407	1,733	1,299	984	745	674
6th and over	10,315	8,213	7,480	6,154	5,657	4,379	2,712	1,810	1,179	879	659
Birth Order	Per Cent										
	Per Cent										
Total ¹	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1st	25.2	27.0	28.1	29.9	31.0	34.1	39.1	36.7	40.2	42.1	41.6
2nd	20.4	22.1	22.9	24.3	24.7	25.7	26.9	31.6	31.7	31.6	32.9
3rd	14.4	15.4	15.8	16.5	16.7	16.3	15.3	16.5	16.6	16.2	16.4
4th	10.0	9.8	10.0	9.9	9.7	9.3	8.1	7.2	6.2	5.8	5.5
5th	7.8	7.0	6.6	5.8	5.9	5.0	4.0	3.3	2.3	1.9	1.7
6th and over	21.8	18.4	16.3	13.1	11.4	9.1	6.3	4.5	2.8	2.3	1.7

1 Total includes birth order not stated.

2.7 AGE SPECIFIC DEATH RATES

(Per Thousand Population)

Age Group	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total	5.5	5.0	5.2	5.4	5.4	5.5	5.3	5.1	5.1	5.2	5.2
0 - 4	5.5	4.7	5.2	5.0	5.1	5.2	4.0	3.1	2.8	2.8	3.0
5 - 9	0.5	0.5	0.5	0.5	0.4	0.6	0.5	0.3	0.4	0.4	0.3
10 - 14	0.5	0.5	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.3	0.3
15 - 19	0.7	0.8	0.8	0.9	0.9	0.8	0.6	0.5	0.6	0.7	0.7
20 - 24	1.1	1.1	1.0	1.1	1.1	1.1	1.0	1.0	0.9	0.8	1.1
25 - 29	1.2	1.3	1.2	1.3	1.1	1.2	1.1	1.1	1.0	1.0	1.1
30 - 34	1.4	1.2	1.3	1.3	1.3	1.3	1.4	1.5	1.3	1.1	1.4
35 - 39	2.2	2.2	2.2	2.2	1.8	1.9	1.9	1.9	1.9	1.8	1.8
40 - 44	3.9	3.6	3.4	3.8	3.3	3.5	3.0	3.3	2.8	2.9	2.8
45 - 49	6.0	5.4	5.9	5.9	5.8	5.5	5.6	5.6	5.0	4.7	4.8
50 - 54	10.2	9.4	9.7	10.1	9.9	9.1	9.3	9.0	8.7	9.1	8.1
55 - 59	18.1	15.4	15.8	15.7	14.9	15.3	14.4	14.5	14.2	14.5	13.3
60 - 64	28.2	25.6	25.7	26.3	25.8	25.1	23.8	20.9	22.3	23.1	21.3
65 - 69	44.8	40.3	39.5	41.2	40.5	40.4	36.7	37.6	35.7	36.1	34.6
70 and over	102.6	95.5	85.7	85.5	85.7	87.6	89.4	83.3	86.5	84.4	82.6

2.8 DEATHS BY BROAD GROUPS OF CAUSES

Cause of Death	Number							
	1971	1972	1973	1974	1975	1976	1977	1978
All Causes	11,329	11,522	11,920	11,674	11,447	11,648	11,955	12,065
Infective and Parasitic Diseases	702	752	775	714	630	554	523	502
of which: Tuberculosis, all forms	439	489	450	472	420	358	340	318
Neoplasms	1,728	1,821	1,912	2,002	2,123	2,278	2,326	2,415
of which: Malignant neoplasms	1,688	1,773	1,863	1,955	2,083	2,245	2,286	2,386
Endocrine, Nutritional and Metabolic Diseases	308	271	342	377	375	408	429	403
of which: Diabetes mellitus	212	207	247	257	259	334	377	334
Diseases of the Blood and Blood-Forming Organs	60	50	61	60	52	32	50	45
Diseases of the Nervous System and Sense Organs	166	171	169	149	133	129	110	114
Diseases of the Circulatory System	3,120	2,999	3,169	3,295	3,369	3,798	3,889	3,983
of which: Heart and Hypertensive diseases	1,925	1,819	1,967	2,014	2,000	2,283	2,426	2,518
Cerebrovascular disease	1,103	1,080	1,131	1,213	1,244	1,427	1,360	1,382
Diseases of the Respiratory System	1,502	1,653	1,663	1,631	1,632	1,651	1,902	1,724
of which: Pneumonia, all forms	875	951	950	969	948	1,010	1,215	942
Bronchitis	235	237	231	183	211	134	114	107
Diseases of the Digestive System	463	463	453	451	423	384	382	359
Diseases of the Genito-Urinary System	252	279	275	320	311	281	324	381
Congenital Anomalies	186	172	189	177	146	156	141	185
of which: Congenital anomalies of heart	102	93	94	101	76	70	70	98
Certain Causes of Perinatal Mortality	455	502	477	322	254	221	247	239
of which: Immaturity, unqualified	197	280	249	174	141	113	156	127
Accidents, Poisonings and Violence	968	982	995	894	887	890	914	1,057
of which: Motor vehicle accidents	340	370	371	282	255	257	264	299
Other accidents	281	245	277	272	217	238	239	256
Suicides	230	235	240	229	252	257	224	266
Other Diseases and Causes	1,419	1,407	1,440	1,282	1,112	866	718	658
of which: Senility	1,127	1,101	1,108	1,064	860	679	571	505

Note: Deaths are classified according to the Eighth (1965) Revision of the International Statistical Classification of Diseases, Injuries and Causes of Death.

2.9 MARRIAGES REGISTERED BY ETHNIC GROUP

Number										
Year	All Marriages Registered	Women' Charter					Muslim Law Act			
		Total	Chinese	Indians	Others	Inter- Ethnic Group	Total	Malays	Others	Inter- Ethnic Group
1968	12,623	10,652	9,598	469	291	294	1,971	1,584	154	233
1969	13,506	11,534	10,286	537	311	400	1,972	1,568	145	259
1970	15,338	13,066	11,784	608	274	400	2,272	1,865	132	275
1971	15,650	13,179	11,854	692	203	430	2,471	1,954	159	358
1972	18,218	15,556	14,260	697	165	434	2,662	2,132	181	349
1973	25,399	22,576	21,131	824	155	466	2,823	2,229	187	407
1974	26,670	23,775	22,005	1,110	151	509	2,895	2,311	185	399
1975	23,408	20,175	18,549	923	160	543	3,233	2,522	204	507
1976	21,497	18,551	16,703	1,117	124	607	2,946	2,266	218	462
1977	20,821	17,658	15,963	1,060	89	546	3,163	2,488	183	492
1978	21,306	18,197	16,392	1,099	106	600	3,109	2,412	205	492

2.10 MARRIAGES BY AGE GROUP OF GROOMS AND BRIDES, 1977 AND 1978

Age Group	Number							
	1977				1978			
	Grooms		Brides		Grooms		Brides	
	Women's Charter	Muslim Law Act	Women's Charter	Muslim Law Act	Women's Charter	Muslim Law Act	Women's Charter	Muslim Law Act
All Ages	16,788	3,163	16,788	3,163	17,419	3,109	17,419	3,109
Under 15	-	-	-	1	-	-	-	-
15 - 19	190	95	2,050	732	129	82	1,864	713
20 - 24	5,274	1,254	8,817	1,631	5,274	1,247	9,171	1,598
25 - 29	7,671	1,175	4,503	531	8,011	1,139	4,763	519
30 - 34	2,287	315	888	128	2,570	353	1,083	140
35 - 39	787	127	344	61	798	98	329	61
40 - 44	308	71	103	33	330	66	128	40
45 - 49	136	48	35	21	148	51	42	19
50 and over	135	78	48	25	159	73	39	19

Note: Data on marriages registered under the Women's Charter exclude marriages previously solemnized under religious and customary rites.

2.11 AVERAGE AGE AT MARRIAGE OF GROOMS AND BRIDES

Year	Years					
	All Marriages		Women's Charter		Muslim Law Act	
	Grooms	Brides	Grooms	Brides	Grooms	Brides
1968	28.1	23.9	28.2	24.2	27.8	22.2
1969	28.1	24.0	28.1	24.3	28.0	22.2
1970	28.0	23.9	28.1	24.2	27.7	22.3
1971	27.8	23.8	27.9	24.2	27.1	22.0
1972	27.7	24.0	27.9	24.3	26.9	22.2
1973	27.8	24.0	27.9	24.2	26.7	22.3
1974	28.1	24.1	28.3	24.3	26.8	22.6
1975	27.3	23.9	27.4	24.1	27.0	23.0
1976	27.4	24.0	27.5	24.1	27.3	23.3
1977	27.6	24.2	27.6	24.3	27.5	23.5
1978	27.8	24.4	27.8	24.5	27.4	23.5

Labour Force

Data on labour force prior to 1973 (Table 3.1) were estimated on the basis of bench-mark data obtained in the 1966 Household Sample Survey and the 1970 Census of Population. As from 1973 the estimates were based on data gathered in the labour force sample surveys in which data on employment by industry and occupation were also collected.

The 1978 labour force survey was conducted by the Ministry of Labour in June 1978. The survey was based on a sample of 21,765 households.

The main terms used in the annual labour force survey are defined as follows:

Employed persons: Persons aged ten years and over who, during the reference week, worked for pay or profit or for family gains as well as those who did not work but had a job to return to. Employed persons include employers, employees, own account workers and unpaid family workers.

Unemployed persons: Persons aged ten years and over who, during the reference week, did not work and did not have a job to return to but were

actively looking for a job. It also includes persons who were not working but were taking steps to start their own business.

Economically inactive persons: Persons aged ten years and over who, during the reference week, did not work or did not have a job to return to and at the same time were not actively looking for a job.

Age-Sex specific participation rate: Percentage of economically active population to the total population in the specific age groups.

Unemployment rate: Percentage of unemployed persons to the total economically active population.

The classification of industries used in the 1978 labour force survey is based on the Singapore Standard Industrial Classification, 1973 and the occupational groups used are based on the Singapore Standard Occupational Classification and Dictionary 1973.

Employment Service

The Employment Service of the Ministry of

Labour provides free services for persons seeking employment as well as assists employers to recruit workers.

Registration for employment assistance at the Service is voluntary. Registrants are required to inform the Service within seven days upon securing employment. They are expected to renew their registration every six months if they are still unemployed. Those who do not renew their registration or could not be located are taken off the 'live' register. In addition, the Employment Service checks all registrants' employment status using employment records maintained by the Central Provident Fund (CPF) Board. Registrants (Singapore citizens and permanent residents) found to be holding jobs are similarly removed from the 'live' register.

Weekly Earnings and Hours Worked

Data on weekly earnings and hours worked are based on information supplied by establishments in the Weekly Hours and Earnings Surveys conducted by the Research and Statistics Division of the Ministry of Labour.

The main terms used in the survey are defined as follows:

Weekly Earnings: They include wages/salaries,

overtime payments as well as all other monetary payments earned by workers during the reference week of the Survey. Wages/salaries refer to basic wages accrued to workers before all deductions such as their CPF contributions and personal income tax, all other monetary payments such as cash allowances for food, housing and others but exclude payments-in-kind, payroll tax and the employers' CPF contributions.

Weekly hours: They refer to the sum of standard working hours and overtime hours of work during the reference week of the survey.

Trade Unions

Data on trade unions and membership are compiled from returns submitted to the Registrar of Trade Unions and covered both employees' and employers' unions.

Trade Disputes

Data on trade disputes only relate to cases referred to the Labour Relations Division of the Ministry of Labour.

A trade dispute means any dispute between/among employees and employers connected with the

employment or non-employment or the terms of employment or the conditions of work of any person.

Industrial Stoppages

Data on industrial stoppages refer to cases reported to and handled by the Industrial Relations Department of the Ministry of Labour and include both strikes and lockouts.

Central Provident Fund

The Central Provident Fund, established in 1955, is a compulsory savings scheme to provide workers in Singapore with monetary benefits when they attain the age of 55 years or become permanently disabled. Employers are required to pay monthly contributions to the Fund in respect of every employee. However, certain categories of persons including employers, self-employed persons, and unpaid family workers are not covered by the scheme.

From 1 July 1978, both the rate of contribution and the maximum contribution payable by employers and employees to the Fund were revised. The rate was increased by 1 per cent from 15½ per cent to 16½ per cent subject to a maximum of

\$495 in respect of employees in the private sector, statutory boards, and non-pensionable government employees.

For pensionable government employees, the rate payable by both employer and employee was also raised by 1 per cent from 5½ per cent to 6½ per cent subject to a maximum of \$495.

The rate of contribution for employees earning less than \$363 per month payable by the employer was the same as the general case, but that payable by the employee was lower or exempted.

The rate of contribution payable in respect of bonuses and additional wages not forming part of the monthly wage was similar to that for the monthly wage except that the amount was not subject to any maximum.

Of the 33 per cent paid into an employee's account, 3 per cent was credited into the Special Account where monies were not allowed to be withdrawn for the purchase of flats under the various housing schemes and from April 1978 the purchase of shares in the Singapore Bus Service (1978) Ltd. This is to ensure that members who have utilised their CPF monies to purchase flats or shares have some savings when they retire.

3.1 LABOUR FORCE

Mid-Year	Population of 15-64 Years			Labour Force ¹			Partici- pation Rate	Unemploy- ment Rate
	Total	Males	Females	Total	Employed	Unemployed		
	Thousand						Per Cent	
1968	1,109.8	579.6	530.2	626	580	46	56.4	7.3
1969	1,147.0	596.4	550.6	654	610	44	57.0	6.7
1970	1,200.3	618.1	582.2	693	651	42	57.7	6.0
1971	1,242.3	638.8	603.5	726	691	35	58.4	4.8
1972	1,286.9	661.0	625.9	761	725	36	59.2	4.7
1973	1,330.2	682.8	647.4	818	781	37	61.5	4.5
1974	1,389.6	700.1	689.5	836	803	33	60.2	4.0
1975	1,427.7	724.9	702.8	852	813	39	59.7	4.5
1976	1,473.0	744.2	728.8	885	845	40	60.1	4.5
1977	1,502.2	761.9	740.3	919	883	36	61.2	3.9
1978	1,558.1	785.4	772.7	975	940	35	62.6	3.6

1 Refers to economically active persons aged 15-64 years.

Source: Ministry of Labour

3.2 PERSONS BY ACTIVITY STATUS, AGE GROUP AND SEX, JUNE 1978

Thousand

Age Group	Total			Economically Active Persons									Economically Inactive Persons		
				Total			Employed			Unemployed					
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
TOTAL	1,929.6	970.9	958.7	994.6	662.7	331.9	958.9	640.9	318.0	35.7	21.9	13.8	934.9	308.1	626.8
10 - 14	278.8	143.2	135.6	3.7	2.1	1.5	3.3	2.0	1.3	0.3	0.1	0.2	275.1	141.0	134.1
15 - 19	308.1	156.1	152.0	130.1	67.3	62.8	120.2	63.4	56.8	9.9	3.9	6.0	177.9	88.8	89.1
20 - 24	283.3	143.4	139.9	233.0	130.8	102.2	221.2	123.2	98.0	11.8	7.5	4.2	50.1	12.6	37.5
25 - 29	229.0	114.3	114.6	171.2	110.4	60.8	166.5	106.9	59.6	4.7	3.5	1.1	57.7	3.9	53.8
30 - 34	165.3	83.6	81.7	112.1	82.1	30.0	109.9	80.4	29.4	2.1	1.6	0.5	53.1	1.5	51.6
35 - 39	139.4	68.6	70.8	91.2	67.5	23.7	89.6	66.4	23.1	1.6	1.1	0.5	48.2	1.0	47.1
40 - 44	122.8	62.1	60.7	79.2	61.0	18.2	77.8	60.0	17.8	1.3	0.9	0.4	43.5	1.1	42.4
45 - 49	102.9	52.3	50.6	62.3	50.3	12.0	60.9	49.2	11.7	1.4	1.1	0.2	40.5	1.9	38.6
50 - 54	87.4	43.6	43.8	48.2	39.2	9.0	47.0	38.2	8.8	1.1	1.0	0.1	39.2	4.4	34.8
55 - 59	65.7	33.7	32.0	29.0	24.6	4.4	28.4	24.0	4.3	0.6	0.5	0.1	36.6	9.0	27.6
60 and over	146.8	69.7	77.0	34.2	27.2	7.0	33.7	26.8	6.9	0.5	0.4	0.1	112.6	42.5	70.1

Source: Ministry of Labour

3.3 AGE-SEX SPECIFIC PARTICIPATION RATES, 1970, 1977 AND 1978

Age Group	1970 ¹			1977			1978		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
	Per hundred population								
TOTAL	46.6	67.6	24.6	49.8	66.7	32.5	51.6	68.3	34.6
10 - 14	3.3	3.7	2.8	1.4	1.4	1.3	1.3	1.5	1.1
15 - 19	49.5	55.7	43.0	41.1	41.7	40.6	42.3	43.1	41.4
20 - 24	73.5	92.9	53.6	81.8	90.9	72.1	82.3	91.2	73.2
25 - 29	64.5	98.0	30.8	73.8	96.9	50.2	74.8	96.6	53.1
30 - 34	60.6	98.3	22.7	66.6	97.9	35.5	67.8	98.2	36.8
35 - 39	60.2	98.4	19.3	64.0	98.4	32.2	65.4	98.4	33.4
40 - 44	60.8	98.1	17.8	62.2	98.2	27.5	64.5	98.2	30.1
45 - 49	60.0	96.2	17.5	61.2	96.2	24.3	60.6	96.4	23.7
50 - 54	55.0	88.1	17.5	57.0	89.7	19.1	55.1	89.8	20.6
55 - 59	46.2	73.9	16.2	43.3	70.9	15.6	44.3	73.2	13.8
60 - 64	35.0	55.6	13.4	34.8	57.7	12.9	33.9	55.0	12.1
65 - 69	25.3	41.2	9.8	24.2	40.0	8.8	23.8	38.7	9.6
70 - 74	14.5	25.8	5.7	16.5	28.0	6.3	15.5	25.0	7.8
75 and over	6.3	14.4	2.1	7.3	14.4	2.7	6.8	11.2	3.8

1 Census of Population, 1970.

Source: Ministry of Labour

3.4 EMPLOYED PERSONS BY INDUSTRY, 1970, 1973-1978

Industry	Number						
	1970 Census	1973	1974	1975	1976	1977	1978
TOTAL	650,892	799,618	824,349	833,525	870,442	903,935	958,948
Agriculture and Fishing	22,458	21,365	21,709	17,372	19,686	19,777	17,788
Quarrying	2,168	1,074	1,748	3,139	1,857	1,637	1,124
Manufacturing	143,100	189,920	234,231	218,096	233,954	245,492	270,596
Utilities	7,615	11,165	10,344	8,929	11,249	11,397	9,732
Construction	43,126	51,533	42,495	39,181	42,026	41,967	51,520
Trade	152,910	196,147	172,650	191,686	201,002	212,702	224,991
Transport and Communication	79,041	93,725	97,519	97,899	101,615	105,629	109,231
Financial and Business Services	23,071	28,665	46,574	50,654	56,512	59,676	64,368
Other Services	177,022	205,809	195,136	204,025	200,630	204,343	207,818
Activities Not Adequately Defined	381	215	1,943	2,544	1,910	1,314	1,781

Source: Ministry of Labour

3.5 EMPLOYED PERSONS BY OCCUPATION, 1970, 1973-1978

Occupation	Number						
	1970 Census	1973	1974	1975	1976	1977	1978
TOTAL	650,892	799,618	824,349	833,525	870,442	903,935	958,948
Professional and Technical Workers	55,899	60,981	90,526	89,078	86,864	84,559	81,838
Administrative and Managerial Workers	11,344	14,172	16,852	23,271	27,699	28,007	26,396
Clerical Workers	84,218	112,084	134,478	133,401	137,380	139,108	150,595
Sales Workers	105,558	129,798	117,334	127,015	136,159	141,586	147,542
Service Workers	88,812	98,879	84,310	95,031	92,701	97,593	107,068
Agricultural Workers and Fishermen	26,943	24,908	24,477	22,946	23,984	23,160	21,032
Production, Transport and Other Manual Workers	254,987	322,617	319,949	294,185	311,001	331,257	365,728
Workers Not Classifiable by Occupation	23,131	36,180	36,424	48,598	54,655	58,664	58,750

Source: Ministry of Labour

3.6 EMPLOYED PERSONS BY INDUSTRY AND OCCUPATIONAL STATUS, JUNE 1978

Industry	Occupational Status					Number
	Total	Employees	Employers	Own Account Workers	Unpaid Family Workers	
TOTAL	958,948	797,795	38,799	92,990	29,364	
Agriculture and Fishing	17,788	3,731	360	7,187	6,509	
Quarrying	1,124	1,039	42	42	-	
Manufacturing	270,596	251,197	7,463	9,859	2,078	
Utilities	9,732	9,732	-	-	-	
Construction	51,520	44,545	3,859	2,671	445	
Trade	224,991	137,832	20,184	47,725	19,251	
Transport and Communication	109,231	91,633	1,484	15,901	212	
Financial and Business Services	64,368	59,916	2,438	1,929	85	
Other Services	207,818	196,475	2,968	7,590	784	
Activities Not Adequately Defined	1,781	1,696	-	85	-	

Source: Ministry of Labour

3.7 EMPLOYED PERSONS BY INDUSTRY AND OCCUPATION, JUNE 1978

Industry	Occupation Total	Profession- al and Technical Workers	Admini- strative and Managerial Workers	Clerical Workers	Sales Workers	Service Workers	Agricul- tural Workers and Fishermen	Production Transport and Other Manual Workers	Number
									Workers Not Classi- fiable by Occupation
TOTAL	958,948	81,838	26,396	150,595	147,542	107,068	21,032	365,728	58,750
Agriculture and Fishing	17,788	21	148	297	64	64	16,537	657	-
Quarrying	1,124	85	42	148	-	42	-	806	-
Manufacturing	270,596	14,184	9,350	20,820	4,537	6,064	212	215,429	-
Utilities	9,732	1,251	21	1,590	-	615	127	6,127	-
Construction	51,520	2,396	6,170	2,714	106	890	106	39,138	-
Trade	224,991	4,325	2,565	34,622	137,916	30,361	212	14,947	42
Transport and Communication	109,231	7,845	2,608	31,718	657	5,449	85	60,849	21
Financial and Business Services	64,368	8,883	3,943	34,474	3,456	6,148	827	6,594	42
Other Services	207,818	42,827	1,548	24,191	806	57,435	2,926	19,569	58,516
Activities Not Adequately Defined	1,781	21	-	21	-	-	-	1,611	127

Source: Ministry of Labour

3.8 AVERAGE WEEKLY EARNINGS BY INDUSTRY

Dollars

Industry	1972 Jul	1973 Jul	1974 Jul	1975 Aug	1976 Aug	1977 Aug	1978 Aug
ALL INDUSTRIES	75.6	82.9	97.6	111.1	116.3	124.3	131.3
Agriculture and Fishing	55.4	75.2	92.9	103.3	96.6	104.8	107.7
Quarrying	69.1	93.4	105.6	157.4	156.0	172.0	195.7
Manufacturing	63.2	68.1	78.9	92.5	96.2	102.9	109.5
Utilities	80.5	92.6	109.5	120.5	127.9	138.5	152.1
Construction	77.6	87.2	91.1	101.9	108.4	119.3	128.5
Trade	68.5	74.8	87.5	99.4	107.5	114.2	122.4
Transport and Communication	84.7	94.3	110.6	124.0	127.6	138.1	145.8
Financial and Business Services	108.9	115.7	141.0	147.5	156.4	170.0	178.9
Other Services	86.8	96.9	122.2	128.8	135.1	141.5	151.0

Source: Ministry of Labour

3.9 AVERAGE WEEKLY EARNINGS BY OCCUPATION

Dollars

Occupation	1972 Jul	1973 Jul	1974 Jul	1975 Aug	1976 Aug	1977 Aug	1978 Aug
ALL OCCUPATIONS	75.6	82.9	97.6	111.1	116.3	124.3	131.3
Professional, Administrative and Managerial Workers	191.0	210.6	247.8	277.9	291.4	308.0	319.7
Clerical, Sales and Service Workers	64.2	69.9	83.1	92.1	94.8	100.3	108.5
Production, Transport and Other Manual Workers	50.5	56.6	64.7	73.8	78.0	82.2	88.2

Source: Ministry of Labour

3.10 AVERAGE WEEKLY HOURS WORKED BY INDUSTRY

Industry	Hours						
	1972 Jul	1973 Jul	1974 Jul	1975 Aug	1976 Aug	1977 Aug	1978 Aug
ALL INDUSTRIES	46.0	45.9	45.3	45.4	45.4	45.6	45.9
Agriculture and Fishing	44.1	43.1	42.1	42.6	44.9	44.5	44.5
Quarrying	49.6	47.8	46.2	46.6	46.4	46.8	47.7
Manufacturing	48.8	48.2	47.4	47.7	47.8	48.2	48.5
Utilities	49.3	49.7	48.0	48.8	47.8	47.8	48.1
Construction	49.1	52.9	47.3	48.0	47.5	47.1	47.4
Trade	45.2	44.7	44.5	44.5	44.3	44.3	44.2
Transport and Communication	46.1	45.8	46.2	46.6	45.4	46.6	47.2
Financial and Business Services	43.4	43.9	43.6	43.4	43.4	43.6	43.8
Other Services	42.2	41.5	42.0	41.8	42.2	42.1	41.7

Source: Ministry of Labour

3.11 REGISTRATION AT EMPLOYMENT SERVICE

Year	Number on 'live' ¹ register (end of period)	Number								
		New Registrants			Vacancies Notified			Vacancies Filled		
		Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1968	62,987	27,185	15,675	11,510	5,074	4,361	713	4,871	4,168	703
1969	51,266	19,038	11,559	7,479	7,005	6,153	852	6,955	6,126	829
1970	43,655	19,802	12,678	7,124	7,483	6,213	1,270	7,340	6,149	1,191
1971	35,953	24,842	15,414	9,428	10,576	7,824	2,752	9,646	7,293	2,353
1972	34,184	18,133	11,340	6,793	9,801	7,412	2,389	7,778	6,254	1,524
1973	32,119	13,296	7,967	5,329	8,134	6,084	2,050	7,483	5,826	1,657
1974	39,262	24,570	9,469	15,101	12,530	8,269	4,261	6,710	4,778	1,932
1975	38,896	28,380	13,325	15,055	21,814	12,886	8,928	8,458	5,612	2,846
1976	30,750	22,413	13,004	9,409	26,408	14,395	12,013	9,483	6,879	2,604
1977	18,127	23,630	12,933	10,697	25,634	14,363	11,271	9,373	6,489	2,884
1978	15,244	24,208	14,021	10,187	27,904	17,697	10,207	7,888	5,425	2,463

¹ Figures from 1977 exclude those who already have a job as confirmed by the Central Provident Fund Board's employment records.

Source: Ministry of Labour

3.12 TRADE UNIONS AND MEMBERSHIP

Year	Employee Class		Employer Class	
	Unions	Members	Unions	Members
1968	112	125,518	54	6,095
1969	112	120,053	53	6,334
1970	102	112,488	53	6,507
1971	100	124,350	52	6,386
1972	97	166,988	52	6,557
1973	92	191,481	51	6,644
1974	90	203,561	51	6,508
1975	89	208,561	51	6,822
1976	91	221,936	51	6,852
1977	90	229,056	51	6,961
1978	89	236,907	50	6,775

Source: Ministry of Labour

3.13 INDUSTRIAL STOPPAGES AND TRADE DISPUTES

Year	Industrial Stoppages			Trade Disputes
	Number	Workers Involved	Man-Days Lost	Number
1968	4	172	11,447	649
1969	-	-	8,512 ¹	449
1970	5	1,749	2,514	486
1971	2	1,380	5,449	765
1972	10	3,168	18,233	1,140
1973	5	1,312	2,295	997
1974	10	1,901	5,380	1,091
1975	7	1,865	4,853	709
1976	4	1,576	3,193	694
1977	1	406	1,011	640
1978	-	-	-	548

Source: Ministry of Labour

- 1 Refers to man-days lost on account of a work-stoppage which began in 1968.

3.14 CENTRAL PROVIDENT FUND CONTRIBUTORS BY AGE GROUP

Age Group	1971	1972	1973	1974	1975	1976	1977	1978
Number								
TOTAL	415,672	535,702	609,305	622,454	647,359	677,824	713,647	779,432
Under 15	1,728	2,209	2,288	1,237	1,288	2,018	1,965	2,365
15 - 19	66,044	81,029	95,146	82,885	83,939	87,566	88,386	97,373
20 - 24	102,031	133,647	152,354	147,106	160,871	169,072	175,786	192,369
25 - 29	52,590	81,914	100,113	109,575	127,630	135,102	142,181	154,646
30 - 34	47,229	58,919	63,874	61,460	61,775	68,965	81,307	94,936
35 - 39	36,665	45,492	51,200	53,641	57,836	61,028	61,951	64,948
40 - 44	32,011	38,680	41,138	41,551	45,143	46,513	47,983	52,728
45 - 49	25,685	30,112	33,392	34,717	37,538	38,071	39,259	41,370
50 - 54	20,121	22,577	24,408	24,979	26,681	27,573	28,936	31,691
55 - 59	2,932	3,539	3,922	3,823	4,303	3,962	4,414	18,910
60 and over	20,926	22,799	26,506	50,663	35,228	33,110	33,782	19,714
Not stated	7,710	14,785	14,964	10,817	5,127	4,844	7,697	8,382
Per Cent								
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15	0.4	0.4	0.4	0.2	0.2	0.3	0.3	0.3
15 - 19	15.9	15.1	15.6	13.3	13.0	12.9	12.4	12.5
20 - 24	24.5	24.9	25.0	23.6	24.9	24.9	24.6	24.7
25 - 29	12.7	15.3	16.4	17.6	19.7	19.9	19.9	19.8
30 - 34	11.4	11.0	10.5	9.9	9.5	10.2	11.4	12.2
35 - 39	8.8	8.5	8.4	8.6	8.9	9.0	8.7	8.3
40 - 44	7.7	7.2	6.8	6.7	7.0	6.9	6.7	6.8
45 - 49	6.2	5.6	5.5	5.6	5.8	5.6	5.5	5.3
50 - 54	4.8	4.2	4.0	4.0	4.1	4.1	4.1	4.1
55 - 59	0.7	0.7	0.6	0.6	0.7	0.6	0.6	2.4
60 and over	5.0	4.3	4.3	8.1	5.4	4.9	4.7	2.5
Not stated	1.9	2.8	2.5	1.8	0.8	0.7	1.1	1.1

Source: Central Provident Fund Board

3.15 CONTRIBUTIONS TO THE CENTRAL PROVIDENT FUND BY WAGE LEVEL

Monthly Wage Level	1971	1972	1973	1974	1975	1976	1977	1978			
	Number										
TOTAL	415,672	535,702	609,305	622,454	647,359	677,824	713,647	779,432			
Below \$100	62,126	55,570	46,046	27,318	24,033	23,050	22,494	23,857			
\$ 100 - \$ 199	164,134	194,688	195,934	130,547	117,452	110,434	103,214	86,108			
\$ 200 - 299	80,092	108,818	138,449	160,970	162,096	174,991	185,310	203,820			
\$ 300 - 399	37,758	59,008	72,011	84,974	93,101	101,671	109,940	117,091			
\$ 400 - 499	21,807	39,649	46,667	57,710	62,208	68,333	74,846	82,649			
\$ 500 - 599	13,007	19,609	30,358	41,790	47,428	50,031	52,730	60,653			
\$ 600 - 799	14,258	22,201	30,339	45,200	55,554	57,749	63,217	77,924			
\$ 800 - 999	6,730	12,126	15,455	21,273	25,799	28,953	32,660	40,793			
\$1,000 - 1,199	4,090	6,955	10,232	13,655	15,751	16,345	18,228	22,867			
\$1,200 - 1,499	3,223	5,283	7,402	11,110	13,961	15,371	17,398	20,973			
\$1,500 - 1,999	}	}	}	}	}	11,058	12,485	16,634			
\$2,000 - 2,499						}	}	8,100			
\$2,500 - 2,999								3,970			
\$3,000 and over	}	}	}	}	}			6,810			
Not stated					5,260	6,469	7,929	11,611	8,927	6,678	6,027
	Per Cent										
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
Below \$100	14.9	10.4	7.6	4.4	3.7	3.4	3.1	3.1			
\$ 100 - \$ 199	39.5	36.3	32.1	21.0	18.1	16.3	14.5	11.0			
\$ 200 - 299	19.3	20.3	22.7	25.9	25.0	25.8	26.0	26.2			
\$ 300 - 399	9.1	11.0	11.8	13.6	14.4	15.0	15.4	15.0			
\$ 400 - 499	5.2	7.4	7.7	9.3	9.6	10.1	10.5	10.6			
\$ 500 - 599	3.1	3.7	5.0	6.7	7.3	7.4	7.4	7.8			
\$ 600 - 799	3.4	4.1	5.0	7.3	8.6	8.5	8.9	10.0			
\$ 800 - 999	1.6	2.3	2.5	3.4	4.0	4.3	4.6	5.2			
\$1,000 - 1,199	1.0	1.3	1.7	2.2	2.4	2.4	2.5	2.9			
\$1,200 - 1,499	0.8	1.0	1.2	1.8	2.2	2.3	2.4	2.7			
\$1,500 - 1,999	}	}	}	}	}	1.6	1.8	2.1			
\$2,000 - 2,499						}	}	1.1			
\$2,500 - 2,999								0.5			
\$3,000 and over	}	}	}	}	}			0.9			
Not stated					1.3	1.2	1.3	1.8	1.4	1.0	0.8

Source: Central Provident Fund Board

3.16 CENTRAL PROVIDENT FUND MEMBERS BY AGE GROUP

(End of period)

Age Group (Years)	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
	Number									
TOTAL	560,133	638,829	714,657	855,307	961,991	1,041,601	1,104,417	1,177,538	1,251,070	1,340,779
Under 15	1,333	1,883	2,349	2,924	3,058	1,810	1,704	2,639	2,604	3,062
15 - 19	60,335	81,181	99,286	123,824	142,489	142,545	141,727	147,790	152,354	163,659
20 - 24	108,416	136,029	159,762	200,600	232,067	246,242	270,560	286,150	297,007	308,426
25 - 29	84,305	84,618	96,699	127,775	152,862	175,302	208,155	226,542	244,334	264,527
30 - 34	78,889	86,326	94,921	103,830	110,333	109,504	110,309	123,503	146,443	168,517
35 - 39	59,530	65,532	70,564	78,097	87,171	95,022	103,696	112,475	116,549	121,443
40 - 44	50,103	54,407	57,725	63,950	67,745	70,606	77,810	82,557	86,444	94,844
45 - 49	38,935	41,194	44,296	49,725	54,390	57,842	63,182	66,549	69,521	72,795
50 - 54	31,523	33,958	35,596	38,646	40,794	42,300	45,209	48,304	51,715	56,034
55 and over	32,497	37,496	41,316	46,254	51,076	82,514	59,021	61,730	64,842	66,277
Age not stated	14,267	16,205	12,143	19,682	20,006	17,914	23,044	19,299	19,257	21,195
	Per Cent									
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15	0.2	0.3	0.3	0.4	0.3	0.2	0.2	0.2	0.2	0.2
15 - 19	10.8	12.7	13.9	14.5	14.8	13.6	12.8	12.6	12.2	12.2
20 - 24	19.4	21.3	22.3	23.5	24.1	23.7	24.5	24.3	23.8	23.0
25 - 29	15.1	13.2	13.5	14.9	15.9	16.8	18.9	19.2	19.5	19.7
30 - 34	14.1	13.5	13.3	12.1	11.5	10.5	10.0	10.5	11.7	12.6
35 - 39	10.6	10.3	9.9	9.1	9.1	9.1	9.4	9.6	9.3	9.1
40 - 44	8.9	8.5	8.1	7.5	7.0	6.8	7.0	7.0	6.9	7.1
45 - 49	7.0	6.5	6.2	5.8	5.7	5.6	5.7	5.7	5.6	5.4
50 - 54	5.6	5.3	5.0	4.5	4.2	4.1	4.1	4.1	4.1	4.2
55 and over	5.8	5.9	5.8	5.4	5.3	7.9	5.3	5.2	5.2	4.9
Age not stated	2.5	2.5	1.7	2.3	2.1	1.7	2.1	1.6	1.5	1.6

Note: Data refer to all persons on the Central Provident Fund Board register.

Source: Central Provident Fund Board

3.17 CENTRAL PROVIDENT FUND MEMBERS BY BALANCES

(End of period)

Balance (\$)	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
	Number									
TOTAL	560,133	638,829	714,657	855,307	961,991	1,041,601	1,104,417	1,177,538	1,251,070	1,340,779
Below 200	242,003	273,167	275,106	304,915	293,464	267,987	259,921	262,476	266,797	275,775
200 - 399	68,238	83,348	104,264	130,974	125,337	117,040	106,315	110,503	112,940	116,047
400 - 599	40,036	45,548	56,766	73,889	90,117	83,566	74,059	73,532	75,062	78,175
600 - 799	28,655	31,539	37,286	47,715	67,704	65,893	60,793	57,522	59,769	61,662
800 - 999	22,370	24,508	27,823	33,811	47,385	55,343	50,848	48,029	49,620	51,528
1,000 - 1,999	72,889	77,830	84,267	96,734	121,571	162,902	172,983	172,151	168,886	179,001
2,000 - 2,999	27,905	32,794	41,414	52,156	63,379	78,730	99,255	104,904	110,477	113,811
3,000 - 3,999	17,786	19,160	22,726	28,898	37,396	51,007	61,029	73,484	76,857	82,071
4,000 - 5,999	17,389	21,845	26,618	33,232	43,017	57,169	75,101	89,652	103,950	110,333
6,000 - 7,999	8,528	9,903	13,347	18,189	23,482	31,905	43,378	52,154	61,296	72,382
8,000 - 9,999	6,383	6,660	7,186	10,098	14,276	19,525	27,244	34,432	39,581	46,297
10,000 and over	7,951	12,527	17,854	24,696	34,863	50,534	73,491	98,699	125,835	153,697
	Per Cent									
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Below 200	43.2	42.8	38.5	35.6	30.5	25.7	23.5	22.3	21.3	20.6
200 - 399	12.2	13.1	14.6	15.3	13.0	11.2	9.6	9.4	9.0	8.7
400 - 599	7.2	7.1	7.9	8.6	9.4	8.0	6.7	6.3	6.0	5.8
600 - 799	5.1	4.9	5.2	5.6	7.0	6.3	5.5	4.9	4.8	4.6
800 - 999	4.0	3.8	3.9	4.0	4.9	5.3	4.6	4.1	4.0	3.8
1,000 - 1,999	13.0	12.2	11.8	11.3	12.6	15.6	15.7	14.6	13.5	13.3
2,000 - 2,999	5.0	5.1	5.8	6.1	6.6	7.6	9.0	8.9	8.8	8.5
3,000 - 3,999	3.2	3.0	3.2	3.4	3.9	4.9	5.5	6.2	6.1	6.1
4,000 - 5,999	3.1	3.4	3.7	3.9	4.5	5.5	6.8	7.6	8.3	8.2
6,000 - 7,999	1.5	1.6	1.9	2.1	2.5	3.1	3.9	4.4	4.9	5.4
8,000 - 9,999	1.1	1.0	1.0	1.2	1.5	1.9	2.5	2.9	3.2	3.5
10,000 and over	1.4	2.0	2.5	2.9	3.6	4.9	6.7	8.4	10.1	11.5

Source: Central Provident Fund Board

4. NATIONAL ACCOUNTS AND BALANCE OF PAYMENTS

National Accounts

The output and expenditure approaches are adopted for compiling national income aggregates of Singapore. The compilation follows closely the concepts, definitions and methodology given in the United Nations' publication "A System of National Accounts, 1968".

The development of the Singapore economy depends heavily on foreign capital, foreign technology and foreign workers. Consequently a large share of the compensation of employees and of the operating surplus as well as the consumption of fixed capital of establishments as recorded in national accounts, accrues to foreigners and foreign enterprises.

As such, per capita GNP as conventionally defined on a residential basis is not a true reflection of the income of Singaporeans. Hence a new series on indigenous per capita GNP which excludes the foreigners' contribution was compiled. This involves the calculation of income accruing to foreign workers and foreign enterprises which are residents of Singapore and the exclusion of this amount from the GDP. The indigenous per capita GNP for the years 1973 and 1974 were evaluated and accepted by

the International Monetary Fund (IMF) and used as the basis for classifying Singapore as a developing country.

Definitions:

Gross National Product — The aggregate value of output produced by productive factors owned by Singapore residents irrespective of whether they are located within Singapore's geographical boundary or abroad.

Indigenous Gross National Product — The aggregate value of output produced by Singaporeans.

Gross Domestic Product — The aggregate value of output produced within the domestic territory of Singapore.

Expenditure on Gross Domestic Product — The sum of private consumption expenditure of households including non-profit making institutions, government consumption expenditure, gross domestic capital formation and net exports to rest of the world.

Output and Expenditure GDP Deflators — The ratios of current price estimates to the corres-

ponding estimates at 1968 prices. They measure implicitly the price changes in the current price aggregates.

GNP, GDP and expenditure on GDP are valued at market prices, that is, they are valued at the actual transacted prices and include customs and excise duties and other indirect taxes levied but exclude government grants and subsidies.

Balance of Payments

The Singapore's balance of payments records all economic transactions between residents of Singapore and residents of the rest of the world (non-residents). The methods used in the compilation are based on the principles recommended in the Balance of Payments Manual published by the International Monetary Fund (IMF). The estimates are compiled mainly from trade and shipping statistics, data obtained from regular surveys of companies, administrative records of government departments and statutory authorities as well as data collected under the Ticket System. The Ticket System was implemented by the Monetary Authority of Singapore in July 1973 to collect statistics on Singapore's overseas transactions through banks operating in Singapore.

Transactions entered into Singapore's balance of payments are classified under three main cate-

gories, viz:

- (a) Transactions in goods and services such as exports and imports of merchandise, receipts from services rendered to or payments for services received from non-residents;
- (b) Unrequited transfers which record private remittances to and from abroad as well as government receipts of grants from and payments of pensions and compensation to non-residents;
- (c) Private and official financial transactions involving changes in Singapore's foreign assets and liabilities.

Transactions in goods and services and unrequited transfers which are related to Singapore's current income and expenditure are grouped in the current account, whereas private and official financial transactions which affect Singapore's claims on and liabilities to non-residents are classified in the capital account.

As a result of improvements made in the system of data collection and the availability of supplementary data, the estimates for some transactions in the current and capital accounts from 1972 onwards were revised and thus not comparable with those of earlier years for which additional retrospective data were not available.

4.1 INDIGENOUS GROSS NATIONAL PRODUCT

(At Current Market Prices)

Million Dollars

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978*
1 Total Gross Domestic Product	4,315	5,020	5,805	6,823	8,156	10,205	12,543	13,373	14,575	15,974	17,563
2 Share of Resident Foreigners and Resident Foreign Companies in GDP	624	800	1,072	1,234	1,516	2,090	2,990	3,059	3,429	3,773	4,295
3 Indigenous GDP (1) - (2)	3,691	4,220	4,733	5,589	6,640	8,115	9,553	10,314	11,146	12,201	13,268
4 Net Factor Receipts of Singa- poreans from Rest of the World	231	252	256	237	244	294	413	481	442	552	697
5 Indigenous GNP (3) + (4)	3,922	4,472	4,989	5,826	6,884	8,409	9,966	10,795	11,588	12,753	13,965
6 Number of Singaporeans ('000)	2,012	2,043	2,075	2,110	2,147	2,185	2,219	2,250	2,278	2,308	2,334
7 Per Capita Indigenous GNP (S\$) (5) ÷ (6)	1,949	2,189	2,404	2,761	3,206	3,849	4,491	4,798	5,087	5,525	5,982

4.2 OUTPUT, SAVING AND INVESTMENT

(At Current Market Prices)

Million Dollars

	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978*
Gross National Product										
Gross National Product at Market Prices	5,104.6	5,861.1	6,813.3	8,085.8	9,836.6	12,109.5	13,216.2	14,246.4	15,726.1	17,405.7
Gross Domestic Product at Factor Cost	4,609.5	5,319.9	6,279.4	7,523.9	9,437.8	11,738.2	12,507.2	13,586.2	14,852.1	16,299.3
Indirect Taxes	410.4	485.0	543.9	631.9	767.3	805.0	865.8	989.0	1,122.2	1,263.6
Net Factor Income from Abroad	84.7	56.2	-10.0	-70.0	-368.5	-433.7	-156.8	-328.8	-248.2	-157.2
Generation of Gross National Saving										
Gross National Saving	972.9	1,129.7	1,252.7	1,916.1	2,595.1	2,892.5	3,601.8	3,747.3	4,163.9	4,566.1
Gross Domestic Saving	905.0	1,065.4	1,259.9	1,979.7	2,973.7	3,421.3	3,850.9	4,197.2	4,520.4	4,792.7
Gross Domestic Product at Market Prices	5,019.9	5,804.9	6,823.3	8,155.8	10,205.1	12,543.2	13,373.0	14,575.2	15,974.3	17,562.9
Less: Private and Government Consumption Expenditure	3,999.6	4,612.1	5,462.6	6,163.6	7,619.0	9,094.4	9,661.5	10,338.6	11,455.7	12,792.3
Statistical Discrepancy	-115.3	-127.4	-100.8	-12.5	387.6	-27.5	139.4	-39.4	1.8	22.1
Net Factor Income from Abroad	84.7	56.2	-10.0	-70.0	-368.5	-433.7	-156.8	-328.8	-248.2	-157.2
Net Transfers from Abroad	-16.8	8.1	2.8	6.4	-10.1	-95.1	-92.3	-121.1	-108.3	-69.4
Finance of Gross Domestic Capital Formation										
Gross Domestic Capital Formation	1,437.4	2,244.5	2,744.1	3,354.4	4,000.0	5,592.0	5,034.6	5,492.2	5,314.8	6,256.2
Gross National Saving	972.9	1,129.7	1,252.7	1,916.1	2,595.1	2,892.5	3,601.8	3,747.3	4,163.9	4,566.1
Net Borrowing from Abroad	464.5	1,114.8	1,491.4	1,438.3	1,404.9	2,699.5	1,432.8	1,744.9	1,150.9	1,690.1

4.3 GROSS DOMESTIC PRODUCT BY INDUSTRY

Million Dollars

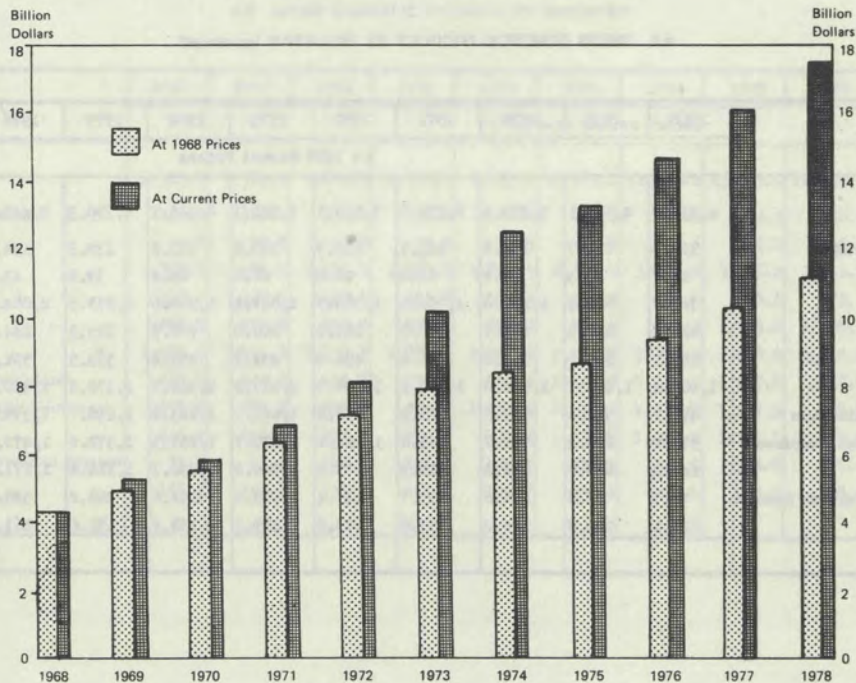
INDUSTRY	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978*
	At Current Market Prices										
TOTAL	4,315.0	5,019.9	5,804.9	6,823.3	8,155.8	10,205.1	12,543.2	13,373.0	14,575.2	15,974.3	17,562.9
Agriculture and Fishing	121.3	128.6	134.6	158.8	160.6	214.3	229.9	254.2	256.8	283.1	274.4
Quarrying	14.7	17.5	19.8	24.5	28.5	28.8	33.6	47.1	56.2	49.1	40.1
Manufacturing	769.7	956.1	1,186.5	1,460.6	1,853.5	2,429.0	3,084.6	3,226.2	3,611.5	4,018.7	4,570.0
Utilities	117.2	127.5	149.1	163.9	185.0	218.2	231.6	250.2	273.7	301.0	340.9
Construction	256.2	293.6	397.0	508.6	692.0	725.9	929.3	1,084.0	1,205.1	1,199.8	1,113.8
Trade	1,286.4	1,511.3	1,639.2	1,850.4	2,067.2	2,771.8	3,588.3	3,608.0	3,815.2	4,224.2	4,654.2
Transport and Communication	475.1	544.9	629.8	750.8	924.8	1,127.9	1,338.0	1,517.6	1,795.5	2,111.6	2,472.9
Financial and Business Services	578.2	688.7	815.8	998.4	1,232.3	1,543.3	1,833.8	1,957.3	2,088.8	2,242.9	2,426.2
Other Services	646.4	695.2	767.9	872.8	971.3	1,125.8	1,392.2	1,576.1	1,679.4	1,746.2	1,922.5
Less: Imputed Bank Service Charge	71.3	87.2	110.2	128.2	155.1	218.3	341.2	375.8	467.4	506.4	593.0
Add: Import Duties	121.1	143.7	175.4	162.7	195.7	238.4	223.1	228.1	260.4	304.1	340.9

