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YEARBOOK OF STATISTICS SINGAPORE 1977/78

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PREFACE

The Yearbook of Statistics, Singapore, 1977/78 is the eleventh edition. The Yearbook has been prepared with the aim of providing in a concise and readily accessible form the more important statistical series available on the demographic, economic and social characteristics of Singapore. Some general information relating to the series 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	=	millimetre = 0.03937 in.
kl	=	kilolitre = 219.976 gal.
cu. m	=	cubic metre = 1.30795 cu. yd.

ECONOMIC INDICATORS

Year	Gross Domestic Product		Per Capita Indigenous GNP at Current Market Prices ¹	Gross Domestic Product Deflators	Manufacturing ² Establishments		External Trade			Passenger Arrivals By Air And Sea
	At Current Market Prices	At 1968 Market Prices			Output	Index of Production (1974=100)	Total	Imports	Exports	
	\$ Million				\$	\$ Million	\$ Million			
1967	3,745.7	3,788.9	1,819	98.9	2,254.0	..	7,896.9	4,406.4	3,490.5	383,292
1968	4,315.0	4,315.0	1,949	100.0	2,806.2	..	8,974.5	5,083.8	3,890.7	443,897
1969	5,019.9	4,906.1	2,189	102.3	4,290.8	..	10,984.3	6,243.6	4,740.7	562,131
1970	5,804.9	5,579.3	2,404	104.0	4,627.2	58.2	12,289.6	7,533.8	4,755.8	716,139
1971	6,823.3	6,276.7	2,761	108.7	5,288.8	69.3	14,035.3	8,664.0	5,371.3	869,907
1972	8,155.8	7,119.7	3,206	114.6	6,126.7	82.2	15,687.3	9,537.9	6,149.4	1,087,893
1973	10,205.1	7,941.3	3,849	128.5	8,705.6	96.0	21,419.6	12,512.8	8,906.8	1,416,533
1974	12,543.2	8,445.2	4,491	148.5	14,237.0	100.0	34,559.4	20,404.8	14,154.6	1,555,920
1975	13,373.0	8,790.3	4,798	152.1	13,197.4	99.1	32,028.3	19,270.4	12,757.9	1,709,427
1976	14,614.8	9,431.2	5,142	155.0	16,175.0	111.0	38,670.4	22,404.5	16,265.9	1,930,947
1977	16,091.3*	10,185.4*	5,623*	158.0*	18,495.6*	121.2*	45,612.2	25,521.9	20,090.3	2,165,054

1 See explanatory notes on Section 4 'National Income and Balance of Payments'.

2 Establishments engaging 10 or more workers.

ECONOMIC INDICATORS (continued)

Year	Cargo Handled			Banks		Money Supply	Official Foreign Reserves	Government Revenue	General Wholesale Price Index (1974=100)	Consumer Price Index ³ (November 1972=100) All Items
	Total	Loaded	Discharged	Deposits of Non-Bank Customers	Loans and Advances to Non-Bank Customers					
1967	31,353.7	12,358.7	18,995.0	1,828.2	1,105.6	972.7	1,517.2	663.0	..	93.8
1968	36,792.8	14,441.0	22,351.8	2,309.7	1,351.5	1,172.3	2,180.7	803.0	..	94.5
1969	39,145.8	15,854.4	23,291.4	2,745.4	1,727.1	1,341.7	2,530.5	1,261.2 ²	..	94.2
1970	43,534.0	16,255.8	27,278.2	3,194.9	2,167.7	1,574.3	3,097.9	1,266.5	..	94.6
1971	49,622.3	19,867.5	29,754.8	3,745.8	2,615.0	1,759.9	4,094.8	1,468.5	..	96.4
1972	57,064.2	21,412.4	35,651.8	4,736.7	3,565.2	2,384.8	4,929.8	1,749.3	..	98.4
1973	61,268.9	22,702.0	38,566.9	5,799.8	5,146.5	2,632.7	5,800.1	2,219.2	..	117.7
1974	60,452.5	22,738.9	37,713.6	6,585.8	5,697.0	2,858.8	6,502.9	2,556.9	100.0	144.0
1975	52,099.2	19,067.2	33,032.0	7,606.0	6,503.1	3,472.2	7,486.0	3,092.2	98.5	147.7
1976	57,973.0	20,273.4	37,699.6	8,488.5	7,271.8	4,000.0	8,261.5	3,156.2	105.1	144.9
1977	64,118.6	24,284.8	39,833.8	8,969.5	7,830.8	4,412.1	9,022.9	3,362.4*	109.9	149.5

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

3 The indexes prior to 1973 were linked to the current index which was based on the expenditure pattern of June 1972 to May 1973.