4.3 GROSS DOMESTIC PRODUCT BY INDUSTRY (continued)

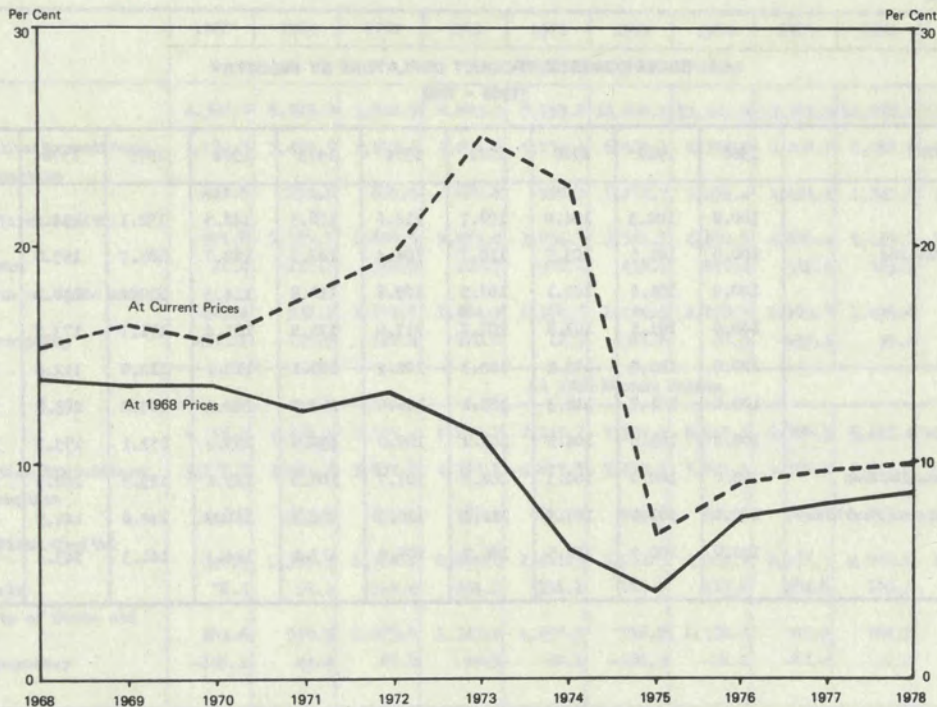
Million Dollars

INDUSTRY	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978*
	At 1968 Market Prices										
TOTAL	4,315.0	4,906.1	5,579.3	6,276.7	7,119.7	7,941.3	8,445.2	8,790.3	9,447.4	10,210.2	11,091.7
Agriculture and Fishing	121.3	126.7	129.8	143.5	153.9	145.8	135.5	139.9	154.9	156.5	153.3
Quarrying	14.7	17.3	19.4	22.8	26.0	26.0	29.4	39.2	43.1	42.0	36.2
Manufacturing	769.7	942.4	1,142.8	1,356.5	1,583.9	1,841.2	1,910.6	1,879.5	2,084.6	2,265.7	2,525.8
Utilities	117.2	127.5	145.9	160.2	181.0	200.0	208.5	223.3	244.4	268.5	303.7
Construction	256.2	288.8	353.6	406.6	474.0	432.9	459.4	533.9	591.3	578.8	533.5
Trade	1,286.4	1,436.7	1,568.9	1,722.9	1,896.0	2,117.9	2,342.5	2,372.6	2,450.8	2,644.1	2,835.0
Transport and Communication	475.1	544.8	627.9	721.2	858.8	1,041.3	1,123.8	1,230.7	1,399.3	1,631.1	1,896.0
Financial and Business Services	578.2	680.2	774.7	895.6	1,024.1	1,175.7	1,292.5	1,372.2	1,472.4	1,580.9	1,709.5
Other Services	646.4	688.7	756.9	818.3	889.5	960.2	1,036.7	1,115.6	1,171.7	1,209.1	1,296.2
Less: Imputed Bank Service Charge	71.3	85.8	106.8	123.7	147.4	189.0	252.6	268.2	328.7	349.1	394.8
Add: Import Duties	121.1	138.8	166.2	152.8	179.9	189.3	158.9	151.6	163.6	182.6	197.3

GROSS DOMESTIC PRODUCT AT MARKET PRICES



PERCENTAGE GROWTH OF GROSS DOMESTIC PRODUCT AT MARKET PRICES



4.4 GROSS DOMESTIC PRODUCT DEFLATORS BY INDUSTRY
(1968 = 100)

Per Cent

INDUSTRY	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978*
TOTAL	100.0	102.3	104.0	108.7	114.6	128.5	148.5	152.1	154.3	156.5	158.3
Agriculture and Fishing	100.0	101.5	103.7	110.7	104.4	147.0	169.7	181.7	165.8	180.9	179.0
Quarrying	100.0	101.2	102.1	107.5	109.6	110.8	114.3	120.2	130.4	116.9	110.8
Manufacturing	100.0	101.5	103.8	107.7	117.0	131.9	161.4	171.7	173.2	177.4	180.9
Utilities	100.0	100.0	102.2	102.3	102.2	109.1	111.1	112.0	112.0	112.1	112.2
Construction	100.0	101.7	112.3	125.1	146.0	167.7	202.3	203.0	203.8	207.3	208.8
Trade	100.0	105.2	104.5	107.4	109.0	130.9	153.2	152.1	155.7	159.8	164.2
Transport and Communication	100.0	100.0	100.3	104.1	107.7	108.3	119.1	123.3	128.3	129.5	130.4
Financial and Business Services	100.0	101.2	105.3	111.5	120.3	131.3	141.9	142.6	141.9	141.9	141.9
Other Services	100.0	100.9	101.5	106.7	109.2	117.2	134.3	141.3	143.3	144.4	148.3

4.5 EXPENDITURE ON GROSS DOMESTIC PRODUCT

Million Dollars

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978*
	At Current Market Prices										
TOTAL	4,315.0	5,019.9	5,804.9	6,823.3	8,155.8	10,205.1	12,543.2	13,373.0	14,575.2	15,974.3	17,562.9
Private Consumption Expenditure	3,179.7	3,439.7	3,919.6	4,601.8	5,173.4	6,501.3	7,796.0	8,238.5	8,797.1	9,739.4	10,857.1
Government Consumption Expenditure	448.8	559.9	692.5	860.8	990.2	1,117.7	1,298.4	1,423.0	1,541.5	1,716.3	1,935.2
Gross Domestic Fixed Capital Formation	996.8	1,325.7	1,888.5	2,473.4	3,054.3	3,561.1	4,694.8	4,698.4	5,149.1	5,259.1	5,860.9
Increase in Stocks	78.4	111.7	356.0	270.7	300.1	438.9	897.2	336.2	343.1	55.7	395.3
Less: Net Imports of Goods and Services	283.6	532.4	1,179.1	1,484.2	1,374.7	1,026.3	2,170.7	1,183.7	1,295.0	794.4	1,463.5
Statistical Discrepancy	-105.1	115.3	127.4	100.8	12.5	-387.6	27.5	-139.4	39.4	-1.8	-22.1
	At 1968 Market Prices										
TOTAL	4,315.0	4,906.1	5,579.3	6,276.7	7,119.7	7,941.3	8,445.2	8,790.3	9,447.4	10,210.2	11,091.7
Private Consumption Expenditure	3,179.7	3,441.9	3,872.7	4,397.1	4,815.5	5,229.8	5,533.5	5,709.9	6,115.2	6,591.9	7,138.2
Government Consumption Expenditure	448.8	552.7	671.8	786.3	891.2	940.1	941.1	966.9	1,015.3	1,108.9	1,217.2
Gross Domestic Fixed Capital Formation	996.8	1,285.9	1,712.0	2,101.8	2,411.3	2,614.5	2,884.1	2,766.3	2,908.6	2,945.8	3,235.3
Increase in Stocks	78.4	92.1	335.4	235.2	191.1	181.7	483.6	184.8	190.2	30.9	217.9
Less: Net Imports of Goods and Services	283.6	510.9	1,079.8	1,343.2	1,238.5	816.5	1,378.7	757.2	784.5	445.5	778.0
Statistical Discrepancy	-105.1	44.4	67.2	99.5	49.1	-208.3	-18.4	-80.4	+2.6	-21.8	61.1

4.6 DEFLATORS OF EXPENDITURE ON GROSS DOMESTIC PRODUCT
(1968 = 100)

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978*
TOTAL	100.0	102.3	104.0	108.7	114.6	128.5	148.5	152.1	154.3	156.5	158.3
Private Consumption Expenditure	100.0	99.9	101.2	104.7	107.4	124.3	140.9	144.3	143.9	147.7	152.1
Government Consumption Expenditure	100.0	101.3	103.1	109.5	111.1	118.9	138.0	147.2	151.8	154.8	159.0
Gross Domestic Fixed Capital Formation	100.0	103.1	110.3	117.7	126.7	136.2	162.8	169.8	177.0	178.5	181.2
Net Imports of Goods and Services	100.0	104.2	109.2	110.5	111.0	125.7	157.4	156.3	165.1	178.3	188.1

4.7 PRIVATE CONSUMPTION EXPENDITURE

Million Dollars

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978*
At Current Market Prices											
TOTAL	3,179.7	3,439.7	3,919.6	4,601.8	5,173.4	6,501.3	7,796.0	8,238.5	8,797.1	9,739.4	10,857.1
Food and Beverages	1,248.7	1,259.9	1,399.3	1,535.7	1,647.8	2,144.0	2,495.5	2,648.8	2,733.7	2,967.0	3,291.2
Clothing and Footwear	360.4	395.0	431.0	470.2	524.9	718.2	783.2	748.2	821.6	898.1	994.5
Rent and Utilities	331.0	373.1	445.8	525.9	630.6	694.6	815.9	920.5	1,028.4	1,067.6	1,130.6
Furniture and Household Equipment	300.6	315.2	355.8	400.4	445.5	571.0	752.0	813.8	857.9	948.4	1,037.6
Medical Services	80.7	102.9	121.2	140.2	150.8	178.7	217.8	249.1	269.3	305.4	340.2
Transport and Communication	400.3	451.6	543.3	603.9	680.4	830.6	985.5	1,005.9	1,119.8	1,328.0	1,509.8
Recreation and Education	330.0	378.8	441.1	515.6	585.4	761.9	992.4	1,013.7	1,056.6	1,162.8	1,390.2
Other Goods and Services	566.3	645.8	736.9	854.2	1,024.0	1,284.3	1,589.4	1,693.7	1,803.5	2,026.1	2,279.9
Add: Residents' Expenditure Abroad	40.8	50.5	54.7	59.1	74.8	83.8	94.6	107.4	125.4	172.0	187.4
Less: Non-resident' Expenditure Locally	479.1	533.1	609.5	503.4	590.8	765.8	930.3	962.6	1,019.1	1,136.0	1,304.3
At 1968 Market Prices											
TOTAL	3,179.7	3,441.9	3,872.7	4,397.1	4,815.5	5,229.8	5,533.5	5,709.9	6,115.2	6,591.9	7,138.2
Food and Beverages	1,248.7	1,286.8	1,424.8	1,526.8	1,628.6	1,701.7	1,663.8	1,699.9	1,831.4	1,904.2	2,047.3
Clothing and Footwear	360.4	385.5	418.2	441.8	484.1	525.0	529.2	522.0	571.5	618.5	672.9
Rent and Utilities	331.0	366.7	413.2	448.6	496.9	523.6	561.4	604.3	649.0	668.2	701.3
Furniture and Household Equipment	300.6	311.2	348.2	382.0	420.1	455.4	499.4	559.8	583.4	612.1	636.3
Medical Services	80.7	95.0	111.9	129.7	143.2	155.3	162.9	173.1	185.3	207.5	220.8
Transport and Communication	400.3	449.6	534.1	569.5	630.3	728.9	744.7	737.1	798.8	928.4	1,024.4
Recreation and Education	330.0	379.7	440.1	488.5	541.0	641.5	782.0	803.8	833.1	900.4	1,044.7
Other Goods and Services	566.3	652.5	735.0	838.0	956.0	1,044.3	1,178.2	1,202.7	1,283.9	1,401.9	1,515.0
Add: Residents' Expenditure Abroad	40.8	48.5	50.1	53.5	67.4	66.7	66.6	74.4	87.2	115.8	121.9
Less: Non-residents' Expenditure Locally	479.1	533.6	602.9	481.3	550.1	612.6	654.7	667.2	708.4	765.1	846.4

4.8 GROSS DOMESTIC FIXED CAPITAL FORMATION

Million Dollars

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978*
At Current Market Prices											
TOTAL	996.8	1,325.7	1,888.5	2,473.4	3,054.3	3,561.1	4,694.8	4,698.4	5,149.1	5,259.1	5,860.9
Construction and Works	492.5	568.4	777.9	1,014.0	1,380.7	1,478.3	1,951.3	2,120.6	2,375.5	2,335.8	2,254.1
Residential Buildings	273.5	298.4	363.6	460.3	659.8	814.1	1,043.6	1,051.4	1,180.1	1,185.3	994.4
Non-Residential Buildings	116.7	145.9	244.1	387.3	483.9	455.7	602.9	648.7	679.1	661.7	732.2
Other Construction and Works	102.3	124.1	170.2	166.4	237.0	208.5	304.8	420.5	516.3	488.8	527.5
Transport Equipment	148.7	190.7	208.4	426.3	444.2	684.3	894.4	733.5	1,034.7	1,269.3	1,521.0
Machinery and Equipment	355.6	566.6	902.2	1,033.1	1,229.4	1,398.5	1,849.1	1,844.3	1,738.9	1,654.0	2,085.8
At 1968 Market Prices											
TOTAL	996.8	1,285.9	1,712.0	2,101.8	2,411.3	2,614.5	2,884.1	2,766.3	2,908.6	2,945.8	3,235.3
Construction and Works	492.5	558.4	688.4	802.2	932.9	865.0	879.8	1,002.0	1,101.2	1,084.5	1,020.2
Residential Buildings	273.5	293.1	321.8	364.2	445.8	476.4	470.5	496.8	547.1	563.6	461.1
Non-Residential Buildings	116.7	143.3	216.0	306.4	327.0	266.6	271.9	306.3	314.7	299.6	324.9
Other Construction and Works	102.3	122.0	150.6	131.6	160.1	122.0	137.4	198.9	239.4	221.3	234.2
Transport Equipment	148.7	183.2	192.1	379.6	392.4	592.5	673.0	516.2	704.3	833.1	957.1
Machinery and Equipment	355.6	544.3	831.5	920.0	1,086.0	1,157.0	1,331.3	1,248.1	1,103.1	1,028.2	1,258.0

4.9 BALANCE OF PAYMENTS

Million Dollars

	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978*
A Goods and Services (net)	-546.2	-1,727.2	-2,169.9	-1,444.7	-1,394.8	-2,604.4	-1,340.5	-1,623.8	-1,042.6	-1,620.7
Exports of Goods & Services	5,952.5	6,132.3	6,908.6	8,840.9	12,366.5	19,138.4	19,239.8	22,475.8	26,376.9	29,906.5
Merchandise incl nonmonetary gold	4,470.5	4,428.3	5,075.0	5,738.9	8,418.4	13,444.6	12,050.4	15,288.3	18,843.9	21,697.3
Freight & insurance	29.0	34.5	35.4	86.1	126.2	201.2	292.0	404.8	847.0	979.9
Travel	225.1	279.9	333.6	423.7	573.1	735.1	791.7	891.2	993.0	1,190.4
Investment income	170.8	203.4	254.0	266.9	336.4	442.0	500.6	514.1	667.4	878.1
Government nie	415.9	416.6	369.0	180.5	207.2	210.8	180.8	95.7	100.0	100.6
Other transportation & services nie	641.2	769.6	841.6	2,144.8	2,705.2	4,104.7	5,424.3	5,281.7	4,925.6	5,060.2
Imports of Goods & Services	6,498.7	7,859.5	9,078.5	10,285.6	13,761.3	21,742.8	20,580.3	24,099.6	27,419.5	31,527.2
Merchandise incl nonmonetary gold	5,862.7	7,047.7	8,090.5	8,838.7	11,680.9	18,964.7	17,707.1	20,756.0	23,602.6	27,210.3
Freight & insurance	377.5	466.3	541.4	528.1	681.8	1,146.6	1,228.9	1,319.7	1,518.4	1,773.0
Travel	28.8	31.9	34.7	76.5	87.8	101.4	117.0	141.7	199.7	218.5
Investment income	59.3	89.4	92.9	361.0	727.9	902.1	699.1	860.9	932.2	1,051.7
Government nie	8.5	11.9	10.5	9.7	11.4	12.2	15.6	18.3	23.2	19.6
Other transportation & services nie	161.9	212.3	308.5	471.6	571.5	615.8	812.6	1,003.0	1,143.4	1,254.1
Trade Balance	-1,392.2	-2,619.4	-3,015.5	-3,099.8	-3,262.5	-5,520.1	-5,656.7	-5,467.7	-4,758.7	-5,513.0
Balance of Services	846.0	892.2	845.6	1,655.1	1,867.7	2,915.7	4,316.2	3,843.9	3,716.1	3,892.3
B Transfer Payments (net)	-39.1	-23.6	-35.5	6.4	-10.1	-95.1	-92.3	-121.1	-108.3	-69.4
Private	-50.0	-63.5	-70.8	-6.1	-34.0	-99.3	-91.4	-113.0	-99.5	-62.2
Government	10.9	39.9	35.3	12.5	23.9	4.2	-0.9	-8.1	-8.8	-7.2
Current Account Balance	-585.3	-1,750.8	-2,205.4	-1,438.3	-1,404.9	-2,699.5	-1,432.8	-1,744.9	-1,150.9	-1,690.1
C Capital (net)	49.2	532.6	878.7	1,112.3	1,772.1	1,217.6	1,374.4	2,097.7	1,500.2	1,378.7
Nonmonetary Sector (net)	224.6	429.1	482.0	749.9	1,179.6	1,638.3	1,586.2	1,892.0	1,289.3	698.2
Private	196.0	349.9	406.5	562.7	1,153.0	1,637.2	1,565.3	1,791.3	989.8	690.2
Official	28.6	79.2	75.5	187.2	26.6	1.1	20.9	100.7	299.5	8.0
Monetary Sector (net)	-175.4	103.5	396.7	362.4	592.5	-420.7	-211.8	205.7	210.9	680.5
Commercial banks:										
foreign assets 1/	-121.3	-13.8	-210.2	-212.2	-450.5	-385.5	-464.1	-855.2	-636.0	-796.0
foreign liabilities	-54.1	117.3	606.9	575.1	1,043.0	-35.2	252.3	1,060.9	846.9	1,476.5
D Balancing Item	828.5	1,783.0	2,301.5	1,271.0	638.0	2,200.3	1,024.8	384.6	414.0	1,758.8
E Overall Balance (A+B+C+D)	292.4	564.8	974.8	945.0	1,005.2	718.4	966.4	737.4	763.3	1,447.4
F Reserves (net) 1/	-292.4	-564.8	-974.8	-945.0	-1,005.2	-718.4	-966.4	-737.4	-763.3	-1,447.4
IMF Accounts	-	-	-5.3	-	-	-	-	-	-	-10.8
Monetary Authorities 2/	-103.7	-148.3	-770.6	-794.9	-740.5	-946.8	-1,560.7	-2,088.2	-1,283.2	-1,436.6
Government	-188.7	-416.5	-198.9	-150.1	-264.7	228.4	594.3	1,350.8	519.9	-

1/ Increase in assets is indicated by a minus (-) sign.

2/ From 1971, figures include foreign assets of the Monetary Authority of Singapore.

5. AGRICULTURE, LIVESTOCK AND FISHERIES

General

The agriculture sector of Singapore is engaged mainly in the production of vegetables, pig, poultry, eggs and fish. It is estimated that about 16.7% of Singapore's total land area are used for agricultural purposes. Most of the agricultural establishments are engaged in mixed farming where cultivation of vegetables is carried out together with rearing of livestock.

Horticulture

The majority of our horticultural farms are engaged in vegetable production. The main vegetables grown include leafy vegetables such as choy sam, kailan and kangkong and fruit vegetables such as brinjals, cucumbers and long beans. Root crops such as tapioca and sweet potatoes are also produced in small quantities. Local farms supply some 23% of the total vegetable consumption. Many farms also plant fruit trees both for shade and for production. Singapore is world renowned for her export of good quality orchids.

Livestock

Pig, poultry and egg production are the most important farming activities in Singapore which account for more than three-quarters of the total ex-farm value of primary production. Singapore is self-sufficient in fresh pork and eggs. About 78% of the poultry meat consumption are also produced by local farms. Furthermore, Singapore is also the main distribution centre of day-old chicks in the region, exporting about \$6 million worth of them in 1978.

Livestock are slaughtered at the abattoirs in Jurong and Kim Chuan Road under the close supervision of the Veterinary Division of the Primary Production Department.

Fisheries

Traditionally, Singapore depends on her neighbouring countries for fish supply. Local production remained rather stable in the past few years. Of 62,068 tonnes of fish consumed in 1978, 16,172 tonnes were produced locally and the rest were imported mainly from Malaysia. Local production

of fish comes from inshore and offshore catches. Fishing around Singapore waters normally using non-powered boats powered with out-board engines, is classified as inshore fishing and the bulk of such catches are from kelongs, drift nets and beach seines. Offshore fishing is mainly carried out in the South China Sea and parts of the Indian Ocean. The most commonly used offshore fishing gear are otter trawls and bottom long lines for demersal fish and troll lines for pelagic fish.

Auctioning of fish is carried out mainly at the Jurong Fishing Port. A relatively small quantity of local landings are auctioned at the Kangkar Fish Market and Bedok Fisheries Centre.

Besides food fish Singapore is also well-known for her aquarium fish production. The value of aquarium fish exported in 1978 reached \$32.4 million.

Year	Value of fish exports (S\$ million)	Value of fish imports (S\$ million)	Value of fish re-exports (S\$ million)	Value of fish total (S\$ million)	Value of fish total (S\$ million)
1970	10.0	0.0	0.0	10.0	10.0
1971	10.0	0.0	0.0	10.0	10.0
1972	10.0	0.0	0.0	10.0	10.0
1973	10.0	0.0	0.0	10.0	10.0
1974	10.0	0.0	0.0	10.0	10.0
1975	10.0	0.0	0.0	10.0	10.0
1976	10.0	0.0	0.0	10.0	10.0
1977	10.0	0.0	0.0	10.0	10.0
1978	10.0	0.0	0.0	10.0	10.0
1979	10.0	0.0	0.0	10.0	10.0
1980	10.0	0.0	0.0	10.0	10.0
1981	10.0	0.0	0.0	10.0	10.0
1982	10.0	0.0	0.0	10.0	10.0
1983	10.0	0.0	0.0	10.0	10.0
1984	10.0	0.0	0.0	10.0	10.0
1985	10.0	0.0	0.0	10.0	10.0
1986	10.0	0.0	0.0	10.0	10.0
1987	10.0	0.0	0.0	10.0	10.0
1988	10.0	0.0	0.0	10.0	10.0
1989	10.0	0.0	0.0	10.0	10.0
1990	10.0	0.0	0.0	10.0	10.0
1991	10.0	0.0	0.0	10.0	10.0
1992	10.0	0.0	0.0	10.0	10.0
1993	10.0	0.0	0.0	10.0	10.0
1994	10.0	0.0	0.0	10.0	10.0
1995	10.0	0.0	0.0	10.0	10.0
1996	10.0	0.0	0.0	10.0	10.0
1997	10.0	0.0	0.0	10.0	10.0
1998	10.0	0.0	0.0	10.0	10.0
1999	10.0	0.0	0.0	10.0	10.0
2000	10.0	0.0	0.0	10.0	10.0
2001	10.0	0.0	0.0	10.0	10.0
2002	10.0	0.0	0.0	10.0	10.0
2003	10.0	0.0	0.0	10.0	10.0
2004	10.0	0.0	0.0	10.0	10.0
2005	10.0	0.0	0.0	10.0	10.0
2006	10.0	0.0	0.0	10.0	10.0
2007	10.0	0.0	0.0	10.0	10.0
2008	10.0	0.0	0.0	10.0	10.0
2009	10.0	0.0	0.0	10.0	10.0
2010	10.0	0.0	0.0	10.0	10.0
2011	10.0	0.0	0.0	10.0	10.0
2012	10.0	0.0	0.0	10.0	10.0
2013	10.0	0.0	0.0	10.0	10.0
2014	10.0	0.0	0.0	10.0	10.0
2015	10.0	0.0	0.0	10.0	10.0
2016	10.0	0.0	0.0	10.0	10.0
2017	10.0	0.0	0.0	10.0	10.0
2018	10.0	0.0	0.0	10.0	10.0
2019	10.0	0.0	0.0	10.0	10.0
2020	10.0	0.0	0.0	10.0	10.0
2021	10.0	0.0	0.0	10.0	10.0
2022	10.0	0.0	0.0	10.0	10.0
2023	10.0	0.0	0.0	10.0	10.0
2024	10.0	0.0	0.0	10.0	10.0
2025	10.0	0.0	0.0	10.0	10.0
2026	10.0	0.0	0.0	10.0	10.0
2027	10.0	0.0	0.0	10.0	10.0
2028	10.0	0.0	0.0	10.0	10.0
2029	10.0	0.0	0.0	10.0	10.0
2030	10.0	0.0	0.0	10.0	10.0

5.1 PRODUCTION OF PRINCIPAL CROPS

Year	Vegetables	Fruits	Rubber	Tobacco	Coconuts
	Tonnes				Million Nuts
1968	40,640	19,050	1,761	508	11
1969	40,640	19,560	1,347	342	11
1970	42,164	19,015	999	490	11
1971	70,360	17,820	1,065	500	10
1972	73,710	18,140	949	317	10
1973	55,950	18,400	942	417	9
1974	39,480	14,645	274	376	7
1975	38,285	14,629	66	311	7
1976	38,339	19,120	52	407	7
1977	36,460	16,253	45	576	7
1978	40,665	11,060	-	596	6

Source: Department of Primary Production

5.2 LIVESTOCK SLAUGHTERED

Year	Number				
	Swine	Sheep	Oxen	Buffaloes	Goats
1968	400,504	93,658	8,913	3,500	1,723
1969	494,611	109,573	9,489	3,401	3,769
1970	557,174	116,119	8,958	3,873	2,854
1971	590,193	124,788	7,408	5,223	2,534
1972	686,670	133,793	7,799	3,752	2,261
1973	628,738	80,581	1,255	519	2,257
1974	581,263	74,844	896	88	1,798
1975	586,177	90,712	1,433	222	1,424
1976	737,777	110,276	1,928	200	1,179
1977	822,381	103,804	2,085	78	1,160
1978	805,341	88,874	2,064	125	715

Source: Department of Primary Production

5.3 FRESH FISH SUPPLY

Year	Tonnes				
	Local Production	Imports	Exports	Total Availability	Fish Auctioned
1968	17,314	43,936	2,352	58,898	10,159
1969	12,917	42,622	1,805	53,734	43,704
1970	16,039	50,062	5,050	61,051	60,671
1971	14,295	53,887	3,542	64,640	62,324
1972	14,797	53,565	5,929	62,433	61,855
1973	17,950	57,656	6,036	69,570	65,593
1974	18,556	51,057	6,170	63,443	64,200
1975	16,928	50,559	7,877	59,610	65,803
1976	15,775	53,286	8,310	60,751	65,976
1977	14,350	69,729	24,629	59,450	67,478
1978	15,634	68,781	30,398	54,017	66,883

Source: Department of Primary Production

5.4 FISHING VESSELS LICENSED

(End of period)

(End of period)					Number
Year	Fishing Vessels				Licensed Fishermen
	Total	Non-Powered	Powered		
			Inboard	Outboard	
1968	1,616	890	252	474	3,902
1969	912	347	258	307	1,348
1970	932	361	273	298	1,919
1971	794	221	284	289	2,209
1972	776	241	258	277	2,265
1973	816	287	245	284	2,277
1974	769	260	240	269	2,194
1975	737	238	236	263	2,059
1976	709	216	228	265	1,986
1977	736	197	250	289	2,078
1978	719	173	243	303	2,084

Source: Department of Primary Production

6. INDUSTRIAL PRODUCTION

Census of Industrial Production

A Census of manufacturing establishments employing ten or more workers in the private and public sectors is conducted annually by the Department of Statistics. The establishments covered account for over 95 per cent of all industrial activities. The results provide comprehensive data for the study of changes in structure and trends of growth of the industrial sector.

The statistical unit used in the census is the establishment, defined as a manufacturing unit engaged in one industrial activity and generally at one location. Establishments are classified in accordance with the Singapore Standard Industrial Classification of All Economic Activities 1969 which is adapted from the International Standard Industrial Classification of All Economic Activities of the United Nations.

The main terms used in the annual census of industrial production are defined as follows:

Workers: They include all persons engaged directly or indirectly in the industrial activity of the establishment, that is, all employees,

working proprietors, and unpaid family workers. Data generally refer to number as at 30 June, except where establishments commenced operation after June.

Employees: They include (i) all workmen whether skilled, semi-skilled and unskilled, employed directly in the process of production, and (ii) other workers who are paid personnel employed indirectly in the production process and include working directors, managers, supervisors, and technical and clerical staff.

Working proprietors and unpaid family workers: This group includes proprietors and business partners actively engaged in the operation of the establishment and their relatives working in the establishment without regular remuneration.

Input: Value of input covers cost of materials, electricity, water, fuel (excluding fuel for vehicles) and inward transport charges.

Output: Value of output refers to the total value of all commodities and services produced at ex-factory prices.

Value Added: Value added is estimated as the value of output less that of total input (including the value of work given out).

Quarterly Index of Production

The Quarterly Index of Production of manufacturing establishments was rebased in 1976, using the weighting pattern derived from the 1974 Census of Industrial Production. Production data for the

four quarters of 1974 were collected and the average was used as a comparison base for the series. The formula used for the compilation of the index is the Laspeyres formula.

The Quarterly Index of Production covers all manufacturing activities classified under Division 3 of the Singapore Standard Classification of All Economic Activities, 1969. Granite quarrying, production of electricity and gas, and construction activity are not covered by the index.

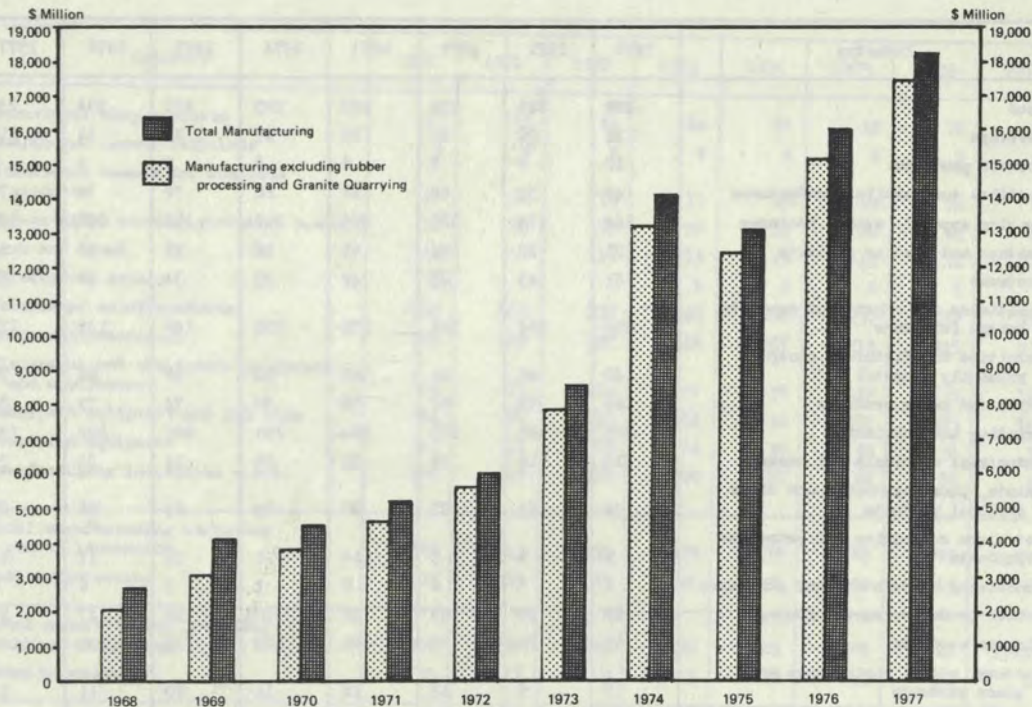
6.1 PRINCIPAL STATISTICS OF INDUSTRIAL PRODUCTION

Year	Establishments	Workers	Input	Output	Value Added	Employees' Remuneration	Capital Expenditure	Direct Exports
	Number		\$ Million					
1968 ¹	1,626	80,533	2,138.3	2,806.2	648.9	225.9	95.5	1,013.5
1969	1,758	107,235	3,349.2	4,290.8	914.6	337.5	218.6	1,971.2
1970	1,790	126,361	3,436.5	4,627.2	1,140.9	415.2	425.3	2,044.0
1971	1,855	146,352	3,790.8	5,288.8	1,420.3	521.5	466.1	2,362.3
1972	1,971	175,241	4,230.0	6,126.7	1,820.5	666.2	652.0	2,911.2
1973	2,117	202,713	5,967.3	8,705.6	2,606.2	881.3	791.7	4,778.8
1974	2,219	210,002	10,453.2	14,237.0	3,596.8	1,096.2	626.3	8,520.1
1975	2,424	195,001	9,479.2	13,197.4	3,463.8	1,200.9	629.9	7,609.9
1976	2,545	210,822	11,815.9	16,175.0	4,041.1	1,332.6	631.1	10,160.5
1977	2,674	222,342	13,430.9	18,293.5	4,539.6	1,494.6	756.3	11,411.5

Year	Input				Output			
	Total	Manufacturing	Rubber Processing	Granite Quarrying	Total	Manufacturing	Rubber Processing	Granite Quarrying
	\$ Million							
1968 ¹	2,138.3	1,544.9	592.1	1.2	2,806.2	2,175.7	619.4	11.1
1969	3,349.2	2,330.4	1,017.5	1.3	4,290.8	3,213.9	1,064.9	12.0
1970	3,436.5	2,747.9	687.0	1.5	4,627.2	3,891.0	722.2	14.0
1971	3,790.8	3,255.9	532.9	2.1	5,288.8	4,699.2	571.0	18.5
1972	4,230.0	3,864.2	363.6	2.2	6,126.7	5,722.2	385.9	18.6
1973	5,967.3	5,266.8	698.4	2.1	8,705.6	7,938.1	748.6	18.9
1974	10,453.2	9,633.7	817.0	2.5	14,237.0	13,346.9	867.9	22.2
1975	9,479.2	8,948.9	527.0	3.3	13,197.4	12,610.1	555.2	32.1
1976	11,815.9	11,043.1	768.2	4.5	16,175.0	15,317.4	814.0	43.6
1977	13,430.9	12,721.9	705.8	3.2	18,293.5	17,518.2	744.1	31.1

¹ Data do not include petroleum blending which was not treated as industrial activity in 1968.

INDUSTRIAL PRODUCTION – OUTPUT OF MANUFACTURING INDUSTRIES



6.2 NUMBER OF ESTABLISHMENTS ENGAGING IN INDUSTRIAL PRODUCTION BY MAJOR INDUSTRY GROUP

Industrial Code	Industry	Number								
		1970	1971	1972	1973	1974	1975	1976	1977	1978*
311/2	Food	222	225	229	223	225	237	234	232	238
313	Beverage	22	20	20	19	17	15	14	14	14
314	Tobacco products	10	9	8	8	8	9	9	9	8
321	Textiles and textile manufactures	49	53	60	68	68	72	72	70	72
322	Wearing apparel, except footwear	162	174	188	205	222	252	258	300	332
323	Leather and leather products	21	22	24	25	26	29	30	34	36
324	Footwear	41	43	46	42	35	34	38	38	39
331	Sawntimber and other wood products, except furniture	165	162	164	172	155	146	132	125	138
332	Furniture and fixtures, except primarily of metal	40	46	49	47	52	59	64	70	85
341	Paper and paper products	60	59	67	68	70	74	79	80	88
342	Printing and publishing	165	166	178	184	191	207	222	235	250
351	Industrial chemicals and gases	13	16	18	20	18	24	25	23	22
352	Paints, pharmaceuticals and other chemical products	74	73	77	80	79	83	86	86	89
353/4	Petroleum refineries and petroleum products	9	9	9	10	11	11	11	12	11
355	Processing of jelutong and gum damar	6	5	6	8	7	7	6	6	6
356	Rubber products, except footwear	29	29	29	28	28	28	27	25	29
357	Plastic products	57	70	86	101	109	129	139	162	180
361/2	Pottery, china, earthenware and glass products	9	9	12	12	11	10	11	11	12

6.2 NUMBER OF ESTABLISHMENTS ENGAGING IN INDUSTRIAL PRODUCTION BY MAJOR INDUSTRY GROUP (continued)

Industrial Code	Industry	Number								
		1970	1971	1972	1973	1974	1975	1976	1977	1978*
363	Structural clay products	13	13	11	11	11	12	12	12	12
364	Cement and cement additives	4	4	4	4	4	5	7	7	7
365	Structural cement and concrete products	18	18	17	17	19	24	26	26	29
369	Non-metallic mineral products, n.e.o.	10	16	19	20	21	20	21	23	22
371	Iron and steel	14	14	13	15	15	15	14	14	14
372	Non-ferrous metals	4	5	4	6	6	6	5	7	8
381	Fabricated metal products	158	160	172	199	206	230	237	254	278
382	Industrial machinery	102	102	107	144	167	212	245	238	275
383	Electrical and electronic equipment and appliances	64	79	94	107	138	149	173	196	212
384	Transport equipment and oil rigs	84	90	98	112	133	158	183	199	224
385	Precision equipment	17	17	19	24	30	32	36	36	38
390	Manufacturing industries n.e.c.	105	105	103	100	97	96	89	94	104
	Total manufacturing excluding rubber processing	1,747	1,813	1,931	2,079	2,179	2,385	2,505	2,638	2,872
	Rubber processing	27	25	23	21	22	20	19	17	17
	Total manufacturing including rubber processing	1,774	1,838	1,954	2,100	2,201	2,405	2,524	2,655	2,889
	Granite quarrying	16	17	17	17	18	19	21	19	17
	TOTAL	1,790	1,855	1,971	2,117	2,219	2,424	2,545	2,674	2,906

6.3 OUTPUT OF INDUSTRIAL PRODUCTION BY MAJOR INDUSTRY GROUP

Million Dollars

Industrial Code	Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978*
311/2	Food	551.4	577.6	552.0	714.9	930.2	843.5	938.0	1,219.0	1,322.3
313	Beverage	66.4	70.1	73.3	80.5	97.8	130.5	150.7	168.3	221.8
314	Tobacco products	97.6	94.0	102.7	129.8	142.7	144.5	153.6	166.4	182.1
321	Textiles and textile manufactures	84.4	128.5	192.9	313.8	292.4	259.7	359.9	346.8	345.4
322	Wearing apparel, except footwear	86.0	122.6	206.7	289.3	269.1	286.1	406.5	480.2	594.3
323	Leather and leather products	14.7	13.7	16.7	27.9	25.6	22.0	31.1	44.2	39.8
324	Footwear	17.9	23.7	25.9	23.7	27.2	30.3	33.9	30.8	29.0
331	Sawntimber and other wood products, except furniture	186.5	199.0	261.0	466.2	357.3	311.3	421.9	434.9	514.3
332	Furniture and fixtures, except primarily of metal	24.0	29.6	29.0	38.4	45.2	48.9	61.5	78.1	126.9
341	Paper and paper products	37.8	44.4	60.6	84.9	103.6	96.8	114.8	127.3	152.4
342	Printing and publishing	98.3	117.3	143.2	168.3	221.2	225.2	290.2	335.3	407.5
351	Industrial chemicals and gases	34.9	45.6	64.8	92.8	155.9	142.9	195.8	210.2	156.3
352	Paints, pharmaceuticals and other chemical products	77.7	88.1	100.4	184.3	236.7	274.8	311.9	344.9	432.9
353/4	Petroleum refineries and petroleum products	1,221.8	1,553.5	1,680.2	1,967.9	5,705.5	4,753.3	6,118.8	7,022.4	7,373.5
355	Processing of jelutong and gum damar	14.6	12.9	13.1	17.6	22.6	20.2	16.4	21.0	21.4
356	Rubber products, except footwear	39.5	44.2	43.2	48.0	54.6	54.3	57.8	62.0	73.1
357	Plastic products	35.2	49.6	68.3	124.0	146.4	131.9	173.3	219.5	281.1
361/2	Pottery, china, earthenware and glass products	17.9	14.2	15.9	22.6	30.0	28.3	35.6	40.0	58.6

6.3 OUTPUT OF INDUSTRIAL PRODUCTION BY MAJOR INDUSTRY GROUP (continued)

Million Dollars

Industrial Code	Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978*
363	Structural clay products	8.4	11.2	13.2	17.2	21.8	16.2	20.2	20.4	19.1
364	Cement and cement additives	36.0	41.5	58.8	75.9	128.0	158.0	163.6	168.7	189.8
365	Structural cement and concrete products	11.1	12.8	14.4	22.1	32.7	58.2	64.4	65.3	73.2
369	Non-metallic mineral products, n.e.c.	16.5	33.6	30.9	58.0	79.0	88.4	85.0	99.2	124.5
371	Iron and steel	50.5	57.0	73.3	104.7	173.5	145.2	149.4	142.8	183.4
372	Non-ferrous metals	25.0	22.0	21.1	33.4	49.4	41.3	33.8	53.7	50.0
381	Fabricated metal products	218.0	222.5	245.4	323.7	430.2	489.1	478.1	569.4	691.9
382	Industrial machinery	74.6	88.0	128.1	208.2	552.7	651.5	602.5	706.2	915.4
383	Electrical and electronic equipment and appliances	283.0	400.9	740.8	1,253.5	1,599.6	1,486.5	2,129.3	2,503.1	2,886.3
384	Transport equipment and oil rigs	330.0	429.9	553.5	768.2	1,142.3	1,337.2	1,349.5	1,452.3	1,680.6
385	Precision equipment	12.5	25.6	69.2	128.3	115.9	182.3	193.2	183.8	192.5
390	Manufacturing industries n.e.c.	118.9	125.5	123.6	150.2	157.7	151.7	176.6	202.2	237.3
	Total manufacturing excluding rubber processing	3,891.0	4,699.2	5,722.2	7,938.1	13,346.9	12,610.1	15,317.4	17,518.2	19,576.7
	Rubber processing	722.2	571.0	385.9	748.6	867.9	555.2	814.0	744.1	682.6
	Total manufacturing including rubber processing	4,613.2	5,270.3	6,108.1	8,686.7	14,214.8	13,165.3	16,131.4	18,262.4	20,259.3
	Granite quarrying	14.0	18.5	18.6	18.9	22.2	32.1	43.6	31.1	24.3
	TOTAL	4,627.2	5,288.8	6,126.7	8,705.6	14,237.0	13,197.4	16,175.0	18,293.5	20,283.6

6.4 VALUE ADDED OF INDUSTRIAL PRODUCTION BY MAJOR INDUSTRY GROUP

Million Dollars

Industrial Code	Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978*
311/2	Food	76.4	92.1	103.4	128.9	147.2	149.7	157.5	198.8	227.0
313	Beverage	34.9	35.1	33.0	38.6	45.7	57.2	66.9	69.2	97.3
314	Tobacco products	24.8	24.7	25.8	30.8	41.9	34.7	34.7	37.0	45.4
321	Textiles and textile manufactures	23.5	40.3	64.9	121.7	85.9	78.6	117.2	108.9	109.2
322	Wearing apparel, except footwear	23.8	34.9	59.5	82.4	78.9	92.2	136.0	156.8	193.7
323	Leather and leather products	2.6	2.8	3.5	5.1	5.8	4.6	9.0	12.7	10.0
324	Footwear	6.4	8.5	10.3	8.5	9.2	11.6	11.5	10.9	10.3
331	Sawtimber and other wood products, except furniture	60.5	66.3	78.1	140.2	97.1	80.7	129.0	140.0	173.6
332	Furniture and fixtures, except primarily of metal	10.7	12.4	12.0	15.3	19.3	21.5	26.8	31.1	49.6
341	Paper and paper products	12.5	14.8	21.1	31.9	36.4	31.8	39.9	45.8	55.8
342	Printing and publishing	51.1	62.4	83.4	92.7	120.8	124.9	145.9	171.9	211.1
351	Industrial chemicals and gases	16.0	21.2	30.7	48.2	44.5	42.9	49.0	55.9	57.4
352	Paints, pharmaceuticals and other chemical products	33.5	36.9	44.0	88.6	117.5	137.4	154.6	172.5	216.9
353/4	Petroleum refineries and petroleum products	210.3	281.0	280.6	362.3	864.6	605.0	698.5	774.2	802.2
355	Processing of jelutong and gum damar	1.6	1.7	1.4	2.1	2.1	2.5	2.1	1.9	1.5
356	Rubber products, except footwear	18.9	23.2	22.0	22.8	23.1	24.8	26.4	27.3	31.0
357	Plastic products	11.6	18.7	28.1	43.5	46.6	42.6	52.2	74.6	82.2
361/2	Pottery, china, earthenware and glass products	9.9	7.7	8.0	11.0	13.6	11.8	13.3	16.9	26.3

6.4 VALUE ADDED OF INDUSTRIAL PRODUCTION BY MAJOR INDUSTRY GROUP (continued)

Million Dollars

Industrial Code	Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978*
363	Structural clay products	6.0	8.5	9.7	12.7	14.8	10.0	12.4	12.9	12.7
364	Cement and cement additives	7.6	7.5	13.2	22.7	30.8	45.3	49.6	46.9	47.8
365	Structural cement and concrete products	3.5	4.1	4.8	7.4	11.7	18.9	19.6	24.7	27.8
369	Non-metallic mineral products, n.e.c.	6.3	16.4	14.1	29.4	35.5	37.0	38.7	43.7	54.4
371	Iron and steel	17.1	15.8	27.0	52.4	99.1	50.1	53.1	65.6	91.2
372	Non-ferrous metals	5.1	5.8	5.1	11.4	12.8	11.2	7.2	13.4	11.8
381	Fabricated metal products	71.9	73.0	87.6	119.3	145.8	168.0	169.3	203.2	246.8
382	Industrial machinery	28.3	33.1	48.2	83.0	269.2	299.2	292.1	354.4	439.2
383	Electrical and electronic equipment and appliances	127.4	174.5	338.3	489.1	501.7	471.4	684.3	757.3	841.4
384	Transport equipment and oil rigs	159.4	203.9	269.7	359.4	534.8	620.1	628.1	700.2	737.7
385	Precision equipment	3.5	5.8	22.6	48.3	35.7	87.8	88.9	93.6	97.0
390	Manufacturing industries n.e.c.	28.9	33.3	32.0	31.0	36.1	37.6	47.7	53.1	58.5
	Total manufacturing excluding rubber processing	1,093.7	1,366.5	1,782.3	2,540.6	3,528.2	3,411.1	3,961.8	4,475.5	5,066.8
	Rubber processing	35.0	38.0	22.3	50.2	50.9	27.9	45.6	38.1	35.0
	Total manufacturing including rubber processing	1,128.8	1,404.6	1,804.5	2,590.8	3,579.1	3,439.0	4,007.4	4,513.6	5,101.8
	Granite quarrying	12.1	15.7	16.0	15.4	17.7	24.8	33.7	26.0	19.4
	TOTAL	1,140.9	1,420.3	1,820.5	2,606.2	3,596.8	3,463.8	4,041.1	4,539.6	5,121.2

6.5 WORKERS ENGAGED IN INDUSTRIAL PRODUCTION BY MAJOR INDUSTRY GROUP

Industrial Code	Industry	Number								
		1970	1971	1972	1973	1974	1975	1976	1977	1978*
311/2	Food	9,062	9,705	9,898	9,416	9,282	8,725	8,567	9,200	9,614
313	Beverage	2,348	2,354	2,549	2,715	2,665	2,640	2,639	2,506	2,544
314	Tobacco products	1,048	1,014	1,105	1,188	1,137	1,301	1,179	1,225	1,217
321	Textiles and textile manufactures	7,051	8,850	12,415	14,103	12,181	11,380	11,620	10,537	10,762
322	Wearing apparel, except footwear	9,987	13,389	18,124	20,909	18,559	17,966	20,690	23,276	25,894
323	Leather and leather products	713	746	761	709	702	863	968	1,223	1,218
324	Footwear	2,005	2,191	2,389	1,964	1,855	1,901	1,738	1,471	1,456
331	Sawntimber and other wood products, except furniture	9,200	10,794	12,247	13,113	11,974	9,420	8,769	8,828	9,519
332	Furniture and fixtures, except primarily of metal	1,795	2,068	2,091	2,361	2,642	2,640	2,950	3,433	4,544
341	Paper and paper products	2,563	2,698	3,061	3,409	3,334	3,366	3,617	3,604	3,958
342	Printing and publishing	7,015	7,328	7,587	7,734	8,281	8,511	9,082	9,808	10,696
351	Industrial chemicals and gases	814	1,034	1,206	1,304	1,314	1,450	1,408	1,366	1,490
352	Paints, pharmaceuticals and other chemical products	3,059	3,027	2,986	3,474	3,408	3,574	3,484	3,762	3,990
353/4	Petroleum refineries and petroleum products	2,199	2,526	2,659	3,064	3,103	3,331	3,167	3,094	3,143
355	Processing of jelutong and gum damar	243	222	246	262	222	205	164	158	159
356	Rubber products, except footwear	1,635	1,702	1,697	1,603	1,510	1,462	1,479	1,455	1,631
357	Plastic products	2,186	2,987	3,951	4,771	4,662	4,969	5,475	6,493	7,496
361/2	Pottery, china, earthenware and glass products	1,795	977	1,020	990	1,020	684	723	763	871

6.5 WORKERS ENGAGED IN INDUSTRIAL PRODUCTION BY MAJOR INDUSTRY GROUP (continued)

Industrial Code	Industry	Number								
		1970	1971	1972	1973	1974	1975	1976	1977	1978*
363	Structural clay products	1,179	1,005	1,050	1,043	943	815	901	830	808
364	Cement and cement additives	428	437	453	483	511	581	605	566	571
365	Structural cement and concrete products	597	557	560	681	716	1,185	1,125	1,149	1,254
369	Non-metallic mineral products, n.e.c.	839	1,202	1,281	1,442	1,745	1,700	1,735	1,454	1,562
371	Iron and steel	1,078	1,254	1,306	1,375	1,525	1,410	1,359	1,369	1,410
372	Non-ferrous metals	414	548	389	526	558	445	139	516	480
381	Fabricated metal products	8,691	9,113	9,702	10,232	10,748	10,975	11,533	12,253	13,334
382	Industrial machinery	3,809	4,455	5,348	7,795	11,780	13,682	15,448	15,277	17,867
383	Electrical and electronic equipment and appliances	13,586	18,749	31,483	44,427	48,910	34,556	47,060	52,180	57,156
384	Transport equipment and oil rigs	16,213	20,443	22,546	25,462	28,437	30,421	27,697	28,218	28,834
385	Precision equipment	886	1,288	3,179	6,502	8,090	6,941	7,382	7,889	7,940
390	Manufacturing industries n.e.c.	8,071	7,889	7,063	5,517	4,253	4,429	4,531	5,209	5,275
	Total manufacturing excluding rubber processing	120,509	140,552	170,352	198,574	206,067	191,528	207,234	219,112	236,693
	Rubber processing	4,612	4,520	3,698	3,239	3,147	2,730	2,641	2,428	2,342
	Total manufacturing including rubber processing	125,121	145,072	174,050	201,813	209,214	194,258	209,875	221,540	239,035
	Granite quarrying	1,240	1,280	1,191	900	788	743	947	802	656
	TOTAL	126,361	146,352	175,241	202,713	210,002	195,001	210,822	222,342	239,691

6.6 REMUNERATION OF EMPLOYEES ENGAGED IN INDUSTRIAL PRODUCTION BY MAJOR INDUSTRY GROUP

Million Dollars

Industrial Code	Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978*
311/2	Food	25.2	30.0	33.4	38.6	45.2	47.9	51.8	58.2	64.8
313	Beverage	10.0	11.1	12.5	14.6	18.6	22.3	22.9	24.3	25.6
314	Tobacco products	3.9	4.0	5.1	7.2	8.7	8.8	9.5	10.5	11.1
321	Textiles and textile manufacturers	13.7	19.7	31.2	44.2	48.0	47.8	56.0	52.7	55.7
322	Wearing apparel, except footwear	15.9	22.2	33.8	48.5	50.6	53.8	69.9	87.0	105.2
323	Leather and leather products	1.3	1.4	1.6	2.0	2.5	3.1	4.0	5.1	5.4
324	Footwear	3.6	4.4	5.3	5.2	6.7	7.1	7.9	6.4	6.8
331	Sawtimber and other wood products, except furniture	28.9	32.6	38.9	51.2	50.9	48.1	48.8	55.5	62.5
332	Furniture and fixtures, except primarily of metal	5.6	6.7	7.6	8.6	11.9	12.8	14.8	16.8	23.7
341	Paper and paper products	4.1	5.1	6.7	9.7	12.1	13.9	16.0	17.6	20.6
342	Printing and publishing	25.2	28.8	31.5	36.5	45.9	54.1	61.7	70.1	85.7
351	Industrial chemicals and gases	4.4	6.1	8.1	9.4	11.1	12.4	12.9	13.6	16.0
352	Paints, pharmaceuticals and other chemical products	9.6	10.7	12.6	18.2	22.0	25.7	30.0	35.1	39.1
353/4	Petroleum refineries and petroleum products	32.9	42.2	44.6	53.9	60.6	66.1	67.2	67.0	72.6
355	Processing of jelutong and gum damar	0.7	0.7	0.8	1.1	1.1	1.1	1.0	1.1	1.2
356	Rubber products, except footwear	5.5	6.6	7.5	8.3	9.2	9.7	9.9	10.8	12.8
357	Plastic products	4.2	6.5	10.2	14.7	18.2	21.1	24.8	31.1	38.8
361/2	Pottery, china, earthenware and glass products	5.7	4.6	5.4	6.1	6.8	6.1	6.5	6.7	7.6

6.6 REMUNERATION OF EMPLOYEES ENGAGED IN INDUSTRIAL PRODUCTION BY MAJOR INDUSTRY GROUP (continued)

Million Dollars

Industrial Code	Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978*
363	Structural clay products	3.1	3.5	3.8	4.5	5.1	5.2	5.4	5.1	5.3
364	Cement and cement additives	1.7	1.9	2.3	2.9	3.9	4.9	5.4	5.8	6.0
365	Structural cement and concrete products	1.9	2.2	2.2	3.0	3.9	7.2	6.8	8.5	9.9
369	Non-metallic mineral products, n.e.c.	3.9	5.7	6.7	8.3	10.4	12.4	14.4	11.5	13.4
371	Iron and steel	4.8	6.2	6.9	8.9	11.7	12.4	13.2	13.9	15.3
372	Non-ferrous metals	1.7	2.0	2.1	2.5	3.6	3.7	1.1	4.7	4.7
381	Fabricated metal products	29.7	34.4	37.6	44.4	59.6	67.1	75.7	83.2	97.9
382	Industrial machinery	12.4	14.0	21.8	38.5	70.2	99.3	113.1	124.1	154.9
383	Electrical and electronic equipment and appliances	33.0	56.3	99.3	157.4	198.3	186.8	245.9	286.9	333.0
384	Transport equipment and oil rigs	88.6	112.9	140.2	170.8	225.8	264.0	254.0	292.2	310.6
385	Precision equipment	2.0	4.5	12.8	27.5	37.5	37.5	39.2	41.5	44.1
390	Manufacturing industries n.e.c.	14.7	16.3	16.1	14.8	15.8	18.0	20.3	24.7	27.1
	Total manufacturing excluding rubber processing	397.6	503.2	648.7	861.4	1,075.9	1,180.5	1,309.8	1,471.7	1,677.4
	Rubber processing	12.5	12.2	11.0	14.2	15.0	14.0	15.1	14.2	14.2
	Total manufacturing including rubber processing	410.1	515.4	659.6	875.7	1,090.9	1,194.5	1,324.9	1,485.9	1,691.6
	Granite quarrying	5.1	6.0	6.5	5.6	5.3	6.4	7.7	8.6	7.5
	TOTAL	415.2	521.5	666.2	881.3	1,096.2	1,200.9	1,332.6	1,494.6	1,699.1

6.7 VOLUME OF OUTPUT OF SELECTED MANUFACTURED PRODUCTS

Commodity	Unit	1970	1971	1972	1973	1974	1975	1976	1977
Animal Feed	Metric Tons	313,644	345,093	354,090	408,693	343,013	308,951	239,934	290,724
Soft Drinks	Kilolitres	77,609	88,000	124,074	97,087	107,415	114,301	125,222	143,596
Cooking Oil, Refined	Metric Tons	34,601	36,114	35,995	32,762	31,294	35,315	45,252	50,377
Cigarettes & Cigars	Metric Tons	2,939	2,699	2,901	3,296	3,443	3,331	3,183	3,409
Sawntimber	Thousand Cubic Metres	796	657	728	824	500	381	443	302
Plywood	Thousand Square Metres	34,464	45,592	68,579	109,908	81,727	106,097	117,607	109,397
Newspapers	Thousand Copies	100,400	110,642	124,233	131,314	135,146	144,712	173,355	170,652
Paints	Kilolitres	8,447	10,024	9,869	11,304	12,309	12,082	13,731	18,152
Soap & Detergents	Metric Tons	18,572	21,027	22,325	24,264	21,013	18,503	26,993	24,071
Aviation Kerosene	Thousand Metric Tons	3,071	3,728	4,746	4,085	3,493	3,278	4,165	3,756
Diesel Oil	Thousand Metric Tons	3,442	3,882	4,374	4,567	4,307	3,863	5,046	5,569
Fuel Oil	Thousand Metric Tons	9,492	10,535	13,097	11,213	10,526	8,106	9,127	10,209
Bricks	Thousand Pieces	76,996	79,827	77,436	91,511	96,796	80,673	92,377	85,231
Cement	Thousand Metric Tons	728	802	1,045	1,115	1,181	1,337	1,532	1,550
Air Conditioners	Number	12,244	14,689	18,844	19,716	17,440	16,792	19,315	26,180
Refrigerators	Number	31,365	32,328	40,381	53,737	43,131	45,174	54,021	56,907
Radios	Thousand	1,140	2,389	6,628	7,926	8,988	7,221	10,737	9,726
Television Receivers	Sets	44,684	34,065	83,620	114,263	194,824	397,321	485,712	559,615

6.8 VALUE OF OUTPUT OF SELECTED MANUFACTURED PRODUCTS

Thousand Dollars

Commodity	1970	1971	1972	1973	1974	1975	1976	1977
Animal Feed	96,920	109,836	113,447	163,135	162,166	139,491	111,683	146,756
Soft Drinks	27,143	30,439	34,962	33,692	47,077	61,512	76,051	88,767
Cooking Oil, Refined	36,878	36,308	30,908	52,193	76,085	49,963	62,709	93,382
Cigarettes & Cigars	95,938	92,239	101,119	127,895	140,749	142,407	149,969	161,490
Fabrics	41,434	52,411	65,709	101,322	89,796	106,532	151,095	137,980
Sawntimber	97,235	76,282	101,912	173,576	90,038	67,333	94,172	73,820
Plywood	45,706	61,429	86,930	203,314	163,545	172,210	224,104	234,681
Newspapers	12,179	17,233	17,031	18,424	31,867	28,754	31,483	33,142
Paints	17,378	18,360	23,617	30,576	42,937	42,859	43,528	58,547
Pharmaceutical Products	8,466	10,827	8,424	65,565	92,615	131,301	142,043	155,501
Soap & Detergents	15,037	16,779	18,470	21,634	25,914	24,752	32,421	33,628
Aviation Kerosene	252,265	314,494	408,210	432,234	972,409	932,067	1,263,328	1,186,633
Diesel Oil	222,568	262,540	307,265	405,687	1,048,328	968,225	1,327,804	1,534,594
Fuel Oil	356,292	401,594	505,188	546,746	1,793,979	1,425,521	1,778,396	2,090,293
Bricks	6,564	7,750	8,582	10,631	14,555	12,824	14,896	13,944
Cement	34,861	41,100	58,078	73,431	127,165	153,453	158,646	165,879
Air Conditioners	9,535	9,411	11,984	11,486	10,576	9,918	12,330	16,041
Refrigerators	11,267	12,452	13,694	21,881	20,034	21,865	25,564	31,694
Electronic Components & Equipment	161,627	231,662	447,485	876,611	1,040,677	883,111	1,310,869	1,459,827
Radios	12,697	24,411	118,601	145,905	195,745	201,358	226,852	247,971
Television Receivers	20,351	24,246	25,059	28,240	61,924	105,889	133,379	160,936
Marine Construction & Repairs	239,549	334,820	445,413	605,564	917,867	1,154,042	1,179,171	1,193,256
Marine Engines & Parts	10,611	13,115	18,438	26,161	42,820	47,527	44,415	61,253
Photographic Equipment & Optical Goods	1,585	12,784	40,880	73,878	79,453	120,370	99,218	87,547

6.9 INDEX OF INDUSTRIAL PRODUCTION

Industrial Code	Industry	Weights	1975	1976	1977	1978	1978			
			Annual Average				1st Qr	2nd Qr	3rd Qr	4th Qr
			1974 = 100							
	TOTAL MANUFACTURING EXCLUDING RUBBER PROCESSING	1,000.0	99.1	111.0	121.2	135.3	121.3	130.9	140.4	148.7
311/2	Food	41.7	92.1	99.5	120.4	121.8	126.3	126.3	114.8	119.8
313	Beverage	12.9	106.2	113.6	123.9	148.2	139.1	153.4	157.8	142.5
314	Tobacco products	11.9	95.0	89.7	95.2	95.9	92.5	96.3	96.6	98.2
321	Textiles and textile manufactures	24.3	90.9	118.3	119.2	106.7	116.3	106.7	100.5	103.3
322	Wearing apparel, except footwear	22.4	88.2	98.6	91.8	109.6	97.3	105.9	106.6	128.6
323	Leather and leather products	1.7	97.8	110.4	137.8	101.0	109.4	107.8	93.1	93.5
324	Footwear	2.6	101.1	91.2	65.4	56.2	50.2	54.7	57.9	62.1
331	Sawntimber and other wood products, except furniture	27.5	97.9	105.6	93.5	105.4	91.4	105.1	110.1	115.0
332	Furniture and fixtures, except primarily of metal	5.5	96.0	101.2	119.6	173.8	135.9	163.9	196.0	199.2
341	Paper and paper products	10.3	89.3	106.4	119.0	130.8	100.6	136.1	141.2	145.1
342	Printing and publishing	34.2	96.3	105.6	121.7	137.3	126.7	133.1	143.0	146.2
351	Industrial chemicals and gases	12.6	100.4	124.2	127.4	151.8	132.8	157.2	161.0	156.0
352	Paints, pharmaceuticals and other chemical products	33.3	119.8	126.6	155.1	173.8	163.1	166.6	175.2	190.2
353/4	Petroleum refineries and petroleum products	245.1	73.7	86.6	98.4	105.3	90.2	100.1	115.7	115.0
355	Processing of jelutong and gum damar	0.6	107.2	107.6	125.5	112.0	120.6	119.8	89.9	117.7
356	Rubber products, except footwear	6.6	90.3	91.2	100.9	108.7	104.1	105.5	117.3	107.8
357	Plastic products	13.2	100.9	136.3	136.4	159.8	158.9	152.7	155.0	172.7

6.9 INDEX OF INDUSTRIAL PRODUCTION (continued)

Industrial Code	Industry	Weights	1975	1976	1977	1978	1978			
			Annual Average				1st Qr	2nd Qr	3rd Qr	4th Qr
			1974 = 100							
361/2	Pottery, china, earthenware and glass products	3.9	77.9	80.3	81.8	115.4	104.3	123.7	106.6	127.1
363	Structural clay products	4.2	65.6	88.9	90.2	78.2	74.9	70.1	77.2	90.4
364	Cement and cement additives	8.7	125.7	143.8	132.0	131.7	114.8	127.2	154.2	130.6
365	Structural cement and concrete products	3.3	111.5	103.5	95.1	93.7	74.7	98.2	96.7	105.2
369	Non-metallic mineral products, n.e.c.	10.1	118.6	119.2	205.1	167.5	225.5	96.1	164.6	183.8
371	Iron and steel	28.1	114.8	118.4	119.6	152.2	118.4	146.6	164.7	178.9
372	Non-ferrous metals	3.6	78.2	87.7	86.9	91.4	76.0	95.7	95.2	98.6
381	Fabricated metal products	41.3	88.2	83.8	92.1	100.3	90.9	100.1	105.9	104.3
382	Industrial machinery	76.3	142.4	117.6	134.9	163.7	155.4	133.0	158.4	207.8
383	Electrical and electronic equipment and appliances	142.2	96.0	145.8	174.4	204.4	169.1	206.1	210.2	232.1
384	Transport equipment and oil rigs	151.6	119.1	117.1	106.1	122.4	114.9	123.3	128.3	123.1
	Other industries	20.3	118.7	153.1	153.8	136.1	108.6	134.0	140.9	160.7

Note: The quarterly indices have been revised to take into account the contributions of new firms since 1975.

6.10 NET INVESTMENT COMMITMENTS IN MANUFACTURING BY INDUSTRY

Million Dollars

Industry	1972	1973	1974	1975	1976	1977	1978
Food & Beverages	3.4	2.0	-	2.6	14.4	27.4	9.8
Textiles	2.2	14.5	20.9	0.9	8.0	1.7	11.0
Wearing Apparel	6.4	-	-	-	1.5	3.0	2.7
Wood Products	14.2	9.3	6.9	1.4	8.3	5.3	9.8
Paper Products & Printing	-	6.3	1.0	-	1.0	4.2	-
Industrial Chemicals	2.1	5.1	26.0	7.5	5.0	4.9	12.9
Plastic Products	6.7	6.3	-	4.3	11.9	10.8	13.3
Other Chemical Products	0.9	2.4	15.0	2.0	0.4	14.9	14.5
Petroleum	-	-	-	135.0	16.0	66.2	330.0
Non-Metallic Minerals	9.4	7.0	19.0	-	0.7	-	-
Basic Metals	1.3	4.0	24.0	1.4	15.4	1.0	2.5
Fabricated Metal Products	2.4	1.2	5.2	17.3	16.8	6.8	13.8
Machinery except Electrical	50.7	86.0	41.8	72.5	65.7	77.9	45.5
Electrical Machinery & Appliances	92.0	34.4	4.9	13.3	164.2	120.3	300.8
Transport Equipment	0.7	62.5	105.0	42.0	5.7	36.1	-
Precision Equipment	-	-	18.1	1.3	6.4	7.7	33.9
Other Products	2.1	54.9	4.1	6.6	4.7	24.1	24.7
TOTAL	194.5	295.9	291.9	308.1	346.1	412.3	825.2
FOREIGN	156.3	224.1	168.8	248.6	290.5	376.3	775.5
LOCAL	38.2	71.8	123.1	59.5	55.6	36.0	49.7

Note: Net investment commitments refer to gross commitments less projects withdrawn or uncertain as at 31 December 1978.

Source: Economic Development Board

6.11 PRINCIPAL STATISTICS OF PIONEER MANUFACTURING ESTABLISHMENTS

(End of period)

Year	In Production					Under Implementation			
	Establish- ments	Persons Employed	Output	Paid-Up Capital	Capital Outlay	Establish- ments	Persons Employed	Paid-Up Capital	Capital Outlay
	Number		Million Dollars			Number		Million Dollars	
1968	203	22,408	1,015	324	461	52	545	26	17
1969	236	36,071	1,200	472	586	45	688	116	134
1970	263	50,504	1,749	669	1,182	34	739	67	67
1971	291	66,124	2,403	794	1,582	24	449	114	148
1972	313	86,464	3,380	967	2,194	17	708	78	245
1973	319	96,018	4,676	1,209	2,787	15	139	19	10
1974	318	79,870	9,502	1,337	3,085	14	312	26	19
1975	314	78,659	7,454	1,434	3,355	7	79	15	15
1976	293	87,405	8,921	1,414	3,413	4	31	2	20
1977	323	94,410	10,453	1,505	3,823	16	594	19	48
1978*	350	109,672	11,376	1,568	4,859	17	660	22	30

Source: Economic Development Board

6.12 PRINCIPAL STATISTICS OF PIONEER MANUFACTURING ESTABLISHMENTS BY INDUSTRY GROUP, 1978*

(End of period)

Industry Group	In Production						Under Implementation			
	Estab- lish- ments	Persons Employed	Output	Value Added	Gross Fixed Assets	Paid-Up Capital	Estab- lish- ments	Persons Employed	Gross Fixed Assets	Paid-Up Capital
	Number			Million Dollars			Number		Million Dollars	
Total	350	109,672	11,376	2,439	4,859	1,568	17	660	30	22
Food & Beverages	24	2,663	452	90	164	138	-	-	-	-
Textiles & Garments	33	12,595	366	122	239	150	-	-	-	-
Wood & Cork Products	10	4,030	191	61	108	62	-	-	-	-
Paper & Paper Products	4	510	28	10	21	14	-	-	-	-
Leather & Rubber Products	6	1,078	47	20	42	23	1	168	10	5
Basic Industrial Chemicals	9	552	95	41	38	23	-	-	-	-
Other Chemical Products, except Plastic	21	1,720	123	28	85	55	1	29	2	1
Petroleum & Petroleum Products	8	3,687	6,547	757	2,385	320	-	-	-	-
Non-Metallic Mineral Products	12	710	107	17	60	30	-	-	-	-
Basic Metal Industries	10	2,255	226	60	146	54	-	-	-	-
Metal Products & Mechanical Engineering	93	29,250	1,004	427	773	379	9	103	10	8
Electrical & Electronic Products	79	43,808	1,922	698	492	198	5	359	6	8
Transport Equipment	8	3,269	161	69	219	60	-	-	-	-
Plastic Products	19	1,703	59	19	57	40	-	-	-	-
Miscellaneous	14	1,842	48	20	30	22	1	1	2	-

Source: Economic Development Board

7. ELECTRICITY, GAS AND WATER SUPPLY

The Public Utilities Board is responsible for the production and distribution of electricity, gas and water in the Republic. The Board was established in 1963 to take over these functions of the former City Council.

Electricity

Electricity is generated mainly at Senoko, Jurong and Pasir Panjang 'B' and Pasir Panjang 'A' Power Stations with the St. James and Senoko Gas Turbine Power Stations being used as standby for emergency and peaking when there are deficient steam plants. The Jurong Power Station, with an installed capacity of 600 megawatt (MW) in 1978, remained the largest contributor accounting for 47% of electricity generated. The installed capacity of the Senoko Power Station has increased to 610 MW as at end 1978, making it the largest in the system, while its contribution was increased to 32%. The system gross thermal efficiency was 33%. The total generating capacity of the Board's Power Stations rose to 1,610 MW in 1978 and the system Maximum Demand increased to 995 MW.

Construction work had progressed satisfactorily on the \$600 million Senoko Power Station Stage II

project, consisting of three 250 MW units, which will cater for demand in the early eighties. Unit No 4, the first of the three 250 MW sets was commissioned on 23rd October 1978 while Units No 5 and 6 are expected to be commissioned in mid-April and late October 1979 respectively.

Satisfactory progress was made on the installation of the new Ayer Rajah Road Despatch Centre for which consultancy and engineering was undertaken entirely by the Electricity Department.

A network of 230kV, 66kV, 6.6kV and Low Tension Cables interlinked by transformer substations, forms the transmission and distribution system whereby electricity is supplied from the power station to the consumer. The 230kV transmission ring, comprising Senoko Power Station and Chua Chu Kang, Ayer Rajah and Kallang Basin 230kV substations, which was completed in 1977 was reinforced in 1978 with 50 kilometres (km). During 1978, a total of 882 km of electric cables were added to the system bringing the total to 29,103 km; 174 new substation buildings were commissioned bringing the total to 2,388, while the total transformer capacity was increased by 968 megavoltamperes (MVA) to 8,689 MVA.

A significant project implemented in 1978 was the installation of 2 circuits of 22kV cables across the Causeway to supply up to 18 MW of electricity to the Lembaga Elektrik Negara, Malaysia (LLN), thus enabling LLN to provide uninterrupted supplies to its consumers in the Johore Bahru area.

The total number of consumers increased to 504,327 while their consumption rose to 5,214 million kilowatt-hours (kWh).

Gas

Gas is produced by 5 naphtha reformers at the Kallang Gasworks with an installed capacity of 0.586 million cubic metres per day, while 5 other oil gas reformers are placed on standby. Excess gas produced during slack periods is stored in the holders in Kallang and Queenstown and used to supplement the supply during the peak demand periods. There

is a total of 1,261 kilometres of gas mains in use. Developments in areas which are outside the town gas distribution network are served with Liquefied Petroleum Gas from system tanks. However, there is also some production and distribution of bottled gas by private companies for domestic use but data on these are not included in the table.

Water

Water supplies are drawn mainly from river sources in Johore and from impounding reservoirs in Singapore and in Johore. The Board has 6 impounding reservoirs in Singapore and 4 in Johore.

The total maximum storage capacity of the 10 impounding reservoirs is 98.0 million cubic metres. After purification and treatment, water is distributed to consumers from 7 service reservoirs in the Republic.

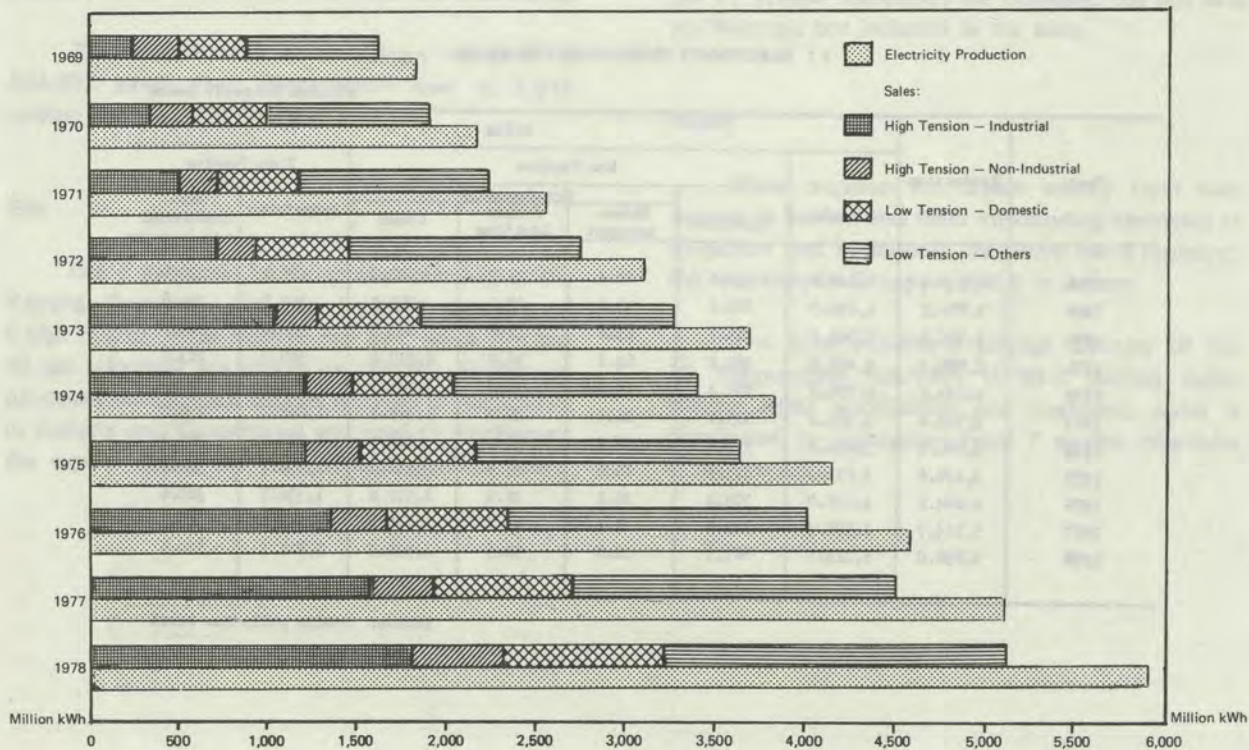
7.1 ELECTRICITY PRODUCTION AND SALES

Million Kilowatt Hours

Year	Production	Sales						
		Total	Low Tension				High Tension	
			Domestic	Non-Domestic			Industrial	Non-Industrial
				Enter-tainment	Public Lighting	Other		
1968	1,639.4	1,446.8	348.6	12.4	25.7	601.0	229.1	230.0
1969	1,876.1	1,652.9	381.5	13.2	28.1	701.2	262.1	266.8
1970	2,205.2	1,941.6	421.7	13.8	31.0	862.3	368.2	244.6
1971	2,585.3	2,268.9	461.2	14.6	34.0	1,017.6	528.3	213.2
1972	3,143.6	2,776.8	521.4	15.9	37.6	1,241.1	746.7	214.1
1973	3,719.4	3,304.3	575.5	16.4	40.7	1,365.1	1,068.1	238.5
1974	3,864.3	3,426.2	559.0	16.9	39.3	1,311.1	1,236.0	263.9
1975	4,176.0	3,673.3	643.3	18.6	43.9	1,414.2	1,239.7	313.6
1976	4,604.9	4,038.0	703.4	20.1	46.6	1,572.6	1,374.7	320.6
1977	5,114.7	4,506.4	779.0	21.5	49.1	1,730.5	1,561.2	365.1
1978	5,898.0	5,213.7	887.5	22.8	51.5	1,930.0	1,811.3	510.6

Source: Public Utilities Board

ELECTRICITY PRODUCTION AND SALES



7.2 GAS PRODUCTION AND SALES

Year	Production	Sales					Number of Consumers (end of period)
		Total	Domestic		Commercial	Industrial	
			Housing Development Board	Private			
Million Kilowatt Hours							
1968	237.9	202.8	97.2	75.9	19.3	10.4	80,256
1969	248.1	209.3	99.2	76.0	22.0	12.1	85,925
1970	264.5	231.2	103.9	81.9	28.9	16.5	91,272
1971	299.5	257.9	113.6	81.6	42.5	20.2	98,298
1972	320.9	278.9	126.5	78.9	54.0	19.5	104,907
1973	344.7	301.1	136.6	80.3	63.3	20.9	115,755
1974	391.1	350.1	156.6	82.1	82.7	28.7	129,003
1975	432.4	383.3	174.0	82.4	96.9	30.0	137,618
1976	457.1	411.4	186.2	76.2	108.2	40.8	143,147
1977	487.5	434.9	196.2	72.6	123.9	42.2	151,819
1978	539.0	490.2	213.2	73.1	152.1	51.8	166,011

Source: Public Utilities Board

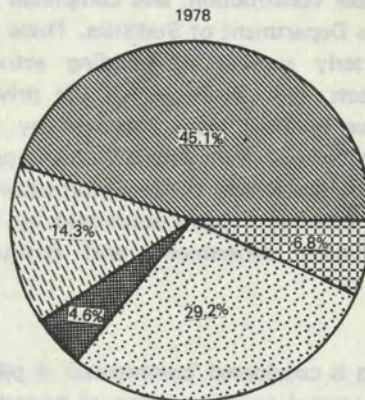
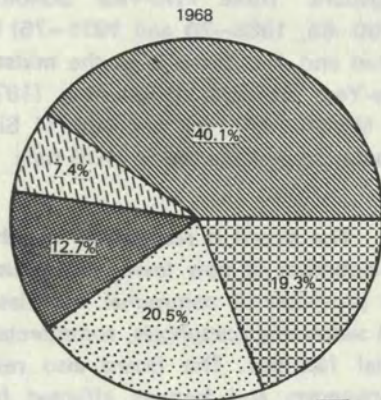
7.3 WATER CONSUMPTION BY TYPE OF CONSUMERS

Thousand Cubic Metres

Year	Total	Domestic	Shipping	Commerce and Industry	Singapore Government	Public Utilities Board	Other Statutory Boards and Foreign Armed Forces	Johore
1968	150,247.8	60,243.7	2,327.7	28,446.5	26,409.5	2,532.5	19,083.1	11,204.8
1969	156,588.5	66,139.9	1,838.9	31,866.1	24,468.9	2,673.5	18,178.8	11,422.4
1970	165,505.7	71,024.0	2,276.9	35,718.3	22,752.9	2,683.3	18,487.4	12,562.9
1971	161,017.7	71,546.4	2,346.7	38,616.1	18,888.0	2,151.1	13,921.1	13,548.3
1972	175,503.7	78,970.3	2,406.6	46,699.8	20,626.5	2,177.0	8,519.8	16,103.7
1973	174,949.0	76,726.7	2,673.4	51,186.7	17,537.3	2,127.3	7,720.2	16,977.4
1974	176,482.3	78,826.1	2,805.1	52,118.4	13,800.1	2,846.8	7,425.3	18,660.5
1975	192,655.5	87,295.2	3,063.6	55,036.5	13,614.1	3,772.7	8,531.7	21,341.7
1976	199,465.8	89,830.9	2,776.1	56,219.2	13,563.6	3,928.2	8,522.6	24,625.2
1977	211,844.6	95,038.5	2,683.6	60,382.5	12,921.8	3,639.3	8,661.9	28,517.0
1978	225,596.3	101,640.6	2,812.9	63,215.9	12,284.4	3,147.1	10,249.3	32,246.1

Source: Public Utilities Board

WATER CONSUMPTION — 1968 AND 1978



8. BUILDING CONSTRUCTION AND HOUSING

Building Construction

Statistics on building construction relating to number of units, floor area and value of buildings commenced, under construction, and completed are compiled by the Department of Statistics. These are based on quarterly surveys of building activity covering architects and developers in the private sector who have building plans approved by the Building Control Division of the Public Works Department. For the public sector, similar information is compiled from monthly returns submitted by the relevant government departments and statutory boards.

A building is considered 'commenced' if piling work has been started or demarcation of boundary made. A building is considered 'completed' if it is ready for use or occupation and power and water facilities are available.

Statistics on building activity are revised retrospectively every quarter based on up-to-date information obtained from the latest quarterly survey. The revision reflects primarily changes and amendments in building plans.

Housing and Development Board

The Housing and Development Board (HDB) is the public housing authority of the Republic of Singapore. Three Five-Year Building Programmes (1960-65, 1966-70 and 1971-75) have been completed and the Board is in the midst of the Fourth Five-Year Building Programme (1976-80). As at 31 March 1979, 64 per cent of Singapore's total population was housed in HDB flats.

The Board is responsible for the planning and development of new towns and housing estates and the provision of communal facilities such as sports and swimming complexes, commercial, shopping and social facilities. The Board also resettles families, shopkeepers and farmers affected by development projects such as public housing, urban renewal, airport expansion and road schemes.

Three new towns at Queenstown, Toa Payoh and Telok Blangah have been completed and five new towns are under development at Woodlands, Bedok, Ang Mo Kio, Clementi and Nee Soon.

The estate management is on a decentralised

**8.1 BUILDINGS COMMENCED, UNDER CONSTRUCTION AND COMPLETED
PUBLIC AND PRIVATE SECTORS**

Year	Buildings Commenced			Buildings Under Construction (End of period)			Buildings Completed		
	No. of Units	Floor Area '000 sq m	Value \$ Million	No. of Units	Floor Area '000 sq m	Value \$ Million	No. of Units	Floor Area '000 sq m	Value \$ Million
1968	16,765	1,980	331.5	22,487	2,583	453.9	17,968	1,488	173.2
1969	12,663	1,983	400.5	17,985	2,958	665.3	17,165	1,608	188.9
1970	20,246	2,481	478.0	22,342	3,620	888.8	15,889	1,819	253.8
1971	32,820	4,611	884.6	34,325	6,033	1,437.5	20,837	2,198	338.0
1972	33,516	4,276	747.4	42,311	7,261	1,689.4	25,530	3,049	495.2
1973	28,022	4,183	943.2	45,166	7,939	2,007.4	25,167	3,505	625.9
1974	28,583	4,667	1,229.0	41,943	8,693	2,429.8	31,806	3,913	806.2
1975	49,836	6,962	1,778.8	59,458	10,618	3,013.5	32,321	5,035	1,203.1
1976	34,834	5,387	1,373.7	59,123	10,776	3,042.3	35,169	5,228	1,357.5
1977	36,016	5,505	1,630.4	61,831	11,151	3,393.7	33,308	5,128	1,293.9
1978	28,704	4,777	1,355.6	54,331	10,418	3,443.8	36,204	5,511	1,308.9

**8.1 BUILDINGS COMMENCED, UNDER CONSTRUCTION AND COMPLETED
PUBLIC SECTOR**

Year	Buildings Commenced			Buildings Under Construction (End of period)			Buildings Completed		
	No. of Units	Floor Area '000 sq m	Value \$ Million	No. of Units	Floor Area '000 sq m	Value \$ Million	No. of Units	Floor Area '000 sq m	Value \$ Million
1968	14,390	972	106.9	18,380	1,254	189.5	15,528	844	89.0
1969	11,088	986	164.1	15,290	1,373	259.5	14,178	867	93.8
1970	17,616	1,031	135.8	18,970	1,365	267.1	13,936	1,039	126.8
1971	29,592	2,466	297.8	29,593	2,608	408.4	18,969	1,223	157.9
1972	29,033	2,482	350.2	34,991	3,291	545.8	23,635	1,799	212.3
1973	24,778	2,623	558.6	36,797	3,720	802.8	22,972	2,195	300.9
1974	25,447	3,222	722.4	33,437	4,539	1,163.6	28,807	2,402	361.3
1975	48,409	5,902	1,377.2	51,900	7,051	1,822.5	29,946	3,390	709.9
1976	32,969	4,058	868.5	51,995	7,200	1,780.0	32,874	3,908	909.2
1977	34,541	4,358	1,168.0	54,808	7,459	2,015.2	31,728	4,098	947.1
1978	26,598	3,241	718.0	47,909	6,547	1,848.2	33,497	4,153	882.7

**8.1 BUILDINGS COMMENCED, UNDER CONSTRUCTION AND COMPLETED
PRIVATE SECTOR**

Year	Buildings Commenced			Buildings Under Construction (End of period)			Buildings Completed		
	No. of Units	Floor Area '000 sq m	Value \$ Million	No. of Units	Floor Area '000 sq m	Value \$ Million	No. of Units	Floor Area '000 sq m	Value \$ Million
1968	2,375	1,008	224.6	4,107	1,329	264.4	2,440	644	84.2
1969	1,575	997	236.4	2,695	1,585	405.8	2,987	741	95.1
1970	2,630	1,450	342.2	3,372	2,255	621.7	1,953	780	127.0
1971	3,228	2,145	586.8	4,732	3,425	1,029.1	1,868	975	180.1
1972	4,483	1,794	397.2	7,320	3,970	1,143.6	1,895	1,250	282.9
1973	3,244	1,560	384.6	8,369	4,219	1,204.6	2,195	1,310	325.0
1974	3,136	1,445	506.6	8,506	4,154	1,266.2	2,999	1,511	444.9
1975	1,427	1,060	401.6	7,558	3,567	1,191.0	2,375	1,645	493.2
1976	1,865	1,329	505.2	7,128	3,576	1,262.3	2,295	1,320	448.3
1977	1,475	1,147	462.4	7,023	3,692	1,378.5	1,580	1,030	346.8
1978	2,106	1,536	637.6	6,422	3,871	1,595.6	2,707	1,358	426.2

8.2 NUMBER OF UNITS OF BUILDINGS COMMENCED

Year	Residential						Non-Residential			
	Bungalow	Semi-detached	Terrace	Flats	Shop-houses	Others	Commercial	Industrial	Educational	Others
Public and Private Sectors										
1972	274	935	1,440	29,366	447	8	533	339	15	99
1973	282	1,007	921	24,607	340	3	373	403	16	70
1974	147	525	579	26,383	416	1	142	263	35	92
1975	122	165	143	47,853	511	1	519	202	42	278
1976	67	76	178	32,204	562	112	702	833	16	84
1977	45	84	181	32,170	1,124	3	747	1,550	12	100
1978	48	96	91	26,398	347	9	273	1,347	22	73
Public Sector										
1972	-	2	-	27,812	437	7	386	303	9	77
1973	1	-	-	23,788	316	1	290	321	12	49
1974	-	-	-	24,840	370	1	80	59	24	73
1975	10	-	11	47,034	493	-	480	95	30	256
1976	-	-	-	30,904	562	111	605	726	6	55
1977	-	-	-	31,278	1,123	-	668	1,394	12	66
1978	-	-	-	24,919	340	2	176	1,092	17	52
Private Sector										
1972	274	933	1,440	1,554	10	1	147	96	6	22
1973	281	1,007	921	819	24	2	83	82	4	21
1974	147	525	579	1,543	46	-	62	204	11	19
1975	112	165	132	819	18	1	39	107	12	22
1976	67	76	178	1,300	-	1	97	107	10	29
1977	45	84	181	892	1	3	79	156	-	34
1978	48	96	91	1,479	7	7	97	255	5	21

8.3 FLOOR AREA OF BUILDINGS COMMENCED

Thousari square metres

Year	Residential						Non-Residential			
	Bungalow	Semi detached	Terrace	Flats	Shop-houses	Others	Commercial	Industrial	Educational	Others
Public and Private Sectors										
1972	102	232	276	2,435	61	3	443	546	61	117
1973	113	254	184	2,219	52	-	274	777	107	203
1974	62	134	126	2,869	70	1	464	759	133	49
1975	45	49	26	4,952	86	1	695	603	156	349
1976	31	20	29	3,375	94	11	696	789	78	264
1977	19	22	35	3,354	211	4	619	650	106	485
1978	20	25	19	2,896	67	21	550	919	83	177
Public Sector										
1972	-	1	-	2,084	58	-	67	191	22	59
1973	1	-	-	1,997	46	-	123	207	77	172
1974	-	-	-	2,466	58	1	265	293	108	31
1975	3	-	1	4,774	82	-	423	183	126	310
1976	-	-	-	3,110	94	10	241	436	36	131
1977	-	-	-	3,182	211	-	255	263	106	341
1978	-	-	-	2,595	66	11	55	339	57	118
Private Sector										
1972	102	231	276	351	3	3	376	355	39	58
1973	112	254	184	222	6	-	151	570	30	31
1974	62	134	126	403	12	-	199	466	25	18
1975	42	49	25	178	4	1	272	420	30	39
1976	31	20	29	265	-	1	455	353	42	133
1977	19	22	35	172	-	4	364	387	-	144
1978	20	25	19	301	1	10	495	580	26	59

8.4 NUMBER OF UNITS OF BUILDINGS UNDER CONSTRUCTION
(End of period)

Year	Residential						Non-Residential			
	Bungalow	Semi-detached	Terrace	Flats	Shop-houses	Others	Commercial	Industrial	Educational	Others
Public and Private Sectors										
1972	393	1,315	1,738	37,516	369	4	486	410	16	64
1973	477	1,878	2,037	39,250	532	1	463	433	21	74
1974	380	1,669	1,574	36,951	509	-	263	467	38	92
1975	328	1,456	1,128	54,737	658	-	631	337	58	125
1976	215	1,240	1,038	53,684	847	111	849	962	38	139
1977	206	1,008	1,044	54,868	1,375	4	1,438	1,750	18	120
1978	174	795	844	48,617	940	9	900	1,900	23	129
Public Sector										
1972	-	2	-	34,037	359	1	237	305	9	41
1973	1	2	-	35,653	499	-	259	323	14	46
1974	-	-	-	32,590	430	-	86	242	28	61
1975	10	-	-	50,571	590	-	494	101	43	91
1976	-	-	-	49,509	792	111	720	751	24	88
1977	-	-	-	50,520	1,356	1	1,342	1,493	16	80
1978	-	-	-	44,564	915	2	773	1,538	20	97
Private Sector										
1972	393	1,313	1,738	3,479	10	3	249	105	7	23
1973	476	1,876	2,037	3,597	33	1	204	110	7	28
1974	380	1,669	1,574	4,361	79	-	177	225	10	31
1975	318	1,456	1,128	4,166	68	-	137	236	15	34
1976	215	1,240	1,038	4,175	55	-	129	211	14	51
1977	206	1,008	1,044	4,348	19	3	96	257	2	40
1978	174	795	844	4,053	25	7	127	362	3	32

8.5 FLOOR AREA OF BUILDINGS UNDER CONSTRUCTION

(End of period)

Thousand square metres

Year	Residential						Non-Residential			
	Bungalow	Semi-detached	Terrace	Flats	Shop-houses	Others	Commercial	Industrial	Educational	Others
Public and Private Sectors										
1972	145	322	328	3,387	51	6	1,993	712	81	236
1973	187	468	394	3,758	80	-	1,681	928	149	294
1974	160	421	329	4,326	86	-	1,657	1,228	231	255
1975	138	369	233	6,196	114	-	1,545	1,223	317	483
1976	98	309	210	6,147	147	10	1,579	1,445	211	620
1977	39	252	212	6,230	258	10	1,850	1,373	148	779
1978	25	194	171	5,589	181	21	1,963	1,350	171	753
Public Sector										
1972	-	1	-	2,583	48	-	183	276	22	178
1973	1	1	-	2,869	72	-	196	263	93	225
1974	-	-	-	3,220	66	-	397	485	181	190
1975	3	-	-	5,155	97	-	663	484	250	399
1976	-	-	-	5,149	133	10	553	756	151	448
1977	-	-	-	5,193	253	6	682	683	128	514
1978	-	-	-	4,645	175	11	504	508	137	567
Private Sector										
1972	145	321	328	804	3	6	1,810	436	59	58
1973	186	467	394	889	8	-	1,485	665	56	69
1974	160	421	329	1,106	20	-	1,260	743	50	65
1975	135	369	233	1,041	17	-	882	739	67	84
1976	98	309	210	998	14	-	1,026	689	60	172
1977	39	252	212	1,037	5	4	1,168	690	20	265
1978	25	194	171	944	6	10	1,459	842	34	186

8.6 NUMBER OF UNITS OF BUILDINGS COMPLETED

Year	Residential						Non-Residential			
	Bungalow	Semi-detached	Terrace	Flats	Shop-houses	Others	Commercial	Industrial	Educational	Others
Public and Private Sectors										
1972	283	428	337	23,175	356	9	648	198	9	87
1973	198	444	622	22,873	177	6	396	380	11	60
1974	244	734	1,042	28,682	439	2	342	229	18	74
1975	174	378	589	30,067	362	1	151	332	22	245
1976	180	292	268	33,257	373	1	484	208	36	70
1977	54	316	175	30,986	596	110	158	762	32	119
1978	80	309	291	32,649	782	4	811	1,197	17	64
Public Sector										
1972	-	-	-	22,574	356	8	582	36	4	75
1973	-	-	-	22,172	176	2	268	303	7	44
1974	1	2	-	27,903	439	1	253	140	10	58
1975	-	-	11	29,053	333	-	72	236	15	226
1976	10	-	-	31,966	360	-	379	76	25	58
1977	-	-	-	30,267	559	110	46	652	20	74
1978	-	-	-	30,875	781	1	745	1,047	13	35
Private Sector										
1972	283	428	337	601	-	1	66	162	5	12
1973	198	444	622	701	1	4	128	77	4	16
1974	243	732	1,042	779	-	1	89	89	8	16
1975	174	378	578	1,014	29	1	79	96	7	19
1976	170	292	268	1,291	13	1	105	132	11	12
1977	54	316	175	719	37	-	112	110	12	45
1978	80	309	291	1,774	1	3	66	150	4	29

8.7 FLOOR AREA OF BUILDINGS COMPLETED

Thousand square metres

Year	Residential						Non-Residential			
	Bungalow	Semi-detached	Terrace	Flats	Shop-houses	Others	Commercial	Industrial	Educational	Others
Public and Private Sectors										
1972	94	103	68	1,602	45	2	569	477	38	51
1973	71	109	118	1,848	23	6	586	561	38	145
1974	89	180	192	2,301	63	1	488	460	53	86
1975	68	101	122	3,081	58	1	806	606	70	122
1976	70	79	54	3,423	61	1	663	566	182	129
1977	78	79	34	3,271	100	4	348	724	169	321
1978	33	85	61	3,535	144	10	438	943	57	205
Public Sector										
1972	-	-	-	1,506	45	1	124	70	23	30
1973	-	-	-	1,712	22	-	110	220	6	125
1974	1	1	-	2,115	63	1	65	71	20	65
1975	-	-	1	2,839	51	-	156	183	57	103
1976	3	-	-	3,115	58	-	351	164	134	83
1977	-	-	-	3,138	91	4	126	337	129	273
1978	-	-	-	3,142	144	6	234	514	47	66
Private Sector										
1972	94	103	68	96	-	1	445	407	15	21
1973	71	109	118	136	1	6	476	341	32	20
1974	88	179	192	186	-	-	423	389	33	21
1975	68	101	121	242	7	1	650	423	13	19
1976	67	79	54	308	3	1	312	402	48	46
1977	78	79	34	133	9	-	222	387	40	48
1978	33	85	61	393	-	4	204	429	10	139

8.8 FLOOR AREA OF PRIVATE SECTOR COMMERCIAL BUILDINGS

Thousand square metres

Year	Total	Hotels	Shops	Offices	Restaurants	Car Parks	Godowns and Warehouses	Others
Buildings Commenced								
1972	377	-	80	166	13	78	22	18
1973	151	-	12	49	3	62	22	3
1974	198	12	9	97	1	1	63	15
1975	272	28	99	71	4	28	33	9
1976	456	153	64	142	10	38	32	17
1977	364	47	92	34	11	41	106	33
1978	495	51	129	82	7	55	45	126
Buildings Under Construction (End of period)								
1972	1,810	216	317	836	58	279	49	55
1973	1,485	153	274	644	51	291	17	55
1974	1,260	82	219	553	42	235	70	59
1975	882	102	170	349	27	114	73	47
1976	1,026	255	197	315	33	131	46	49
1977	1,169	274	256	303	17	145	126	48
1978	1,459	240	311	362	23	198	162	163
Buildings Completed								
1972	444	203	50	91	11	40	44	5
1973	477	64	56	242	10	49	53	3
1974	424	83	63	188	10	57	11	12
1975	649	8	147	276	19	149	29	21
1976	311	-	38	175	4	21	58	15
1977	223	28	33	46	27	28	26	35
1978	205	86	73	25	1	-	9	11

8.9 UNITS UNDER MANAGEMENT OF HOUSING AND DEVELOPMENT BOARD

(End of period)

Year	Dwellings						Number
	Total	One room	Two rooms	Three rooms	Four rooms	Five rooms	Shops
1968	94,229	29,463	25,692	36,367	2,663	44	2,682
1969	108,823	36,844	27,407	41,878	2,650	44	3,447
1970	118,544	40,781	28,983	45,992	2,744	44	3,788
1971	126,710	43,077	30,717	49,682	3,190	44	4,177
1972	139,288	50,168	31,370	53,843	3,860	47	4,405
1973/74 ¹	168,381	60,537	31,630	67,503	7,828	883	5,133
1974/75	192,894	67,190	34,833	77,177	11,179	2,515	5,663
1975/76	216,299	70,363	36,565	88,007	15,963	5,401	6,056
1976/77	244,344	72,356	39,941	101,134	22,192	8,721	7,369
1977/78	280,828	72,904	42,893	118,113	34,729	12,189	8,983
1978/79	311,848	73,958	44,356	137,151	41,823	14,560	10,216

1 Refers to financial year 1st January 1973 to 31st March 1974. From 1974 figures refer to 1st April to 31st March.

Source: Housing and Development Board

8.10 UNITS CONSTRUCTED AND SOLD BY HOUSING AND DEVELOPMENT BOARD

Year	Shops and flats constructed	Flats sold under 'Home Ownership Scheme'	Percentage of total population living in HDB flats (end of period)
	Number		%
1968	14,135	8,504	29
1969	13,096	9,897	32
1970	14,251	6,967	35
1971	16,147	6,062	37
1972	20,252	7,808	42
1973/74 ¹	28,422	18,345	43
1974/75	27,128	14,856	47
1975/76	29,458	16,275	51
1976/77	30,344	25,840	56
1977/78	30,547	29,753	60
1978/79	25,353	18,421	64

1 Refers to financial year 1st January 1973 to 31st March 1974. From 1974 figures refer to 1st April to 31st March.

Source: Housing and Development Board

Source of Data

Statistics on the external trade of Singapore are compiled by the Department of Statistics from import and export declarations which are submitted to the Controller and Registrar of Imports and Exports, or the Comptroller of Customs and Excise, Singapore, except for the following:-

- (i) Postal packages which are based on particulars furnished by the Postal Authorities; and
- (ii) Bunkers and stores supplied to non-Singapore registered ships and aircraft, which are compiled from statements furnished by ships' and aircraft agents to the Department of Statistics.

Coverage

The "general" system of recording trade statistics is adopted in Singapore. Under this system, all goods imported into or exported from Singapore are included in the external trade statistics except the following:-

- (i) All transshipment cargo on through bills of lading or through air waybills;
- (ii) Fish and other marine produce landed by Singapore and Peninsular Malaysian registered vessels direct from sea;
- (iii) Goods imported and exported by, or on behalf of, diplomatic services and Armed Forces;
- (iv) Exposed cinematographic films imported or exported on rental basis;
- (v) Television news films, news or press materials;
- (vi) Animals and vehicles temporarily brought in or out for races or competitions;
- (vii) Goods temporarily imported or exported solely for exhibition purposes and intended to be returned after the exhibition;

- (viii) Ships and aircraft arriving/departing by their own power for/after repair;
- (ix) Containers, cylinders, bottles and the like specified as returnable;
- (x) Personal and household effects accompanying passengers or crews;
- (xi) Samples, gifts and specimens for test or analysis not exceeding the value of \$300;
- (xii) Gold bullion; and
- (xiii) Issued currency notes and coins.

Goods in transit through Singapore between countries other than Peninsular Malaysia are excluded. But goods via Singapore to or from Peninsular Malaysia are recorded as imports and subsequently as exports. Goods are regarded as in transit when they are brought into Singapore for the sole purpose of transshipment and remain in the custody of the carrier agents or the Port Authority while in Singapore. Goods transhipped by sea (ship to ship) at

Singapore between other countries and Peninsular Malaysia have, however, been excluded from the external trade statistics since 1968.

Valuation

Imports from and exports to countries are valued at c.i.f. and f.o.b. respectively. For trade with Peninsular Malaysia prior to 1975, imports into Singapore were valued f.o.b. Peninsular Malaysia and exports from Singapore were valued c.i.f. Peninsular Malaysia.

Classification

With effect from 1st January 1975, the trade classification adopted for documenting Singapore external trade is the Singapore Trade Classification and Customs Duties, 1975, which is based on Brussels Tariff Nomenclature (BTN). However, for the publication of external trade statistics, a classification based on the Standard International Trade Classification (Revised) is used. Imports are classified by country of origin and exports by country of destination.