GROWTH RATES IN ECONOMIC INDICATORS

Per Cent

Year	Gross Domestic Product		Per Capita Indigenous GNP at Current Market Prices	Gross Domestic Product Deflators	Manufacturing Establishments		External Trade			Passenger Arrivals By Air And Sea
	At Current Market Prices	At 1968 Market Prices			Output	Index of Production (1974=100)	Total	Imports	Exports	
1967	12.5	11.8	7.5	0.6	13.8	..	6.2	8.4	3.5	25.3
1968	15.2	13.9	7.1	1.1	24.5	..	13.6	15.4	11.5	15.8
1969	16.3	13.7	12.3	2.3	52.9	..	22.4	22.8	21.8	26.6
1970	15.6	13.7	9.8	1.7	7.8	..	11.9	20.7	0.3	27.4
1971	17.5	12.5	14.9	4.5	14.3	19.1	14.2	15.0	12.9	21.5
1972	19.5	13.4	16.1	5.4	15.8	18.6	11.8	10.1	14.5	25.1
1973	25.1	11.5	20.1	12.1	42.1	16.8	36.5	31.2	44.8	30.2
1974	22.9	6.3	16.7	15.6	63.5	4.2	61.3	63.1	58.9	9.8
1975	6.6	4.1	6.8	2.4	-7.3	-0.9	-7.3	-5.6	-9.9	9.9
1976	9.3	7.3	7.2	1.9	22.6	12.0	20.7	16.3	27.5	13.0
1977	10.1*	8.0*	9.4*	1.9*	14.3*	9.2*	18.0	13.9	23.5	12.1

GROWTH RATES IN ECONOMIC INDICATORS (continued)

										Per Cent
Year	Cargo Handled			Banks		Money Supply	Official Foreign Reserves	Government Revenue	General Wholesale Price Index (1974=100)	Consumer Price Index (November 1972=100) All Items
	Total	Loaded	Discharged	Deposits of Non-Bank Customers	Loans and Advances to Non-Bank Customers					
1967	13.8	18.3	11.1	29.5	7.7	-2.4	25.7	13.3	..	3.3
1968	17.3	16.8	17.7	26.3	22.2	20.5	43.7	21.1	..	0.7
1969	6.4	9.8	4.2	18.9	27.8	14.5	16.0	57.1	..	-0.3
1970	11.2	2.5	17.1	16.4	25.5	17.3	22.4	0.4	..	0.4
1971	14.0	22.2	9.1	17.2	20.6	11.8	32.2	15.9	..	1.9
1972	15.0	7.8	19.8	26.5	36.3	35.5	20.4	19.1	..	2.1
1973	7.4	6.0	8.2	22.4	44.4	10.4	17.7	26.9	..	19.6
1974	-1.3	0.2	-2.2	13.6	10.7	8.6	12.1	15.2	..	22.3
1975	-13.8	-16.1	-12.4	15.5	14.1	21.5	15.1	20.9	-1.5	2.6
1976	11.3	6.3	14.1	11.6	11.8	15.2	10.4	2.1	6.7	-1.9
1977	10.6	19.8	5.7	5.7	7.7	10.3	9.2	6.5*	4.6	3.2