9.1 TOTAL TRADE BY REGION AND SELECTED COUNTRIES

Million Dollars

Region/Country	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
TOTAL	8,974.5	10,984.3	12,289.6	14,035.3	15,687.4	21,419.7	34,559.5	32,028.3	38,670.4	45,612.2	52,586.8
South East Asia	2,958.3	3,474.6	3,316.0	3,723.0	3,860.6	4,845.3	7,004.0	6,089.4	7,424.2	8,651.8	10,103.1
Malaysia	2,072.8	2,484.0	2,443.2	2,672.1	2,785.2	3,652.6	5,033.5	4,426.7	5,685.1	6,340.0	6,987.1
Thailand	337.7	345.7	306.2	334.0	483.7	513.3	885.8	851.7	1,002.3	1,133.1	1,708.8
Brunei	56.8	68.6	79.9	122.9	113.3	123.8	156.9	285.6	291.9	438.1	585.2
Philippines	44.5	34.3	40.0	84.7	69.3	114.2	170.9	203.8	219.0	455.1	484.3
North East Asia	1,950.7	2,456.6	2,918.2	3,310.1	3,719.9	5,182.0	8,284.1	7,329.1	8,970.4	10,831.3	13,080.4
Japan	966.7	1,355.2	1,819.5	2,079.8	2,266.9	3,008.8	5,264.4	4,367.2	5,259.6	6,392.1	7,894.2
Hong Kong	286.2	308.9	382.5	489.9	616.2	840.3	1,372.3	1,364.8	1,803.3	2,125.2	2,361.8
Taiwan	102.9	112.9	164.2	192.4	296.3	440.1	519.7	514.7	703.6	876.1	1,081.8
China, People's Republic	541.3	593.3	454.9	453.3	456.5	701.6	769.7	780.5	754.4	815.1	906.2
Korea, Republic of	42.3	71.2	74.4	80.3	75.8	156.4	288.2	251.8	389.4	573.9	734.7
South Asia	199.3	214.1	214.8	218.3	251.9	409.9	548.2	541.6	602.2	923.8	1,515.0
India	72.8	94.5	99.7	111.0	108.4	169.9	237.5	236.5	295.0	536.2	809.7
Bangladesh	na	na	na	na	25.0	46.3	69.1	68.7	81.0	81.7	234.8
Sri Lanka	15.5	22.0	25.7	26.4	25.2	52.4	82.1	95.8	67.7	111.1	218.8
West Asia	660.8	735.7	801.1	1,047.3	1,232.4	1,542.4	4,859.7	4,840.7	6,367.9	7,060.7	7,689.9
Saudi Arabia	57.4	56.2	91.6	233.5	271.0	420.0	1,275.0	1,880.8	3,737.8	4,074.9	4,282.3
Iran	144.6	190.4	180.9	201.4	277.7	326.9	1,119.2	1,065.6	891.7	1,086.1	1,001.5
Iraq	10.8	16.5	9.6	15.1	41.9	52.9	259.6	290.0	330.7	584.1	828.9
Bahrein	22.6	31.4	66.9	86.0	87.4	88.5	186.7	148.5	311.0	314.8	308.2

9.1 TOTAL TRADE BY REGION AND SELECTED COUNTRIES (continued)

Million Dollars

Region/Country	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
EEC	1,305.5	1,553.5	1,912.4	2,105.5	2,315.4	3,271.3	4,462.9	4,210.2	4,746.0	5,534.8	6,239.7
Germany, Federal Republic of	211.6	326.8	389.4	453.6	540.0	800.4	1,140.5	1,117.7	1,386.9	1,649.4	1,877.3
United Kingdom	641.6	695.0	893.6	967.0	975.3	1,245.2	1,570.8	1,495.8	1,447.1	1,603.3	1,841.6
France	105.4	169.1	181.8	180.5	242.5	402.3	497.1	491.5	686.1	755.6	889.9
Netherlands	165.3	139.4	165.6	212.7	227.4	335.5	506.3	523.4	493.4	641.1	694.2
Italy	101.2	125.0	161.0	176.3	189.8	292.3	414.9	335.1	396.4	486.8	575.9
EFTA	144.0	172.5	204.8	229.5	242.6	384.8	569.1	523.8	692.1	792.2	847.1
Switzerland	56.6	63.8	75.6	76.9	94.7	134.3	182.7	196.6	226.4	267.5	344.2
Other Western Europe	82.4	97.2	122.5	96.6	98.8	177.6	229.2	200.0	294.1	400.4	433.5
Socialist Countries of Eastern Europe	213.6	289.6	301.8	241.3	221.1	358.5	466.3	288.2	431.3	451.6	563.6
USSR	139.8	164.5	174.8	147.8	125.6	197.7	262.2	144.2	208.4	259.4	311.9
North America	741.7	1,083.2	1,439.9	1,849.0	2,398.6	3,542.1	5,212.4	5,030.8	5,664.7	6,682.2	7,814.6
USA	677.3	1,002.7	1,342.1	1,737.1	2,288.9	3,400.9	4,958.8	4,799.4	5,354.0	6,348.0	7,456.3
Canada	64.3	80.5	97.9	111.9	109.6	141.3	253.5	231.3	310.7	334.2	358.2
LAPTA	82.3	123.4	94.4	95.2	108.7	196.0	323.8	259.3	357.2	548.6	542.1
Brazil	11.5	20.7	16.5	27.4	32.4	73.2	153.2	93.7	168.5	228.9	285.6
Oceania	386.5	467.3	614.1	754.1	850.4	967.0	1,793.4	1,913.1	2,046.6	2,340.0	2,306.6
Australia	305.8	364.3	500.5	624.9	680.7	771.3	1,258.7	1,298.7	1,409.2	1,635.2	1,526.0
New Zealand	47.3	63.1	61.6	65.4	94.6	120.4	250.8	299.8	258.3	281.6	328.5
Rest of the World	249.4	316.6	349.6	365.4	387.0	542.8	806.4	802.3	1,073.7	1,394.9	1,451.2

9.2 IMPORTS BY REGION AND SELECTED COUNTRIES

Million Dollars

Region/Country	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
TOTAL	5,083.8	6,243.6	7,533.8	8,664.0	9,538.0	12,512.9	20,404.9	19,270.4	22,404.5	25,521.9	29,601.3
South East Asia	1,291.8	1,635.1	1,655.0	1,723.6	1,862.5	2,491.2	3,399.4	2,769.3	3,985.7	4,484.7	5,112.3
Malaysia	1,049.8	1,396.2	1,403.5	1,443.7	1,507.7	2,039.9	2,686.2	2,238.5	3,204.2	3,466.0	3,793.6
Thailand	166.2	167.9	149.4	174.4	269.3	312.3	542.6	406.3	516.3	571.0	814.7
Brunei	1.3	2.1	1.9	2.4	8.0	18.8	4.9	5.8	52.1	145.5	226.8
Philippines	29.4	17.3	27.0	46.8	31.0	38.1	53.5	68.1	91.6	167.0	148.9
North East Asia	1,410.4	1,729.5	2,209.2	2,498.3	2,781.8	3,660.1	5,280.4	4,924.2	5,566.9	6,664.6	8,265.1
Japan	692.3	1,018.9	1,458.0	1,700.0	1,874.5	2,295.5	3,653.9	3,254.3	3,590.8	4,474.0	5,668.2
Hong Kong	144.5	165.9	188.5	200.8	242.8	354.0	470.9	427.8	536.7	651.2	731.4
Taiwan	76.8	81.8	126.7	148.6	228.9	339.8	348.6	383.6	536.9	583.8	732.6
China, People's Republic	460.1	418.5	385.5	406.7	399.1	573.2	643.9	682.0	659.0	670.4	775.5
Korea, Republic of	33.4	38.8	39.7	33.8	31.5	80.2	144.9	144.9	206.8	260.3	334.6
South Asia	141.9	134.2	133.5	146.1	142.4	229.3	276.7	222.7	277.6	294.3	297.8
India	53.4	57.5	69.1	85.9	73.9	115.6	167.0	137.0	181.9	190.0	188.1
Bangladesh	na	na	na	na	5.6	6.9	5.3	4.9	15.1	10.9	18.5
Sri Lanka	2.3	4.5	6.8	6.7	9.2	14.8	26.0	42.9	29.4	30.8	35.1
West Asia	575.5	648.5	697.4	907.3	1,098.2	1,334.5	4,334.4	4,207.7	5,493.4	6,010.4	6,390.2
Saudi Arabia	47.4	44.3	79.4	235.6	249.2	384.3	1,172.3	1,675.5	3,538.4	3,781.4	3,908.5
Iran	138.1	177.5	170.9	187.0	267.1	301.7	1,066.0	1,001.8	822.3	1,004.7	862.2
Iraq	6.8	12.1	1.0	2.7	30.8	43.2	191.1	253.6	296.9	548.6	769.5
Bahrain	17.9	27.8	62.0	77.5	78.1	76.2	162.2	107.7	240.4	254.0	251.5

9.2 IMPORTS BY REGION AND SELECTED COUNTRIES (continued)

Million Dollars

Region/Country	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
EEC	752.7	902.0	1,172.0	1,401.6	1,430.9	1,763.3	2,683.3	2,501.0	2,430.4	2,799.0	3,465.8
Germany, Federal Republic of	129.7	212.2	253.2	339.9	368.7	497.0	712.3	636.2	739.0	880.3	1,117.6
United Kingdom	396.1	421.3	569.1	633.3	635.9	692.7	996.3	956.0	851.2	957.0	1,116.8
France	44.8	76.6	86.5	94.0	113.0	162.8	234.2	266.8	284.0	310.7	441.4
Netherlands	79.0	72.3	93.6	143.1	125.6	146.5	274.6	280.5	219.5	241.5	280.8
Italy	55.8	66.6	91.8	112.6	109.7	168.5	237.1	211.7	185.2	243.4	318.6
EFTA	96.6	127.4	151.5	175.1	175.9	289.9	414.8	356.8	379.3	457.3	597.4
Switzerland	54.4	61.6	71.9	73.3	87.6	116.5	158.2	164.7	183.7	217.5	276.3
Other Western Europe	11.1	9.8	12.2	15.7	11.2	26.3	34.9	36.1	43.5	63.1	78.7
Socialist Countries of Eastern Europe	55.4	70.3	69.1	56.6	43.9	56.0	85.7	63.0	101.4	133.6	142.7
USSR	28.9	35.4	32.4	32.2	24.0	21.6	25.7	18.2	48.9	63.9	52.9
North America	364.2	513.4	855.8	1,150.9	1,372.9	1,934.8	2,969.1	3,130.0	3,066.0	3,336.9	3,915.4
USA	347.8	494.2	814.8	1,102.3	1,339.8	1,885.6	2,858.1	3,024.0	2,960.5	3,227.2	3,771.8
Canada	16.3	19.2	41.1	48.6	33.1	49.3	111.0	105.9	105.5	109.7	143.6
LAFTA	34.0	42.5	31.4	25.5	35.2	40.2	62.3	94.5	105.9	226.3	201.2
Brazil	3.5	12.3	12.7	14.2	20.3	27.5	48.1	43.5	64.7	107.3	137.0
Oceania	250.1	278.9	386.9	417.0	439.0	496.2	669.7	749.8	696.2	779.2	777.2
Australia	216.5	241.3	340.5	367.7	385.9	442.1	571.0	661.5	578.0	644.6	597.5
New Zealand	32.3	32.0	40.9	40.7	51.8	49.4	74.8	78.6	92.9	88.6	123.7
Rest of the World	100.1	152.0	159.8	146.3	144.0	191.1	194.2	215.4	258.2	272.5	357.5

9.3 EXPORTS BY REGION AND SELECTED COUNTRIES

Million Dollars

Region/Country	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
TOTAL	3,890.7	4,740.7	4,755.8	5,371.3	6,149.4	8,906.8	14,154.6	12,757.9	16,265.9	20,090.3	22,985.5
South East Asia	1,666.5	1,839.5	1,661.0	1,999.4	1,998.1	2,354.1	3,604.6	3,320.1	3,438.5	4,167.1	4,990.8
Malaysia	1,023.0	1,087.8	1,039.7	1,228.4	1,277.5	1,612.7	2,347.3	2,188.2	2,480.9	2,874.0	3,193.5
Thailand	171.5	177.8	156.8	159.6	214.4	201.0	343.2	445.4	486.0	562.1	894.1
Brunei	55.5	66.5	78.0	120.5	105.3	105.0	152.0	279.8	239.8	292.6	358.4
Philippines	15.1	17.0	13.0	37.9	38.3	76.1	117.4	135.7	127.4	288.1	335.4
North East Asia	540.3	727.1	709.0	811.8	938.1	1,521.9	3,003.7	2,404.9	3,403.5	4,166.7	4,815.3
Japan	274.4	336.3	361.5	379.8	392.4	713.3	1,610.5	1,112.9	1,668.8	1,918.1	2,226.0
Hong Kong	141.7	143.0	194.0	289.1	373.4	486.3	901.4	937.0	1,266.6	1,474.0	1,630.4
Taiwan	26.1	31.1	37.5	43.8	67.4	100.3	171.1	131.1	166.7	292.3	349.2
China, People's Republic	81.2	174.8	69.4	46.6	57.4	128.4	125.8	98.5	95.4	144.7	130.7
Korea, Republic of	8.9	32.4	34.7	46.5	44.3	76.2	143.3	106.9	182.6	313.6	400.1
South Asia	57.4	79.9	81.3	72.2	109.5	180.6	271.5	318.9	324.6	629.5	1,217.2
India	19.4	37.0	30.6	25.1	34.5	54.3	70.5	99.5	113.1	346.2	621.6
Bangladesh	na	na	na	na	19.4	39.4	63.8	63.8	65.9	70.8	216.3
Sri Lanka	13.2	17.5	18.9	19.7	16.0	37.6	56.1	52.9	38.3	80.3	183.7
West Asia	85.3	87.2	103.7	140.0	134.2	207.9	525.3	633.0	874.5	1,050.3	1,299.7
Saudi Arabia	10.0	11.9	12.2	17.9	21.8	35.7	102.7	205.3	199.4	293.5	373.8
Iran	6.5	12.9	10.0	14.4	10.6	25.2	53.2	63.8	69.4	81.4	139.3
Iraq	4.0	4.4	8.6	12.4	11.1	9.7	68.5	36.4	33.8	35.5	59.4
Bahrain	4.7	3.6	4.9	8.5	9.3	12.3	24.5	40.8	70.6	60.8	56.7

9.3 EXPORTS BY REGION AND SELECTED COUNTRIES (continued)

Million Dollars

Region/Country	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
EEC	552.8	651.5	740.4	703.9	884.5	1,508.0	1,779.6	1,709.2	2,315.6	2,735.8	2,773.9
Germany, Federal Republic of	81.9	114.6	136.2	113.7	171.3	303.4	428.2	481.5	647.9	769.1	759.7
United Kingdom	245.5	273.7	324.5	333.7	339.4	552.5	574.5	539.8	595.9	646.3	724.8
France	60.6	92.5	95.3	86.5	129.5	239.5	262.9	224.7	402.1	444.9	448.5
Netherlands	86.3	67.1	72.0	69.6	101.8	189.0	231.7	242.9	273.9	399.6	413.4
Italy	45.4	58.4	69.2	63.7	80.1	123.8	177.8	123.4	211.2	243.4	257.3
EFTA	47.4	45.1	53.3	54.4	66.7	94.9	154.3	167.0	312.8	334.9	249.7
Switzerland	2.2	2.2	3.7	3.6	7.1	17.8	24.5	31.9	42.7	50.0	67.9
Other Western Europe	71.3	87.4	110.3	80.9	87.6	151.3	194.3	163.9	250.6	337.3	354.8
Socialist Countries of Eastern Europe	158.2	219.3	232.7	184.7	177.2	302.5	380.6	225.2	329.9	318.0	420.9
USSR	111.0	129.1	142.4	115.6	101.5	176.1	236.4	126.0	159.5	195.5	259.0
North America	377.5	569.8	584.1	698.1	1,025.7	1,607.3	2,243.3	1,900.8	2,598.7	3,345.3	3,899.2
USA	329.5	508.5	527.3	634.8	949.1	1,515.3	2,100.7	1,775.4	2,393.5	3,120.8	3,684.5
Canada	47.9	61.3	56.8	63.3	76.5	92.0	142.5	125.4	205.2	224.5	214.6
IAPTA	48.3	80.9	63.0	69.7	73.5	155.7	261.6	164.8	251.3	322.3	340.9
Brazil	8.0	8.4	3.8	13.2	12.1	45.7	105.1	50.2	103.8	121.6	148.6
Oceania	136.4	188.4	227.2	337.1	411.4	470.8	1,123.7	1,163.3	1,350.4	1,560.8	1,529.4
Australia	89.3	123.0	160.0	257.2	294.8	329.2	687.7	637.2	831.2	990.6	928.5
New Zealand	15.0	31.1	20.7	24.7	42.8	71.0	176.0	221.2	165.4	193.0	204.8
Rest of the World	149.3	164.6	189.7	219.1	242.9	351.8	612.1	586.9	815.4	1,122.4	1,093.7

9.4 DOMESTIC EXPORTS BY REGION AND SELECTED COUNTRIES

Million Dollars

Region/Country	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
TOTAL	1,675.5	1,832.2	2,373.4	3,101.0	4,412.2	8,413.6	7,540.4	9,362.4	11,651.8	13,226.2
South East Asia	833.9	698.5	807.5	803.2	921.1	1,716.2	1,325.1	1,166.2	1,477.6	1,868.4
Malaysia	217.5	217.8	276.5	302.5	433.1	784.1	672.5	710.6	771.5	896.7
Thailand	140.7	109.5	91.5	133.4	125.7	255.6	268.6	260.8	317.8	479.0
Brunei	28.2	31.2	50.0	52.6	38.1	54.0	127.0	93.1	118.3	151.1
Philippines	1.9	2.7	11.2	17.1	33.8	73.2	63.3	48.6	174.8	195.8
North East Asia	278.6	348.5	512.4	630.6	885.5	2,252.8	1,760.6	2,505.4	3,108.8	3,513.2
Japan	183.2	216.5	285.4	301.1	472.6	1,396.7	917.2	1,384.4	1,639.2	1,884.8
Hong Kong	89.7	122.6	214.3	295.6	360.4	750.6	752.5	981.8	1,165.8	1,258.8
Taiwan	4.6	8.0	10.7	28.1	31.0	55.9	56.1	53.1	139.6	171.0
China, People's Republic	0.1	-	-	2.9	6.9	17.6	22.1	49.7	53.8	35.9
Korea, Republic of	0.7	1.3	1.8	2.0	5.6	21.7	9.6	21.4	96.0	118.3
South Asia	28.2	36.3	31.0	45.9	83.7	138.7	164.2	149.5	248.9	655.4
India	11.7	11.5	8.4	17.6	20.3	30.1	60.9	61.8	144.7	349.4
Bangladesh	na	na	na	6.3	15.9	33.3	22.5	22.5	15.5	112.3
Sri Lanka	9.3	15.1	14.4	11.5	29.2	46.8	38.9	23.6	42.6	115.8
West Asia	22.0	36.7	56.6	70.3	105.2	313.2	368.9	504.0	609.3	771.6
Saudi Arabia	3.5	3.6	6.0	11.0	22.0	78.4	156.6	123.3	178.0	251.7
Iran	0.6	0.7	0.6	1.5	3.0	17.7	20.4	35.1	26.1	59.0
Iraq	0.5	5.5	9.8	8.4	6.7	17.3	18.2	14.0	16.8	32.1
Bahrain	1.5	2.9	4.4	5.5	7.5	12.8	20.8	38.8	43.4	39.0

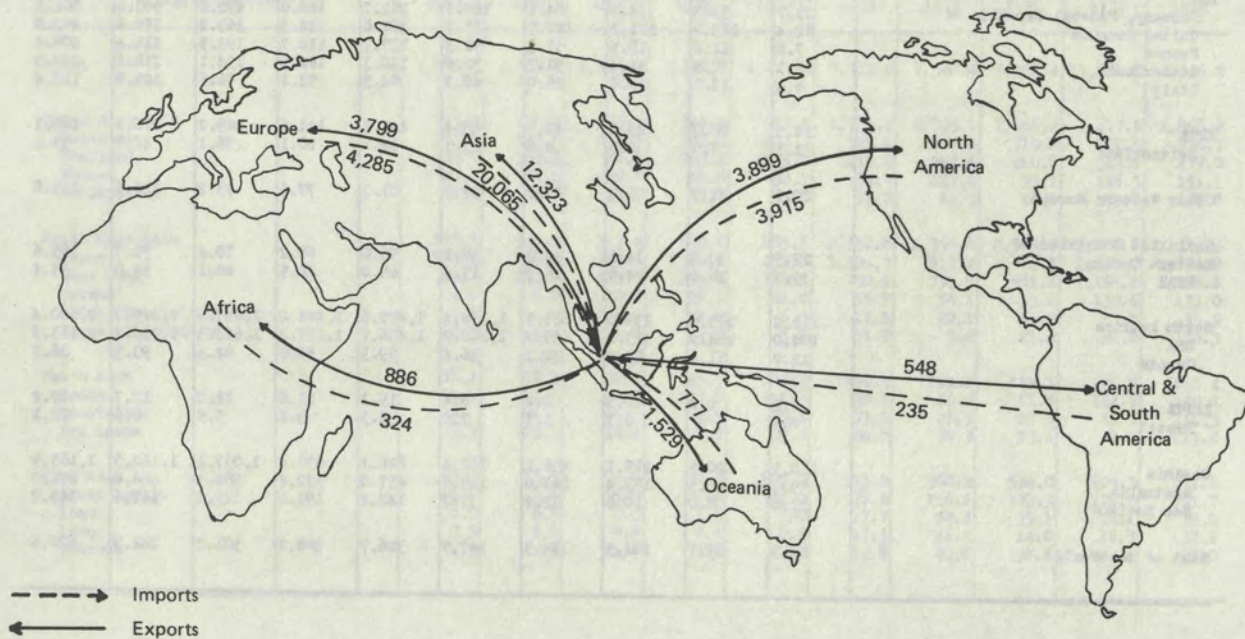
9.4 DOMESTIC EXPORTS BY REGION AND SELECTED COUNTRIES (continued)

Million Dollars

Region/Country	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
EEC	156.7	215.3	220.8	376.9	705.8	1,006.1	1,087.8	1,336.8	1,565.6	1,591.1
Germany, Federal Republic of	23.7	33.3	34.0	84.1	169.1	282.7	360.0	432.2	505.0	501.6
United Kingdom	82.4	113.9	111.2	140.5	255.2	301.0	334.3	363.2	359.6	442.5
France	7.8	11.4	18.5	51.3	92.3	137.7	114.7	193.9	211.4	208.4
Netherlands	26.1	27.9	31.4	51.7	92.8	136.3	162.9	154.1	218.6	220.9
Italy	6.4	13.7	15.8	25.0	48.9	84.5	52.4	74.6	105.0	118.4
EFDA	21.5	28.7	29.1	42.5	65.4	121.3	141.6	269.2	276.2	189.1
Switzerland	1.1	1.5	2.6	4.6	15.5	19.1	28.1	36.1	42.8	59.1
Other Western Europe	20.5	31.9	21.8	27.9	52.2	81.3	77.5	93.2	116.6	115.8
Socialist Countries of Eastern Europe	22.9	30.0	34.3	34.3	38.2	96.0	69.2	70.4	91.7	85.6
USSR	9.7	18.1	24.8	18.9	19.4	65.0	40.5	40.1	54.0	53.4
North America	116.2	215.6	339.0	685.5	1,138.4	1,495.6	1,244.0	1,717.6	2,229.7	2,600.4
USA	104.0	204.2	323.1	655.3	1,102.0	1,436.2	1,177.2	1,623.3	2,136.2	2,513.7
Canada	12.2	11.4	15.9	30.1	36.4	59.3	66.8	94.3	93.5	86.7
LAPTA	0.2	0.2	1.3	3.2	6.4	19.3	21.8	11.0	17.7	29.2
Brazil	0.1	-	0.7	1.7	2.2	5.3	3.1	5.9	8.6	12.1
Oceania	110.5	120.9	215.1	256.1	262.4	846.4	891.6	1,037.4	1,164.8	1,185.9
Australia	59.7	69.5	153.4	167.0	165.5	457.0	422.4	580.4	666.0	671.0
New Zealand	21.0	8.0	10.8	22.2	35.7	142.2	191.6	122.4	141.6	149.7
Rest of the World	64.3	69.7	104.5	124.5	147.9	326.7	388.2	501.7	744.9	620.6

SINGAPORE TRADE 1978

\$ Million



9.5 IMPORTS BY MAJOR COMMODITIES

Million Dollars

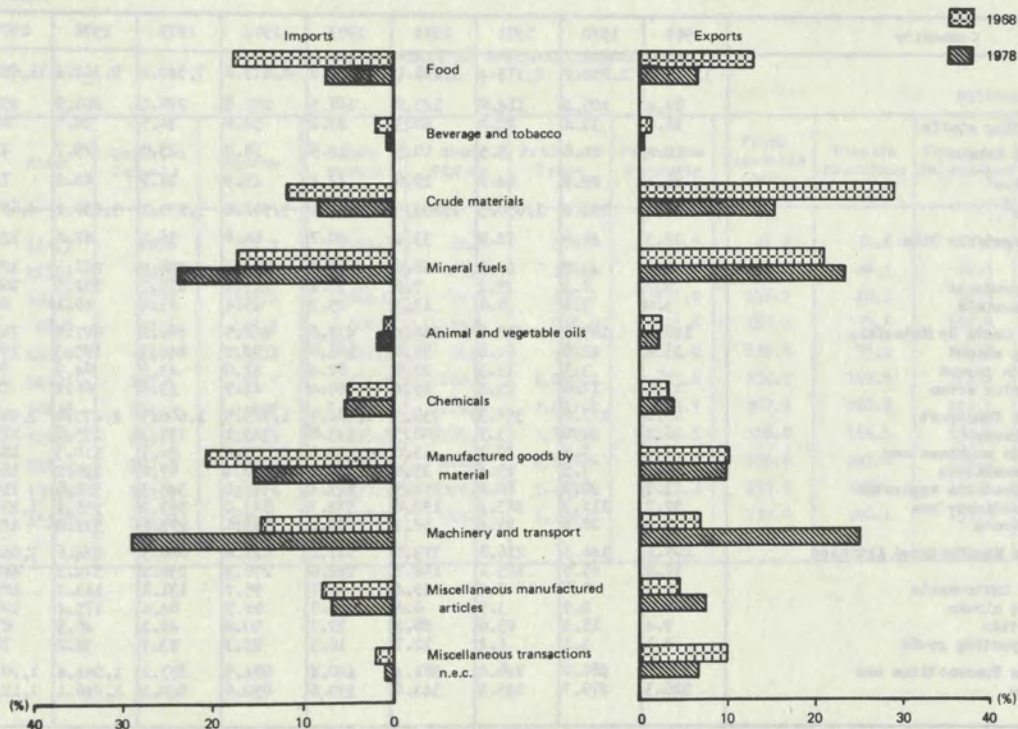
Commodity	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
TOTAL	5,083.8	6,243.6	7,533.8	8,664.0	9,538.0	12,512.9	20,404.9	19,270.4	22,404.5	25,521.9	29,601.3
Food	889.2	907.1	950.5	984.1	1,036.6	1,262.9	1,551.2	1,654.4	1,853.3	2,211.0	2,183.0
Cereals and cereal preparations	256.5	190.5	190.8	161.5	195.5	299.9	447.7	393.2	374.5	436.8	438.3
Fruits and vegetables	200.0	214.8	229.4	236.7	250.3	280.7	338.7	376.8	445.7	487.8	547.2
Coffee and spices	105.2	163.5	178.2	169.9	165.0	204.3	208.2	207.6	312.1	439.6	384.5
Beverages and Tobacco	95.5	129.1	127.9	137.3	128.2	112.7	117.9	130.3	139.4	150.0	176.0
Crude Materials	594.5	889.6	858.9	781.7	822.5	1,460.7	1,648.7	1,229.3	2,023.5	2,278.7	2,470.0
Crude rubber	395.4	655.5	566.1	471.4	480.5	978.8	1,133.2	749.5	1,302.1	1,485.4	1,577.6
Wood	89.4	104.1	121.4	127.7	131.7	191.1	178.3	169.4	270.1	291.5	328.3
Mineral Fuels	875.4	983.5	1,014.9	1,240.7	1,385.4	1,618.2	4,897.8	4,734.1	6,140.9	6,524.2	7,081.5
Petroleum and petroleum products	872.3	981.9	1,012.9	1,236.8	1,383.3	1,614.1	4,891.3	4,730.5	6,136.6	6,519.5	7,074.5
Animal and Vegetable Oils	48.5	73.6	126.0	197.1	148.8	186.4	391.3	242.0	257.8	478.9	491.1
Vegetable oils unprocessed	44.2	68.1	116.7	187.1	139.6	174.7	367.3	198.0	186.6	272.7	190.0
Chemicals	253.7	306.1	386.9	437.1	501.7	723.6	1,220.6	1,119.6	1,116.2	1,319.3	1,597.6
Chemical compounds	49.7	63.4	70.6	76.5	90.7	149.7	289.0	204.3	305.1	311.0	355.1
Plastic materials	31.6	48.1	60.3	73.6	85.2	172.8	240.8	164.5	247.6	307.6	400.1
Manufactured Goods By Material	1,059.0	1,313.3	1,650.9	1,848.8	1,914.6	2,526.6	3,591.8	3,510.3	3,277.4	3,630.7	4,566.5
Textile manufactures	592.0	724.2	810.1	866.9	819.0	1,034.4	973.9	886.9	1,062.5	1,124.7	1,401.4
Non-metal mineral manufactures	71.6	86.2	114.1	135.9	156.4	231.6	342.3	354.5	356.6	406.1	532.7
Iron and steel	136.0	201.3	312.3	349.4	384.0	555.9	1,234.9	1,283.9	767.7	870.1	1,138.8
Metal manufactures	94.4	115.9	160.6	206.0	246.8	267.2	425.9	497.5	458.1	524.8	621.6
Machinery and Transport	747.3	1,089.0	1,718.4	2,209.1	2,648.4	3,498.4	5,405.8	5,046.2	5,794.7	6,738.5	8,607.8
Machinery non-electric	323.6	504.6	843.2	965.5	1,177.7	1,430.6	2,323.0	2,346.0	2,205.5	2,406.6	3,050.2
Electric machinery	172.2	260.8	490.8	568.0	878.0	1,201.0	1,847.8	1,879.2	2,385.7	2,815.7	3,595.2
Transport equipment	251.5	323.6	384.3	644.6	592.6	866.8	1,235.0	821.1	1,203.5	1,516.3	1,962.4
Miscellaneous Manufactured Articles	406.1	428.8	538.7	644.8	727.9	957.5	1,345.9	1,331.3	1,534.0	1,764.9	2,071.4
Scientific instrument	121.0	140.8	191.5	222.0	303.1	360.4	540.8	491.8	580.6	657.0	825.5
Miscellaneous Transactions nes	114.6	123.5	160.7	183.3	223.9	165.9	233.9	272.9	267.3	425.7	356.4

9.6 EXPORTS BY MAJOR COMMODITIES

Million Dollars

Commodity	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
TOTAL	3,890.7	4,740.7	4,755.8	5,371.3	6,149.4	8,906.8	14,154.6	12,757.9	16,265.9	20,090.3	22,985.5
Food	502.2	525.4	549.6	541.8	554.1	617.2	814.0	915.7	947.8	1,389.4	1,488.0
Cereals and cereal preparations	65.4	51.1	54.1	53.5	54.4	82.1	122.8	125.1	77.9	150.5	169.4
Fruits and vegetables	108.5	108.4	102.5	110.3	113.9	114.0	137.8	150.6	165.3	191.9	205.1
Coffee and spices	202.9	216.0	226.2	200.1	184.8	188.1	243.8	259.2	380.2	570.3	594.0
Beverages and Tobacco	48.2	73.0	71.6	69.0	66.0	37.4	38.6	40.9	48.9	65.2	99.9
Crude Materials	1,114.9	1,654.9	1,430.3	1,190.3	1,132.5	2,152.4	2,506.2	1,694.3	2,664.7	3,160.0	3,483.1
Crude rubber	876.9	1,412.0	1,173.3	953.2	853.6	1,636.0	2,050.0	1,320.7	1,995.2	2,255.7	2,480.6
Wood	79.8	104.9	110.9	96.2	131.9	314.6	216.2	153.7	307.0	330.0	408.0
Mineral Fuels	809.8	930.8	822.6	1,145.8	1,168.1	1,367.8	3,693.0	3,451.2	3,783.8	4,874.1	5,329.0
Petroleum and petroleum products	807.2	927.5	818.4	1,138.2	1,159.9	1,356.3	3,654.1	3,407.6	3,743.7	4,834.6	5,279.1
Animal and Vegetable Oils	93.4	84.4	140.2	203.1	150.7	171.5	358.0	245.5	249.3	474.7	513.5
Vegetable oils unprocessed	91.2	82.4	138.6	205.1	147.3	168.2	349.0	232.7	217.3	386.5	347.8
Chemicals	119.5	138.6	128.9	184.6	218.0	393.6	917.1	475.7	609.8	716.1	870.5
Medicinal products	17.8	20.6	22.1	28.9	33.4	84.4	161.8	173.9	194.0	213.7	233.5
Manufactured Goods By Materials	389.9	417.1	423.1	534.7	595.6	920.1	1,069.9	1,086.5	1,328.8	1,602.2	2,259.7
Wood manufactures	38.2	49.4	56.1	78.6	118.4	234.5	199.7	200.7	279.6	297.5	351.4
Textile manufactures	140.7	173.8	164.4	217.9	244.0	353.8	337.7	308.9	443.5	467.3	606.3
Iron and steel	51.6	37.0	39.1	65.4	55.4	93.3	187.5	206.0	187.1	263.3	400.4
Metal manufactures	63.4	64.9	63.5	73.2	74.6	101.8	143.9	158.3	175.7	228.5	287.1
Machinery and Transport	252.7	349.6	520.9	740.5	1,220.6	1,967.8	2,918.6	2,894.6	4,106.7	4,917.0	5,715.1
Machinery non-electric	109.9	124.5	189.6	190.5	493.5	671.9	870.9	889.8	983.5	1,163.8	1,299.5
Electric machinery	50.5	98.4	190.1	361.3	464.9	956.9	1,487.5	1,471.9	2,186.4	2,868.0	3,557.4
Transport equipment	92.3	126.7	141.2	188.7	262.2	339.0	560.1	533.0	936.8	885.2	858.3
Miscellaneous Manufactured Articles	175.6	212.2	247.9	343.4	497.2	695.8	807.5	880.4	1,232.5	1,402.3	1,725.0
Clothing	63.9	85.2	94.7	138.6	223.0	319.7	310.5	277.8	448.7	514.1	672.2
Scientific instrument	30.3	29.9	31.0	46.1	94.7	152.7	180.3	295.4	402.1	377.6	423.7
Miscellaneous Transactions nes	384.5	354.7	420.7	413.1	545.7	583.2	1,031.7	1,073.1	1,293.6	1,489.3	1,501.7

TRADE BY MAJOR COMMODITIES



9.7 DOMESTIC EXPORTS BY MAJOR COMMODITIES

Million Dollars

Commodity	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
TOTAL	1,675.5	1,832.2	2,373.4	3,101.0	4,412.2	8,413.6	7,540.4	9,362.4	11,651.8	13,226.2
Food	89.4	105.4	114.8	123.0	168.5	252.8	278.1	204.9	296.5	343.9
Animal feeding stuffs	38.8	34.4	40.2	40.3	49.2	54.8	36.5	34.7	65.0	64.6
Beverages and Tobacco	12.2	11.8	9.5	10.5	12.9	18.0	25.8	29.7	43.6	74.4
Crude Materials ¹	35.1	29.9	24.2	29.8	42.4	45.9	44.9	62.3	73.9	85.3
Mineral Fuels ²	900.4	792.2	1,058.3	1,094.9	1,274.0	3,562.6	3,233.1	3,632.2	4,697.2	5,224.7
Animal and Vegetable Oils	29.3	48.8	72.9	33.4	40.7	66.8	56.1	62.6	129.4	170.7
Chemicals	43.6	43.3	60.9	68.6	183.9	583.4	208.2	268.3	325.5	389.2
Medicinal products	9.7	8.3	9.1	7.6	57.1	115.5	135.7	152.5	168.8	183.4
Plastic materials	3.0	3.4	8.6	13.3	25.2	49.4	23.4	48.1	66.5	95.1
Manufactured Goods By Materials	140.6	169.9	210.7	266.4	437.6	462.5	486.2	627.6	769.8	1,024.5
Wood simply shaped	33.4	41.8	61.8	92.6	186.0	150.2	144.7	195.3	199.2	252.9
Textile yarn thread	-	3.3	13.3	22.9	62.4	47.0	43.9	84.5	76.4	101.7
Cotton fabrics woven	13.6	17.6	25.2	29.4	40.4	43.9	43.6	66.2	71.5	73.8
Machinery and Transport	81.6	197.6	357.3	739.5	1,284.7	1,925.5	1,686.5	2,475.8	3,051.6	3,436.6
Office machines	0.2	34.0	3.5	268.5	335.8	323.1	175.3	155.8	173.4	156.0
Non-electric machines nes	6.4	5.1	10.2	13.0	22.0	69.9	86.7	118.3	160.4	205.2
Electric generators	0.7	7.5	19.4	39.6	60.9	88.4	87.6	126.2	166.6	193.9
Telecommunications apparatus	3.7	20.5	60.4	152.5	223.4	342.2	348.3	501.8	715.6	939.2
Electric machinery nes	52.7	112.3	223.4	190.6	539.3	843.0	592.2	955.4	1,224.4	1,448.1
Ships and boats	8.4	10.0	29.4	54.3	65.2	188.6	279.2	537.0	479.9	290.7
Miscellaneous Manufactured Articles	109.1	144.5	216.8	373.5	547.1	621.6	668.3	934.6	1,062.8	1,284.0
Clothing	57.2	65.5	103.1	194.7	292.6	276.3	236.2	372.9	440.0	558.9
Scientific instruments	0.5	0.6	7.4	49.4	91.7	95.7	131.8	113.7	125.2	114.9
Watches and clocks	0.4	2.9	3.9	6.6	8.7	16.9	84.6	175.4	108.0	136.3
Printed matter	9.4	15.3	25.6	28.2	32.7	50.0	42.1	48.5	87.7	75.0
Toys and sporting goods	2.1	3.1	6.4	12.7	16.5	23.3	23.7	35.2	78.6	84.7
Miscellaneous Transactions nes	234.2	288.8	248.0	361.4	420.4	874.5	853.2	1,064.4	1,201.5	1,192.9
Oil bunkers	226.3	279.7	235.9	343.8	399.6	850.6	840.3	1,046.1	1,174.7	1,173.2

1 Exclude processed rubber and sawn timber.

2 Figures from 1975 include petroleum naphtha which was previously included under chemicals.

9.8 IMPORTS OF SPECIFIC COMMODITIES

Million Dollars

Year	Rice	Unmilled Cereals	Spices	Crude Rubber	Sawn Timber	Petroleum Crude	Petroleum Products	Fixed Vegetable Oil	Plastic Materials	Paper and Paperboard	Woven Textile Fabrics
1968	164.9	60.8	71.2	393.3	22.3	374.8	497.5	44.2	31.6	65.2	455.1
1969	113.3	52.0	132.2	653.9	27.2	388.4	593.5	68.1	48.1	68.4	571.0
1970	103.5	60.2	147.4	564.0	33.2	436.9	576.0	116.7	60.3	91.0	622.3
1971	88.8	44.8	128.1	468.8	29.5	718.0	518.8	187.1	73.6	105.8	647.5
1972	126.0	44.2	131.4	477.2	36.0	909.4	474.0	139.6	85.2	98.9	630.2
1973	163.1	107.5	151.1	974.4	110.2	1,139.2	475.0	174.7	172.8	161.2	732.8
1974	196.8	204.0	144.5	1,126.8	115.5	3,932.8	958.5	367.3	240.8	229.1	621.3
1975	122.2	211.8	156.3	745.5	105.1	3,597.0	1,133.5	198.0	164.5	134.5	559.0
1976	132.1	181.5	182.7	1,295.2	208.6	4,673.6	1,463.0	186.6	247.6	179.9	712.6
1977	131.5	243.2	217.9	1,477.9	244.0	5,447.2	1,072.3	272.7	307.6	195.1	751.9
1978	151.7	221.9	225.1	1,568.1	267.7	6,258.3	816.2	190.0	400.1	253.3	979.3

9.8 IMPORTS OF SPECIFIC COMMODITIES (continued)

Million Dollars

Year	Steel Plates, Sheets, Bars and Shapes etc	Iron Pipes and Fittings	Generators Power and Electric	Industrial Machinery	Telecom- munication Apparatus	Other Machinery and Equipment	Road Motor Vehicles	Ships and Boats	Clothing	Scientific Instrument	Watches and Clocks
1968	100.6	12.1	93.1	118.1	49.8	174.5	141.7	28.4	92.4	40.6	62.0
1969	141.5	30.9	134.1	219.8	77.2	276.0	202.8	67.1	74.8	50.9	72.2
1970	216.2	56.0	197.6	378.6	109.2	528.8	276.8	61.7	70.7	79.3	88.3
1971	221.1	85.1	244.0	443.8	157.0	605.8	358.3	114.4	85.2	104.0	86.8
1972	255.4	86.9	308.5	434.2	182.7	976.4	290.4	114.3	74.4	142.6	125.8
1973	382.5	95.6	390.6	549.7	244.9	1,236.1	395.2	229.3	90.3	179.2	149.1
1974	739.5	391.8	559.7	1,013.9	365.5	1,906.8	566.8	434.4	133.1	246.8	246.7
1975	520.7	646.0	743.5	821.4	390.4	1,929.0	333.0	298.4	143.4	210.8	233.1
1976	468.1	183.6	780.2	719.1	410.5	2,350.4	432.5	546.2	189.1	236.9	291.7
1977	483.4	307.8	895.9	657.1	517.8	2,763.8	567.7	579.1	220.9	265.2	321.4
1978	650.8	357.9	1,169.3	785.9	586.4	3,609.3	741.4	782.0	256.3	355.5	385.9

9.9 EXPORTS OF SPECIFIC COMMODITIES

Million Dollars

Year	Spices	Coffee	Animal Feed	Crude Rubber	Sawn Timber	Petroleum Products	Fixed Vegetable Oil	Medicinal Products	Plastic Materials	Wood Simply Shaped	Woven Textile Fabrics
1968	88.6	102.1	51.3	868.6	78.5	806.7	91.2	17.8	9.1	35.8	103.6
1969	93.5	111.2	66.4	1,403.5	103.1	927.5	82.4	20.6	15.0	47.2	134.3
1970	126.0	92.5	66.5	1,162.4	109.5	818.1	138.6	22.1	13.4	54.1	128.2
1971	122.6	65.3	75.4	942.8	95.0	1,133.4	205.1	28.9	21.0	76.1	164.6
1972	124.6	45.9	75.7	842.5	131.3	1,157.8	147.3	33.4	26.4	114.5	172.1
1973	118.7	40.5	100.7	1,626.9	313.6	1,354.1	168.2	84.4	54.0	226.7	231.2
1974	156.4	52.0	122.5	2,031.4	213.6	3,652.5	349.0	161.8	114.2	188.4	198.4
1975	182.2	51.0	88.5	1,302.6	152.1	3,355.8	232.7	173.9	59.2	186.5	187.5
1976	204.9	141.5	89.5	1,980.0	305.1	3,743.7	217.3	194.0	93.2	261.1	263.6
1977	243.1	266.1	186.1	2,236.7	319.3	4,782.4	386.5	213.7	121.4	268.0	296.4
1978	296.8	212.5	181.3	2,460.2	390.7	5,256.4	347.8	233.5	155.7	336.0	379.8

9.9 EXPORTS OF SPECIFIC COMMODITIES (continued)

Million Dollars

Year	Steel Plates, Sheets, Bars and Shapes etc	Generators Power and Electric	Office Machines	Industrial Machinery	Telecom- munication Apparatus	Other Machinery and Equipment	Road Motor Vehicles	Ships and Boats	Clothing	Scientific Instrument	Watches and Clocks
1968	27.3	25.6	5.7	45.4	9.3	65.4	83.3	5.7	63.5	8.5	15.5
1969	22.4	26.1	6.1	56.2	15.2	110.4	112.0	10.6	85.2	9.8	13.9
1970	24.5	45.6	40.6	70.0	35.8	178.3	121.0	15.7	94.7	10.3	14.5
1971	30.9	60.9	10.8	84.6	76.4	308.8	141.0	34.1	138.6	21.2	18.8
1972	32.4	104.6	282.2	86.2	171.4	293.1	141.8	66.9	222.9	65.7	21.9
1973	63.7	144.4	356.7	127.2	249.4	714.4	181.4	93.7	319.7	113.4	32.1
1974	117.2	228.2	341.7	193.3	380.5	1,144.0	260.8	244.1	310.4	124.9	48.5
1975	66.0	267.7	207.7	264.1	400.5	1,157.9	190.9	309.0	277.7	173.7	114.5
1976	91.8	346.9	184.7	289.6	567.6	1,710.2	229.2	640.3	448.6	160.7	235.1
1977	102.3	437.7	198.7	314.4	803.9	2,158.4	276.3	532.1	514.1	181.7	184.9
1978	152.2	453.8	187.6	352.2	1,061.6	2,644.8	329.6	410.6	672.2	185.8	223.6

9.10 VOLUME INDEX OF IMPORTS AND EXPORTS

(1972 = 100)

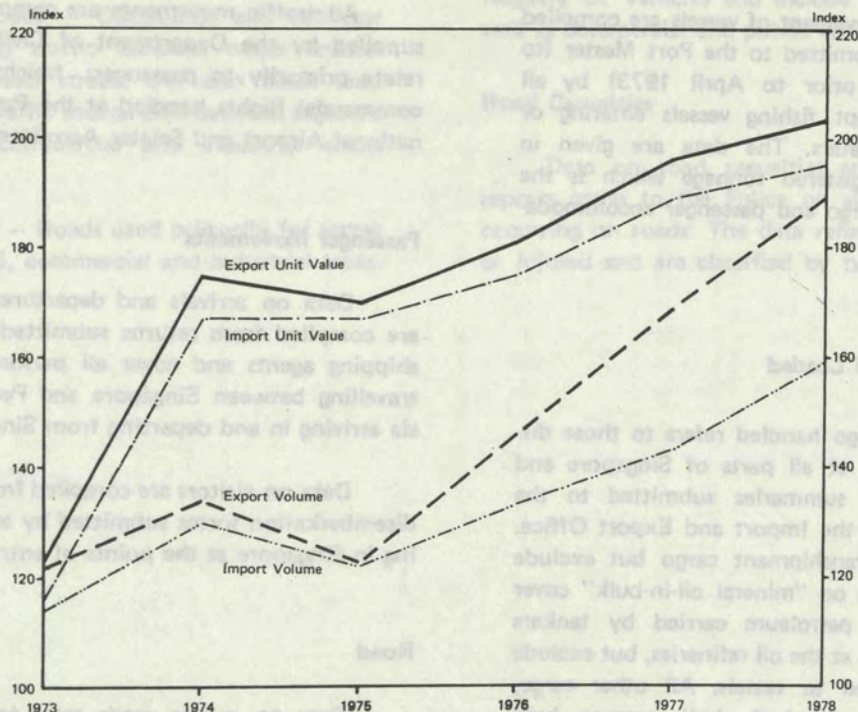
Commodity Section	1973	1974	1975	1976	1977	1978	1977				1978				
	Annual Average						1st Qr	2nd Qr	3rd Qr	4th Qr	1st Qr	2nd Qr	3rd Qr	4th Qr	
IMPORTS															
	TOTAL	114	130	122	133	143	159	135	139	150	148	148	155	159	174
	Food	100	97	101	105	112	114	121	105	105	116	114	112	113	115
	Beverages and Tobacco	88	90	88	88	88	97	97	85	75	93	98	90	92	109
	Crude Materials	122	120	101	134	131	130	141	115	141	128	134	123	130	131
	Mineral Fuels	104	97	82	96	98	105	92	98	102	98	96	102	107	116
	Animal and Vegetable Oils	107	118	64	76	79	53	68	90	83	74	52	40	57	64
	Chemicals	122	135	119	130	147	181	137	144	153	154	158	161	208	195
	Manufactured Goods	114	124	121	119	126	149	114	115	132	143	129	136	169	162
	Machinery and Equipment	123	170	155	174	188	220	171	182	201	198	214	223	203	240
	Miscellaneous Manufactures	117	124	143	166	150	133	154	129	155	161	128	113	129	162
	Miscellaneous	118	152	136	132	157	160	140	152	169	167	147	160	170	161
	EXPORTS														
	TOTAL	122	134	123	146	169	189	161	166	174	176	172	184	195	204
	Food	93	96	102	96	121	135	114	123	109	137	126	131	142	142
Beverages and Tobacco	58	59	59	66	85	121	70	88	93	88	93	115	146	129	
Crude Materials	120	117	101	116	123	125	134	113	121	122	120	115	128	137	
Mineral Fuels	105	111	86	91	111	123	97	110	123	113	118	122	130	123	
Animal and Vegetable Oils	102	98	69	82	104	88	85	98	131	100	88	66	88	109	
Chemicals	128	128	88	118	140	175	124	176	127	133	140	189	175	194	
Manufactured Goods	124	119	133	159	169	224	146	157	160	214	181	225	245	245	
Machinery and Equipment	154	204	178	202	256	322	213	258	265	289	282	299	336	370	
Miscellaneous Manufactures	130	111	91	124	131	161	150	127	111	134	132	152	149	210	
Miscellaneous	114	150	122	161	216	261	192	201	229	242	206	255	286	298	

9.11 UNIT VALUE INDEX OF IMPORTS AND EXPORTS

(1972 = 100)

Commodity Section	1973	1974	1975	1976	1977	1978	1977				1978			
	Annual Average						1st Qr	2nd Qr	3rd Qr	4th Qr	1st Qr	2nd Qr	3rd Qr	4th Qr
TOTAL	IMPORTS													
	116	167	167	175	189	195	184	187	189	194	193	194	196	198
	122	154	158	169	190	184	186	204	191	180	184	189	184	179
	106	113	118	124	134	141	127	129	135	143	140	136	142	147
	148	173	147	187	212	230	211	214	210	214	215	227	236	243
	113	368	417	460	482	484	466	479	489	494	483	491	483	479
	116	226	216	178	247	257	221	250	294	221	214	282	259	271
	122	190	191	177	183	180	172	189	188	182	177	194	171	178
	116	152	150	145	150	160	146	150	151	154	157	158	158	165
	107	124	120	124	135	143	131	133	136	139	141	142	158	150
	108	149	144	147	189	245	169	193	197	198	230	257	252	239
	111	121	134	161	166	198	162	162	165	173	185	184	203	221
	TOTAL	EXPORTS												
123		175	170	181	196	203	189	196	201	197	200	202	204	205
119		151	158	176	208	197	209	232	208	183	208	198	189	194
107		114	113	115	121	127	117	125	122	119	126	131	122	127
162		193	150	202	219	237	209	223	219	223	224	224	239	259
112		287	337	353	371	365	354	371	383	374	360	376	366	357
111		240	231	196	296	390	239	296	349	300	363	389	424	385
133		209	198	257	271	255	279	246	283	274	278	245	256	239
125		152	138	143	159	171	161	151	166	157	190	165	159	170
105		118	126	134	134	143	133	133	134	137	141	143	145	143
111		126	139	160	176	187	152	169	200	182	180	192	197	180
127		178	170	174	163	154	156	162	158	174	168	150	145	152

VOLUME AND UNIT VALUE INDICES OF SINGAPORE EXTERNAL TRADE
1972 = 100



10. TRANSPORT AND COMMUNICATIONS

Vessels Entered and Cleared

Data on the movement of vessels are compiled from declarations submitted to the Port Master (to Director of Marine prior to April 1973) by all merchant ships except fishing vessels entering or leaving Singapore waters. The data are given in number and net registered tonnage which is the close-in space for cargo and passenger accommodation.

Cargo Discharged and Loaded

Volume of cargo handled refers to those discharged and loaded at all parts of Singapore and is based on cargo summaries submitted to the Manifest Section of the Import and Export Office. The data include transshipment cargo but exclude military stores. Data on "mineral oil-in-bulk" cover crude and refined petroleum carried by tankers discharged or loaded at the oil refineries, but exclude bunker fuel supplied to vessels. All other cargo, including vegetable oil-in-bulk, bulk cement, bulk wheat, bulk latex and live animals are shown as "General Cargo and Other Bulk Cargo".

Civil Air Traffic

All traffic movements are compiled from data supplied by the Department of Civil Aviation and relate primarily to passengers, freight and mail on commercial flights handled at the Paya Lebar International Airport and Seletar Aerodrome.

Passenger Movements

Data on arrivals and departures of passengers are compiled from returns submitted by airline and shipping agents and cover all persons except those travelling between Singapore and Peninsular Malaysia arriving in and departing from Singapore.

Data on visitors are compiled from immigration disembarkation forms submitted by all persons arriving in Singapore at the points of entry.

Road

Data on public roads refer to the length of roads in kilometres and are classified into major arterial roads, collector roads and local roads.

Major Arterial Roads — Rural highways and express ways entering the city area, principal road network for through traffic and roads linking principal areas of traffic generation.

Collector Roads — Distributor and collector roads serving traffic between major arterial roads and local streets and also those used mainly for traffic movements between adjacent residential, commercial and industrial areas.

Local Roads — Roads used primarily for access to residential, commercial and industrial areas.

Vehicles Registered

Registration of vehicles is compulsory and except for bicycles, licensing is renewable every six months or a year. The figures are supplied by the Registry of Vehicles and include all private cars as well as commercial and public vehicles.

Road Casualties

Data on road casualties are compiled from reports made to the Police on all traffic accidents occurring on roads. The data refer to persons killed or injured and are classified by type of road users.

10.1 SHIPS REGISTERED IN SINGAPORE

	1975		1976		1977		1978	
	Number at end period	Thousand net registered tons	Number at end period	Thousand net registered tons	Number at end period	Thousand net registered tons	Number at end period	Thousand net registered tons
Total	1,356	5,225	1,580	6,675	1,780	7,514	1,742	7,959
Steamships and motorships of 100 gross tons and above	656	4,944	776	6,313	876	7,105	929	7,570
Non-propelled vessels and vessels below 100 gross tons	700	281	804	362	904	409	813	389

Source: Marine Department

10.2 VESSELS LICENSED IN SINGAPORE

(End of period)

Number

Year	Vessels Other Than Fishing Vessels				Fishing Vessels		
	Total	Native Sailing Craft	Cargo Boats	Passenger Boats	Total	Powered Vessels	Non-Powered Vessels
1968	2,137	67	1,941	129	1,616	726	890
1969	2,255	59	2,044	152	912	565	347
1970	2,320	54	2,069	197	932	571	361
1971	2,491	69	2,197	225	794	573	221
1972	2,902	64	2,346	492	776	535	241
1973	2,788	50	2,276	462	816	529	287
1974	2,631	35	2,150	446	769	509	260
1975	2,287	28	2,001	258	737	499	238
1976	2,308	26	1,996	286	709	493	216
1977	2,233	26	1,910	297	736	539	197
1978	2,995	28	2,490	477	719	546	173

Source: Marine Department
Department of Primary Production

10.3 VESSELS ENTERED AND CLEARED

Year	Total				Vessels of over 75 NRT				Vessels of 75 NRT and under ¹ and Native Crafts of All Types			
	Entered		Cleared		Entered		Cleared		Entered		Cleared	
	Number	NRT (1000)	Number	NRT (1000)	Number	NRT (1000)	Number	NRT (1000)	Number	NRT (1000)	Number	NRT (1000)
1968	33,192	63,742	33,080	63,338	15,614	63,437	15,524	63,037	17,578	305	17,556	301
1969	32,534	64,242	32,541	64,060	16,634	63,901	16,568	63,711	15,900	341	15,973	349
1970	34,068	74,274	33,928	73,499	18,422	73,847	18,269	73,037	15,646	427	15,659	462
1971	35,009	77,992	34,417	77,119	19,073	77,362	18,723	76,449	15,936	630	15,694	670
1972	34,461	89,631	34,532	89,675	18,624	88,731	18,628	88,740	15,837	900	15,904	935
1973	36,511	94,984	36,705	93,994	18,948	93,564	18,884	92,518	17,563	1,420	17,821	1,476
1974	36,187	104,647	36,240	104,586	19,641	103,215	19,617	103,028	16,546	1,432	16,623	1,558
1975	38,518	104,267	38,522	104,332	20,216	102,587	20,201	102,608	18,302	1,680	18,321	1,724
1976	38,289	113,510	38,435	114,313	20,012	111,075	19,995	111,710	18,277	2,435	18,440	2,603
1977	39,088	130,596	39,343	129,890	20,602	128,264	20,616	127,355	18,486	2,332	18,727	2,535
1978	44,306	138,208	44,549	138,405	21,787	135,433	21,829	135,588	22,519	2,775	22,720	2,817

Note: Figures include vessels with cargo and in ballast, and exclude fishing vessels.

¹ Include non-motorised vessels of all tonnages.

10.4 SEABORNE CARGO DISCHARGED AND LOADED

Thousand Freight Tonnes

Year	Discharged			Loaded		
	Total	General Cargo and Other Bulk Cargo	Mineral Oil-in-Bulk	Total	General Cargo and Other Bulk Cargo	Mineral Oil-in-Bulk
1968	22,351.8	5,039.5	17,312.3	14,441.0	3,777.6	10,663.4
1969	23,291.4	5,467.0	17,824.4	15,854.4	4,003.5	11,850.9
1970	27,278.2	6,359.2	20,919.0	16,255.8	4,160.2	12,095.6
1971	29,754.8	7,189.5	22,565.3	19,867.5	4,316.3	15,551.2
1972	35,651.8	7,140.5	28,511.3	21,412.4	4,555.4	16,857.0
1973	38,566.9	8,651.6	29,915.3	22,702.0	5,613.7	17,088.3
1974	37,713.6	9,092.7	28,620.9	22,738.9	5,665.1	17,073.8
1975	33,032.0	9,452.0	23,580.0	19,067.2	5,329.3	13,737.9
1976	37,699.6	10,897.0	26,802.6	20,273.4	6,481.2	13,792.2
1977	39,833.8	11,302.5	28,531.3	24,284.8	7,501.9	16,782.9
1978	44,832.5	13,237.8	31,594.7	28,506.7	9,082.0	19,424.7

10.5 SEABORNE CARGO DISCHARGED BY PORT OF ORIGIN AND LOADED BY PORTS OF DESTINATION

Thousand Freight Tonnes

Port of Origin or Destination	1974		1975		1976		1977		1978	
	Dis- charged	Loaded	Dis- charged	Loaded	Dis- charged	Loaded	Dis- charged	Loaded	Dis- charged	Loaded
Total	37,713.6	22,738.9	33,032.0	19,067.2	37,701.0	20,273.4	39,833.8	24,284.8	44,832.5	28,506.7
Peninsular Malaysia (West Coast)	215.4	1,022.7	194.0	972.2	192.8	689.4	186.6	857.3	189.1	914.3
Peninsular Malaysia (East Coast)	176.6	196.7	195.8	180.4	774.4	273.4	485.8	185.3	1,168.4	188.0
Brunei and Sabah-Sarawak	2,119.6	864.3	1,466.4	905.0	2,080.9	1,106.5	1,398.7	1,123.5	1,631.4	1,311.3
East Thailand, Vietnam, Kimer Republic, Laos and Philippines	1,200.0	3,689.9	1,334.6	2,227.2	1,083.7	909.5	876.5	1,509.9	1,301.4	2,576.5
West Thailand and Burma	70.2	155.4	70.4	161.5	113.6	139.4	154.1	137.1	165.6	204.3
India (East Coast) and Bay of Bengal	108.1	147.8	124.2	194.1	213.0	111.0	209.0	161.7	168.8	963.4
India (West Coast), Pakistan and Sri Lanka	347.4	180.7	215.0	240.1	270.1	149.7	231.2	508.0	293.9	919.4
Hong Kong	367.2	2,992.6	380.5	3,202.5	386.5	3,617.1	432.1	4,384.8	539.9	4,337.2
China, People's Republic of	411.5	69.6	402.7	48.4	630.2	35.5	495.8	59.4	489.9	82.1
Japan	2,425.5	5,120.1	2,603.4	3,042.6	3,140.6	4,487.4	3,393.5	4,453.4	3,559.9	5,535.9
Australia (West Coast) including Cocos and Christmas Islands	258.3	194.2	297.6	106.1	379.4	1,065.0	205.7	672.8	257.6	811.3
Australia (East Coast), New Zealand and Papua	619.1	3,400.6	746.4	2,988.6	651.8	2,594.0	745.6	2,746.6	840.8	2,480.2
United Kingdom	475.8	313.9	342.5	376.2	307.7	363.7	378.7	337.5	408.6	438.5
Europe and Baltic Sea	728.1	656.1	627.4	738.0	640.6	831.7	779.2	827.2	1,242.4	1,122.3
Mediterranean and Black Sea	274.6	337.9	266.8	333.6	207.6	377.8	263.5	496.2	346.2	490.8
Persian Gulf and Gulf of Aden	25,430.5	649.0	21,342.5	718.4	24,106.0	1,016.2	26,343.7	1,322.8	28,651.6	1,529.1
Africa (East and South Coast)	614.9	459.3	488.2	500.3	581.5	438.7	610.9	503.3	686.5	479.5
British Atlantic Ports (North and South America)	27.7	69.3	14.5	52.5	25.6	32.7	26.4	31.9	106.2	26.2
U.S.A. (Atlantic Ports)	537.3	359.2	503.3	468.8	337.3	467.5	461.9	581.9	559.3	827.2
British Pacific Ports (North and South America)	108.6	59.7	123.8	39.2	116.5	64.3	125.2	57.9	228.2	55.6
U.S.A. (Pacific Ports)	368.6	651.1	372.0	552.8	314.2	497.1	1,241.6	403.9	922.5	
Central America	1.5	12.5	17.0	17.0	17.4	36.8	91.2	52.0	36.5	46.4
South America	117.7	198.7	159.9	144.0	199.0	136.6	415.9	134.5	378.1	137.8
Other Ports	709.4	937.6	743.1	857.7	930.6	832.1	1,057.9	1,898.2	1,178.3	2,106.9

10.6 CIVIL AIRCRAFT LANDINGS, PASSENGERS AND MAIL

Year	Landings		Passengers						Mail			
	From Peninsular Malaysia	From Other Countries	Arrivals		Departures		In Transit	From		To		
			Peninsular Malaysia	Other Countries	Peninsular Malaysia	Other Countries		Peninsular Malaysia	Other Countries	Peninsular Malaysia	Other Countries	
Number		Persons						Tonnes				
1968	3,104	8,556	115,552	297,200	111,161	305,695	210,569	202	910	205	992	
1969	3,551	11,009	133,649	393,735	129,921	404,984	264,669	158	1,035	246	1,242	
1970	3,607	13,506	170,120	512,164	167,208	521,422	304,098	138	1,227	232	1,484	
1971	4,540	16,832	207,548	618,164	207,779	628,017	344,775	120	1,162	235	1,279	
1972	5,773	19,536	249,866	779,348	247,942	791,310	466,875	89	1,222	250	1,339	
1973	6,833	22,343	350,299	1,000,446	343,522	1,030,411	583,850	109	1,348	297	1,480	
1974	5,855	24,860	356,336	1,126,896	350,260	1,163,472	631,028	63	1,494	324	1,857	
1975	5,825	26,366	371,804	1,275,277	360,857	1,316,106	712,105	57	1,598	328	2,490	
1976	6,705	26,005	405,732	1,453,773	399,963	1,480,925	795,465	129	1,630	342	2,557	
1977	7,640	25,902	439,257	1,667,453	425,362	1,692,747	899,084	124	1,916	397	2,981	
1978	8,040	27,336	492,486	1,917,769	472,702	1,931,426	935,415	133	2,613	392	2,875	

10.7 AIRCARGO DISCHARGED BY COUNTRY OF ORIGIN AND LOADED BY COUNTRY OF DESTINATION

Tonnes

Country of Origin or Destination	1974		1975		1976		1977		1978	
	Dis- charged	Loaded	Dis- charged	Loaded	Dis- charged	Loaded	Dis- charged	Loaded	Dis- charged	Loaded
Total	23,843	34,286	26,276	39,811	31,431	45,181	35,361	53,142	58,734	64,359
Australia	1,786	3,581	1,545	3,178	1,746	3,955	2,584	3,993	3,445	4,834
France	139	700	201	1,101	399	2,148	412	1,806	1,071	2,150
Germany	462	1,266	743	2,391	824	2,839	1,350	3,160	2,416	3,513
Hong Kong	3,190	1,412	3,696	1,418	4,258	2,118	5,717	3,784	8,444	5,798
India	255	241	255	324	237	330	271	543	2,720	807
Indonesia	1,144	11,499	1,707	11,006	2,091	9,613	2,090	11,059	3,304	11,494
Italy	125	475	167	441	231	550	259	701	749	878
Japan	2,618	1,282	3,501	1,951	4,264	1,959	4,991	2,308	8,107	2,704
Malaysia	1,223	3,781	1,594	3,917	2,533	4,769	2,576	5,286	4,205	6,270
Netherlands	1,904	1,354	1,803	2,541	1,406	1,993	1,416	2,847	1,950	2,984
New Zealand	168	263	263	355	293	358	391	485	882	882
Philippines	159	644	115	683	163	1,053	316	1,105	1,138	988
Scandinavia	363	764	318	880	691	1,102	1,380	1,647	1,907	1,624
Switzerland	187	183	228	337	328	342	476	523	1,449	687
Taiwan	907	482	1,218	509	1,472	531	1,568	702	3,388	775
Thailand	1,827	916	1,480	1,340	1,997	1,325	2,232	1,524	3,452	2,081
United Kingdom	1,336	1,000	1,153	1,950	1,533	1,890	1,664	2,189	1,974	3,547
U.S.A.	2,990	1,171	3,147	944	3,077	1,530	3,098	2,283	5,111	3,367
Other Countries	3,060	3,272	3,142	4,545	3,888	6,776	2,570	7,197	3,022	8,976

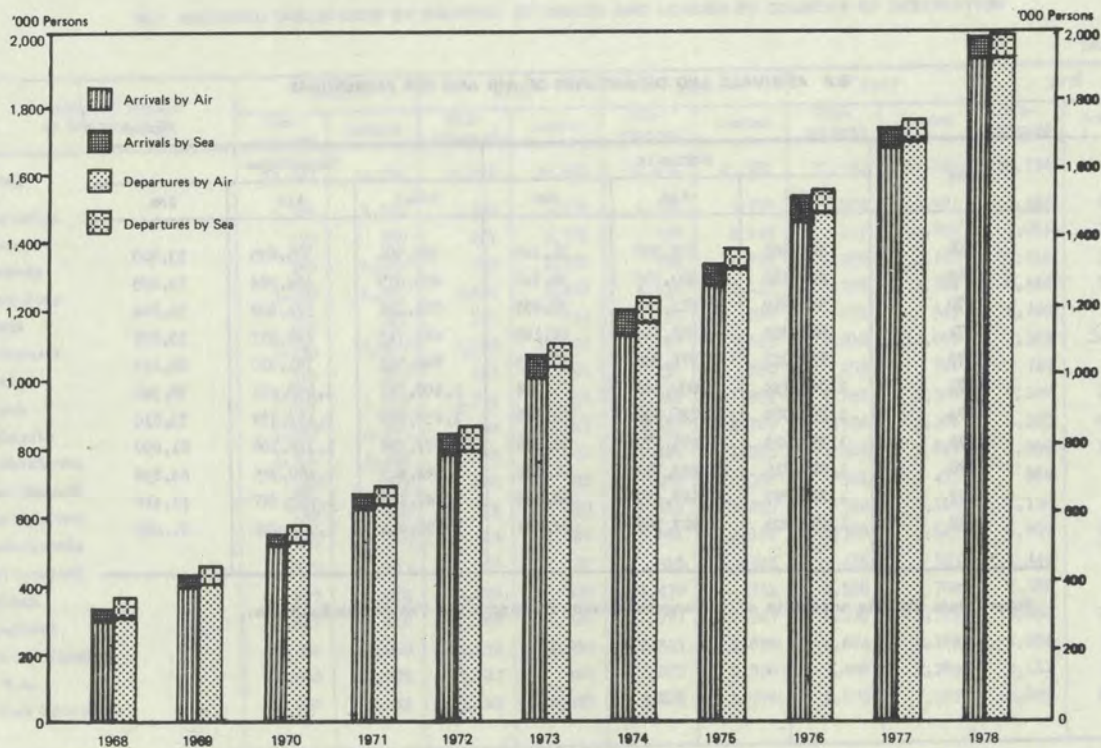
Note: Data exclude air cargo in transit.

10.8 ARRIVALS AND DEPARTURES OF AIR AND SEA PASSENGERS

Year	Number					
	Arrivals			Departures		
	Total	Air	Sea	Total	Air	Sea
1968	328,345	297,200	31,145	359,504	305,695	53,809
1969	428,482	393,735	34,747	458,079	404,984	53,095
1970	546,019	512,164	33,855	573,226	521,422	51,804
1971	662,359	618,164	44,195	683,715	628,017	55,698
1972	838,027	779,348	58,679	860,581	791,310	69,271
1973	1,066,234	1,000,446	65,788	1,100,721	1,030,411	70,310
1974	1,199,584	1,126,896	72,688	1,237,282	1,163,472	73,810
1975	1,337,623	1,275,277	62,346	1,377,798	1,316,106	61,692
1976	1,525,215	1,453,773	71,442	1,544,815	1,480,925	63,890
1977	1,725,797	1,667,453	58,344	1,747,157	1,692,747	54,410
1978	1,982,003	1,917,769	64,234	1,992,611	1,931,426	61,185

Note: Data exclude movements of passengers between Singapore and Peninsular Malaysia.

ARRIVALS AND DEPARTURES OF AIR AND SEA PASSENGERS



10.9 AIR PASSENGERS BY COUNTRY OF EMBARKATION AND DISEMBARKATION

Country of Embarkation or Disembarkation	Number									
	1974		1975		1976		1977		1978	
	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures
Total	1,126,896	1,163,472	1,275,277	1,316,106	1,453,773	1,480,925	1,667,453	1,692,747	1,917,769	1,931,426
Brunei and Sabah-Sarawak	86,503	90,445	100,794	103,071	108,934	111,581	125,126	129,558	135,621	142,543
Indonesia	318,614	311,533	367,838	361,162	407,326	404,510	466,800	458,140	519,931	509,517
Thailand	151,007	145,992	162,092	172,820	188,439	184,966	205,562	191,888	237,680	221,364
Philippines	36,313	34,665	41,146	42,378	49,307	51,653	65,852	67,150	92,627	87,789
India, Pakistan and Sri Lanka	45,237	48,883	49,567	56,033	57,858	63,395	65,886	70,656	84,574	87,157
Hong Kong	102,517	120,117	126,869	129,755	157,810	162,997	181,211	191,172	211,573	206,966
Japan	43,459	34,673	49,053	40,917	59,577	50,679	77,429	74,402	85,554	82,992
Other Countries in Asia	47,389	48,616	47,479	51,748	50,389	53,653	61,731	68,644	87,089	93,072
Oceania	130,931	183,361	155,869	193,091	170,514	213,489	181,733	230,737	199,080	240,567
United Kingdom	80,817	65,565	79,087	71,909	85,191	68,774	97,090	73,854	107,022	99,196
Netherlands	13,123	11,987	18,485	16,876	24,843	21,007	35,889	30,663	43,187	40,906
Other Countries in Europe	64,178	60,694	71,312	71,812	81,457	82,552	92,541	95,582	107,060	110,046
Other Countries	6,808	6,941	5,686	4,534	12,128	11,669	10,603	10,301	6,771	9,311

Note: Data exclude movements of passengers between Singapore and Peninsular Malaysia.

10.10 SEA PASSENGERS BY COUNTRY OF EMBARKATION AND DISEMBARKATION

Country of Embarkation or Disembarkation	Number									
	1974		1975		1976		1977		1978	
	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures
Total	72,688	73,810	62,346	61,692	71,442	63,890	58,344	54,410	64,234	61,185
Brunei and Sabah-Sarawak	2,840	3,182	2,058	3,229	1,978	2,629	1,244	1,564	545	861
Indonesia	38,337	33,141	41,676	38,005	52,349	46,068	39,791	37,195	46,290	42,512
India, Pakistan and Sri Lanka	5,386	8,402	5,423	6,482	3,719	3,801	2,725	3,039	5,635	7,416
Hong Kong	3,276	2,632	1,919	1,300	1,004	963	885	759	504	302
China, People's Republic of	5,607	7,445	3,572	5,400	1,851	3,144	1,956	3,593	2,194	3,783
Oceania	14,818	17,534	6,158	5,826	9,014	6,283	11,569	8,130	8,775	6,150
Other Countries	2,424	1,474	1,540	1,450	1,527	1,002	174	130	291	161

Note: Data exclude movements of passengers between Singapore and Peninsular Malaysia.

10.11 VISITORS BY CITIZENSHIP
(By Air and Sea)

Number

Citizenship	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total	408,709	521,654	632,149	783,015	984,732	1,087,443	1,169,270	1,320,625	1,506,688	1,831,676
Malaysia	41,006	51,616	59,944	71,417	87,879	95,716	91,001	97,034	111,025	285,684
Brunei	3,181	3,570	4,303	5,241	6,232	7,651	10,993	13,646	15,460	14,990
Indonesia	44,592	72,359	85,627	90,722	117,894	146,340	175,519	210,101	260,196	293,662
Thailand	3,468	4,702	6,618	9,507	11,337	14,564	21,998	26,837	31,811	36,062
Philippines	4,765	7,431	11,993	11,826	11,090	15,981	18,267	21,287	24,969	31,161
India	16,207	24,498	23,545	23,666	27,475	30,979	32,852	31,255	34,830	52,641
Pakistan	1,559	1,633	1,881	1,853	3,359	3,590	3,951	4,651	5,891	7,932
Sri Lanka	3,581	3,651	3,948	5,508	7,232	7,416	7,842	7,883	8,876	11,411
China and Taiwan	7,601	9,235	17,699	22,289	25,101	26,788	28,506	29,509	35,633	34,869
Japan	25,546	32,739	45,057	70,280	113,430	110,070	119,868	141,550	190,611	202,745
Australia	46,517	61,453	76,930	104,726	140,573	150,935	166,184	190,062	190,755	187,557
New Zealand	6,228	8,329	9,002	12,916	16,946	22,190	24,201	28,621	35,940	39,060
United Kingdom	49,477	63,159	88,746	113,216	125,331	133,494	122,579	124,187	132,232	148,235
U.K. Dependencies n.e.c.	5,909	9,254	11,338	12,938	16,063	17,650	18,124	19,995	22,748	30,861
France	6,485	8,685	11,079	14,745	21,792	24,017	28,238	35,104	37,686	40,642
Germany	7,214	9,857	14,048	18,800	24,361	29,919	35,367	39,777	44,951	54,226
Italy	2,891	4,856	6,293	8,660	11,247	12,230	14,867	13,592	15,761	21,101
Netherlands	7,023	9,710	13,100	16,980	20,670	22,233	25,837	30,989	38,132	43,284
Other European Countries	15,660	21,233	23,987	31,309	40,011	43,720	45,639	54,496	62,555	72,252
U.S.A.	90,883	89,081	91,403	105,251	117,777	125,998	130,455	147,260	143,324	144,368
Canada	5,009	8,043	7,736	9,655	11,416	13,025	14,916	16,902	19,264	19,625
Other Countries n.e.c.	13,907	16,560	17,872	21,510	27,516	32,937	32,066	35,887	44,038	59,308

Note: Figures prior to 1978 exclude Malaysian visitors embarking direct from Peninsular Malaysia.

10.12 VISITORS BY COUNTRY OF RESIDENCE

(By Air and Sea)

Number

Country	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total	408,709	521,654	632,149	783,015	984,732	1,087,443	1,169,270	1,320,625	1,506,688	1,831,676
Malaysia	55,804	66,374	75,980	87,569	105,638	113,882	109,700	115,277	128,433	301,288
Brunei	5,677	6,398	7,911	9,953	12,345	13,745	18,062	21,579	24,376	27,026
Indonesia	50,902	81,150	98,492	107,602	139,127	172,231	207,197	245,719	300,367	334,924
Thailand	6,995	8,812	11,338	14,631	16,602	20,155	27,401	32,162	36,716	40,487
Philippines	6,402	9,438	14,401	14,196	12,774	17,745	19,992	23,285	27,159	34,066
India	11,686	20,018	18,664	18,792	21,789	24,342	25,606	23,285	24,501	39,650
Pakistan	1,550	1,761	1,997	1,785	3,109	3,272	3,659	4,149	5,237	6,981
Sri Lanka	3,368	3,339	3,497	4,740	6,379	6,497	6,764	6,697	7,281	9,130
China and Taiwan	3,234	4,761	8,715	11,088	12,900	15,804	17,120	18,057	23,164	30,147
Japan	26,343	33,608	46,153	71,271	113,398	109,268	118,668	139,539	188,921	198,986
Australia	55,903	77,007	106,544	139,401	174,082	184,328	194,246	217,008	216,103	212,293
New Zealand	6,386	8,842	11,195	16,778	21,644	27,370	28,758	34,723	44,120	47,941
United Kingdom	29,523	37,131	47,950	65,842	76,178	83,244	74,368	72,759	78,198	88,640
U.K. Dependencies n.e.c.	13,797	17,674	25,035	30,090	35,985	36,560	37,790	40,692	44,652	48,273
France	4,184	5,873	7,973	11,208	17,303	19,000	22,772	28,845	31,031	33,298
Germany	5,443	7,538	10,978	15,306	20,210	25,535	31,045	35,555	39,909	49,541
Italy	2,666	4,435	5,658	7,764	10,525	11,428	13,987	12,854	15,011	19,662
Netherlands	4,248	6,288	8,574	11,251	14,098	15,229	18,506	23,099	29,581	34,712
Other European Countries	12,367	17,153	18,695	25,398	33,246	37,408	39,534	48,930	56,317	65,819
U.S.A.	80,171	76,560	76,183	87,058	98,558	104,132	106,241	122,303	118,076	118,932
Canada	3,959	6,815	6,246	7,942	9,515	11,094	12,672	14,619	16,383	16,373
Other Countries n.e.c.	18,101	20,679	19,970	23,350	29,327	35,174	35,182	39,489	51,152	73,507

Note: Figures prior to 1978 exclude Malaysian visitors embarking direct from Peninsular Malaysia.

10.13 VISITORS BY COUNTRY OF EMBARKATION
(By Air and Sea)

Country	Number											
	1973		1974		1975		1976		1977		1978	
	Air	Sea	Air	Sea	Air	Sea	Air	Sea	Air	Sea	Air	Sea
Total	934,020	50,712	1,026,764	60,679	1,104,866	64,404	1,251,339	69,286	1,443,656	63,032	1,724,280	107,396
Peninsular Malaysia	106,452	239	115,251	247	122,223	712	127,765	999	147,699	780	301,077	36,893
Brunei and Sabah-Sarawak	61,861	4,362	69,587	2,079	77,428	1,261	83,288	1,286	97,596	903	100,989	1,442
Indonesia	217,592	20,777	255,575	35,837	290,722	45,195	324,109	47,555	376,125	39,741	406,302	44,880
Thailand	109,751	58	120,000	59	119,415	247	137,186	58	154,082	47	175,187	254
Philippines	22,993	12	29,584	138	33,406	739	36,289	649	44,941	737	58,863	297
India, Pakistan and Sri Lanka	31,178	1,286	35,187	1,523	37,766	1,878	41,246	1,192	46,194	1,314	61,310	4,673
Hong Kong	71,150	2,152	69,958	1,966	77,432	675	92,477	612	106,119	817	117,080	903
Taiwan	7,841	113	10,044	107	12,437	93	16,620	36	19,154	45	21,853	134
Japan	46,573	972	46,505	498	55,668	496	71,840	690	99,368	428	105,525	651
Other Countries in Asia	15,452	2,117	19,267	2,300	16,599	1,157	15,570	550	22,496	437	31,103	803
Australia, New Zealand and Papua New Guinea	107,107	16,905	111,080	14,143	120,038	6,855	139,788	7,813	145,372	10,926	148,994	9,759
United Kingdom	74,115	72	74,228	93	64,596	32	68,615	25	76,688	28	78,157	66
Other Countries in Europe	54,973	82	56,837	212	61,889	105	77,250	203	92,467	329	100,379	534
U.S.A.	2,701	612	7,535	323	10,499	361	14,503	204	11,364	194	6,101	431
Africa	359	78	1,275	61	1,431	52	1,051	8	271	28	300	218
Other Countries n.e.c.	3,922	875	4,851	1,093	3,317	4,546	3,742	7,406	3,720	6,278	11,060	5,458

Note: Figures prior to 1978 exclude Malaysian visitors embarking direct from Peninsular Malaysia.

10.14 VISITORS BY PURPOSE OF VISIT

(By Air and Sea)

Year	Number				
	Total	Vacation	Business	Business/ Vacation	Others
1969	408,709	242,486	67,842	36,589	61,792
1970	521,654	317,312	83,206	46,617	74,519
1971	632,149	380,292	95,619	57,178	99,060
1972	783,015	459,491	108,698	70,521	144,305
1973	984,732	603,489	126,044	87,027	168,172
1974	1,087,443	652,827	140,026	102,473	192,117
1975	1,169,270	728,486	146,505	110,030	184,249
1976	1,320,625	858,608	156,561	116,325	189,131
1977	1,506,688	992,672	180,175	130,007	203,834
1978	1,831,676	1,145,212	217,760	138,253	330,451

Note: Figures prior to 1978 exclude Malaysian visitors embarking direct from Peninsular Malaysia.

10.15 RETURNING SINGAPORE RESIDENTS BY COUNTRY OF EMBARKATION
(By Air and Sea)

Country	Number							
	1971	1972	1973	1974	1975	1976	1977	1978
Total	77,920	97,671	127,509	148,192	173,221	186,369	208,973	230,167
Peninsular Malaysia	3,163	3,836	4,106	4,241	3,662	3,749	3,807	-
Brunei and Sabah-Sarawak	9,943	10,035	10,968	13,185	16,008	18,378	20,347	20,194
Indonesia	18,845	23,297	34,863	47,982	56,689	56,069	57,012	53,955
Thailand	6,108	9,144	14,223	17,964	24,837	25,111	27,693	31,578
Philippines	828	749	1,182	3,025	4,498	7,544	11,842	11,722
India, Pakistan and Sri Lanka	7,685	8,662	10,740	9,897	9,976	11,374	13,483	14,237
Hong Kong	14,653	17,758	21,833	20,220	23,161	28,862	32,819	32,255
Taiwan	1,452	2,089	4,047	4,985	5,467	6,188	6,603	7,511
Japan	1,092	1,316	1,960	1,854	1,897	2,141	3,327	3,288
Other Countries in Asia	4,906	5,841	7,374	7,834	5,852	3,359	5,607	6,375
Australia, New Zealand and Papua New Guinea	4,284	4,736	5,135	5,717	6,071	7,131	8,189	8,159
United Kingdom	2,492	7,095	7,234	6,965	8,135	8,680	10,443	10,907
Other Countries in Europe	1,967	2,030	2,648	2,744	3,274	4,022	5,100	5,931
U.S.A.	122	85	178	459	643	791	810	1,046
Africa	25	26	13	11	27	64	22	27
Other Countries n.e.c.	355	972	1,005	1,109	3,024	2,906	1,869	22,982

Note: Figures prior to 1978 exclude returning residents of Singapore and Malaysian citizenship embarking direct from Peninsular Malaysia. From 1978, all returning residents embarking direct from Peninsular Malaysia are excluded.

10.16 PUBLIC ROADS

(End of period)

Kilometres

Year	Total	Major Arterial Roads	Collector Roads	Local Roads Improved	Local Roads Unimproved
1968	1,912	229	109	901	673
1969	1,930	233	111	958	628
1970	1,938	240	113	1,011	574
1971	1,973	241	113	1,059	560
1972	2,070	244	113	1,225	488
1973	2,139	248	114	1,281	496
1974	2,155	250	115	1,300	490
1975	2,167	257	122	1,337	451
1976	2,218	275	138	1,393	412
1977	2,237	281	140	1,430	386
1978	2,267	297	142	1,473	355

Source: Public Works Department

10.17 VEHICLES REGISTERED
(End of period)

Year	Motor Vehicles							Non-motor Vehicles				Number
	Total	Motor Cars		Buses	Goods Vehicles	Motor Cycles and Scooters	Others ¹	Total	Bicycles	Tricycles	Others ²	
		Private	Public									
1968	246,640	121,102	5,413	1,907	27,652	90,283	283	380,436	354,481	20,212	5,743	
1969	267,799	130,088	5,460	2,184	30,506	99,265	296	388,622	362,172	20,732	5,718	
1970	290,423	142,568	5,048	2,942	34,336	105,214	315	399,156	372,276	21,117	5,763	
1971	314,124	155,956	5,934	3,959	38,288	109,655	332	409,634	382,428	21,474	5,732	
1972	337,364	168,991	6,025	4,343	42,022	115,619	364	420,013	392,341	21,965	5,707	
1973	367,541	187,972	6,326	4,775	45,314	122,714	440	433,825	406,119	22,213	5,493	
1974	276,866	142,674	6,306	4,779	36,424	84,849	1,834	454,585	426,821	22,346	5,418	
1975	280,378	142,045	6,492	4,935	41,363	83,145	2,398	476,821	448,836	22,527	5,458	
1976	279,864	135,499	6,581	5,217	45,733	84,016	2,818	506,437	478,309	22,599	5,529	
1977	289,954	134,903	7,201	5,442	49,502	89,840	3,066	530,526	502,489	22,651	5,386	
1978	309,384	137,240	9,124	5,874	55,608	98,248	3,290	552,384	524,203	22,404	5,777	

Note: With effect from January 1974, the records on motor vehicles are computerised. Figures from 1974 onwards are not comparable with those of earlier years.

Source: Registry of Vehicles

1 Including hearses, tuition lorries and cranes, exempted lorries and tippers, road rollers, tractors, vans, vehicles used for specific purposes and others.

2 Including handcarts, trawlers and trishaws.

10.18 ROAD CASUALTIES

Persons

Year	Total		Pedestrians		Pedal Cyclists ¹		Motor Cyclists and Passengers		Motor Vehicle Drivers and Passengers		Others	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
1968	312	9,264	134	3,046	36	949	88	3,305	54	1,936	-	28
1969	302	9,918	144	3,226	33	1,120	77	3,603	48	1,959	-	10
1970	287	9,932	131	3,119	21	945	80	3,364	53	2,465	2	39
1971	341	9,842	162	3,055	52	988	57	2,964	69	2,777	1	58
1972	390	10,819	179	3,295	25	850	73	3,070	112	3,517	1	87
1973	380	11,472	185	3,533	45	913	94	3,263	52	3,647	4	116
1974	288	9,735	117	3,021	30	904	59	2,599	74	3,106	8	105
1975	282	8,566	120	2,600	30	811	72	2,277	55	2,794	5	84
1976	286	9,400	132	2,582	27	1,009	58	2,576	64	3,120	5	113
1977	271	10,586	125	2,704	33	940	66	3,448	43	3,399	4	95
1978	280	12,504	103	2,550	27	931	88	4,435	62	4,509	-	79

1 Include trishaw riders and passengers.

Source: Police Department

10.19 POSTAL ARTICLES HANDLED

Thousands

Year	Total	Letters	Postcards	Printed Matters	Airmail Correspondence 1st Class	Registered Articles	Parcels	Unregistered Government Franked Correspondence	Others
1968	197,634	54,658	1,216	71,843	36,464	6,645	1,523	25,277	8
1969	219,009	55,857	1,514	86,231	37,208	6,921	1,657	29,614	7
1970	239,058	56,198	2,026	100,372	42,153	7,061	1,757	29,480	11
1971	268,094	70,322	1,742	118,780	43,331	8,188	1,766	23,945	20
1972	282,824	81,722	1,794	123,521	46,633	8,122	1,759	19,258	15
1973	299,148	144,895	2,616	65,447	57,723	8,148	1,804	18,498	17
1974	315,142	144,618	2,547	73,568	58,647	9,397	1,711	24,636	18
1975	331,447	158,352	1,772	72,432	59,761	10,514	1,650	26,953	13
1976	350,172	161,404	2,359	82,211	59,845	11,195	1,664	31,483	11
1977	367,500	161,246	1,668	81,727	79,805	11,697	1,735	29,615	7
1978	392,893	187,779	1,412	77,451	86,416	12,681	1,588	25,560	6

Source: Postal Department

10.20 TELECOMMUNICATIONS

Thousands

Year	Telegrams		Telex Calls		International Telephone Calls ¹	Total Number of Telephones Installed (End of period)
	Peninsular Malaysia	Other Countries	Peninsular Malaysia	Other Countries		
	Out-Going					
1968	361	750	30	47	141	119
1969	357	798	31	66	182	136
1970	176	910	33	103	255	161
1971	96	972	28	176	350	190
1972	86	1,015	37	319	431	218
1973	76	1,140	44	528	577	250
1974	74	1,039	61	914	707	280
1975	68	840	110	1,552	843	318
1976	55	798	176	2,154	1,077	374
1977	45	800	244	2,812	1,301	455
1978	45	739	304	3,976	1,760	540

1 Figures exclude calls to Peninsular Malaysia.

Source: The Telecommunication Authority of Singapore

11. FINANCE AND INSURANCE

Banking

Banking Statistics are compiled from returns submitted to the Monetary Authority of Singapore by banks operating in Singapore. From June 1967, the Commissioner of Banking in the Ministry of Finance Singapore was responsible for the compilation of statistics from the banking schedules. The Monetary Authority of Singapore, established on 1st January 1971, took over the functions of the Commissioner of Banking relating to the licensing and regulation of banking business from the same year.

Finance Companies

Finance Companies Statistics are compiled from monthly returns submitted to the Monetary Authority of Singapore under the Finance Companies Act. Prior to the formation of the Authority in January 1971, these statistical returns were submitted to the Commissioner of Finance Companies under the Ministry of Finance.

Asian Dollar Market

The Asian dollar market was officially established in October 1968 when approval was first given for a bank to operate an Asian Currency Unit (ACU). Since then, a number of merchant banks have also been given approval to operate Asian Currency Units. Data on ACUs are compiled from returns submitted regularly by the ACU operators to the Monetary Authority of Singapore.

Insurance

Data on insurance are compiled by the Commissioner of Insurance since 1965 from returns submitted by all insurance companies in Singapore.

Post Office Savings Bank

The Post Office Savings Bank of Singapore which had been under the charge of the Post Master General, was incorporated as a statutory corporation in January 1972 under the Post Office Savings Bank of Singapore Act, 1971 (No. 13 of 1971). The principal objectives of the Bank are to provide a means for

the deposit of savings, to encourage thrift and to mobilise domestic savings for the purpose of public development. All savings are fully guaranteed by Government.

Central Provident Fund

Members of the Central Provident Fund Board who have attained the age of fifty-five or are physically or mentally incapacitated from ever continuing in any employment are entitled to withdraw from the Fund. Non-citizens leaving Singapore and Peninsular Malaysia permanently with no intention to return are

normally also allowed to withdraw from the Fund. Since 1st September 1968, members can use their deposits to purchase Housing and Development Board flats. This regulation was amended in 1975 to cover the purchase of flats from the Jurong Town Corporation under the Approved Housing Scheme and also to allow members whose monthly family income does not exceed \$4,000 to use their balances in the Fund for the purchase of flats built by the Housing & Urban Development Company (Pte) Ltd.

Data on amount of the Central Provident Fund due to members refer to the amount standing to the credit of members and include interest earned.

11.1 CURRENCY IN CIRCULATION

(End of period)

Year	Gross Circulation			Active Circulation ¹	Ratio of Active to Gross Circulation
	Total	Notes	Coins		
	Million Dollars				Per Cent
1968	525.3	504.5	20.8	478.7	91.1
1969	645.4	594.7	50.7	568.6	88.1
1970	753.1	699.9	53.2	681.9	90.5
1971	878.9	818.5	60.4	806.0	91.7
1972	1,097.9	1,029.2	68.7	1,004.8	91.5
1973	1,227.6	1,157.0	70.6	1,114.4	90.8
1974	1,447.2	1,367.0	80.2	1,306.4	90.3
1975	1,802.5	1,690.3	112.2	1,637.7	90.9
1976	2,119.2	1,997.5	121.7	1,946.8	91.9
1977	2,431.2	2,297.7	133.5	2,242.6	92.2
1978	2,822.0	2,675.8	146.2	2,582.8	91.5

Note: Figures exclude Singapore's estimated share of the currency issued by the Board of Commissioners of Currency, Malaya and British Borneo.

Source: Board of Commissioners of Currency, Singapore

- 1 Refers to gross circulation less commemorative coins issued by the Board of Commissioners of Currency, Singapore and amounts held by Government Treasuries and Banks.

11.2 MONEY SUPPLY AND QUASI MONEY
(End of period)

Million Dollars

Year	Money Supply and Quasi Money	Money Supply			Quasi Money ²
		Total	Currency in Active Circulation ¹	Demand Deposits of Private Sector	
1968	2,734.1	1,172.3	501.5	670.8	1,561.8
1969	3,252.9	1,341.7	568.6	773.1	1,911.2
1970	3,782.6	1,574.3	681.9	892.4	2,208.3
1971	4,204.6	1,759.9	806.0	953.9	2,444.7
1972	5,281.7	2,384.8	1,004.8	1,380.0	2,896.9
1973	6,103.2	2,632.7	1,114.4	1,518.3	3,470.5
1974	6,924.8	2,858.8	1,306.4	1,552.4	4,066.0
1975	8,164.2	3,472.2	1,637.7	1,834.5	4,692.0
1976	9,202.5	4,000.0	1,946.8	2,053.2	5,202.5
1977	9,806.3	4,412.1	2,242.6	2,169.5	5,394.2
1978	10,862.4	4,926.0	2,582.8	2,343.2	5,936.4

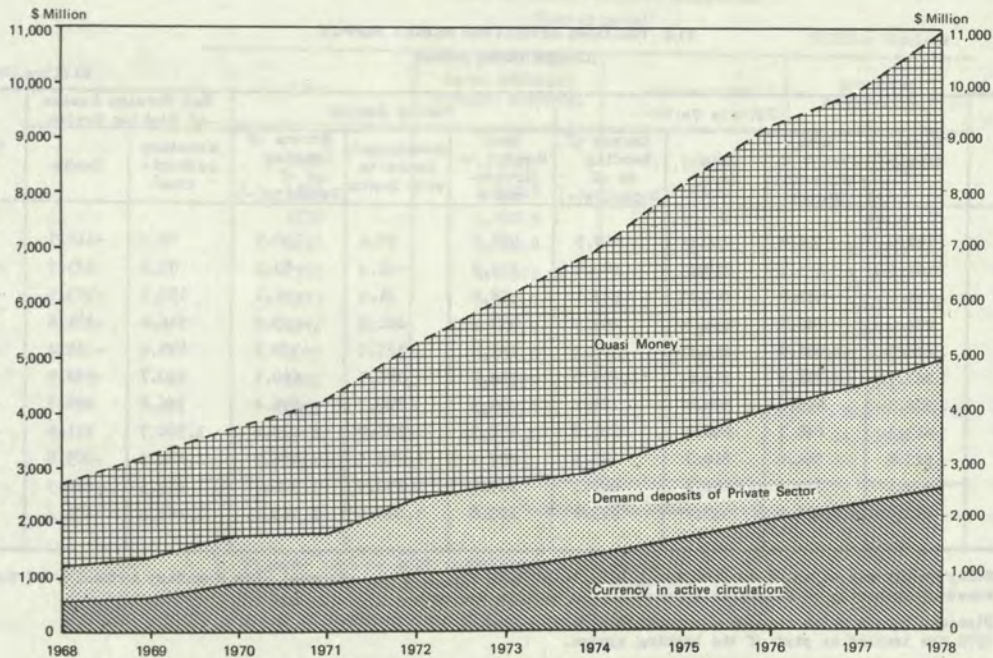
Source: The Monetary Authority of Singapore

Note: Money Supply was adjusted as from April 1971 to include The Monetary Authority of Singapore as part of the banking system.

1 See note and footnote 1 to Table 11.1.

2 Refers to fixed, savings and other deposits of private sector and includes S\$ negotiable certificates of deposits from May 1975.

MONEY SUPPLY AND QUASI MONEY



11.3 FACTORS AFFECTING MONEY SUPPLY
(Changes during period)

Million Dollars

Year	Money Supply	Private Sector			Public Sector			Net Foreign Assets of Banking System		Others
		Bank Credit to Private Sector	Quasi Money	Excess of Lending or of Deposits(-)	Bank Credit to Government	Government Deposits with Banks	Excess of Lending or of Deposits(-)	Monetary Authorities ¹	Banks	
1968	199.6	314.7	334.6	-19.9	358.0	27.1	330.9	52.3	-115.5	-48.2
1969	169.4	453.1	349.4	103.7	-105.7	-16.4	-89.3	87.9	175.5	-108.4
1970	232.6	540.2	297.1	243.1	78.0	31.9	46.1	153.5	-103.5	-106.6
1971	254.6	486.2	333.7	152.5	298.4	401.4	-103.0	516.0	-271.8	-39.1
1972	624.9	1,062.5	452.2	610.3	217.8	527.0	-309.2	892.4	-362.4	-206.2
1973	247.9	1,968.8	573.6	1,395.2	-234.8	385.7	-620.5	740.7	-592.5	-675.0
1974	226.1	699.6	595.5	104.1	52.9	709.3	-656.4	946.8	420.7	-589.1
1975	613.4	848.7	626.0	222.7	158.5	1,188.9	-1,030.4	1,560.7	211.8	-351.4
1976	527.8	744.0	510.5	233.5	297.6	1,484.5	-1,186.9	1,774.3	-205.8	-87.3
1977	412.1	872.4	191.7	680.7	163.8	1,550.5	-1,386.7	977.5	-210.9	351.5
1978	513.8	1,516.0	542.2	973.8	120.8	1,886.6	-1,765.8	1,365.2	-679.4	620.0

Notes: Money supply was adjusted as from April 1971 to include The Monetary Authority of Singapore as part of the banking system.

Source: The Monetary Authority of Singapore

Discount houses which commenced operation from 27 November 1972 are treated as part of the banking system.

- 1 Refers to The Monetary Authority of Singapore and the Board of Commissioners of Currency, Singapore.

11.4 OFFICIAL FOREIGN RESERVES
(End of period)

Million Dollars

Year	Total Official Foreign Reserves	Government	Monetary ¹ Authorities
1968	2,180.7	1,539.4	641.3
1969	2,530.5	1,783.0	747.5
1970	3,097.9	2,199.5	898.4
1971	4,094.8	2,425.6	1,669.2
1972	4,929.9	2,468.9	2,461.0
1973	5,800.1	2,662.6	3,137.5
1974	6,502.9	2,419.2	4,083.7
1975	7,486.0	1,804.3	5,681.7
1976	8,261.5	476.0	7,785.5
1977	9,022.9	-	9,022.9
1978	11,473.8	-	11,473.8

Source: The Monetary Authority of Singapore

- ¹ Figures include gold tranche and prior to the formation of The Monetary Authority of Singapore in January 1971 refer to foreign assets of Board of Commissioners of Currency, Singapore.

11.5 ASSETS OF BANKS

(End of period)

Million Dollars

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total	3,674.1	4,274.3	5,041.6	6,062.9	8,190.9	10,719.3	12,404.8	14,416.6	16,526.8	18,238.0	21,218.3
Cash	38.0	48.1	43.2	45.8	62.8	70.4	97.1	107.0	105.3	115.1	154.6
Amounts Due from Banks	726.7	859.0	940.8	1,092.4	1,660.3	1,746.5	2,665.5	3,052.7	3,528.7	3,712.5	4,331.5
In Singapore	439.8	546.6	609.8	623.8	1,092.3	874.1	1,444.6	1,486.8	1,370.5	1,263.6	1,616.2
Outside Singapore ¹	286.9	312.4	331.0	468.6	568.0	872.4	1,220.9	1,565.9	2,158.2	2,448.9	2,715.3
Balances with MAS ²	111.0	105.1	129.0	147.4	232.7	593.9	444.9	454.1	511.7	546.3	633.1
Money at Call with Discount Houses ³	-	-	-	-	94.0	354.5	392.7	415.9	491.4	525.7	623.3
S\$ Negotiable Certificates of Deposits held	-	-	-	-	-	-	-	381.2	380.1	292.6	198.4
Investments in Securities and Equities	880.3	821.9	920.8	1,276.5	1,438.2	1,156.6	1,240.8	1,437.7	1,775.3	1,911.4	2,010.1
In Singapore	784.5	724.1	827.6	1,176.2	1,324.5	1,066.7	1,150.2	1,359.9	1,694.2	1,847.3	1,944.8
Outside Singapore	95.8	97.8	93.1	100.3	113.7	89.9	90.6	77.8	81.1	64.1	65.3
Loans and Advances including Bills Financing	1,714.9	2,212.3	2,722.1	3,169.7	4,292.8	6,271.2	6,930.4	7,829.3	8,894.2	10,183.0	12,226.4
Bills discounted or purchased	363.4	485.2	554.4	554.7	727.6	1,124.7	1,233.4	1,326.2	1,622.5	2,352.2	2,827.5
External	114.9	204.5	199.7	211.1	293.4	418.2	443.6	484.9	714.1	1,090.3	1,413.5
Internal	248.5	280.7	354.7	343.6	434.2	706.5	789.8	841.3	908.4	1,261.9	1,414.0
Loans and Advances	1,351.5	1,727.1	2,167.7	2,615.0	3,565.2	5,146.5	5,697.0	6,503.1	7,271.7	7,830.8	9,398.9
All Other Assets	203.2	227.9	285.7	331.1	410.1	526.2	633.4	738.7	840.1	951.4	1,040.9

1 Commencing March 1971 figures include Asian Currency Units.

Source: The Monetary Authority of Singapore

2 Figures for 1973 includes Special Deposits with the Monetary Authority of Singapore. This requirement was subsequently lifted effective March 1974.

3 Discount houses commenced operations in November 1972.

11.6 LIABILITIES OF BANKS

(End of period)

Million Dollars

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total	3,674.1	4,274.3	5,041.6	6,062.9	8,190.9	10,719.3	12,404.8	14,416.6	16,526.8	18,238.0	21,218.3
Deposits of Non-bank Customers	2,309.7	2,745.4	3,194.9	3,745.8	4,736.7	5,799.8	6,585.8	7,606.0	8,488.5	8,969.5	10,045.7
Demand deposits	733.6	811.6	947.7	1,082.9	1,557.4	1,786.2	1,806.5	2,111.1	2,378.2	2,513.9	2,732.1
Fixed deposits	1,240.2	1,562.9	1,818.3	2,167.8	2,550.2	3,264.8	4,000.3	4,565.9	5,062.4	5,328.3	6,045.3
Savings deposits	320.6	355.3	412.9	480.4	602.8	708.5	738.5	890.6	999.2	1,069.5	1,211.2
Other deposits	15.3	15.6	16.0	14.7	26.3	40.3	40.5	38.4	48.7	57.8	57.1
S\$ Negotiable Certificates of Deposits held	-	-	-	-	-	-	-	527.6	617.8	513.4	455.3
Amounts Due to Banks	839.1	876.4	1,045.7	1,438.3	2,361.9	3,063.0	3,475.7	3,695.6	4,432.0	5,044.2	6,624.7
In Singapore	426.8	533.3	599.5	635.6	1,104.3	964.9	1,470.2	1,515.7	1,372.2	1,271.7	1,718.7
Outside Singapore ¹	412.3	343.1	446.2	802.7	1,257.6	2,098.1	2,005.5	2,179.9	3,059.8	3,772.5	4,906.0
All Other Liabilities	525.3	652.5	801.0	878.8	1,092.3	1,856.5	2,343.3	2,587.4	2,988.5	3,710.9	4,092.6

Source: The Monetary Authority of Singapore

¹ Commencing March 1971 figures include Asian Currency Units.

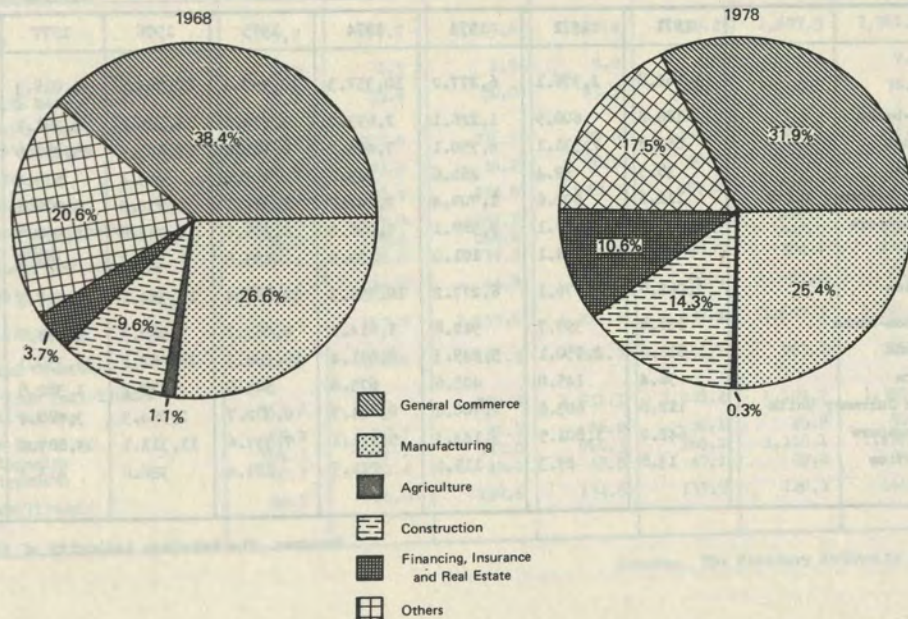
11.7 BANKS' LOANS AND ADVANCES TO NON-BANK CUSTOMERS BY INDUSTRY
(End of period)

Million Dollars

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total	1,351.5	1,727.1	2,167.7	2,615.0	3,565.2	5,146.5	5,697.0	6,503.1	7,271.8	7,830.8	9,398.9
Singapore Government and Other Public Authorities	-	-	0.5	-	0.3	-	0.1	-	12.3	11.7	13.1
Agriculture	14.8	16.4	25.1	23.8	22.4	25.3	31.9	26.8	31.0	29.8	28.2
Mining and Quarrying	11.0	11.9	16.2	14.4	8.6	8.1	9.4	6.5	8.5	6.6	10.9
Manufacturing	359.9	447.5	738.5	822.4	1,071.3	1,418.1	1,719.4	1,952.6	1,999.3	2,102.8	2,384.9
Building and Construction	130.4	157.3	181.9	238.7	407.6	728.4	879.6	1,013.0	1,112.2	1,193.8	1,345.5
General Commerce	518.6	629.7	678.6	818.5	988.2	1,549.3	1,752.9	1,933.7	2,197.6	2,335.3	2,996.8
Transport, Storage and Communication	12.1	23.7	33.1	62.7	154.0	237.7	246.9	242.8	268.7	339.7	378.5
Financial Institutions	49.9	65.7	78.8	143.7	282.4	333.1	366.4	543.9	743.4	802.1	993.2
Others	254.8	374.9	415.0	490.7	630.3	846.5	690.4	783.8	898.8	1,009.0	1,247.8

Source: The Monetary Authority of Singapore

BANKS' LOANS AND ADVANCES TO NON-BANK CUSTOMERS BY INDUSTRY



11.8 ASSETS AND LIABILITIES OF ASIAN CURRENCY UNITS

(End of period)

Million US Dollars

	1971	1972	1973	1974	1975	1976	1977	1978
Total Assets	1,062.8	2,976.1	6,277.2	10,357.3	12,597.4	17,354.1	21,018.3	27,040.1
Loans to non-banks	188.8	600.9	1,226.1	2,693.2	3,472.5	4,386.6	5,281.2	6,376.8
Interbank funds	850.8	2,331.1	4,950.1	7,464.2	8,929.4	12,613.1	15,252.5	19,829.7
In Singapore	38.5	99.4	261.6	223.0	270.1	414.4	573.4	866.6
Inter-Asian Currency Units	112.6	603.6	1,700.4	2,144.7	2,372.7	2,954.9	3,080.4	3,718.9
Outside Singapore	699.7	1,628.1	2,988.1	5,096.5	6,286.6	9,243.8	11,598.7	15,244.2
Other assets	23.2	44.1	101.0	199.9	195.5	354.4	484.6	833.6
Total Liabilities	1,062.8	2,976.1	6,277.2	10,357.3	12,597.4	17,354.1	21,018.3	27,040.1
Deposits of non-banks	237.8	398.7	912.8	1,614.2	2,067.7	1,960.3	2,254.6	3,600.0
Interbank funds	811.2	2,550.1	5,249.3	8,531.4	10,294.3	15,067.2	18,350.3	21,987.2
In Singapore	56.4	145.0	405.6	675.6	584.0	799.2	1,382.8	1,442.6
Inter-Asian Currency Units	112.6	603.6	1,700.4	2,144.7	2,372.7	2,954.9	3,080.4	3,719.0
Outside Singapore	642.2	1,801.5	3,143.3	5,711.1	7,337.6	11,313.1	13,887.1	16,825.6
Other liabilities	13.8	27.3	115.1	211.7	235.4	326.6	413.4	1,452.9

Source: The Monetary Authority of Singapore

11.9 ASSETS AND LIABILITIES OF FINANCE COMPANIES

(End of period)

Million Dollars

	1971	1972	1973	1974	1975	1976	1977	1978
Total Assets	705.7	867.7	1,155.6	1,392.4	1,430.4	1,607.3	1,761.2	2,017.2
Cash	0.9	1.5	1.5	5.0	3.0	2.1	2.2	2.5
Balance with MAS	18.7	33.6	76.0	67.7	62.1	70.1	76.2	86.6
Deposits with Banks and other Institutions	225.0	262.6	275.2	390.0	369.4	384.8	366.0	373.8
Investments	38.6	27.1	33.2	28.0	38.3	56.9	71.3	95.2
Loans and Advances	389.4	498.9	724.9	840.3	897.0	1,026.4	1,176.9	1,397.1
Hire purchase finance	126.2	169.8	221.1	232.0	191.7	192.4	258.6	354.3
Housing loans	124.8	179.1	266.6	307.5	354.6	440.0	431.4	446.4
Other loans and advances	138.4	150.0	237.2	300.8	350.7	394.0	486.9	596.4
Other Assets	33.1	44.0	44.8	61.4	60.6	67.0	68.6	62.0
Total Liabilities	705.7	867.7	1,155.6	1,392.4	1,430.4	1,607.3	1,761.2	2,017.2
Capital and Reserves	102.0	118.6	181.2	226.7	242.1	267.8	286.1	308.1
Deposits from Individuals and Institutions	553.2	683.2	853.8	1,031.1	1,048.4	1,191.2	1,305.4	1,510.0
Savings deposits	16.2	19.7	25.7	26.0	36.1	43.9	50.6	55.5
Fixed deposits	504.3	621.1	779.0	966.3	965.2	1,115.1	1,221.5	1,419.2
Other deposits	32.7	42.4	49.1	38.8	47.1	32.2	33.3	35.3
Other Liabilities	50.5	65.9	120.6	134.6	139.9	148.3	169.7	199.1

Source: The Monetary Authority of Singapore

11.10 DOMESTIC INTEREST RATES

(End of period)

Per Cent Per Annum

	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Banks¹										
Prime Lending Rate	8.00	8.00	8.00	7.50	9.00	10.25	7.08	6.78	7.02	7.65
Average Lending Rate ²	8.90	8.90	9.00	8.80	9.90	11.70	9.00	8.60	8.60	8.90
Deposit Rates										
3 months	5.50	5.50	5.50	5.00	6.50	7.50	4.31	3.76	4.54	5.29
6 months	5.75	5.75	5.75	5.25	6.75	8.00	4.96	4.34	4.98	5.55
12 months	6.00	6.00	6.00	5.75	7.25	9.00	5.79	5.31	5.53	6.01
Savings Deposit Rate	3.50	3.50	3.50	3.50	4.00	5.50	3.50	3.52	3.68	4.20
Finance Companies										
Average Lending Rate ²	..	..	12.60	12.40	10.40	12.60	11.50	10.80	10.20	9.80
Deposit Rates										
Up to 3 months	..	..	..	..	6.70	8.30	5.00	4.90	5.30	6.40
3 - 12 months	..	..	..	..	7.50	9.80	6.80	6.70	6.50	6.80
POSB Savings Deposit Rate for Amounts³										
Up to \$100,000										5.25
Exceeding \$100,000	4.00	4.00	4.00	4.00	4.00	6.00	5.50	5.50	5.00	3.50

1 Prior to October 1973, Banks interest rates were fixed by the Association of Banks in Malaysia and Singapore and thereafter by the Association of Banks in Singapore in consultation with the Monetary Authority of Singapore. After July 1975, when banks were permitted to quote their own interest rates on advances and deposits to customers, the rate refers to the average quoted by 10 leading banks.

Source: The Monetary Authority of Singapore

2 These rates are weighted by outstanding loans.

3 A two-tier interest rate system was introduced in September 1978.

11.11 DEPOSITS AND WITHDRAWALS OF POST OFFICE SAVINGS BANK

Million Dollars

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Number of Savings Accounts (end of period)	278,549	447,445	508,933	554,775	622,714	731,956	831,751	950,470	1,144,990	1,343,904	1,523,969
Amount:											
Deposited	22.8	38.1	45.1	57.8	87.3	135.9	221.3	554.5	1,000.4	1,535.7	2,256.0
Withdrawn	19.2	25.1	32.6	42.3	57.5	95.8	134.0	295.5	591.9	1,005.3	1,900.6
Due to Account Holders (end of period)	42.8	57.7	72.7	91.2	125.2	170.9	268.5	548.4	996.0	1,589.0	2,029.0

Source: Post Office Savings Bank

11.12 CONTRIBUTIONS AND WITHDRAWALS OF CENTRAL PROVIDENT FUND

Million Dollars

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Amount:											
Contributed	68.0	106.6	156.4	223.6	330.8	474.7	686.7	886.6	1,008.0	1,114.7	1,352.0
Withdrawn	30.7	42.4	45.7	56.4	57.9	93.5	154.1	216.8	377.6	503.5	657.8
Of which Home Ownership Scheme	6.3	21.7	22.9	23.2	25.1	50.6	92.8	134.8	275.2	383.5	488.4
Due to Members (end of period)	539.7	632.2	777.5	987.9	1,316.0	1,770.7	2,413.7	3,234.9	4,066.1	4,954.0	5,981.4

Source: Central Provident Fund Board

11.13 TURNOVER OF STOCKS AND SHARES

Million

Year	Total		Industrials ¹		Finance		Hotels		Properties		Tins		Rubbers	
	Units	Dollars	Units	Dollars	Units	Dollars	Units	Dollars	Units	Dollars	Units	Dollars	Units	Dollars
1968	479.8	874.5	355.4	739.2	..	..	34.3 ²	50.1 ²	86.5	77.4	1.6	5.7	2.0	2.1
1969	576.7	1,126.1	493.5	1,044.7	..	..	31.3	35.7	45.3	33.5	2.0	6.1	4.6	6.1
1970	449.6	740.9	405.4	698.9	..	..	19.0	17.6	18.4	11.5	2.2	6.2	4.6	6.5
1971	567.7	919.5	470.7	824.5	..	..	37.5	34.1	52.6	44.8	3.6	11.1	3.3	5.0
1972	925.7	2,134.4	567.2	1,538.6	..	..	120.3	208.9	222.2	335.2	4.7	18.7	11.3	33.0
1973	610.0	2,425.1	420.6	1,892.7	..	..	75.1	177.7	100.8	290.3	1.0	5.6	12.5	58.9
1974	527.9	1,130.1	266.3	583.4	116.2	351.5	54.3	74.7	75.8	87.3	1.2	4.0	14.1	29.2
1975	798.9	1,827.4	393.7	860.0	204.5	712.6	106.0	117.7	76.5	105.7	9.7	17.2	8.5	14.2
1976	706.0	1,926.1	410.9	956.3	163.4	793.8	41.5	52.3	79.2	106.8	2.8	3.9	8.2	13.0
1977	618.1	1,124.4	475.5	796.9	46.6	170.6	19.5	32.5	51.8	75.6	2.9	11.7	21.8	37.1
1978	1,477.2	3,365.2	886.7	1,944.5	152.4	637.1	116.8	163.9	142.9	216.4	61.4	129.6	117.0	273.7

Note: Prior to May 1973, when the Exchange was known as the Stock Exchange of Malaysia & Singapore, turnover included trading in Malaysian trading room.

Source: Stock Exchange of Singapore

¹ Figures prior to 1973 include Finance.

² Figures exclude first 7 months of turnover and value.

11.14 STOCK EXCHANGE OF SINGAPORE INDICES
(1970 = 100)

Year	Industrial	Finance	Hotels	Properties
1970	100.4	99.0	100.2	99.3
1971	125.6	128.8	96.9	119.5
1972	260.0	300.8	172.1	278.3
1973	380.4	642.2	343.1	571.9
1974	215.4	312.7	193.4	273.1
1975	209.8	339.4	224.7	252.6
1976	237.2	426.9	211.9	213.4
1977	226.2	366.8	216.8	200.0
1978	300.6	422.4	314.2	251.1

Source: Stock Exchange of Singapore

11.15 PLEDGES AT PAWNSHOPS

Year	Pledges		Amount of Loan	
	Received	Redeemed	Given Out	Redeemed including Interest
	Number		Million Dollars	
1968	1,898,976	1,655,416	88.1	82.8
1969	1,827,728	1,636,718	92.5	88.6
1970	1,814,086	1,614,583	93.9	90.7
1971	1,892,172	1,650,075	105.3	98.0
1972	1,911,824	1,740,475	119.7	114.3
1973	2,016,898	1,805,420	158.8	144.0
1974	2,046,110	1,875,608	190.9	179.4
1975	2,011,219	1,835,307	204.4	196.7
1976	2,036,468	1,864,317	205.0	203.9
1977	1,992,950	1,875,631	213.0	216.2
1978	1,901,068	1,774,697	236.1	229.6

11.16 LIFE INSURANCE POLICIES

	1969	1970	1971	1972	1973	1974	1975	1976	1977
	Number								
Policies in Force (at end period)	62,417	66,661	79,009	93,332	111,509	124,177	140,041	155,425	183,099
New Policies	9,716	11,835	20,059	26,480	28,876	25,570	30,271	34,628	45,303
Policies Matured or Discontinued	8,541	7,591	7,711	12,157	10,699	12,902	14,407	19,244	17,929
	Thousand Dollars								
Policies in Force:									
Amount insured (at end period)	527,181	627,798	812,831	1,046,766	1,412,098	1,820,078	2,237,001	2,717,174	3,323,449
Premiums	25,488	28,898	35,044	42,226	52,365	61,890	73,121	85,058	99,577
New Policies:									
Amount insured	108,759	155,424	253,290	330,065	471,843	566,543	655,128	765,334	922,908
Premiums	4,671	5,980	9,112	10,908	14,237	14,949	18,037	20,764	24,334
Policies Matured or Discontinued:									
Amount insured	57,615	54,807	68,257	96,129	106,511	158,564	238,206	285,161	318,115
Premiums	2,689	2,570	2,966	3,725	4,098	5,424	7,165	8,827	9,904

Source: Insurance Commissioner

11.17 REVENUE AND EXPENDITURE ACCOUNTS OF LIFE INSURANCE FUNDS

Thousand Dollars

	1969	1970	1971	1972	1973	1974	1975	1976	1977
REVENUE									
Total	154,489	171,233	194,952	227,885	266,325	302,000	344,678	399,984	469,305
Balance of Revenue Account at beginning of year	117,924	129,617	147,832	165,053	192,205	218,297	249,624	290,359	336,363
Premiums	25,949	29,410	34,222	41,083	49,132	55,122	67,735	81,908	96,855
Net interest, dividends and rents	8,488	9,598	10,296	11,770	13,560	16,848	20,955	23,270	28,650
Miscellaneous	2,128	2,608	2,602	9,979	11,428	11,733	6,364	4,447	7,437
EXPENDITURE									
Total	154,489	171,233	194,952	227,885	266,325	302,000	344,678	399,984	469,305
Claims on death, disability and maturity	6,009	6,379	8,877	9,520	10,078	13,275	13,878	16,688	18,541
Surrenders	3,607	4,005	3,799	4,575	5,335	6,852	7,613	8,755	10,477
Cash bonuses and annuities	1,681	1,626	1,594	1,865	2,141	2,395	2,564	2,867	3,147
Management expenses:									
Commission	4,088	4,976	6,515	8,037	10,284	11,212	14,703	17,542	21,271
Salaries	1,767	1,846	2,326	2,601	3,075	3,504	4,174	4,367	4,861
Other	2,629	2,892	3,993	4,509	7,231	7,482	8,423	10,469	10,702
Miscellaneous	5,091	1,677	2,793	4,573	9,884	7,656	2,964	3,933	6,091
Balance of Revenue Account at end of year	129,617	147,832	165,055	192,205	218,297	249,624	290,359	336,363	394,215

Source: Insurance Commissioner

11.18 ASSETS OF LIFE INSURANCE FUNDS

(End of period)

Thousand Dollars

	1969	1970	1971	1972	1973	1974	1975	1976	1977
Total	144,972	164,532	185,895	221,054	251,766	284,057	337,068	387,427	445,416
Fixed Assets:	12,599	14,121	15,627	18,861	20,217	27,336	29,966	31,284	31,188
Property	12,285	13,794	15,283	18,384	19,490	26,398	28,782	29,760	29,528
Furniture	314	327	344	477	727	938	1,184	1,524	1,660
Loans:	27,270	29,754	30,750	33,430	40,017	53,888	58,908	58,777	57,383
On mortgages	14,024	15,120	14,650	16,004	19,645	29,601	31,747	28,031	22,585
On policies	13,029	14,416	15,865	17,087	19,837	23,492	26,438	30,047	34,106
Other	217	218	235	339	535	795	723	699	692
Investments:	87,037	95,229	108,451	123,387	162,994	161,874	188,399	224,051	273,050
Government and Statutory Authorities	48,542	51,378	55,652	65,266	74,816	77,289	84,682	101,189	129,830
Debentures and shares	38,495	43,851	52,799	58,121	88,178	84,585	103,717	122,862	143,220
Cash and Deposits	12,837	18,892	22,062	33,145	19,900	29,105	46,687	56,846	58,317
Miscellaneous (including outstanding premiums)	5,229	6,536	9,005	12,231	8,638	11,854	13,108	16,469	25,478

Source: Insurance Commissioner

11.19 PREMIUMS AND CLAIMS OF GENERAL INSURANCE FUNDS

Thousand Dollars

	1969	1970	1971	1972	1973	1974	1975	1976	1977
Net Premiums¹:									
Total	56,433	67,953	84,836	106,699	127,948	153,013	171,218	196,217	209,781
Marine, Aviation or Transit	12,126	14,345	16,377	18,499	25,190	30,468	31,311	38,387	47,313
Other:	44,307	53,608	68,459	88,200	102,758	122,545	139,907	157,830	162,468
Fire	8,870	10,743	13,634	15,824	21,063	27,004	29,714	34,642	37,521
Motor vehicles	22,637	25,982	29,394	34,256	40,028	42,396	41,966	46,020	48,385
Miscellaneous	12,800	16,883	25,431	38,120	41,667	53,145	68,227	77,168	76,562
Net Claims²:									
Total	19,233	23,432	27,821	35,580	42,184	53,750	60,689	67,202	87,450
Marine, Aviation or Transit	5,024	6,128	7,159	8,718	10,031	15,636	17,769	15,287	22,061
Other:	14,209	17,304	20,662	26,862	32,153	38,114	42,920	51,915	65,389
Fire	757	1,385	2,498	3,524	5,186	5,780	6,852	9,537	14,565
Motor vehicles	10,386	11,884	13,890	16,463	18,091	20,626	22,349	23,152	26,517
Miscellaneous	3,066	4,035	4,274	6,875	8,876	11,708	13,719	19,226	24,307

1 Refer to gross premiums less premiums paid for re-insurance in and out of Singapore.

Source: Insurance Commissioner

2 Refer to gross claims paid less recoveries from re-insurance placed in and out of Singapore.

11.20 REVENUE AND EXPENDITURE ACCOUNTS OF GENERAL INSURANCE FUNDS

Thousand Dollars

	1969	1970	1971	1972	1973	1974	1975	1976	1977
REVENUE									
Total	113,327	137,356	170,064	214,916	270,144	330,005	337,698	439,716	481,694
Balance of Revenue Account at beginning of year	7,666	7,702	10,437	8,020	5,546	18,112	18,116	33,140	36,814
Reserves at beginning of year	21,867	26,218	31,107	39,619	49,278	59,541	70,496	79,318	87,870
Provision for outstanding claims	18,190	22,681	28,188	35,778	53,234	60,301	71,613	80,598	90,445
Premiums	56,433	67,953	84,836	106,699	127,949	153,013	171,218	196,217	209,781
Net interest, dividends and rents	2,798	3,678	4,398	5,322	6,846	10,296	11,604	12,354	13,603
Miscellaneous	6,373	9,124	11,098	19,478	27,291	28,742	34,653	38,089	43,181
EXPENDITURE									
Total	113,327	137,356	170,064	214,916	270,144	330,005	377,698	439,716	481,694
Claims paid, admitted or intimated	41,914	51,620	63,599	88,815	102,362	125,364	138,029	157,071	188,342
Management expenses:									
Commission	15,389	18,320	22,476	27,879	33,080	39,608	44,565	52,268	55,060
Other	12,982	15,537	17,900	22,833	26,838	35,326	45,170	55,114	53,828
Miscellaneous	9,123	10,296	18,450	20,573	29,540	41,098	39,433	52,327	59,806
Balance of Revenue Account at end of year	7,702	10,436	8,020	5,546	18,222	18,113	32,526	35,295	30,706
Reserves at end of year	26,217	31,147	39,619	49,270	60,102	70,496	77,975	87,641	93,952

Source: Insurance Commissioner

11.21 ASSETS OF GENERAL INSURANCE FUNDS

(End of period)

Thousand Dollars

	1969	1970	1971	1972	1973	1974	1975	1976	1977
Total	74,944	89,962	107,412	137,030	172,676	212,378	250,075	299,809	325,095
Fixed Assets	13,454	15,402	19,840	20,780	24,217	27,142	28,317	33,963	36,726
Property }									
Furniture }									
Loans	1,570	2,504	2,070	2,182	6,001	9,109	7,810	7,354	5,795
On mortgages }									
On policies }									
Other }									
Investments	26,606	29,633	36,386	46,059	56,355	58,877	79,755	105,959	122,578
Government and									
Statutory Authorities	14,972	16,524	19,598	25,617	28,452	34,885	42,783	52,206	65,831
Debentures and shares	11,634	13,109	16,788	20,442	27,903	23,992	36,972	53,753	56,747
Cash and Deposits	24,068	31,165	33,853	47,349	59,470	85,625	99,746	110,804	106,489
Miscellaneous	9,246	11,258	15,263	20,660	26,633	31,624	34,447	41,729	53,507

Source: Insurance Commissioner

12. PUBLIC FINANCE

Government Revenue and Expenditure

The main revenue collecting departments are the Customs and Excise Department and the Inland Revenue Department. The former is responsible for the collection of import and excise duties on liquor, tobacco, petroleum, motor vehicles and film hire and entertainment duties. The Inland Revenue Department is responsible for the collection of taxes on income and property, estate and stamp duties, duties on sweepstakes and lotteries and radio and television licence fees.

Personal income tax in Singapore is based on a progressive scale applied to the previous year's chargeable income after the appropriate deductions have been made. Deductions include allowances for personal relief, earned income, maintenance of wife, children and dependants, life insurance premiums and contributions to Central Provident Fund. Company taxes are based on a flat rate of 40 per cent of income with the usual allowances. In addition,

special tax exemptions and liberal depreciation allowances are provided to pioneer companies and other export-orientated firms. The Government has also entered into double taxation agreements with countries which have trading and other interest in Singapore.

Government revenue is credited to the Consolidated Revenue Account and current expenditure is paid out of this Account.

Development Fund

The Development Fund was established in 1960 and receipts from revenue allocation for development, loans and grants, and other sources available for development financing are credited to this account. All payments for development expenditure by the Government and of loans to statutory authorities to finance part of their development needs are paid out of this Fund.

12.1 GOVERNMENT FINANCE

Million Dollars

Year	Revenue	Expenditure			Surplus/ deficit (-)	Financing	
		Total	Current	Development		Borrowing/ redemption(-)	Use/accumulation (-) of cash balances and foreign assets
1968	857.0	787.6	585.2	202.4	69.4	564.9	-634.3
1969/70 ¹	1,364.4	1,195.6	920.4	275.2	168.8	54.6	-223.4
1970/71	1,333.0	1,254.1	935.4	318.7	78.9	429.8	-508.7
1971/72	1,680.6	1,519.2	1,079.5	439.7	161.4	695.0	-856.4
1972/73	1,877.6	1,837.1	1,257.4	579.7	40.5	416.5	-457.0
1973/74	2,426.6	2,376.5	1,417.7	958.8	50.1	532.6	-582.7
1974/75	2,802.6	2,639.3	1,734.1	905.2	163.3	909.7	-1,073.0
1975/76	3,398.6	3,256.7	1,981.4	1,275.3	141.9	1,027.3	-1,169.2
1976/77	3,581.2	3,391.7	2,200.1	1,191.6	189.5	1,918.1	-2,107.6
1977/78	4,083.5	3,830.9	2,582.8	1,248.1	252.6	1,673.7	-1,926.3
1978/79*	4,195.5	4,103.4	2,703.6	1,399.8	92.1	1,623.1	-1,715.2

Notes: Revenue refers to the receipts of the consolidated Revenue Account, the Development Fund Account and the Sinking Fund Account.

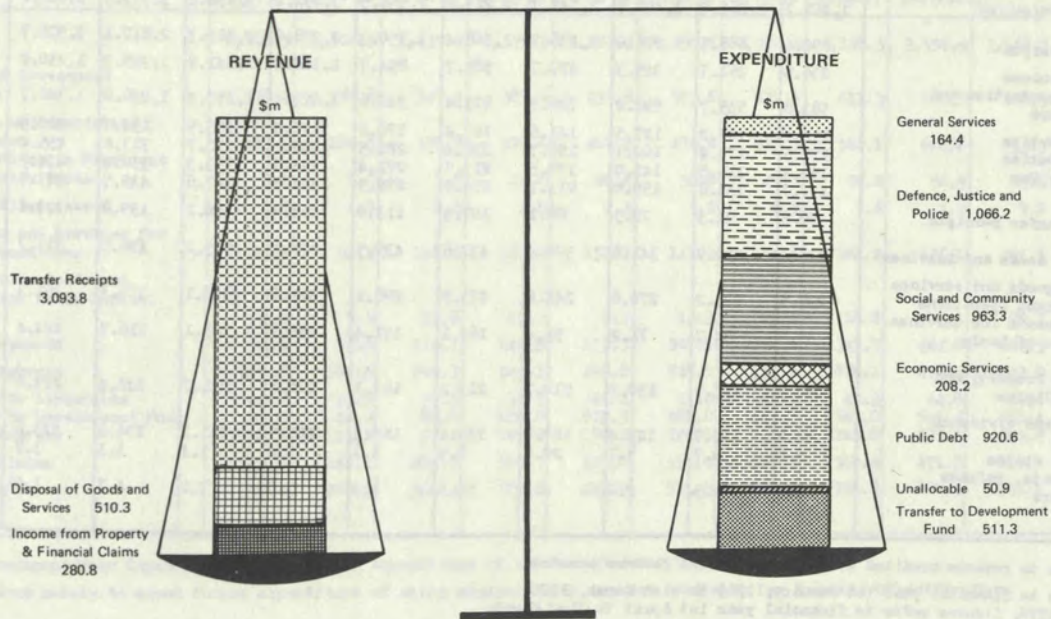
Source: Accountant-General

Current expenditure refers to the payments from the consolidated Revenue Account and the Sinking Fund Account but excludes transfer to the Development Fund Account and the contributions to the Sinking Fund Account.

Development expenditure refers to the direct development expenditure and net lending to statutory authorities and enterprises.

1 Refers to financial year 1st January 1969 to 31st March 1970.

GOVERNMENT REVENUE AND EXPENDITURE 1979/80 (Estimates)



12.2 ECONOMIC CLASSIFICATION OF GOVERNMENT REVENUE

Million Dollars

	1969/70 ²	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	1976/77	1977/78	1978/79 Estimates	1979/80 Estimates
TOTAL ¹	1,261.2	1,266.5	1,468.5	1,749.3	2,219.2	2,556.9	3,092.2	3,156.2	3,555.5	3,668.2	3,884.9
Transfer Receipts	890.6	888.7	996.0	1,238.7	1,568.4	1,950.3	2,298.0	2,419.3	2,817.1	2,922.7	3,093.8
Taxes on income	236.5	261.7	325.3	429.7	585.7	894.7	1,160.2	1,141.9	1,319.3	1,450.0	1,400.0
Taxes on production and expenditure	583.8	535.7	591.2	720.9	875.4	942.6	1,022.4	1,157.3	1,298.0	1,348.1	1,555.0
Excise Duties	116.2	109.2	127.5	141.6	163.4	170.2	177.9	183.5	194.7	200.9	214.0
Import Duties	179.6	175.4	162.7	195.7	238.4	222.5	238.1	272.7	313.6	295.0	347.6
Property Tax	150.3	115.5	142.0	170.5	213.7	271.4	293.9	353.3	350.2	404.5	435.0
Others	137.7	135.6	159.0	213.1	259.9	278.5	312.5	347.8	439.5	447.7	558.4
Other transfer receipts	70.3	91.3	79.5	88.1	107.3	113.0	115.4	120.1	199.8	124.6	138.8
Disposal of Goods and Services	278.3	259.9	341.8	300.4	437.6	439.5	578.1	515.2	496.0	515.7	510.3
Sales of goods and services from current operations	238.5	225.2	270.6	245.0	273.5	288.1	323.0	350.1	379.3	391.3	431.5
Reimbursements for services and sales of lands	39.8	34.7	71.2	55.4	164.1	151.4	255.1	165.1	116.7	124.4	78.8
Income from Property and Financial Claims	92.3	117.9	130.7	210.2	213.2	167.1	216.1	221.7	242.4	229.8	280.8
Interest and dividends received	84.5	110.7	123.4	187.2	150.6	160.5	207.7	211.3	234.4	223.6	272.5
Financial claims	5.8	4.7	5.3	20.7	8.5	3.3	3.4	3.3	3.3	3.2	3.2
Overpayments, refunds and others	2.0	2.5	2.0	2.3	54.1	3.3	5.0	7.1	4.7	3.0	5.1

1 Refers to revenue credited to the Consolidated Revenue Account.

2 Refers to financial year 1st January, 1969 to 31st March, 1970.
From 1970, figures refer to financial year 1st April to 31st March.

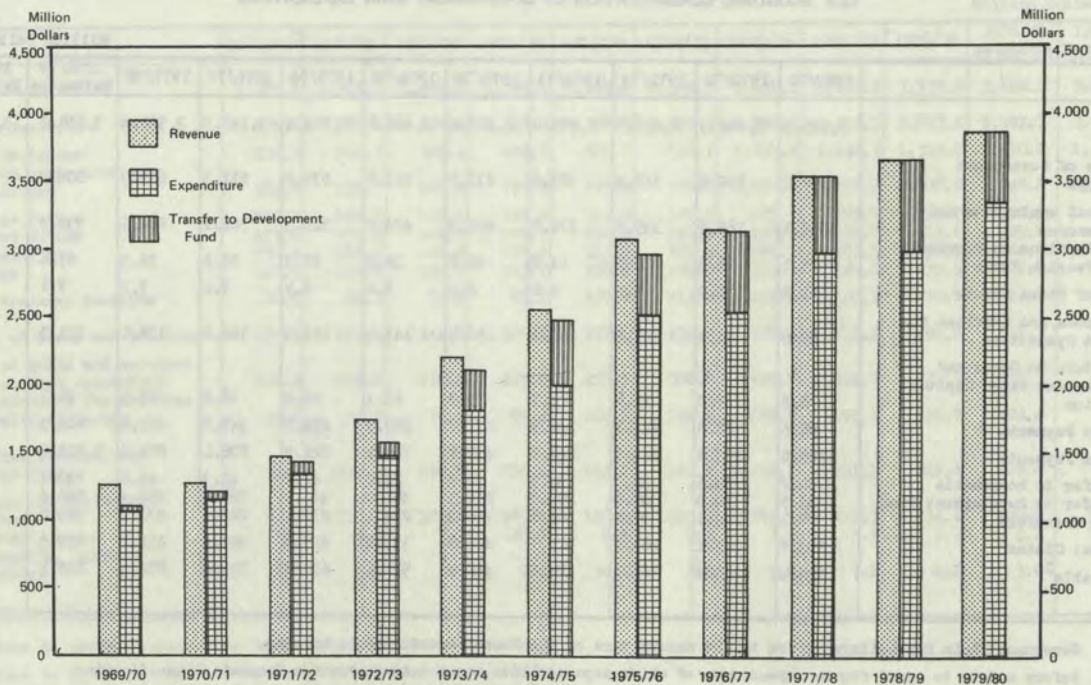
12.3 ECONOMIC CLASSIFICATION OF GOVERNMENT MAIN EXPENDITURE

	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	1976/77	1977/78	1978/79 Estimates	1979/80 Estimates
TOTAL	1,101.5	1,206.5	1,437.7	1,579.2	2,107.4	2,492.6	2,984.4	3,148.3	3,552.4	3,668.2	3,884.9
Salaries of Government Employees	338.2	292.8	347.4	385.6	433.9	513.8	572.6	611.3	660.9	800.9	867.0
Personal emoluments and allowances	333.1	286.5	339.9	371.6	407.3	474.8	525.3	561.1	604.6	733.3	787.7
Contributions to Provident and Pension Funds	5.1	6.3	7.5	14.0	26.6	39.0	47.3	50.2	56.3	67.6	79.3
Rental of Fixed Assets	1.9	1.9	2.2	1.8	2.3	3.0	8.9	7.6	7.7	9.1	12.1
Other Goods and Services for Current Operations	99.8	92.2	101.6	107.2	150.7	143.3	154.8	164.2	176.1	221.5	238.2
Expenditure on Goods and Services for Fixed Capital Formation	6.6	5.9	11.8	11.3	9.3	13.3	20.4	18.2	27.1	28.7	38.2
Interest Payments	96.6	93.8	114.1	140.9	177.7	207.5	252.1	345.7	462.8	604.3	745.7
Transfer Payments	165.8	197.6	209.7	244.1	465.8	745.1	721.9	876.1	874.4	1,039.0	928.6
Transfer to households	40.2	33.5	32.3	34.5	42.4	41.0	42.7	43.3	44.8	49.4	59.1
Transfer to Development Fund	37.5	40.0	80.0	100.0	272.5	480.0	443.1	583.0	556.4	666.4	511.3
Other transfers	88.1	124.1	97.4	109.6	150.9	224.1	236.1	249.8	273.2	323.2	358.2
Financial Claims	153.2	242.1	284.0	315.7	426.8	355.0	625.9	369.4	471.1	129.5	176.6
Unallocable ¹	239.4	280.2	366.9	372.6	440.9	511.6	627.8	755.8	872.3	835.2	878.5

Note: Government Main Expenditure refers to the expenditure of the Consolidated Revenue Account.

¹ Refers mainly to armed forces expenditure of which separate data are not available for Economic Classification.

GOVERNMENT REVENUE AND EXPENDITURE OF THE CONSOLIDATED REVENUE ACCOUNT



12.4 FUNCTIONAL CLASSIFICATION OF GOVERNMENT MAIN EXPENDITURE

	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	1976/77	1977/78	Million Dollars	
										1978/79 Estimates	1979/80 Estimates
TOTAL	1,101.5	1,206.5	1,437.7	1,579.2	2,107.4	2,492.6	2,984.4	3,148.3	3,552.4	3,668.2	3,884.9
General Services	66.5	89.3	63.8	73.9	118.5	98.9	100.9	102.8	120.1	146.9	164.4
Defence, Justice and Police	305.4	333.3	424.9	437.6	524.8	613.6	739.3	877.8	1,007.1	1,008.8	1,066.2
Social and Community Services	355.0	311.6	320.4	363.7	483.3	574.9	650.3	693.3	748.1	885.4	963.3
Education	202.0	177.6	191.1	206.5	261.4	296.6	328.9	346.0	365.9	432.1	468.9
Health	97.7	82.8	86.3	101.1	103.6	125.4	142.4	147.7	157.0	195.4	206.3
Other Social and Community Services	55.3	51.2	43.0	56.1	118.3	152.9	179.0	199.6	225.2	257.9	288.1
Economic Services	64.8	71.9	92.9	75.8	67.5	114.6	141.5	144.7	153.0	191.2	208.2
Agricultural, Non-mineral Resources Industrial and Commercial Development	8.2	14.3	24.9	22.5	12.8	36.8	40.9	39.6	43.5	54.5	60.7
Transport and Communication	43.9	39.2	47.3	31.7	35.9	43.2	52.9	54.4	56.7	98.2	106.9
Other Economic Services	12.7	18.4	20.7	21.6	18.8	34.6	47.7	50.7	52.8	38.5	40.6
Public Debt	245.3	332.6	392.3	453.6	603.4	557.3	875.4	712.7	877.0	732.1	920.6
Unallocable	27.0	27.8	63.4	74.6	37.4	53.3	33.9	34.0	90.7	37.4	50.9
Transfer to Development Fund	37.5	40.0	80.0	100.0	272.5	480.0	443.1	583.0	556.4	666.4	511.3

12.5 ECONOMIC-FUNCTIONAL CLASSIFICATION OF GOVERNMENT MAIN AND DEVELOPMENT EXPENDITURE, 1978

Thousand Dollars

Functional Classification Economic Classification	Total	General Services	Defence, Justice and Police	Social and Community Services			Economic Services	Public Debt and Unallocable Expenditure
				Education	Health	Others		
TOTAL	5,327,283	148,225	1,145,690	454,161	203,947	1,127,355	1,167,435	1,080,470
Salaries of Government Employees	713,820	86,821	119,538	216,221	135,297	94,542	61,401	-
Personal Emoluments and Allowances	650,893	78,578	111,336	200,304	122,494	83,270	54,911	-
Contributions to Provident and Pension Funds	62,927	8,243	8,202	15,917	12,803	11,272	6,490	-
Rental of Fixed Assets	8,409	4,773	368	68	573	1,390	1,237	-
Expenditure on Goods and Services	893,051	51,285	103,932	31,010	64,302	270,636	371,674	212
Interest Payments	524,285	73	-	-	-	-	-	524,212
Transfer Payments	491,075	4,334	2,688	206,844	3,775	155,631	66,942	50,861
Transfer to Households	44,735	100	97	1,354	135	5,522	1,124	36,403
Transfer to Public Authorities and Non-Profit Institutions	355,381	1,159	798	170,929	2,247	148,074	32,174	-
Capital Transfer to Domestic Sector	67,006	-	-	31,286	1,082	1,921	32,717	-
Other Transfers	23,953	3,075	1,793	3,275	311	114	927	14,458
Financial Claims	1,777,395	855	-	18	-	605,156	666,181	505,185
Unallocable ¹	919,248	84	919,164	-	-	-	-	-

Notes: Figures refer to calendar year 1.1.78 to 31.12.78.

Excludes transfer to Development Fund Account of \$556,365 thousand.

- 1 Refers mainly to armed forces expenditure of which separate data are not available for economic classification.

12.6 ECONOMIC-FUNCTIONAL CLASSIFICATION OF GOVERNMENT MAIN EXPENDITURE, 1978

Thousand Dollars

Functional Classification Economic Classification	Total	General Services	Defence, Justice and Police	Social and Community Services			Economic Services	Public Debt and Unallocable Expenditure
				Education	Health	Others		
TOTAL	3,321,372	130,934	1,067,978	399,567	171,221	296,614	174,588	1,080,470
Salaries of Government Employees	713,820	86,821	119,538	216,221	135,297	94,542	61,401	-
Personal Emoluments and Allowances	650,893	78,578	111,336	200,304	122,494	83,270	54,911	-
Contributions to Provident and Pension Funds	62,927	8,243	8,202	15,917	12,803	11,272	6,490	-
Rental of Fixed Assets	8,409	4,773	368	68	573	1,390	1,237	-
Expenditure on Goods and Services	225,475	33,994	26,220	7,720	32,658	46,971	77,700	212
Interest Payments	524,285	73	-	-	-	-	-	524,212
Transfer Payments	424,069	4,334	2,688	175,558	2,693	153,710	34,225	50,861
Transfer to Households	44,735	100	97	1,354	135	5,522	1,124	36,403
Transfer to Public Authorities and Non-Profit Institutions	355,381	1,159	798	170,929	2,247	148,074	32,174	-
Other Transfers	23,953	3,075	1,793	3,275	311	114	927	14,458
Financial Claims	506,066	855	-	-	-	1	25	505,185
Unallocable ¹	919,248	84	919,164	-	-	-	-	-

Note: See notes to Table 12.5.

1 See footnote (1) to Table 12.5.

12.7 SOURCES AND USES OF DEVELOPMENT FUND

Million Dollars

Year	Balance (Beginning of Financial Year)	Sources				Uses			
		Total	Consoli- dated Revenue Account	Consoli- dated Loan Account	Other	Total	Government Development Expenditure	Loans to Statutory Boards and Enterprises	Other
1968	136.4	376.9	30.1	218.2	128.6	226.4	131.5	94.2	0.7
1969/70 ¹	286.9	416.7	37.5	241.8	137.4	332.8	154.6	178.1	0.1
1970/71	370.8	543.6	40.0	372.2	131.4	380.5	149.1	226.8	4.6
1971/72	533.9	647.9	80.0	395.4	172.5	506.6	214.5	292.1	-
1972/73	675.2	1,113.5	100.0	815.4	198.1	676.5	233.9	431.5	11.1
1973/74	1,112.2	1,289.9	272.5	716.6	300.8	1,106.5	208.9	897.6	-
1974/75	1,295.6	1,762.5	480.0	842.0	440.5	1,140.8	283.8	847.8	9.2
1975/76	1,917.3	2,292.0	443.1	1,303.3	545.6	1,548.5	404.7	1,138.7	5.1
1976/77	2,660.8	3,456.0	582.9	2,043.2	829.9	1,683.9	618.5	1,065.4	-
1977/78	4,432.9	3,329.1	556.4	1,694.5	1,078.2	1,890.0	710.0	1,180.0	-
1978/79 Estimates	5,872.0	3,459.9	664.0	1,845.0	950.9	2,103.3	1,041.7	1,061.6	-

1 Refers to financial year 1st January 1969 to 31st March 1970.
From 1970, figures refer to financial year 1st April to 31st March.

Source: Accountant-General

12.8 GOVERNMENT DEBT

(End of period)

Million Dollars

Year	Total	Domestic					External					
		Total	Registered Stocks ¹	Bearer Bonds	Treasury Bills and Deposits	Advance Deposits	Total	UK Special Aid	World Bank	Asian Development Bank	Capital Market Loan	Others ²
1968	1,636.6	1,564.9	756.7	95.0	677.9	35.3	71.7	10.8	-	-	-	60.9
1969	1,753.4	1,650.3	965.2	95.0	551.0	39.1	103.1	47.1	1.8	-	-	54.2
1970	2,016.6	1,842.8	1,087.7	45.0	649.4	60.7	173.8	119.5	5.4	-	-	48.9
1971	2,734.0	2,487.1	1,349.7	45.0	997.2	95.2	246.9	186.1	10.2	-	-	50.6
1972	3,483.2	3,052.4	1,628.0	35.0	1,178.2	211.2	430.8	231.2	13.8	1.8	143.9	40.1
1973	3,757.6	3,285.3	2,332.6	35.0	745.8	171.9	472.3	264.5	18.2	5.0	143.9	40.7
1974	4,522.4	4,028.5	2,761.2	35.0	848.4	383.9	493.9	270.1	27.6	6.3	143.9	46.0
1975	5,698.1	5,155.4	3,747.4	75.0	930.1	402.9	542.7	270.1	47.2	8.4	143.9	73.1
1976	7,318.2	6,656.3	5,321.6	75.0	819.0	440.7	661.9	270.1	65.7	14.0	235.4	76.7
1977	9,132.9	8,142.7	6,851.0	115.0	827.6	349.1	990.2	270.1	79.6	14.8	531.7	94.0
1978	10,695.1	9,674.4	7,872.3	135.0	942.1	725.0	1,020.7	260.7	131.0	13.4	517.3	98.3

1 Includes special issues.

2 Refers to UK war damage compensation up to March 1975 and Japanese aid.

Source: Accountant-General
The Monetary Authority of Singapore

12.9 GOVERNMENT REGISTERED STOCKS BY HOLDERS

(End of period)

Million Dollars

Categories of Holders	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
TOTAL ¹	965.3	1,087.7	1,349.6	1,628.0	2,332.6	2,761.2	3,747.4	5,321.6	6,851.0	7,872.3
Central Provident Fund	564.1	681.8	892.8	1,092.1	1,572.2	1,978.8	2,803.0	3,743.2	4,583.8	5,229.7
Public Authorities	222.4	212.2	190.1	177.7	189.8	165.5	211.0	190.3	245.3	359.9
Post Office Savings Bank	49.1	61.6	86.7	88.9	45.9	44.4	66.4	305.2	667.2	688.2
Insurance Companies	31.5	35.9	44.8	56.9	80.1	89.4	105.9	133.8	163.2	191.1
Commercial Banks	66.8	60.0	92.4	140.8	257.3	344.0	352.4	610.5	733.7	782.5
Nominees and Trustees	21.7	24.5	25.2	43.3	61.8	22.1	114.5	163.2	202.3	236.0
Discount Houses ²	-	-	-	-	79.9	76.4	28.6	68.4	108.6	124.5
Others	9.7	11.6	17.7	28.3	45.6	40.6	65.6	107.0	146.9	260.4

1 Includes Special Issues of 1969.

2 Discount Houses commenced operation in November 1972.

Source: The Monetary Authority of Singapore

12.10 REVENUE COLLECTED BY CUSTOMS AND EXCISE DEPARTMENT

Thousand Dollars

Year	Total	Import and Excise Duties					Entertainment Duties	Film Hire Duty	Licence Fees	Miscellaneous
		Liquors	Tobacco	Petroleum	Sugar	Others				
1968	212,679	51,393	58,247	57,154	12,085	20,340	9,182	1,644	1,263	1,371
1969	238,531	50,144	62,378	64,107	12,858	34,594	9,571	1,735	1,323	1,821
1970	282,468	60,016	69,732	74,144	14,693	47,670	10,582	1,993	1,426	2,212
1971	302,385	65,468	67,857	82,303	15,036	54,400	11,380	2,116	1,574	2,251
1972	334,994	70,571	74,174	92,405	16,289	61,453	13,575	2,445	1,558	2,524
1973	422,586	91,786	93,467	107,763	17,392	89,943	14,447	2,535	2,116	3,137
1974	420,964	94,966	99,743	117,705	18,090	63,705	17,275	2,972	2,760	3,748
1975	433,021	103,014	108,344	121,387	16,418	53,391	18,769	3,189	3,596	4,913
1976	474,488	107,605	119,974	125,778	18,239	71,325	20,695	3,201	3,074	4,597
1977	535,409	114,024	123,692	133,891	19,354	105,673	25,244	3,778	4,351	5,402
1978	586,500	129,511	126,721	143,428	19,596	125,625	29,580	3,793	3,284	4,962

Source: Customs and Excise Department

12.11 REVENUE COLLECTED BY INLAND REVENUE DEPARTMENT

Thousand Dollars

Year	Total	Income Tax	Property Tax	Estate Duties	Stamp Duties ¹	Payroll Tax	Bets, Sweepstakes and Private Lotteries	Radio and Television Licensing Fees	Others ²
1968	283,639	152,814	88,284	8,364	10,472	11,128	6,454	5,594	529
1969	357,252	198,722	103,737	8,506	17,380	13,351	7,782	6,199	1,575
1970	428,210	251,083	108,985	9,439	22,843	16,946	9,077	7,099	2,738
1971	544,202	317,580	138,352	11,257	29,169	21,770	11,203	7,806	7,065
1972	676,222	403,971	155,619	19,132	40,780	27,068	13,953	8,670	7,029
1973	929,912	562,622	200,216	24,168	74,390	35,229	16,391	9,574	7,322
1974	1,251,956	846,482	253,830	31,911	44,849	44,441	18,313	10,307	1,823
1975	1,559,606	1,123,745	281,439	21,634	46,933	51,805	22,433	11,327	290
1976	1,663,784	1,153,559	331,865	21,851	56,848	59,302	27,927	12,220	212
1977	1,819,791	1,281,524	349,662	23,739	60,482	65,752	25,499	12,921	212
1978	1,894,178	1,279,055	388,373	27,879	80,296	74,985	28,429	15,121	40

1 Figures from 1974 include sales of revenue stamps which were previously included under others.

Source: Inland Revenue Department

2 Figures include surcharge on Rubber Estate Duties, Search and Valuation Fees and Auctioners, Appraisers, House Agents Licence Fees and sales of revenue stamps up to March 1974.

12.12 TAXPAYERS, ASSESSED INCOME AND TAX ASSESSED, 1976 AND 1977

	Assessed			Assessed Income			Tax Assessed		
	Total	Resident	Non-Resident	Total	Resident	Non-Resident	Total	Resident	Non-Resident
	Number			Thousand Dollars					
	1 9 7 6								
TOTAL	268,823	260,704	8,119	5,722,184	5,263,524	458,660	1,313,979	1,154,903	159,076
Individuals	261,596	254,093	7,503	3,383,448	3,329,567	53,881	399,938	383,995	15,943
Employees	219,137	212,932	6,205	2,635,693	2,600,237	35,456	281,120	271,016	10,104
Sole Proprietors	20,791	19,951	840	348,709	338,982	9,727	51,244	48,875	2,369
Partners	21,668	21,210	458	399,046	390,348	8,698	67,574	64,104	3,470
Companies	6,096	5,481	615	2,304,989	1,900,211	404,778	897,213	754,080	143,133
Trusts, Clubs and Associations, Hindu Joint Families	1,131	1,130	1	33,747	33,746	1	16,828	16,828	-
	1 9 7 7								
TOTAL	265,468	259,110	6,358	5,274,242	4,936,550	337,692	1,110,179	989,353	120,825
Individuals	258,676	252,795	5,881	3,493,364	3,445,618	47,746	410,601	398,127	12,474
Employees	215,799	211,342	4,457	2,771,012	2,738,677	32,335	303,588	295,273	8,315
Sole Proprietors	22,017	20,933	1,084	349,065	339,682	9,383	47,297	45,538	1,760
Partners	20,860	20,520	340	373,287	367,259	6,028	59,716	57,316	2,399
Companies	5,664	5,195	469	1,771,382	1,481,458	289,924	696,153	587,810	108,342
Trusts, Clubs and Associations, Hindu Joint Families	1,128	1,120	8	9,496	9,474	22	3,425	3,416	9

Notes: Figures for 1976 refer to assessments made during the period 1.1.76 to 31.12.77 (24 months).
 Figures for 1977 refer to assessments made during the period 1.1.77 to 31.12.77 (12 months).

Source: Inland Revenue Department

12.13 INCOME TAX ASSESSMENT OF INDIVIDUALS, 1976 AND 1977

Assessed Income Group \$	Taxpayers			Assessed Income			Tax Assessed		
	Total	Resident	Non-Resident	Total	Resident	Non-Resident	Total	Resident	Non-Resident
	Number			Thousand Dollars					
	1 9 7 6								
TOTAL	261,596	254,093	7,503	3,383,448	3,329,567	53,881	399,838	383,995	15,943
6,000 and below	68,818	63,594	5,224	308,624	299,431	9,193	6,777	3,941	2,836
6,001 - 8,000	51,725	51,222	503	362,153	358,656	3,497	8,724	7,761	963
8,001 - 10,000	38,735	38,338	397	345,726	342,147	3,579	10,847	9,937	910
10,001 - 15,000	46,599	46,064	535	563,455	556,907	6,548	26,203	24,565	1,638
15,001 - 20,000	20,845	20,536	309	357,874	352,499	5,375	26,254	24,916	1,338
20,001 - 30,000	17,013	16,716	297	412,572	405,409	7,163	44,889	43,115	1,774
30,001 - 50,000	10,999	10,866	133	416,314	411,463	4,851	69,093	67,574	1,519
50,001 - 100,000	5,256	5,201	55	350,143	346,477	3,666	95,559	94,209	1,350
100,001 and over	1,606	1,556	50	266,587	256,578	10,009	111,592	107,977	3,615
	1 9 7 7								
TOTAL	258,676	252,795	5,881	3,493,364	3,445,618	47,746	410,602	398,128	12,474
6,000 and below	57,579	53,922	3,657	265,429	258,036	7,393	5,472	3,468	2,004
6,001 - 8,000	50,336	49,906	430	352,974	349,976	2,998	8,294	7,579	715
8,001 - 10,000	40,305	39,934	371	360,366	357,024	3,342	11,185	10,413	772
10,001 - 15,000	50,802	50,201	601	613,444	606,018	7,426	28,235	26,605	1,630
15,001 - 20,000	22,853	22,547	306	393,789	388,488	5,301	28,518	27,357	1,161
20,001 - 30,000	17,961	17,642	319	435,281	427,547	7,734	46,438	44,780	1,658
30,001 - 50,000	11,678	11,578	100	439,045	435,417	3,628	71,509	70,403	1,106
50,001 - 100,000	5,519	5,450	69	367,067	362,573	4,494	99,907	98,426	1,481
100,001 and over	1,643	1,615	28	265,969	260,539	5,430	111,044	109,097	1,947

Notes: See notes to Table 12.12.

Source: Inland Revenue Department

12.14 INCOME TAX ASSESSMENT OF COMPANIES, 1976 AND 1977

Assessed Income Group \$	Taxpayers			Assessed Income			Tax Assessed		
	Total	Resident	Non-Resident	Total	Resident	Non-Resident	Total	Resident	Non-Resident
	Number			Thousand Dollars					
	1 9 7 6								
TOTAL	6,096	5,481	615	2,304,989	1,900,211	404,778	897,213	754,081	143,132
10,000 and below	1,708	1,538	170	408,639	315,880	92,759	158,228	126,088	32,140
10,001 - 20,000	758	693	65	46,947	46,009	938	18,766	18,389	377
20,001 - 30,000	476	422	54	11,785	10,439	1,346	4,693	4,165	528
30,001 - 50,000	636	585	51	25,062	23,077	1,985	9,980	9,201	779
50,001 - 100,000	758	693	65	54,744	50,186	4,558	21,848	20,025	1,823
100,001 - 300,000	882	797	85	151,009	135,031	15,978	60,227	53,914	6,313
300,001 - 500,000	294	258	36	114,206	100,081	14,125	45,231	39,803	5,428
500,001 - 1,000,000	237	209	28	169,614	147,956	21,658	67,137	58,528	8,609
Over 1,000,000	347	286	61	1,322,983	1,071,552	251,431	511,103	423,968	87,135
1 9 7 7									
TOTAL	5,664	5,195	469	1,771,382	1,481,458	289,924	696,152	587,811	108,341
10,000 and below	1,346	1,257	89	6,225	5,852	373	2,486	2,337	149
10,001 - 20,000	785	730	55	11,622	10,809	813	4,641	4,316	325
20,001 - 30,000	468	432	36	11,777	10,879	898	4,708	4,349	359
30,001 - 50,000	617	571	46	24,451	22,610	1,841	9,736	9,000	736
50,001 - 100,000	762	714	48	56,134	52,387	3,747	22,361	20,899	1,462
100,000 - 300,000	830	754	76	142,392	129,416	12,976	56,704	51,508	5,196
300,001 - 500,000	265	234	31	102,400	90,324	12,076	41,011	36,111	4,900
500,001 - 1,000,000	253	223	30	180,601	158,822	21,779	71,678	63,086	8,592
Over 1,000,000	338	280	58	1,235,780	1,000,359	235,421	482,827	396,205	86,622

Note: See notes to Table 12.12.

Source: Inland Revenue Department

13. PRICES

Consumer Price Index

The Consumer Price Index (June 1977 – May 1978 = 100) was compiled on the basis of a list of items and weighting pattern derived from the Household Expenditure Survey conducted from June 1977 to May 1978. The records of expenditure of 4,033 households (constituting 87 per cent of all households covered in the survey) with monthly expenditure between \$100 and \$1,499 were used as the weighting pattern. The index, a weighted arithmetic average of price relatives, is computed monthly and the yearly index is a simple average of twelve monthly indexes.

Retail Prices

Retail prices of goods are collected regularly from markets, supermarkets, provision shops and other retail outlets spread over the entire island. Prices are collected thrice weekly for perishable food items such as fish, vegetables, meat and poultry, and weekly for sundries and provisions. Clothing materials and some miscellaneous items including items of services are priced monthly while items with infrequent price fluctuations are either checked half-yearly or yearly.

Wholesale Price Indexes

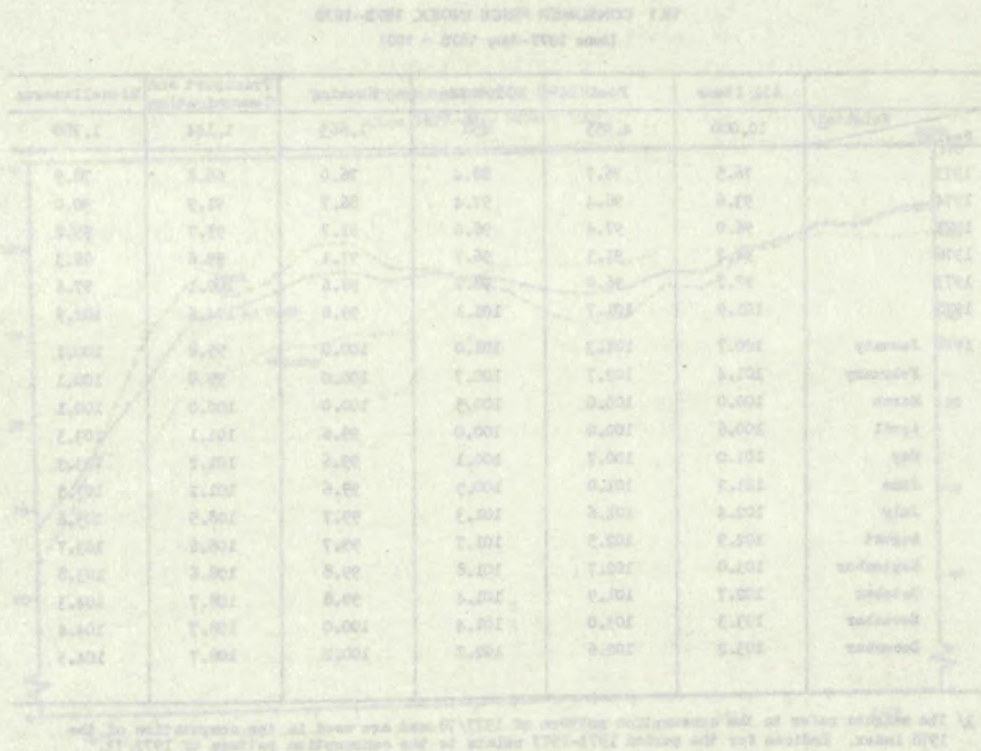
The series of wholesale price indexes (1974 = 100) consist of the General Wholesale Price Index and Indexes on Singapore manufactured products, imported products, building materials and local farm products. The list of items and weighting patterns for the series are derived from data collected in the 1973 Census of Industrial Production and/or the 1973 external trade statistics except those for the local farm products series which were based on data supplied by the Primary Production Department. The weights for the General Wholesale Price Index were made proportionate to the combined value of retained imports and locally manufactured goods sold in the domestic market and those for the building materials entering the building and construction industries. The weights for the Singapore manufactured products and the imported products series were respectively derived according to the value of production and imports in 1973.

Wholesale Prices

Wholesale prices of rubber are supplied weekly by the Rubber Association of Singapore. In the case of palm oil, prices were, prior to March 1972, supplied monthly by Messrs Kumpulan Guthrie Sdn

Bhd and since then by the Malaysian Palm Oil Producers' Association. For other types of produce, weekly prices were, prior to 1971, obtained from the

Singapore International Chamber of Commerce and currently from the Singapore Chinese Produce Exchange.



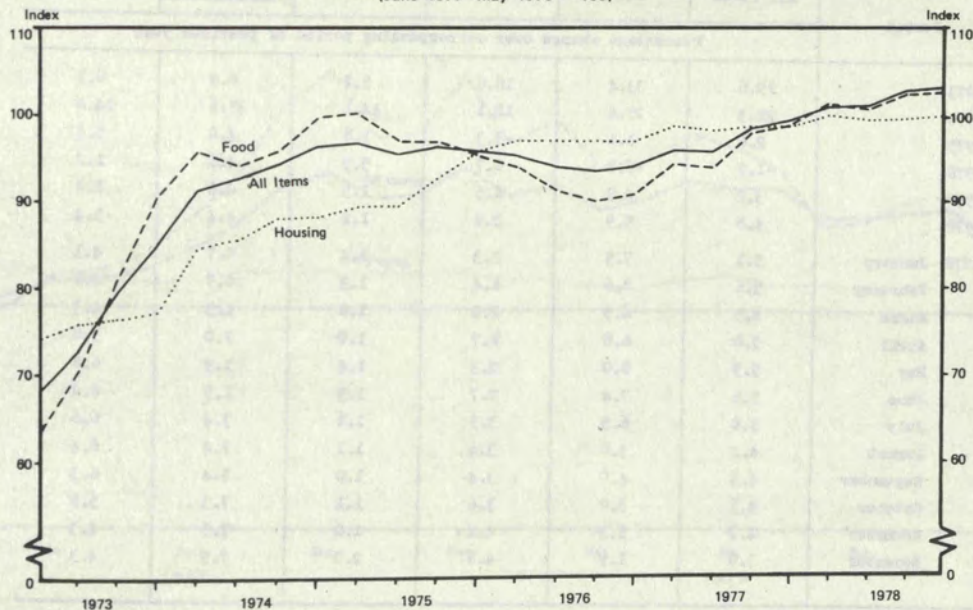
13.1 CONSUMER PRICE INDEX, 1973-1978

(June 1977-May 1978 = 100)

	All Items	Food	Clothing	Housing	Transport and Communication	Miscellaneous
Weights/ Period	10,000	4,955	458	1,663	1,144	1,780
1973	76.5	76.7	88.4	76.0	66.8	78.9
1974	93.6	96.4	97.4	86.7	91.9	90.0
1975	96.0	97.4	96.0	91.7	95.7	95.2
1976	94.2	91.5	96.7	97.1	99.6	96.3
1977	97.2	96.0	98.2	98.6	100.1	97.6
1978	101.9	101.7	101.1	99.8	104.6	102.9
1978 January	100.7	101.3	101.0	100.0	99.8	100.1
February	101.4	102.7	100.7	100.0	99.8	100.1
March	100.0	100.0	100.5	100.0	100.0	100.1
April	100.6	100.0	100.0	99.6	101.1	103.3
May	101.0	100.7	100.1	99.6	101.2	103.3
June	101.2	101.0	100.5	99.6	101.2	103.5
July	102.4	101.6	101.3	99.7	108.5	103.6
August	102.9	102.5	101.7	99.7	108.6	103.7
September	103.0	102.7	101.8	99.8	108.6	103.8
October	102.7	101.9	101.4	99.8	108.7	104.3
November	103.3	103.0	101.4	100.0	108.7	104.4
December	103.2	102.6	102.7	100.2	108.7	104.5

1/ The weights refer to the consumption pattern of 1971/78 and are used in the computation of the 1978 index. Indices for the period 1973-1977 relate to the consumption pattern of 1972/73.

CONSUMER PRICE INDEX
(June 1977–May 1978 = 100)



13.2 CHANGES IN CONSUMER PRICE INDEX, 1973-1978

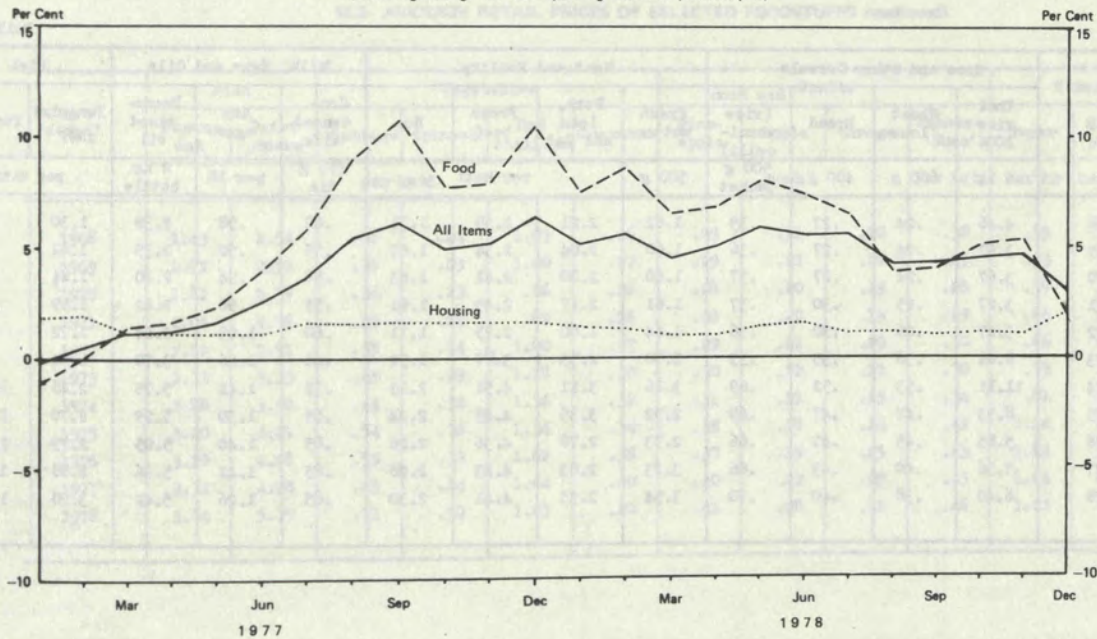
(June 1977-May 1978 = 100)

Period	All Items	Food	Clothing	Housing	Transport and Communication	Miscellaneous
	Percentage change over corresponding period of previous year					
1973	19.6	33.4	16.6	5.2	0.4	6.7
1974	22.3	25.6	10.1	14.1	37.6	14.0
1975	2.6	1.1	-1.3	5.8	4.0	5.7
1976	-1.9	-6.1	0.7	5.9	4.1	1.2
1977	3.2	4.9	1.5	1.5	0.6	1.4
1978	4.8	5.9	2.9	1.2	4.4	5.4
1978 January	5.1	7.5	2.3	1.4	0.7	4.1
February	5.6	8.6	1.4	1.3	0.7	4.1
March	4.5	6.5	2.0	1.0	1.3	4.3
April	5.0	6.8	1.7	1.0	2.0	5.8
May	5.9	8.0	2.3	1.4	1.9	6.6
June	5.5	7.4	2.7	1.5	1.9	6.4
July	5.6	6.5	3.5	1.1	7.4	6.6
August	4.2	3.8	3.4	1.1	7.4	6.4
September	4.3	4.0	3.4	1.0	7.4	6.3
October	4.5	5.0	3.6	1.1	7.3	5.2
November	4.7	5.3	4.1	1.0	7.5	4.3
December	3.0	1.9	4.8	2.0	7.5	4.3

CHANGES IN CONSUMER PRICE INDEX

(June 1977—May 1978 = 100)

(Percentage change over corresponding month of previous year)



13.3 AVERAGE RETAIL PRICES OF SELECTED FOODSTUFFS

Dollars

Year	Rice and Other Cereals				Meat and Poultry				Milk, Eggs and Oils			Fish	
	Thai rice 100%	Wheat flour	Bread	Bee Hoon (rice vermicelli)	Fresh mutton	Pork, lean and fat	Fresh beef	Hen	Condensed milk	Hen eggs	Deodorized oil	Tenggiri 'Bekah'	Kunning
	6 kg	600 g	400 g	500 g packet	500 g	per kati			397 g tin	per 10	2 kg bottle	per kati	
1968	4.46	.24	.27	.39	1.62	2.21	2.39	1.71	.62	.98	2.39	1.30	.48
1969	3.97	.24	.27	.36	1.60	2.04	2.34	1.60	.55	.92	2.39	1.41	.54
1970	3.67	.24	.27	.37	1.60	2.00	2.41	1.63	.50	.94	2.40	1.44	.64
1971	3.27	.25	.30	.37	1.61	2.17	2.49	1.61	.55	.98	2.62	1.59	.65
1972	3.47	.26	.30	.36	1.64	1.80	2.75	1.71	.60	1.05	2.64	1.72	.71
1973	8.04	.36	.35	.59	2.70	2.53	3.87	1.92	.68	1.26	3.70	1.94	.89
1974	11.11	.53	.52	.69	3.16	3.11	4.51	2.15	.72	1.41	5.75	2.48	1.38
1975	8.93	.47	.47	.69	2.92	3.35	4.45	2.24	.85	1.30	5.29	2.70	1.65
1976	5.85	.45	.45	.66	2.73	2.78	4.36	2.26	.85	1.40	5.05	2.79	1.87
1977	5.36	.40	.43	.66	3.23	2.83	4.23	2.28	.85	1.41	5.36	2.88	1.98
1978	6.40	.38	.40	.70	3.54	2.95	4.41	2.30	.85	1.26	5.42	3.28	1.97

13.3 AVERAGE RETAIL PRICES OF SELECTED FOODSTUFFS (continued)

Dollars

Year	Fish		Vegetables				Fruits				Miscellaneous		
	Parang out	Dried prawns	Cabbage	Spinach	Red chillies	Cucumber	Pine-apple	Apple	Orange	Bananas 'Emas'	Sugar	Coffee powder	Ceylon tea
	per kati						each			per kati	per kg	per kati	227 g packet
1968	1.43	2.54	.36	.24	1.03	.26	.29	.21	.20	.30	.55	2.21	1.51
1969	1.72	2.53	.38	.23	1.00	.27	.29	.21	.20	.29	.53	2.21	1.50
1970	1.81	2.59	.36	.23	.96	.26	.28	.20	.19	.28	.56	2.21	1.50
1971	2.02	2.76	.35	.23	.89	.26	.28	.20	.19	.29	.66	2.21	1.52
1972	2.12	2.91	.35	.24	1.00	.27	.29	.21	.20	.30	.66	2.21	1.51
1973	2.33	3.33	.45	.29	1.28	.30	.30	.22	.21	.30	.73	2.54	1.52
1974	2.88	3.98	.44	.32	1.36	.32	.31	.21	.25	.34	.81	2.88	1.59
1975	3.20	4.01	.54	.36	1.36	.34	.35	.18	.24	.41	1.24	2.96	1.66
1976	3.20	4.28	.55	.39	1.62	.38	.37	.19	.25	.43	1.24	3.97	1.68
1977	3.34	4.98	.63	.44	1.64	.40	.40	.22	.29	.45	1.24	8.21	1.98
1978	3.84	5.75	.71	.52	1.65	.40	.41	.28	.31	.46	1.22	7.02	2.14

13.4 THE GENERAL WHOLESALE PRICE INDEX

(1974 = 100)

	All Items	Food	Beverages and Tobacco	Crude Materials	Mineral Fuels	Animal and Vegetable Oils	Chemicals and Chemical Products	Manu- factured Goods	Machinery and Transport Equipment	Miscell- aneous Manu- factures
Weights	10,000	1,040	195	1,083	1,572	74	567	2,066	2,544	859
Period										
1975	98.5	98.6	112.3	87.2	105.0	76.6	96.2	93.5	101.7	103.7
1976	105.1	102.0	115.2	113.3	112.9	70.6	102.1	97.0	105.4	105.8
1977	109.9	112.1	116.6	118.8	121.1	89.0	103.3	99.6	107.6	111.0
1978	111.6	110.1	121.8	127.7	114.6	89.9	101.6	104.8	110.1	114.5
1978 January	109.6	109.9	120.7	118.4	117.6	79.7	101.5	100.4	108.7	113.4
February	109.6	110.1	121.2	118.1	117.1	80.3	101.3	101.0	108.7	113.6
March	109.9	109.2	121.3	118.5	117.0	83.3	101.0	102.1	109.3	112.9
April	110.4	111.3	121.6	119.1	116.7	84.2	101.6	102.9	109.4	113.0
May	111.1	111.1	121.8	121.8	117.8	89.1	101.8	103.7	109.7	113.2
June	112.0	110.5	121.9	127.0	116.7	92.5	101.7	105.0	110.6	113.7
July	112.2	109.7	122.0	127.1	115.5	92.7	101.9	106.1	111.1	114.9
August	112.5	110.6	122.1	130.0	113.8	92.9	102.2	106.2	111.1	115.4
September	112.9	109.9	122.0	133.6	112.7	93.5	102.1	107.3	111.2	115.8
October	113.0	110.5	122.2	138.1	109.4	96.2	100.6	107.4	111.2	116.8
November	113.1	109.5	122.1	141.2	110.2	97.7	101.7	107.7	110.6	114.9
December	113.0	109.2	122.2	139.1	110.9	96.9	101.5	108.0	110.1	116.2

13.5 WHOLESALE PRICE INDEX OF SINGAPORE MANUFACTURED PRODUCTS

(1974 = 100)

	All Items	Food	Beverages and Tobacco	Crude Materials	Mineral Fuels	Animal and Vegetable Oils	Chemicals and Chemical Products	Mam-factured Goods	Machinery and Transport Equipment	Miscellaneous Manufactures
Weights	10,000	840	263	1,286	2,191	66	613	1,702	2,013	1,026
Period										
1975	97.0	103.1	113.8	87.3	104.5	73.0	94.7	93.8	91.7	102.4
1976	103.5	109.2	116.2	117.7	112.3	66.3	103.9	98.7	85.2	105.0
1977	108.7	120.8	117.7	122.6	119.9	78.9	103.8	103.8	86.2	112.4
1978	106.9	111.0	122.3	134.1	112.9	81.3	100.0	107.4	77.7	114.9
1978 January	106.9	115.0	122.1	122.3	117.0	75.5	100.2	103.8	81.9	115.9
February	106.7	112.8	122.1	122.7	116.4	76.8	99.8	104.0	81.1	117.3
March	106.4	111.1	122.1	123.2	115.4	77.7	99.5	105.3	81.1	115.4
April	105.8	110.6	122.4	123.4	116.2	76.9	100.5	105.7	77.7	113.6
May	106.4	110.9	122.4	126.9	116.4	79.6	100.7	106.5	76.8	114.2
June	107.4	111.1	122.4	134.2	116.0	80.6	100.5	107.4	77.2	114.1
July	107.0	109.9	122.3	134.0	112.6	80.5	100.7	108.6	77.4	115.5
August	107.3	110.3	122.3	137.0	112.1	81.3	100.5	108.6	77.6	115.8
September	107.2	110.7	122.3	141.7	110.9	83.9	100.3	108.2	76.1	114.4
October	106.7	110.8	122.3	146.4	105.3	86.9	98.1	109.9	75.1	115.3
November	107.8	109.0	122.3	150.9	108.9	87.9	99.6	110.2	75.2	113.1
December	107.2	109.4	122.3	146.9	107.7	87.9	99.1	110.6	74.7	114.6

13.6 WHOLESALE PRICE INDEX OF IMPORTED PRODUCTS

(1974 = 100)

	All Items	Food	Beverages and Tobacco	Crude Materials	Mineral Fuels	Animal and Vegetable Oils	Chemicals and Chemical Products	Manu- factured Goods	Machinery and Transport Equipment	Miscell- aneous Manu- factures
Weights	10,000	997	85	1,622	1,293	144	550	1,959	2,657	693
Period										
1975	98.3	96.6	108.5	82.3	106.2	83.3	105.3	95.1	105.4	102.0
1976	107.2	102.8	113.7	110.0	115.3	72.1	104.7	98.5	111.9	106.9
1977	112.6	118.7	114.1	115.5	123.1	96.7	103.9	101.3	114.7	111.8
1978	116.9	118.9	120.0	126.6	117.4	95.1	104.2	107.7	121.1	115.1
1978 January	113.2	118.5	116.2	116.0	119.8	81.0	103.8	102.7	117.5	113.9
February	113.6	119.3	118.2	116.2	119.3	81.5	103.7	103.6	118.2	113.6
March	114.2	118.1	118.7	116.8	119.6	85.6	103.5	105.0	119.0	113.7
April	114.9	120.6	119.2	116.7	118.9	88.1	103.9	105.8	120.0	114.5
May	116.1	120.4	120.2	120.5	120.3	95.7	104.1	106.7	120.9	113.9
June	117.5	119.8	120.3	126.7	118.9	101.1	104.1	108.0	121.8	114.8
July	117.7	117.7	120.8	126.7	118.6	102.3	104.4	108.9	122.4	115.8
August	118.1	118.3	121.3	129.6	116.7	102.0	104.8	109.1	122.4	116.1
September	119.0	117.3	120.9	133.9	115.5	100.5	104.8	110.5	123.0	116.3
October	119.7	119.4	121.7	138.6	113.4	101.1	103.8	110.4	123.2	116.7
November	119.8	119.3	121.3	140.5	113.4	101.6	104.6	110.6	122.4	115.9
December	119.1	117.9	121.7	136.4	114.6	100.1	104.6	110.8	122.0	116.5

13.7 WHOLESALE PRICE INDEX OF BUILDING MATERIALS

	All Items	Timber and Wood Products	Concrete Ingred- ients (Granite)	Paint	Cement	Bricks and Concrete Blocks	Tiles	Iron and Steel Products	Cables	Sanitary and Plumbing Fixtures	Other Mis- cellaneous Building Materials
Weights	10,000	586	603	517	1,978	330	986	3,466	625	173	736
Period											
1975	91.1	94.8	112.5	99.8	102.6	103.2	90.0	80.1	64.2	100.6	102.6
1976	93.8	112.2	138.9	99.7	94.8	107.5	92.5	82.2	64.8	104.0	107.5
1977	94.7	118.6	123.6	99.7	92.2	108.9	107.3	82.3	64.1	101.9	114.6
1978	99.0	119.6	115.5	99.7	95.7	107.5	120.9	89.2	63.6	103.8	118.6
1978 January	94.6	117.4	114.0	99.7	92.7	106.6	115.7	81.7	62.0	101.9	115.7
February	94.6	117.3	114.0	99.7	92.7	106.6	115.7	81.7	62.0	101.9	115.7
March	96.2	117.4	113.7	99.7	92.7	106.6	117.4	85.7	62.0	101.9	115.6
April	96.9	117.9	113.7	99.7	96.5	106.6	117.4	85.7	62.0	101.9	115.6
May	97.0	118.7	113.7	99.7	96.5	106.6	117.4	85.7	62.0	101.9	115.6
June	98.9	119.4	113.7	99.7	96.5	106.6	119.7	89.1	63.6	101.9	120.3
July	101.0	120.0	117.2	99.7	96.5	106.8	122.3	93.5	63.6	105.6	120.1
August	101.3	120.4	117.2	99.7	96.5	106.8	124.5	93.5	63.6	105.6	120.8
September	101.5	121.3	117.2	99.7	96.5	109.3	124.9	93.5	63.6	105.8	120.7
October	101.6	121.5	117.0	99.7	96.5	109.3	124.9	93.5	66.3	105.8	121.0
November	101.7	121.6	117.0	99.7	96.5	109.3	125.2	93.5	66.3	105.8	121.0
December	102.1	122.4	117.0	99.7	98.7	109.3	125.2	93.5	66.3	105.8	120.8

13.8 WHOLESALE PRICE INDEX OF LOCAL FARM PRODUCTS

(1974 = 100)

	All Items	Pigs	Fowls	Ducks	Hen Eggs	Leafy Vegetables	Fruit Vegetables	Root Vegetables	Fish, Fresh
Period \ Weights	10,000	4,879	2,384	272	1,084	435	99	22	825
1975	106.8	115.0	94.0	98.4	91.3	112.9	108.1	95.7	116.0
1976	93.2	80.8	98.0	95.4	99.1	102.5	119.7	96.6	135.9
1977	104.0	97.2	96.5	106.2	98.3	124.5	133.9	142.3	156.6
1978	100.9	92.4	96.0	97.9	82.3	142.0	127.9	141.0	164.1
1978 January	114.8	112.2	104.9	142.3	92.4	135.8	146.5	138.0	164.4
February	105.1	100.2	93.5	128.9	76.8	114.7	149.8	138.0	185.2
March	91.2	83.2	75.4	102.8	76.5	151.5	130.8	129.4	161.8
April	90.1	85.3	72.9	74.6	71.6	174.5	110.9	131.2	149.8
May	100.8	100.8	78.2	83.1	78.4	194.9	104.0	126.0	150.9
June	99.3	100.5	85.7	83.8	70.7	129.1	139.8	144.9	152.6
July	103.4	101.3	101.1	98.6	70.5	120.3	133.8	153.6	153.4
August	102.3	92.8	108.3	104.2	79.2	96.5	114.9	148.3	171.5
September	105.2	90.9	118.0	96.5	84.8	113.1	105.3	143.2	177.3
October	97.8	83.3	104.3	93.0	89.1	109.3	121.1	143.2	167.3
November	98.6	79.8	103.7	83.8	94.1	181.0	147.7	148.3	155.9
December	101.6	79.0	105.4	83.1	104.0	183.8	129.9	148.3	179.2

13.9 AVERAGE WHOLESALE PRODUCE PRICES

Year	Rubber							Palm Oil 1/	Pepper		Coffee AP 1	Tin	Coconut Oil, Crude (In Drums)
	Ribbed Smoked Sheet				SSR 20	SSR 50	Int 3 Thick Blanket Crepe (Amber)		Black Lampung	White Muntok Genuine			
	Int 1	Int 2	Int 3	Int 4									
Cents per kilogram (fob)							\$ per ton (fob)	Dollars per picul (fob)					
1968	116.93	114.46	112.83	111.42	..	..	103.26	446.85	109.05	123.91	101.41	565.54	57.83
1969	153.62	152.38	150.84	149.21	..	..	136.20	441.49	151.59	155.06	95.92	625.76	52.54
1970	124.69	121.76	119.60	117.62	..	..	115.21	649.53	221.19	179.95	112.54	665.10	59.02
1971	102.22	95.39	93.36	91.97	..	..	93.09	658.38	186.45	190.20	117.31	630.70	55.01
1972	93.65	89.87	88.44	86.95	..	..	84.83	499.98	144.21	195.00	99.88	626.24	38.68
1973	166.82	159.65	158.18	155.28	..	..	147.86	518.17	165.68	247.35	140.63	683.36	72.45
1974	183.71	171.18	165.67	160.56	151.90	145.63	152.28	1,167.60	237.79	292.93	159.66	1,127.77	145.09
1975	135.12	131.01	128.80	126.18	131.20	129.38	119.64	1,072.17	236.73	258.90	159.82	964.05	70.19
1976	192.99	186.74	183.52	180.03	185.76	183.60	174.09	881.65	253.71	281.04	352.03	1,143.07	68.86
1977	200.84	196.32	191.99	188.36	196.21	193.86	177.52	1,224.56	338.18	399.76	627.06	1,584.93	94.27
1978	226.07	220.14	217.13	214.14	213.70	211.63	200.90	1,178.28	271.17	377.75	379.19	1,744.15	94.39

Notes: Int = International.

SSR = Singapore Specified Rubber.

1/ Figures prior to 1974 refer to quarterly average selling price ex-installation and from 1974 onwards they refer to monthly average shipment price.

Figures from 1974 onwards are in Malaysian Dollars.

Sources: International Chamber of Commerce
Rubber Association of Singapore
Chinese Produce Exchange
Malaysian Palm Oil Producers Association

Primary Education

Primary education is free for children of citizens. It begins at the age of six and extends over a period of six years. At the end of it, pupils have to pass a common Primary School Leaving Examination (PSLE) for admission to the secondary level. Pupils who fail to qualify are allowed to repeat provided they are not over-aged. Those who fail more than twice at any level between primary 3 and primary 6 have the opportunity to continue in the Basic Course which offers a total of up to 9 years of primary education. On completion of the Basic Course, pupils can undergo a 3-year Junior Trainee Scheme. Under this scheme they are placed in employment for on-the-job training and at the same time attend a further education programme for 6 hours a week with the Adult Education Board.

Secondary Education

Pupils are admitted into secondary schools on the basis of their PSLE results. They normally go through a 4-year programme in the general stream, leading to the Singapore-Cambridge General Certificate of Education 'Ordinary' Level (GCE 'O' Level).

Most secondary schools operate on a 2-session day and pupils attend either one of these sessions. The school year consists of two semesters, one semester being made up of 2 terms of 10 weeks each.

Pupils in the first two years follow a common curriculum which covers the first and second languages, literature, mathematics, science, history and geography, civics, art and crafts, music, technical studies and physical education. Girls can choose to take home economics in place of technical studies.

Pupils in Secondary 3 and Secondary 4 of the General Stream have to take 9 compulsory subjects and up to 3 electives. Five of the nine compulsory subjects are examination subjects which comprise the first and second languages, mathematics, one science subject and literature or history or geography. The compulsory non-examination components include civics and current affairs, weekly assembly talks, music and physical education. There are more than 20 elective examination subjects categorised into the arts, sciences, commerce and technical studies.

Pupils are allowed to be retained for a maximum of 2 years during their whole school career.

Those who fail a third time can continue their schooling in the Vocational Stream. The Vocational Stream provides employment-oriented courses in technical, commercial or service jobs. The technical and commercial courses are run by the Industrial Training Board (ITB) and Adult Education Board (AEB) respectively.

A two-year pre-university or junior college course offering arts, science, commercial or technical subjects leading to the GCE Advanced ('A') Levels is available for GCE Ordinary ('O') Levels holders who meet the stipulated admission requirements.

Industrial Training

Industrial training in Singapore concerns mainly the training of technicians and skilled workers through the institutional and apprenticeship training schemes of the ITB.

The Board's training institutions offer full-time and part-time courses at Industrial Technician Certificate (ITC), National Trade Certificate (NTC) and artisan levels in about 50 trades.

The ITC courses consist of either two-year full-time or three-year day-release programmes. The

courses include theory, development of practical and supervisory skills aimed at the training of technicians and supervisors. The NTC courses vary from one to three years in duration. The artisan courses provide training in specific skills not requiring broad theoretical knowledge. Duration of courses range from six months to a year.

Besides running institutional training programmes, the ITB together with the Economic Development Board enter into joint apprenticeship training schemes with firms to provide specific skill training for workers of these firms. Such training schemes are organised on a day-release or block-release basis according to the need of the firms. The apprentices are either attached to the participating firms or the Joint Government Training Centres which train skilled workers for the high technology industries.

Tertiary Education

The tertiary institutions in Singapore are the University of Singapore, the Nanyang University, the Singapore Polytechnic, the Ngee Ann Technical College and the Institute of Education.

The University of Singapore offers degree courses in Arts, Social Sciences, Law, Science, Medicine, Dentistry, Pharmacy, Engineering (including

Chemical Engineering), Architecture, Building and Estate Management, Accountancy and Business Administration. Higher degrees are awarded in most Faculties and Schools. Post-graduate diplomas in Business Administration and Education are also awarded but the course leading to the latter is conducted by the Institute of Education. The medium of instruction at the university is English except for Chinese and Malay studies.

The Nanyang University offers Bachelor and Higher Degree courses in Arts, Commerce, Science, Accountancy and Business Administration. All lectures are conducted in English except for courses offered in the Department of Chinese Language and Literature where the medium of instruction is Mandarin.

In the academic years 1978–1979, all first year students admitted to the Faculties of Arts, Science, Accountancy and Business Administration of Nanyang University attend common courses with their counterparts from the University of Singapore at the Joint Campus at Bukit Timah.

The Singapore Polytechnic Ordinance offers technician diploma courses in civil, electrical, mechanical, production, marine and structural engineering and electronics and communication. In addition, there are technician diploma courses for architectural

draughtsmanship, building, land surveying, chemical process technology and ship construction. Technician certificate courses are conducted for architectural draughtsmanship, aeronautical maintenance engineering, maritime radio-communications and certificate courses in pre-sea training and works management.

Ngee Ann Technical College offers courses at the engineering technician level leading to the Technician Diploma in Mechanical Engineering, Electrical and Electronic Engineering, Shipbuilding and Repair Technology and Building Maintenance and Management. The College also conducts a Business Studies course leading to the Diploma in Business Studies.

The Institute of Education provides training for pre-primary, primary and secondary school teachers in all the four official languages, and conducts in-service and upgrading courses for the development of qualified teachers. Post-graduate courses leading to the degrees of Master in Education and Doctor of Philosophy in Education awarded by the University of Singapore are also offered.

Adult Education

The Adult Education Board, a statutory organi-

sation provides a wide range of part-time courses, including language learning, general, vocational, technical and commercial education for working adults and school leavers in the evenings and during the week-ends. Commercial courses and the Extension Education programme for Junior Trainees are also conducted by the Board for school leavers during the day.

Expenditure on Education

Expenditure on education by Government covers all expenditure incurred by government schools, aids and grants provided to aided schools and contributions to the various institutions of higher learning. It excludes that part of the expenditure which is borne by aided schools from their own funds as well as expenditure on education by private schools and organisations.

Year	Month	Expenditure on Education				Total	Percentage	Remarks
		Government	Aided	Private	Other			
1954-55	Jan	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1955-56	Feb	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1956-57	Mar	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1957-58	Apr	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1958-59	May	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1959-60	Jun	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1960-61	Jul	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1961-62	Aug	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1962-63	Sep	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1963-64	Oct	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1964-65	Nov	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1965-66	Dec	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1966-67	Jan	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1967-68	Feb	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1968-69	Mar	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1969-70	Apr	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1970-71	May	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1971-72	Jun	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1972-73	Jul	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1973-74	Aug	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1974-75	Sep	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1975-76	Oct	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1976-77	Nov	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1977-78	Dec	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1978-79	Jan	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1979-80	Feb	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1980-81	Mar	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1981-82	Apr	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1982-83	May	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1983-84	Jun	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1984-85	Jul	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1985-86	Aug	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1986-87	Sep	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1987-88	Oct	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1988-89	Nov	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1989-90	Dec	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1990-91	Jan	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1991-92	Feb	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1992-93	Mar	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1993-94	Apr	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1994-95	May	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1995-96	Jun	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1996-97	Jul	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1997-98	Aug	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1998-99	Sep	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
1999-00	Oct	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2000-01	Nov	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2001-02	Dec	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2002-03	Jan	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2003-04	Feb	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2004-05	Mar	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2005-06	Apr	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2006-07	May	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2007-08	Jun	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2008-09	Jul	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2009-10	Aug	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2010-11	Sep	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2011-12	Oct	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2012-13	Nov	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2013-14	Dec	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2014-15	Jan	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2015-16	Feb	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2016-17	Mar	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2017-18	Apr	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2018-19	May	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2019-20	Jun	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2020-21	Jul	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2021-22	Aug	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2022-23	Sep	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2023-24	Oct	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2024-25	Nov	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2025-26	Dec	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2026-27	Jan	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2027-28	Feb	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2028-29	Mar	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2029-30	Apr	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2030-31	May	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2031-32	Jun	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2032-33	Jul	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2033-34	Aug	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2034-35	Sep	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2035-36	Oct	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2036-37	Nov	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2037-38	Dec	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2038-39	Jan	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2039-40	Feb	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2040-41	Mar	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2041-42	Apr	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2042-43	May	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2043-44	Jun	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2044-45	Jul	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2045-46	Aug	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2046-47	Sep	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2047-48	Oct	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2048-49	Nov	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2049-50	Dec	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2050-51	Jan	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2051-52	Feb	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2052-53	Mar	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2053-54	Apr	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2054-55	May	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2055-56	Jun	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2056-57	Jul	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2057-58	Aug	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2058-59	Sep	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2059-60	Oct	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2060-61	Nov	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2061-62	Dec	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2062-63	Jan	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2063-64	Feb	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2064-65	Mar	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2065-66	Apr	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2066-67	May	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2067-68	Jun	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2068-69	Jul	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2069-70	Aug	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2070-71	Sep	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	
2071-72	Oct	1,20,000	1,20,000	1,20,000	1,20,000	4,80,000	100	

14.1 ENROLMENT IN EDUCATIONAL INSTITUTIONS

Number								
Year	Total	Primary Schools ¹	Secondary Schools ²				Technical and Vocational Institutes ³	Universities and Colleges
			Total	Academic	Vocational			
					Technical	Commercial		
1968	537,257	371,970	150,641	127,866	11,274	11,501	2,199	12,447
1969	531,704	366,881	147,981	131,455	10,797	5,729	4,129	12,713
1970	527,668	363,518	145,740	136,782	7,852	1,106	4,727	13,683
1971	531,790	357,936	153,522	139,251	12,186	2,085	6,063	14,269
1972	537,278	354,748	161,371	144,145	14,859	2,367	5,841	15,318
1973	542,442	345,284	173,109	155,050	15,645	2,414	7,124	16,925
1974	536,045	337,816	174,177	154,606	16,958	2,613	6,250	17,802
1975	532,956	328,401	176,224	153,029	19,802	3,393	9,830	18,501
1976	526,602	316,265	177,992	152,713	19,951	5,328	11,751	20,594
1977	518,122	308,342	178,186	153,055	19,100	6,031	10,860	20,734
1978	510,416	300,398	179,811	154,494	18,728	6,589	9,830	20,377

Note: Enrolment data refer to end-June.

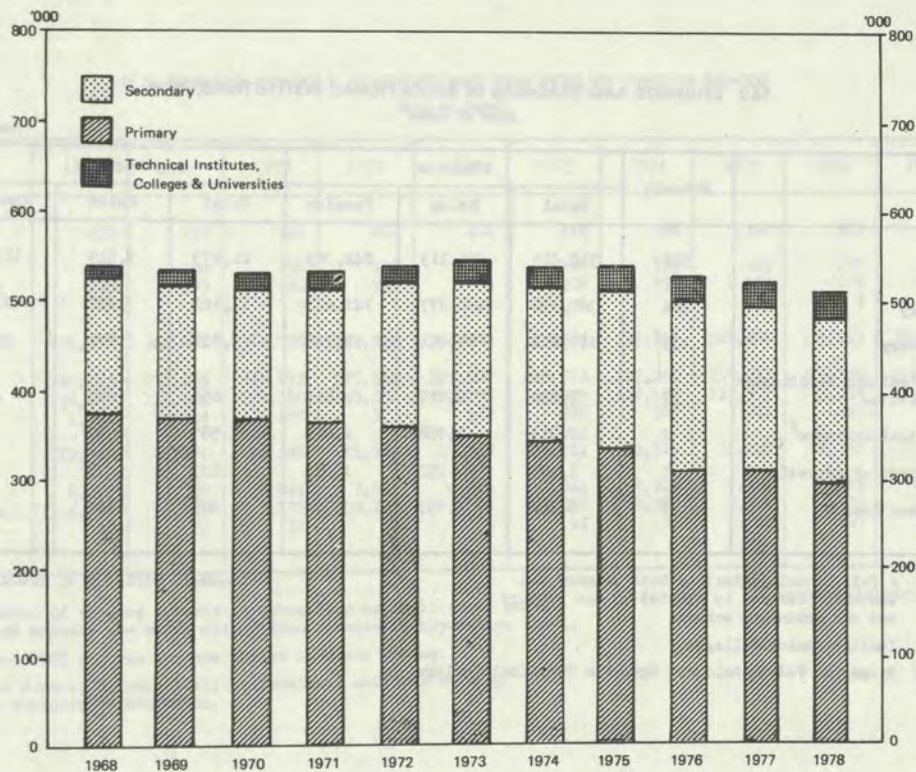
Source: Ministry of Education

1 1977 and 1978 figures include pupils in Basic Course.

2 Include Junior Colleges.

3 Figures refer to enrolments at the vocational institutes and industrial training institutions run by the Industrial Training Board.

NUMBER OF STUDENTS



14.2 STUDENTS AND TEACHERS IN EDUCATIONAL INSTITUTIONS, 1978
(End of June)

	Schools	Students			Teachers		
		Total	Males	Females	Total	Males	Females
Total	516	510,416	268,113	242,303	21,279	9,819	11,460
Primary	364	300,398	158,777	141,621	11,112	3,957	7,155
Secondary ¹	135	179,811	87,071	92,740	7,828	3,871	3,957
Technical and Vocational Institutes	12	9,830	9,017	813	654	601	53
Technical Colleges ²	2	10,013	7,998	2,015	587	500	87
Institute of Education	1	1,605	253	1,352	123	78	45
Universities	2	8,759	4,997	3,762	975	812	163

Note: A full school conducting both primary and secondary classes is treated as one primary and one secondary school.

Source: Ministry of Education

1 Include Junior Colleges.

2 Singapore Polytechnic and Ngee Ann Technical College.

14.3 PRIMARY SCHOOLS, STUDENTS AND TEACHERS BY TYPE OF SCHOOL
(End of June)

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total Schools¹	450	437	427	419	414	410	396	391	379	376	364
Government	199	200	198	197	197	196	193	193	190	199	196
Government-Aided	235	227	220	215	211	208	199	194	185	174	165
Private	16	10	9	7	6	6	4	4	4	3	3
Total Students²	371,970	366,881	363,518	357,936	354,748	345,284	337,816	328,401	316,265	308,342	300,398
Government	240,104	238,089	233,692	229,562	227,588	222,973	219,281	215,657	213,149	214,749	214,727
Government-Aided	130,842	128,048	129,150	128,001	126,798	121,925	118,170	112,377	102,824	93,392	85,491
Private	1,024	744	676	373	362	386	365	367	292	201	180
Total Teachers³	12,422	12,156	12,248	11,949	10,858	11,714	11,511	11,190	11,432	11,137	11,112
Government	8,147	7,959	8,044	7,811	6,975	7,664	7,510	7,344	7,684	7,699	7,857
Government-Aided	4,226	4,160	4,172	4,124	3,868	4,036	3,988	3,831	3,732	3,424	3,247
Private	49	37	32	14	15	14	13	15	16	14	8

Source: Ministry of Education

- 1 The number of primary schools is decreasing as small rural sub-standard schools are being closed down because of population shift.
- 2 1977 and 1978 figures include pupils in Basic Course.
- 3 Figures from 1973 include all professional officers working in the Ministry of Education.

14.4 PRIMARY SCHOOL STUDENTS AND TEACHERS BY LANGUAGE STREAM

(End of June)

Number

Language Stream	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Students											
Total	371,970	366,881	363,518	357,936	354,748	345,284	337,816	328,401	316,265	308,342	300,398
Males	198,602	195,780	193,825	190,079	187,987	182,556	178,462	173,406	166,678	163,292	158,776
Females	173,368	171,101	169,693	167,857	166,761	162,728	159,354	154,995	149,587	145,050	141,622
English	225,401	224,929	227,239	227,190	229,386	229,492	232,834	234,251	234,700	237,994	241,469
Males	121,797	121,295	122,182	121,167	121,787	121,249	122,804	123,713	123,664	125,875	127,556
Females	103,604	103,634	105,057	106,023	107,599	108,243	110,030	110,538	111,036	112,119	113,913
Chinese	118,357	116,699	115,349	113,771	112,509	106,387	98,647	89,823	78,712	68,315	57,455
Males	65,408	64,316	63,331	62,142	61,116	57,587	53,156	47,939	41,845	36,539	30,547
Females	52,949	52,383	52,018	51,629	51,393	48,800	45,491	41,884	36,867	31,776	26,908
Malay	26,719	23,938	19,749	15,885	11,891	8,587	5,712	3,883	2,567	1,837	1,362
Males	10,896	9,704	7,881	6,341	4,698	3,387	2,252	1,571	1,055	798	621
Females	15,823	14,234	11,868	9,544	7,193	5,200	3,460	2,312	1,512	1,039	741
Tamil	1,493	1,315	1,181	1,090	962	818	623	444	286	196	112
Males	501	465	431	429	386	333	250	183	114	80	52
Females	992	850	750	661	576	485	373	261	172	116	60
Teachers											
Total	12,422	12,156	12,248	11,949	10,858	11,714	11,511	11,190	11,432	11,137	11,112
Males	4,751	4,483	4,165	4,055	3,757	3,747	3,665	3,702	4,020	3,938	3,957
Females	7,671	7,673	8,083	7,894	7,101	7,967	7,846	7,488	7,412	7,199	7,155
English	6,975	6,847	7,522	7,405	6,686	7,442	7,416	7,413	7,723	7,935	8,207
Males	2,212	2,053	2,058	2,046	1,905	1,952	1,974	2,112	2,318	2,473	2,630
Females	4,763	4,794	5,464	5,359	4,781	5,490	5,442	5,301	5,405	5,462	5,577
Chinese	4,011	3,940	3,781	3,714	3,482	3,645	3,557	3,322	3,262	2,906	2,668
Males	1,786	1,695	1,636	1,590	1,499	1,463	1,399	1,335	1,441	1,284	1,184
Females	2,225	2,245	2,145	2,124	1,983	2,182	2,158	1,987	1,821	1,622	1,484
Malay	1,261	1,196	874	764	636	568	487	420	413	269	219
Males	650	632	442	395	330	312	274	240	244	169	134
Females	611	564	432	369	306	256	213	180	169	100	85
Tamil	175	173	71	66	54	59	51	35	34	27	18
Males	103	103	29	24	23	20	18	15	17	12	9
Females	72	70	42	42	31	39	33	20	17	15	9

Note: Teachers were classified according to medium of instruction in 1968 and 1969.

Source: Ministry of Education

14.5 ENROLMENT IN PRIMARY SCHOOLS BY AGE AND LEVEL, 1978

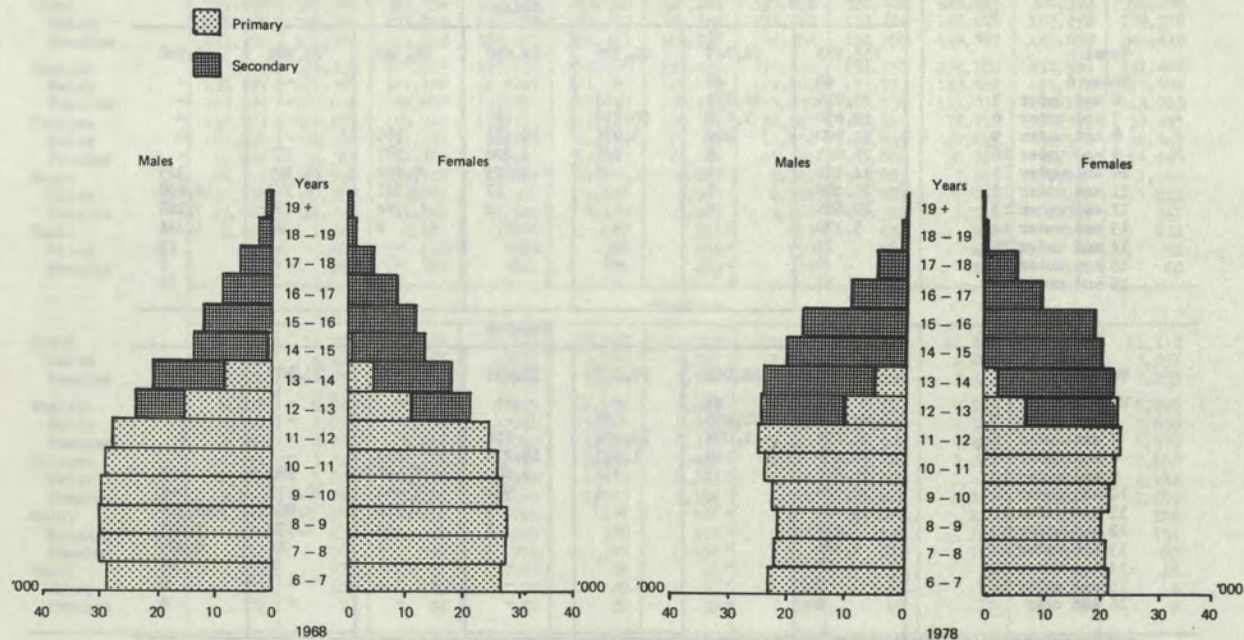
(End of June)

Age as at 1.1.78	Number						
	Total	Primary I	Primary II	Primary III	Primary IV	Primary V	Primary VI
Males							
Total	155,982	24,747	24,782	24,698	26,340	25,909	29,506
Under 6	40	40	-	-	-	-	-
6 and under 7	23,016	22,852	164	-	-	-	-
7 and under 8	22,650	1,632	20,830	188	-	-	-
8 and under 9	21,900	214	3,036	18,465	185	-	-
9 and under 10	22,863	5	745	4,208	17,587	318	-
10 and under 11	24,121	1	7	1,823	5,200	16,765	325
11 and under 12	25,289	1	-	12	3,341	5,307	16,628
12 and under 13	10,686	2	-	2	24	3,490	7,168
13 and under 14	5,370	-	-	-	2	24	5,344
14 and under 15	27	-	-	-	-	4	23
15 and under 16	8	-	-	-	-	-	8
16 and over	12	-	-	-	1	1	10
Females							
Total	141,120	22,662	22,393	22,032	23,306	23,807	26,920
Under 6	47	47	-	-	-	-	-
6 and under 7	21,518	21,415	103	-	-	-	-
7 and under 8	21,171	1,088	19,971	112	-	-	-
8 and under 9	20,450	109	1,933	18,275	133	-	-
9 and under 10	21,515	3	382	2,689	18,158	282	1
10 and under 11	22,782	-	4	944	3,464	18,077	293
11 and under 12	23,704	-	-	9	1,516	3,864	18,315
12 and under 13	7,419	-	-	2	32	1,572	5,813
13 and under 14	2,486	-	-	1	1	11	2,473
14 and under 15	17	-	-	-	1	1	15
15 and under 16	7	-	-	-	1	-	6
16 and over	4	-	-	-	-	-	4

Note: Figures exclude 2,794 males and 502 females in Basic Course.

Source: Ministry of Education

ENROLMENT IN PRIMARY AND SECONDARY SCHOOLS BY AGE AND SEX – 1968 AND 1978



14.6 SECONDARY SCHOOLS, STUDENTS AND TEACHERS BY TYPE OF SCHOOL
(End of June)

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total Schools	135	126	123	122	121	124	123	124	126	131	135
Government	78	70	68	68	68	69	69	70	72	77	79
Government-Aided	49	48	47	46	45	47	48	48	48	49	51
Private	8	8	8	8	8	8	6	6	6	5	5
Total students	150,641	147,981	145,740	153,522	161,371	173,109	174,177	176,224	177,992	178,186	179,811
Government	106,918	104,885	103,874	111,030	118,174	127,942	127,384	127,651	128,148	127,769	128,509
Government-Aided	41,819	40,812	39,816	40,451	41,192	43,315	45,017	46,687	48,022	48,724	49,612
Private	1,904	2,284	2,050	2,041	2,005	1,852	1,776	1,886	1,822	1,693	1,690
Total Teachers¹	6,657	6,588	6,550	6,685	6,398	7,442	7,543	7,559	7,592	7,753	7,828
Government	4,998	4,894	4,847	4,979	4,800	5,750	5,777	5,761	5,739	5,799	5,787
Government-Aided	1,589	1,596	1,618	1,623	1,510	1,600	1,694	1,724	1,784	1,881	1,974
Private	70	98	85	83	88	92	72	74	69	73	67

¹ Figures from 1973 include all professional officers working in the Ministry of Education.

Source: Ministry of Education

14.7 SECONDARY SCHOOL STUDENTS AND TEACHERS BY LANGUAGE STREAM

(End of June)

Number

Language Stream	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Students											
Total	150,641	147,981	145,740	153,522	161,371	173,109	174,177	176,224	177,992	178,186	179,811
Males	81,189	78,092	75,050	78,267	81,283	86,809	86,735	86,753	86,731	86,362	87,071
Females	69,452	69,889	70,690	75,255	80,088	86,300	87,442	89,471	91,261	91,824	92,740
English	85,234	87,893	90,096	98,700	105,478	114,548	115,145	116,094	117,946	119,514	123,936
Males	45,183	45,562	45,670	49,514	52,370	56,837	56,718	56,322	56,546	56,988	59,201
Females	40,051	42,331	44,426	49,186	53,108	57,711	58,427	59,772	61,400	62,526	64,735
Chinese	55,715	51,399	46,762	45,874	46,522	48,823	49,993	52,263	53,917	54,093	52,715
Males	31,979	29,098	25,976	25,477	25,590	26,622	26,924	27,820	28,315	27,995	26,920
Females	23,736	22,301	20,786	20,397	20,932	22,201	23,069	24,443	25,602	26,098	25,795
Malay	9,367	8,409	8,591	8,647	9,055	9,374	8,657	7,507	5,794	4,301	2,944
Males	3,939	3,361	3,322	3,200	3,218	3,201	2,920	2,441	1,736	1,272	878
Females	5,428	5,048	5,269	5,447	5,837	6,173	5,737	5,066	4,058	3,029	2,066
Tamil	325	280	291	301	316	364	382	360	335	278	216
Males	88	71	82	76	105	149	173	170	134	107	72
Females	237	209	209	225	211	215	209	190	201	171	144
Teachers											
Total	6,636	6,588	6,550	6,685	6,398	7,023	6,979	7,120	7,592	7,753	7,828
Males	3,873	3,743	3,570	3,532	3,414	3,557	3,462	3,515	3,977	3,954	3,871
Females	2,763	2,845	2,980	3,153	2,984	3,466	3,517	3,605	3,615	3,799	3,957
English	3,690	3,693	3,977	4,110	3,969	4,463	4,431	4,562	4,857	5,043	5,142
Males	2,008	1,937	1,979	1,953	1,924	2,049	1,998	2,042	2,309	2,329	2,311
Females	1,682	1,756	1,998	2,157	2,045	2,414	2,433	2,520	2,548	2,714	2,831
Chinese	2,360	2,288	2,147	2,140	2,006	2,131	2,133	2,170	2,334	2,343	2,354
Males	1,440	1,382	1,330	1,319	1,240	1,242	1,202	1,227	1,397	1,375	1,334
Females	920	906	817	821	766	889	931	943	937	968	1,020
Malay	561	576	411	421	409	409	401	375	391	357	321
Males	402	400	251	252	242	254	253	238	266	245	221
Females	159	176	160	169	167	155	148	137	125	112	100
Tamil	25	31	15	14	14	20	14	13	10	10	11
Males	23	24	10	8	8	12	9	8	5	5	5
Females	2	7	5	6	6	8	5	5	5	5	6

Note: Teachers were classified according to medium of instruction in 1968 and 1969.

Source: Ministry of Education

14.8 ENROLMENT IN SECONDARY SCHOOL BY AGE AND LEVEL, 1978

(End of June)

Age as at 1.1.78							Number
	Total	Secondary I	Secondary II	Secondary III	Secondary IV	Pre- University I	Pre- University II
Males							
Total	87,071	21,431	22,025	19,099	16,914	3,715	3,887
Under 12	52	52	-	-	-	-	-
12 and under 13	14,261	14,213	48	-	-	-	-
13 and under 14	19,153	4,625	14,466	62	-	-	-
14 and under 15	20,518	2,481	5,070	12,895	72	-	-
15 and under 16	17,895	40	2,353	4,276	11,210	16	-
16 and under 17	9,014	14	61	1,762	4,093	3,070	14
17 and under 18	5,021	6	16	91	1,463	539	2,906
18 and under 19	966	-	7	9	61	85	804
19 and under 20	170	-	2	1	12	5	150
20 and under 21	21	-	2	3	3	-	13
Females							
Total	92,740	20,901	22,155	20,111	19,358	5,104	5,111
Under 12	53	53	-	-	-	-	-
12 and under 13	15,934	15,875	59	-	-	-	-
13 and under 14	20,089	3,572	16,472	45	-	-	-
14 and under 15	20,789	1,349	4,144	15,230	66	-	-
15 and under 16	19,075	25	1,388	3,643	14,001	18	-
16 and under 17	9,912	17	60	1,102	4,107	4,596	30
17 and under 18	5,891	5	18	56	1,109	427	4,276
18 and under 19	873	5	9	22	59	59	719
19 and under 20	112	-	4	10	11	4	83
20 and under 21	12	-	1	3	5	-	3

Source: Ministry of Education

14.9 ENROLMENT IN UNIVERSITIES AND COLLEGES

Year	Number											
	Total		University of Singapore		Nanyang University		Singapore Polytechnic		Ngee Ann Technical College		Institute of Education	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1968	8,508	3,939	2,505	1,209	1,345	646	3,207	167	288	65	1,163	1,852
1969	9,043	3,670	3,192	1,367	1,362	677	3,187	123	379	150	923	1,353
1970	9,484	4,199	3,167	1,513	1,392	918	3,877	217	437	161	611	1,390
1971	9,880	4,389	3,041	1,662	1,412	987	4,101	406	774	248	552	1,086
1972	10,826	4,492	3,203	2,023	1,469	1,127	5,147	617	896	289	111	436
1973	12,033	4,892	3,335	2,300	1,474	1,111	6,196	925	932	292	96	264
1974	12,259	5,543	3,236	2,566	1,332	1,094	6,581	1,204	1,012	326	98	353
1975	12,449	6,052	3,399	2,718	1,373	1,050	6,293	1,331	1,243	409	141	544
1976	13,626	6,968	3,509	3,004	1,362	1,000	6,950	1,537	1,536	506	269	921
1977	13,812	6,922	3,620	3,074	1,352	784	6,874	1,492	1,671	539	295	1,033
1978	13,248	7,129	3,756	3,082	1,241	680	6,248	1,466	1,750	549	253	1,352

Source: Ministry of Education

14.10 STUDENTS ADMITTED TO UNIVERSITIES AND COLLEGES

	Number									
	1974		1975		1976		1977		1978	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total Universities and Colleges	4,239	2,047	4,706	2,259	4,754	2,699	4,397	2,298	4,406	2,366
Universities - Total	1,232	1,243	1,684	1,256	1,703	1,376	1,566	1,154	1,552	1,034
Arts and Social Sciences	181	444	305	471	269	453	293	367	234	366
Science	157	125	251	167	278	283	264	264	328	250
Law	35	88	70	81	58	59	51	48	44	40
Medicine	163	76	123	78	122	77	133	70	82	57
Dentistry	29	13	25	21	29	16	26	18	16	19
Engineering	247	18	317	28	353	19	362	55	381	45
Architecture and Building/ Estate Management	77	44	91	34	88	34	71	70	80	31
Commerce and Business Administration	340	435	499	376	500	434	366	262	387	226
Education	3	-	3	-	6	1	-	-	-	-
Polytechnic - Total	2,475	451	2,184	391	2,241	541	2,102	457	2,143	442
Engineering	2,083	344	1,774	253	1,800	421	1,784	365	1,848	369
Architectural Building	250	107	247	138	266	120	154	92	170	73
Nautical	142	-	163	-	175	-	164	-	125	-
Colleges - Total	532	353	838	612	810	782	729	687	711	890
Ngee Ann	492	157	732	228	604	191	595	170	584	148
Institute of Education	40	196	106	384	206	591	134	517	127	742

Source: University of Singapore
Nanyang University
Singapore Polytechnic
Ngee Ann College
Institute of Education

14.11 STUDENTS GRADUATED FROM UNIVERSITIES AND COLLEGES

	Number									
	1974		1975		1976		1977		1978	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total Universities and Colleges	3,228	1,319	3,562	1,627	2,947	1,682	3,556	2,176	4,031	1,998
Universities - Total	1,241	941	1,343	1,037	1,293	1,095	1,204	1,153	1,337	1,085
Arts and Social Sciences	171	421	234	430	232	439	220	482	278	463
Science	222	193	254	187	251	208	157	148	186	132
Law	46	36	43	39	47	61	49	67	30	79
Medicine	124	23	90	48	99	50	105	50	120	46
Dentistry	23	9	30	11	15	22	24	15	28	20
Pharmacy	10	13	13	12	13	18	13	17	7	22
Engineering	279	10	222	14	223	18	267	23	231	9
Architecture and Building/ Estate Management	45	5	45	11	62	11	49	23	58	23
Commerce and Business Administration	321	231	411	284	351	268	320	328	398	290
Education	-	-	1	1	-	-	-	-	1	1
Polytechnic - Total	1,695	176	1,904	319	1,382	289	1,899	464	2,011	376
Engineering	1,491	113	1,651	211	1,063	175	1,595	336	1,692	236
Architectural Building	125	63	144	108	190	114	171	128	181	140
Nautical	79	-	109	-	129	-	133	-	138	-
Colleges - Total	292	202	315	271	272	298	453	559	683	537
Ngee Ann	259	63	264	94	222	90	332	105	528	188
Institute of Education	33	139	51	177	50	208	121	454	155	349

Source: University of Singapore
Nanyang University
Singapore Polytechnic
Ngee Ann College
Institute of Education

14.12 ENROLMENT IN ADULT EDUCATION COURSES

	Number										
	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total	73,887	49,519	49,049	51,831	53,053	56,582	54,856	51,620	56,235	59,522	58,544
Language Course	37,501	18,848	17,271	16,035	14,639	14,607	12,344	8,375	10,039	9,323	12,175
General Education Courses 1	23,504	14,992	13,613	12,192	14,299	17,829	18,549	19,886	20,387	21,116	18,664
Commercial Education Courses	6,696	6,464	6,218	8,282	9,454	9,527	9,713	10,035	9,864	13,708	13,639
Vocational/Technical Education Courses	1,732	2,018	2,855	4,254	4,164	4,077	3,876	3,418	3,184	3,220	2,961
Further Education Courses	4,454	3,092	3,401	5,717	4,725	5,527	6,309	6,141	8,884	9,625	8,598
Vocational Preparatory Courses	-	4,105	5,691	5,351	5,772	5,015	4,065	3,765	3,877	1,789	-
Junior Trainee Scheme Courses	-	-	-	-	-	-	-	-	-	741	2,507

1 Including Week-End Classes

Source: Adult Education Board

14.13 GOVERNMENT EXPENDITURE ON EDUCATION

Thousand Dollars

	1968	1969/70 ¹	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	1976/77	1977/78	1978/79 (Estimates)
Total	158,339	217,619	184,492	200,478	210,298	264,877	334,462	391,264	405,872	415,823	501,903
Recurrent Expenditure	146,797	199,062	173,599	187,144	201,512	255,090	308,005	339,870	361,222	381,368	451,845
Primary	71,829	92,962	77,030	80,895	85,443	95,175	119,000	129,351	133,386	139,734	163,383
Secondary ²	44,698	47,812	41,090	44,466	46,488	62,280	80,004	88,900	95,146	103,200	122,131
Technical/Vocational ³	4,335	17,609	17,402	21,176	22,402	32,782	40,188	43,243	43,275	46,034	56,588
Tertiary - Total	18,827	27,538	24,931	27,953	31,065	40,134	50,375	59,865	70,387	71,649	84,801
Singapore and Nanyang University	13,151	18,719	18,797	21,185	22,985	30,026	36,630	41,048	43,563	42,568	51,120
Institute of Education ⁴	2,176	3,469	2,534	2,568	2,630	3,593	5,785	6,487	9,113	11,043	11,800
Singapore Polytechnic and Ngee Ann Technical College ⁵	3,500	5,350	3,600	4,200	5,450	6,515	7,960	12,330	17,711	18,038	21,881
Adult Education	2,000	1,000	1,325	1,350	1,500	1,810	1,974	2,384	1,896	2,021	2,515
Others ⁶	5,108	12,141	11,821	11,304	14,614	22,909	16,464	16,127	17,132	18,730	22,427
Development Expenditure	11,542	18,557	10,893	13,334	8,786	9,787	26,457	51,394	44,650	34,455	50,058

1 Refers to financial year 1st January, 1969 to 31st March, 1970.
From 1970, figures refer to financial year 1st April to 31st March.

Source: Ministry of Education

2 Include Junior Colleges.

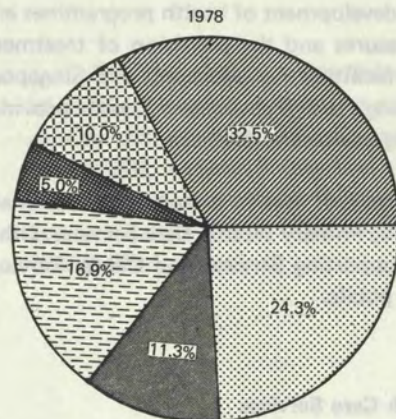
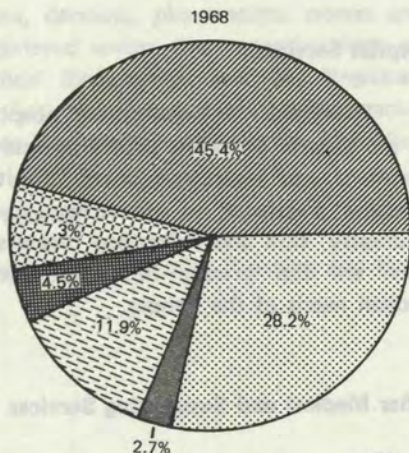
3 Figures refer to Technical/Vocational Schools, Technical/Vocational Institutes and Industrial Training Centres.

4 Formerly known as Teachers' Training College.

5 From 1968 to 1974/75, figures refer to Singapore Polytechnic only.
From 1976/77 expenditure for Singapore Polytechnic and Ngee Ann Technical College are provided under the Ministry of Science and Technology.

6 Include Educational TV Service, Extra Curricular Activities Centre, Miscellaneous Expenditure and Ngee Ann Technical College up to 1974/75.

GOVERNMENT EXPENDITURE ON EDUCATION



15. HEALTH

The provision of health services by the Government in Singapore is very comprehensive. The Ministry of Health is responsible for the overall policy on health matters, the maintenance of public health standards, the development of health programmes and preventive measures and the provision of treatment and hospital facilities. In addition, the Singapore Family Planning and Population Board provides family planning advice and facilities.

The Ministry of Health is providing four main services, namely, Primary Health Care Services, Other Medical and Supporting Services and Dental Services to the general public.

Primary Health Care Services

The Primary Health Care Services which include Outpatient, Maternal and Child Health and School Health Services are provided at 26 outpatient dispensaries and 32 maternal and child health clinics. The outpatient dispensaries offer general curative treatment while maternal and child health clinics concentrate on preventive health care for women of child-bearing age and pre-school children, implementing family planning programmes and immunization

programmes for pre-school children. Health screening and immunization for school children is undertaken by School Health Services.

Hospital Services

There are 13 Government hospitals of which six are general hospitals providing multi-disciplinary treatment and seven specialised hospitals providing specialist treatment in obstetrics and gynaecology, psychiatry, skin and infectious diseases. In addition, there are ten private hospitals catering for the medical needs of the people.

Other Medical and Supporting Services

These are provided by the Radiology and Radiotherapy Department, Pathology Department, Blood Transfusion Service, Rehabilitation Services, Medical Social Services and Pharmaceutical Services.

Dental Services

The Dental Services provide curative and pre-

ventive dental treatment at 134 dental clinics located at various hospitals, outpatient/maternal and child health clinics and schools.

Medical Personnel

Data on medical personnel refer to the number of doctors, dentists, pharmacists, nurses and midwives registered under the respective Acts, namely, The Medical Registration Act, the Registration of Dentists Act, the Registration of Pharmacists Act, the Nurses Registration Act and the Mid-Wives Act.

Family Planning

The Singapore Family Planning and Population

Board (SFPPB), the Republic's family planning and population control authority, was established in January 1966. The Board is responsible for all matters pertaining to family planning and the implementation of the Government's National Family Planning and Population Programme.

The Board provides facilities for the full range of family planning methods comprising oral contraceptive pill, condom, intra-uterine contraceptive device (IUD), hormonal injection (Depoprovera), diaphragm and spermicide through a comprehensive network of 37 Family Planning/Maternal and Child Health Clinics.

15.1 HOSPITALS, GOVERNMENT CLINICS AND DISPENSARIES

Year	Number				
	Hospitals		Government Dental Clinics	Government Outpatient Clinics	Maternal and Child Health Clinics
	Government	Private			
1968	11	5	71	27	52
1969	11	5	77	27	50
1970	11	5	79	27	49
1971	13	7	84	27	48
1972	13	7	91	26	46
1973	13	7	95	26	46
1974	14	7	102	26	45
1975	14	8	102	26	39
1976	13	8	117	27	35
1977	13	8	124	28	34
1978	13	10	134	26	32

Source: Ministry of Health

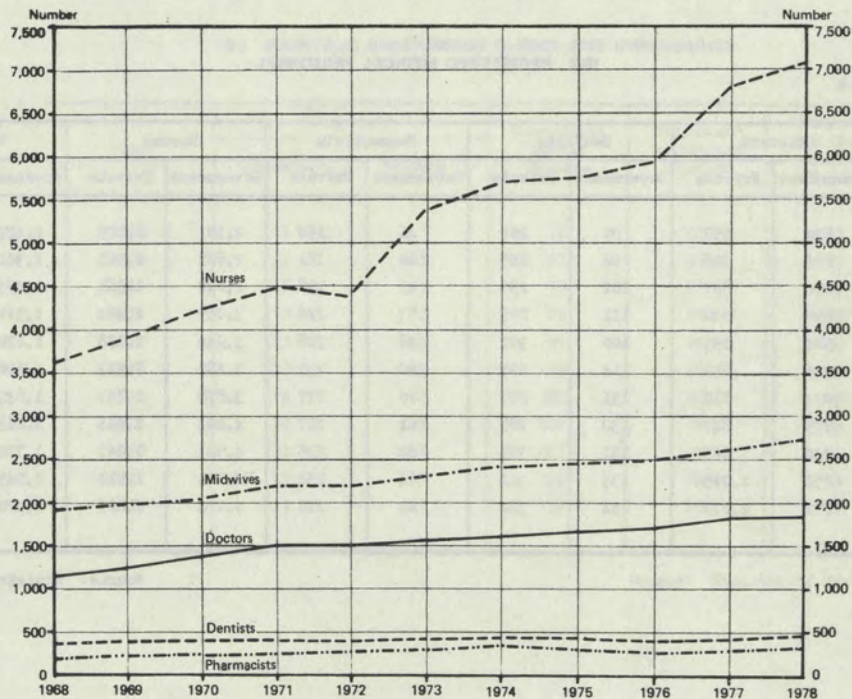
15.2 REGISTERED MEDICAL PERSONNEL

Number

Year	Doctors		Dentists		Pharmacists		Nurses		Midwives	
	Government	Private	Government	Private	Government	Private	Government	Private	Government	Private
1968	502	657	90	269	46	160	2,591	1,079	1,427	504
1969	604	726	96	295	46	182	2,689	1,261	1,361	626
1970	496	867	102	296	47	198	2,840	1,461	1,493	601
1971	590	930	111	295	53	220	3,089	1,483	1,521	715
1972	584	893	106	302	46	218	3,244	1,178	1,630	548
1973	706	859	114	295	60	231	3,480	1,943	1,696	621
1974	774	812	131	291	60	277	3,878	1,853	1,833	600
1975	775	847	130	289	61	227	4,103	1,664	1,863	606
1976	740	965	131	302	60	238	4,393	1,567	1,770	770
1977	752	1,095	133	331	64	254	4,904	1,910	1,949	703
1978	771	1,079	154	322	60	270	5,174	1,895	1,970	755

Source: Ministry of Health

REGISTERED MEDICAL PERSONNEL



15.3 GOVERNMENT HOSPITAL BEDS

	Number										
	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
TOTAL	7,004	6,979	6,891	7,346	7,981	8,031	7,872	8,005	8,609	8,574	8,493
General Hospitals											
Alexandra Hospital	-	-	-	217	282	380	372	438	479	479	483
Changi Hospital ¹	-	-	-	-	-	-	36	36	180	180	180
Sembawang Hospital	-	-	-	34	64	64	64	64	64	64	64
Singapore General Hospital	1,328	1,328	1,328	1,491	1,521	1,521	1,521	1,521	1,521	1,521	1,521
Tan Tock Seng Hospital	1,324	1,324	1,306	1,304	1,303	1,303	1,303	1,369	1,369	1,358	1,311
Toa Payoh Hospital	396	396	338	344	384	384	384	388	410	410	412
Specialised Hospitals											
Kandang Kerbau Hospital ² (Maternity & Gynaecology)	544	539	539	554	553	560	560	560	751	727	687
St Andrew's Hospital (Convalescent)	120	120	120	120	120	120	120	120	120	120	120
Middleton Hospital (Infectious Diseases)	250	250	250	272	273	272	272	272	272	272	272
Middle Road Hospital (Skin & VD)	63	63	51	51	51	51	47	44	-	-	-
Trafalgar Hospital (Leprosy)	965	785	785	785	785	731	731	731	731	731	731
Woodbridge Hospital (Psychiatry)	1,869	2,029	2,029	2,029	2,500	2,500	2,300	2,300	2,300	2,300	2,300
Mental Defective Unit (Psychiatry)	45	45	45	45	45	45	45	45	45	45	45
Chronic Sick Unit (Chronic Sick)	100	100	100	100	100	100	117	117	117	117	117
View Road Hospital (Psychiatry)	-	-	-	-	-	-	-	-	250	250	250

1 Known as Changi Chalet Hospital prior to 1976.

2 Figures prior to 1976 exclude neonatal beds.

Source: Ministry of Health

15.4 ADMISSIONS IN GOVERNMENT HOSPITALS

	Number										
	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
TOTAL	123,500	129,138	135,952	146,714	154,849	159,971	156,760	164,205	184,146	190,332	209,130
Alexandra Hospital	-	-	-	955	8,094	11,666	13,897	20,159	23,983	24,095	28,339
Changi Hospital	-	-	-	-	-	-	-	71	597	1,853	2,520
Sembawang Hospital	-	-	-	109	593	775	989	1,115	1,090	874	745
Singapore General Hospital	49,405	55,835	58,235	61,939	60,144	63,709	58,306	53,956	53,515	54,444	53,036
Tan Tock Seng Hospital	7,956	8,311	8,330	8,663	8,592	9,271	9,558	13,019	15,014	19,490	28,590
Toa Payoh Hospital	8,351	13,195	19,158	21,753	23,524	22,226	21,635	21,819	25,193	25,245	26,740
Kandang Kerbau Hospital	49,237	43,714	43,077	46,167	46,522	45,244	43,391	40,028	54,052	49,879	53,451
St Andrew's Hospital	265	385	365	399	339	333	301	226	251	219	265
Middle Road Hospital	1,481	1,241	1,000	906	875	655	666	627	-	-	-
Middleton Hospital	3,468	2,886	2,553	2,743	3,474	3,118	4,953	9,974	6,591	9,619	10,634
Trafalgar Hospital	222	284	224	250	235	213	223	252	228	238	223
Woodbridge Hospital	3,036	3,179	2,931	2,744	2,392	2,707	2,746	2,798	3,412	4,229	4,447
Mental Defective Hospital	16	34	13	17	11	17	28	14	12	19	13
Chronic Sick Hospital	63	74	66	69	54	37	67	60	54	56	74
View Road Hospital	-	-	-	-	-	-	-	87	154	72	53

Source: Ministry of Health

15.5 VISITS TO OUTPATIENT CLINICS

							Number
Year	Total	Outpatient Dispensaries	Sunday/Holiday Clinics	Island Dispensaries	Mobile Dispensaries ¹	Staff Dispensaries	Institutions/ Dispensaries
1968	2,205,429	1,717,220	19,766	30,870	163,705	153,827	120,041
1969	1,932,552	1,573,171	18,158	22,784	61,615	139,685	117,139
1970	2,147,576	1,841,093	21,177	18,456	32,721	129,609	104,520
1971	2,171,051	1,867,665	23,343	14,996	16,324	147,031	101,692
1972	2,222,336	1,919,199	24,948	10,252	15,234	137,051	115,652
1973	2,363,451	2,058,397	22,067	11,812	8,955	134,580	127,640
1974	2,204,809	1,903,946	19,652	6,129	9,140	129,381	136,561
1975	2,473,891	2,143,652	21,928	7,703	12,112	147,926	140,570
1976	2,489,596	2,146,713	22,420	5,849	12,415	137,405	164,794
1977	2,748,869	2,419,286	23,083	4,610	7,868	136,203	157,819
1978	2,922,263	2,559,660	25,192	3,658	-	140,803	192,950

¹ Closed with effect from 31st December, 1977.

Source: Ministry of Health

15.6 VISITS TO GOVERNMENT DENTAL CLINICS

Year	Number					
	Total	Schools	Hospitals	Maternal and Child Health Clinics	Outpatient Clinics	Others ¹
1968	523,398	340,208	150,798	26,218	-	6,174
1969	579,240	403,452	134,409	35,142	-	6,237
1970	593,514	431,723	122,611	34,398	-	4,782
1971	591,457	438,683	110,619	35,688	-	6,467
1972	596,714	436,132	116,369	38,176	-	6,037
1973	650,509	465,435	127,456	38,415	12,372	6,831
1974	698,114	473,233	139,460	48,297	29,336	7,788
1975	757,026	485,076	164,431	52,560	49,308	5,651
1976	786,921	487,766	174,435	25,147	67,126	32,447
1977	900,127	551,787	178,014	21,192	105,975	43,159
1978	907,450	534,476	178,695	17,627	122,315	54,337

¹ Refers to 4 dental clinics attached to Police Academy, Community Centres as well as visits to Dental Nurses' School and Dental Therapists' School.

Source: Ministry of Health

15.7 MATERNITY SERVICES

Year	Maternal and Child Health Clinics			Government Hospitals	
	Ante-natal and Post-natal Attendances	Home Deliveries	Home Visit to Puerperal Mothers by Nurses and Midwives	Ante-natal and Post-natal Attendances	Deliveries
1968	139,433	1,601	175,882	..	36,427
1969	138,744	835	228,710	..	34,440
1970	144,928	582	232,815	..	35,805
1971	142,424	271	239,073	..	37,077
1972	158,686	52	256,987	..	40,401
1973	151,647	47	215,596	..	39,968
1974	107,915	33	183,565	157,556	35,301
1975	99,687	13	173,217	146,540	33,362
1976	103,240	10	168,957	150,730	36,309
1977	97,114	9	112,307	141,435	32,540
1978	103,572	7	122,047	152,700	33,253

Source: Ministry of Health

15.8 NOTIFICATIONS OF SPECIFIC NOTIFIABLE DISEASES

Year	Cholera	Dengue Fever/ DHF ¹	Diphtheria	Enteric Fever ²	Leprosy	Malaria	Polio- myelitis	Tuber- culosis	Number	
									Viral ³ Hepatitis	Viral ³ Enceph- alitis
1968	6	158	60	134	178	396	4	3,764	-	-
1969	10	60	66	237	194	302	-	3,760	-	-
1970	1	32	52	158	153	473	-	3,292	-	-
1971	-	19	24	224	190	357	2	3,407	-	-
1972	114	12	7	167	149	302	2	3,109	-	-
1973	1	1,255	5	154	86	347	1	3,037	-	-
1974	8	229	4	301	123	417	-	3,451	-	-
1975	10	59	-	513	96	443	-	3,097	-	-
1976	-	30	-	141	106	251	1	2,815	-	-
1977	11	92	1	216	90	184	2	2,760	-	-
1978	83	384	-	174	71	166	1	..	393	30

Note: No case of plague, smallpox and yellow fever was reported during the period.

Source: Ministry of Health

1 Dengue Fever/DHF was made a notifiable disease from 1st August, 1977.

2 Typhoid and Paratyphoid.

3 Viral Hepatitis and Viral Encephalitis were made notifiable diseases from 1st August, 1977.

15.9 VACCINATION AND IMMUNIZATION

Pre-School Children

Number of Doses

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
BCG Vaccination	43,170	40,377	41,630	43,001	45,562	44,156	39,251	36,127	38,237	34,151	34,605
Smallpox Vaccination	38,609	36,072	35,347	35,760	37,962	39,589	37,529	35,127	36,252	32,980	31,633
Diphtheria Immunization											
Diphtheria Tetanus											
1st Dose	11,169	7,841	8,288	7,579	6,586	5,483	5,011	4,013	2,998	2,208	1,957
2nd Dose	11,720	8,403	8,230	7,475	6,248	5,067	4,976	4,024	3,024	2,074	2,131
Boosters	31,937	36,172	52,622	46,822	44,854	47,205	54,500	47,432	20,373	14,460	14,154
Triple Antigen											
1st Dose	42,574	38,239	36,982	37,828	41,144	41,109	36,493	32,514	33,223	32,751	30,005
2nd Dose	41,958	38,123	35,602	35,670	39,456	39,003	35,528	31,695	31,449	31,661	28,437
3rd Dose	42,787	38,641	35,013	35,217	38,797	38,569	36,148	31,291	30,209	31,302	27,840
Boosters	14,942	14,075	11,159	11,919	13,639	15,282	7,211	8,759	20,904	19,784	21,414
Poliomyelitis Immunization											
1st Dose	53,499	45,514	45,173	44,255	46,664	45,769	40,705	35,803	35,617	34,507	31,574
2nd Dose	54,580	47,156	44,381	43,103	45,961	43,661	40,460	36,094	34,176	33,754	30,484
3rd Dose	56,583	48,604	44,285	43,377	45,836	44,024	41,628	35,848	33,639	34,008	30,197
Boosters	43,484	55,787	67,742	58,256	57,367	62,242	62,126	63,929	67,306	59,396	62,734
Measles	-	-	-	-	-	-	-	-	3,402	10,321	9,208

Source: Ministry of Health

15.9 VACCINATION AND IMMUNISATION

School Children

Number of Doses

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
BCG Vaccination	58,473	43,986	35,030	23,636	22,415	21,383	31,050	31,411	31,068	26,141	30,856
Smallpox Revaccination	42,991	44,894	51,726	51,585	47,557	46,409	44,314	41,831	37,405	43,501	40,028
Diphtheria Tetanus											
1st Dose	12,882	9,843	8,007	3,294	2,853	1,759	1,207	988	611	852	412
2nd Dose	10,404	10,023	6,810	3,296	2,285	1,556	1,175	884	507	810	403
Boosters	19,407	24,411	31,320	24,487	23,158	23,267	21,148	19,585	119,271	99,613	117,982
Poliomyelitis Immunisation											
1st Dose	38,074	40,074	40,114	33,859	41,092	38,219	35,267	29,000	1,111	1,245	529
2nd Dose	31,700	42,593	46,612	36,716	40,326	38,853	36,673	33,181	1,139	1,271	555
3rd Dose	-	-	-	-	-	-	-	-	504	1,377	734
Boosters	-	-	-	-	-	-	-	-	125,758	98,732	102,591
Rubella	-	-	-	-	-	-	-	-	9,813	20,055	20,946

Source: Ministry of Health

15.10 STUDENT MEDICAL CHECK-UP

	Number										
	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
New Entrants	51,942	52,441	50,966	54,074	36,362	40,989	45,843	41,319	41,606	43,559	44,445
Primary School Leavers	55,158	59,391	53,391	57,115	40,871	47,984	54,346	49,815	51,767	39,195	43,995
Secondary School Leavers	24,402	28,969	22,876	25,720	21,259	24,329	30,771	17,009	36,915	17,159	17,956
Re-examination	20,587	22,300	31,398	41,336	41,054	47,948	66,815	73,525	85,516	103,024	106,869
Others	5,836	5,324	2,993	2,896	574	19,319	19,987	2,962	4,543	2,469	924
TOTAL	157,925	168,425	161,624	181,141	140,120	180,569	217,762	184,630	220,347	205,406	214,189
Males	75,812	80,880	70,254	85,034	60,277	76,186	105,960	84,591	109,859	96,330	100,288
Females	82,113	87,545	91,370	96,107	79,843	104,383	111,802	100,039	110,488	109,076	113,901

Source: Ministry of Health

15.11 RESULTS OF STUDENT MEDICAL CHECK-UP

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Per 10,000 Males Examined											
Incidence of:											
Dental Caries	3,234	3,096	2,656	2,725	2,628	1,953	1,661	1,623	1,566	1,741	1,421
Skin Infection	572	490	595	641	559	306	253	218	332	81	129
Eyes: Infection	44	38	59	30	53	5	2	7	3	2	33
Defective Vision	734	765	2,177	1,722	2,251	1,766	2,844	3,295	2,722	2,382	2,476
EENT : Deafness	-	-	-	-	-	2	2	4	1	2	9
Ear Infections	6	5	7	8	43	12	7	6	3	2	27
Cardiac Disease	123	77	121	134	171	69	52	86	92	141	206
Respiratory Infection	44	115	68	79	57	9	24	7	11	1	6
Genito - Urinary	501	474	651	716	793	557	590	572	280	442	717
Anaemia (under 60% Hb)	65	205	81	16	7	5	7	2	1	1	2
Worm Infestation	411	279	53	77	93	6	39	6	1	2	1
Others 1	190	147	168	139	339	102	173	220	103	193	141
Per 10,000 Females Examined											
Incidence of:											
Dental Caries	1,959	2,569	2,584	2,300	1,740	1,687	1,300	1,093	1,175	1,199	892
Skin Infection	562	626	1,167	970	508	424	189	313	279	231	237
Eyes: Infection	111	128	125	58	64	9	3	6	1	1	15
Defective Vision	1,232	1,535	2,006	2,640	2,832	2,111	3,080	4,064	3,257	3,439	3,433
EENT : Deafness	-	-	-	-	-	1	2	3	2	1	8
Ear Infections	15	19	18	19	23	11	6	3	3	1	64
Cardiac Disease	57	66	60	49	38	62	53	50	90	86	206
Respiratory Infection	82	126	124	102	78	52	37	8	18	2	6
Genito - Urinary	32	33	59	47	38	67	36	31	14	18	22
Anaemia (under 60% Hb)	11	13	8	5	4	6	4	3	1	3	2
Worm Infestation	151	373	337	336	188	132	56	8	6	8	6
Others 1	94	112	262	140	171	71	128	216	137	187	107

1 Include postural defects, cleft palate, chest deformities

Source: Ministry of Health

15.12 FAMILY PLANNING

	Visits to Family Planning Clinic ¹							Sterilization			Number
Year	Total	First Visit			Revisit			Total	Females	Males	
		Contraceptive Pill	Condom	Others	Contraceptive Pill	Condom	Others				
1968	308,217	19,403	10,076	5,859	232,595	27,121	13,163	1,054	1,054	-	
1969	394,626	18,265	14,054	3,324	295,831	44,694	18,458	1,438	1,435	3	
1970	403,566	12,365	10,088	1,777	297,436	61,361	20,539	2,372	2,321	51	
1971	393,379	9,462	7,398	889	291,687	64,582	19,361	3,970	3,871	99	
1972	389,185	9,670	7,343	653	282,506	70,516	18,497	6,189	5,842	347	
1973	404,504	10,739	7,884	479	287,330	80,219	17,853	9,338	8,964	374	
1974	391,237	10,700	7,245	347	274,627	82,198	16,120	9,567	9,241	326	
1975	376,525	9,388	7,023	281	259,048	84,541	16,244	9,948	9,495	453	
1976	361,385	8,952	8,477	245	236,676	90,128	16,907	10,718	10,310	408	
1977	339,965	7,503	8,354	301	212,152	94,598	17,057	8,587	8,236	351	
1978	308,769	6,229	8,730	233	186,829	90,010	16,738	7,787	7,447	340	

1 Figures refer to visits to Government Clinics only.

Source: Singapore Family Planning and Population Board

15.13 BLOOD DONATIONS AND TRANSFUSIONS

Year	Donors	Blood Donated	Transfusion Given							
			Total	Singapore General Hospital	Tan Tock Seng Hospital	Alexandra Hospital	Toa Payoh Hospital	Kandang Kerbau Hospital	Other Government Hospitals	Private Hospitals
	Persons		Number of Units ¹							
1968	20,730	31,128	29,506	18,023	1,195	-	2,805	6,160	63	1,260
1969	23,572	34,091	32,189	20,398	1,243	-	2,689	6,781	54	1,024
1970	23,682	34,697	33,046	19,317	1,466	-	3,600	7,570	49	1,044
1971	26,434	37,230	34,994	20,914	1,463	-	4,336	7,381	135	765
1972	29,231	40,117	37,359	20,187	1,901	1,233	5,559	7,277	65	1,137
1973	30,909	43,832	40,432	20,982	2,654	2,099	5,943	7,313	105	1,336
1974	36,982	46,375	40,632	20,296	3,409	2,277	5,576	7,556	163	1,355
1975	31,457	44,010	40,354	18,141	5,396	3,066	6,011	5,561	254	1,925
1976	32,784	45,615	39,747	15,648	5,798	3,894	6,142	5,553	159	2,553
1977	33,948	48,390	44,261	17,428	7,427	3,522	6,573	6,231	458	2,622
1978	40,349	56,670	44,969	16,290	9,744	4,225	6,566	5,623	417	2,104

¹ One unit refers to a packet of 400-450 cc of blood.

Source: Ministry of Health

16. CULTURE AND RECREATION

Radio and Television

The Broadcasting Department provides radio and television services in Singapore. Educational and entertainment programmes as well as other types of information are transmitted in all four official languages, namely, Malay, Chinese, Tamil and English. Commercial broadcasting is also incorporated in the services.

Each language service of Radio Singapore operates on a separate channel, both on AM (medium and shortwave bands) and FM in the VHF Band II. In July 1969, an FM Stereo Service was introduced.

Television services were first introduced in Singapore in February 1963. Programmes are transmitted on two channels in all the official languages and are usually subtitled in one other language to cater for a greater number of viewers.

The conversion of TV Singapore's monochrome service to colour began on 2 May 1974 with trade and test transmissions. On 1st August 1974, the "pilot" colour service utilising only film material was introduced. From 1st August 1975, the colour output was increased to 43% of the total transmission

hours. In August 1976, it increased to 60%, in September 1977 to 78% and in August 1978 to 85%. This includes news and newsreels, locally produced documentaries, 'live' or pre-recorded outside telecasts and a limited number of studio productions.

The Rediffusion Service, a private undertaking, provides direct sound broadcasts via cable to subscribers. Sets are rented out to subscribers at a monthly fee of \$7.50.

Under the Broadcasting and Television Act, a licence has to be obtained by all persons using a radio and/or television receiver at any place of residence, premises or in a motor vehicle. A licence permits the use of one or more television receivers and one or more radios in any one place of residence. The current annual licence fee is \$36/- for a monochrome TV set, \$54/- for a colour set and \$12/- for a radio receiver only.

Cinema

Data on cinemas are obtained from the Customs and Excise Department. Under the Entertain-

ment Duty Act, all cinemas are liable to pay entertainment duty according to their admission charges. Total attendances are based on the number of admissions.

Library

The National Library, both a national and public library maintained by the Government, provides essential library facilities as well as a variety of cultural, educational and recreational programmes for the community. In addition to the central

library at Stamford Road, there are full-time branch libraries in Marine Parade, Queenstown and Toa Payoh, part-time branch libraries in Siglap, Chai Chee and Jurong and three mobile library vehicles providing weekly services to 11 community centres.

The Library maintains, in addition to the normal stock of books, collections of special interest for research and other purposes as well as periodicals, newspapers, music scores, braille and large print books, etc. The Library also has a microfilm unit and many documents and publications are on microfilm.

16.1 RADIO AND TELEVISION LICENCES AND REDIFFUSION SUBSCRIBERS

Year	Number		
	Radio Licences	Radio and Television Licences	Rediffusion Subscribers
1968	78,947	113,313	52,181
1969	80,258	130,705	57,034
1970	80,008	156,848	60,704
1971	75,586	179,178	63,791
1972	70,548	204,847	68,903
1973	69,966	230,652	74,689
1974	67,808	252,207	82,202
1975	64,211	280,479	85,567
1976	60,148	309,276	86,672
1977	58,357	329,119	90,428
1978	57,284	353,248	93,175

Source: Inland Revenue Department
Rediffusion Singapore Pte Ltd

16.2 RADIO AND TELEVISION TRANSMISSION

Hours Per Week							
Year	Radio						Television
	Total	AM/FM				FM Stereo	
		Malay	Chinese	Indian	English		
1968	525	133	154	112	126	-	88.0
1969	581	133	154	112	126	56	106.5
1970	581	133	154	112	126	56	106.5
1971	581	133	154	112	126	56	106.5
1972	581	133	154	112	126	56	106.5
1973	581	133	154	112	126	56	106.5
1974	560	126	147	105	126	56	106.5
1975	560	126	147	105	126	56	106.5
1976	560	126	147	105	126	56	106.5
1977	560	126	147	105	126	56	104.0
1978	569	135	147	105	126	56	104.0

Source: Department of Broadcasting

16.3 CINEMAS

Year	Cinemas			Total Seating Capacity	Attendances
	Total	Air Conditioned	Other		
	Number			Thousands	
1968	75	34	41	58	28,231
1969	72	35	37	58	28,893
1970	72	36	36	55	27,980
1971	71	39	32	55	32,186
1972	74	44	30	59	36,723
1973	72	52	20	61	31,877
1974	73	52	21	62	40,068
1975	71	50	21	60	41,306
1976	73	54	19	63	38,793
1977	72	54	18	65	43,049
1978	72	56	16	67	44,676

Source: Customs and Excise Department

16.4 BOOKS AT THE NATIONAL LIBRARY

Year	Number				
	Total	Malay	Chinese	Indian	English
1968	379,900	48,900	99,500	25,000	206,500
1969	426,100	55,700	110,400	30,200	229,800
1970	460,552	56,299	124,946	33,259	246,048
1971	520,280	66,363	139,922	38,422	275,573
1972	585,097	77,371	153,532	43,916	310,278
1973	702,696	90,238	195,915	57,537	359,006
1974	784,660	103,777	224,518	61,841	394,524
1975	877,207	116,603	254,537	69,849	436,218
1976	971,717	129,020	283,792	70,379	488,526
1977	1,062,133	138,669	311,262	72,210	539,992
1978	1,138,803	143,247	329,959	72,592	593,005

Source: Singapore National Library

16.5 NATIONAL LIBRARY MEMBERSHIP

Year	Total	Persons Aged 15 and Over	Number
			Children Under 15
1968	145,196	43,156	102,040
1969	157,398	50,047	107,351
1970	177,513	60,022	117,491
1971	198,493	69,724	128,769
1972	218,684	79,555	139,129
1973	236,967	93,270	143,697
1974	275,984	112,639	163,345
1975	296,299	129,457	166,842
1976	319,847	146,993	172,854
1977	341,288	162,850	178,438
1978	335,191	156,298	178,893

Source: Singapore National Library

TITLES

Prices in S\$
(excluding
postage)

1	Monthly Digest of Statistics	2.50
2	Singapore Trade Statistics, Imports & Exports (Monthly)	8.00
3	Singapore Half-Yearly Trade Statistics, Imports & Exports	28.50
4	Yearbook of Statistics, 1978/79	5.00
5	Report on the Census of Industrial Production, 1977	6.00
6	Report on the Registration of Births and Deaths and Marriages, 1977	10.00
7	Report on the Census of Population, 1970, Singapore Volume I & II	40.00
8	The Consumer Price Index, Singapore (Based on Household Expenditure Survey, 1972/73)	2.00
9	Report on the Census of Services, 1972	2.50
*10	Memorandum on Unit Value and Volume Indices of External Trade (Base Year 1972 = 100)	2.00
11	Report on the Household Expenditure Survey, 1972/73	3.50
12	Report on the Labour Force Survey, June 1973	2.00
13	Singapore National Accounts, 1960-1973	2.50
14	Singapore Balance of Payments, 1972-1974	2.00
15	Report on the Census of Wholesale and Retail Trades, Restaurants and Hotels, 1973	4.00
16	The General Wholesale Price Index of Singapore	2.00
17	Singapore Manufacturers and Products Directory, 1978	7.50
*18	Singapore Annual Key Indicators, 1969-1978	1.20
19	Report on the Census of Services, 1974 Volume I Real Estate, Business, Social and Personal Services	3.00
20	Report on the Census of Services, 1974 Volume II Transport, Storage, Communication, Financing and Insurance Services and Non-Profit Organisations	5.00
21	Report on Survey of Households, April 1977	5.00
22	Report on the Census of Wholesale and Retail Trades, Restaurants and Hotels, 1975	4.00
23	Singapore Input-Output Tables, 1973	10.00
*24	Shipping and Cargo Statistics (Monthly)	2.10
25	The Consumer Price Index, Singapore (Based on Household Expenditure Survey 1977/78)	2.00
26	Report on the Survey of Services, 1976	7.50

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