SOCIAL INDICATORS

Year	POPULATION				VITAL STATISTICS				
	Mid-Year Estimates	Rate of Growth	Dependency Ratio ¹	Index of Ageing ²	Crude Birth Rate	Crude Death Rate	Infant Mortality Rate	Total Fertility Rate	Gross Reproduction Rate
	'000	%			Per 1,000 Population		Per 1,000 Live-Births	Per 1,000 Female Population	
1967	1,977.6	2.0	84.0	6.4	25.6	5.3	24.8	3,946	1,929
1968	2,012.0	1.6	81.3	6.8	23.5	5.5	23.4	3,562	1,736
1969	2,042.5	1.5	78.1	7.2	21.8	5.0	20.9	3,246	1,568
1970	2,074.5	1.7	72.8	8.6	22.1	5.2	20.5	3,086	1,500
1971	2,110.4	1.7	69.9	9.2	22.3	5.4	20.1	3,045	1,473
1972	2,147.4	1.8	66.9	9.7	23.1	5.4	19.2	3,052	1,475
1973	2,185.1	1.7	64.3	10.3	22.1	5.5	20.3	2,811	1,357
1974	2,219.1	1.4	61.5	11.1	19.5	5.3	16.8	2,379	1,143
1975	2,249.9	1.3	58.6	12.0	17.8	5.1	13.9	2,104	1,017
1976	2,278.2	1.4	56.1	13.0	18.8	5.1	11.6	2,149	1,034
1977	2,308.2	1.2	53.8	14.0	16.6	5.2	12.4	1,858	896

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 AND SOCIAL SECURITY		EDUCATION						HEALTH		
	Labour Force (15-64 Years)	% of CPF Contributors to Labour Force	Pupils Per Teacher		Univer- sities & Colleges Graduates	Student Enrolment Ratio		% of Population Literate (Populat- ion 10 yrs and over)	Persons Per		
			Primary	Secondary		Primary ³	Secondary ⁴		Doctor	Dentist	Government Hospital Bed
'000	%	Number		%							
1967	601	-	30	23	3,697	79.8	45.5	-	1,799	5,403	283
1968	626	-	30	23	4,018	81.3	46.8	-	1,736	5,604	287
1969	654	-	30	22	3,644	79.7	44.2	-	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	769	69.7	33	25	4,261	84.8	46.2	73.4	1,454	5,263	269
1973	818	74.5	29	23	4,119	85.9	49.0	74.2	1,396	5,343	272
1974	836	74.5	29	23	4,547	86.7	49.1	74.7	1,399	5,259	282
1975	852	76.0	29	23	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	77.6	1,250	4,975	269

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.

SOCIAL INDICATORS (continued)

Year	CULTURE AND RECREATION				COMMUNICATION			
	Daily Newspapers Circulation	% 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
1967	..	10.9	3.2	14	49	54	653	17
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	143	456	16
1976	209	23.9	9.5	17	136	164	437	17
1977	215	25.2	10.2	19	143	197	424	17

SOCIAL INDICATORS (continued)

Year	PUBLIC HOUSING				FIRES AND LOSSES ¹		OFFENCES AGAINST PERSON AND PROPERTY
	Total HDB Flats	% of Owner- occupied HDB Flats	Population Living in Public Housing (%)		Fires	Value of Property Damaged	
	Number	%	HDB Flats	Owner- occupied HDB Flats	Number	\$ Million	Per 10,000 Population
1967	86,654	6.7	25.9	1.7	1,529	3.1	75.3
1968	94,229	15.2	29.0	4.4	2,103	2.5	70.7
1969	108,823	22.2	32.0	7.1	1,395	1.5	66.4
1970	118,544	26.3	34.6	9.1	1,759	4.0	68.3
1971	126,710	29.4	37.4	10.1	1,984	6.2	78.8
1972	138,027	32.6	41.6	13.4	2,466	30.6	66.9
1973	161,312	36.4	42.7	15.5	1,987	7.9	70.2
1974	185,581	39.7	45.6	18.1	2,110	29.7	74.4
1975	211,079	42.8	50.0	21.7	2,384	15.1	67.1
1976	236,966	46.7	55.0	25.3	4,165	19.3	63.7
1977	274,048	53.0	59.0	31.3	5,534	18.9	71.1

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 17 per cent used for agriculture. The balance which accounted for 40 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 p.m. (%)	Rainfall			Bright Sunshine Daily Mean Hours
	Maximum	Minimum		Total (mm)	Maximum in a day (mm)	Number of rainy days	
1967	30.6	23.5	71	2,910	163	178	5.33
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

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
1967	583.0	181.3	125.6	99.7	35.0	35.0	106.4
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

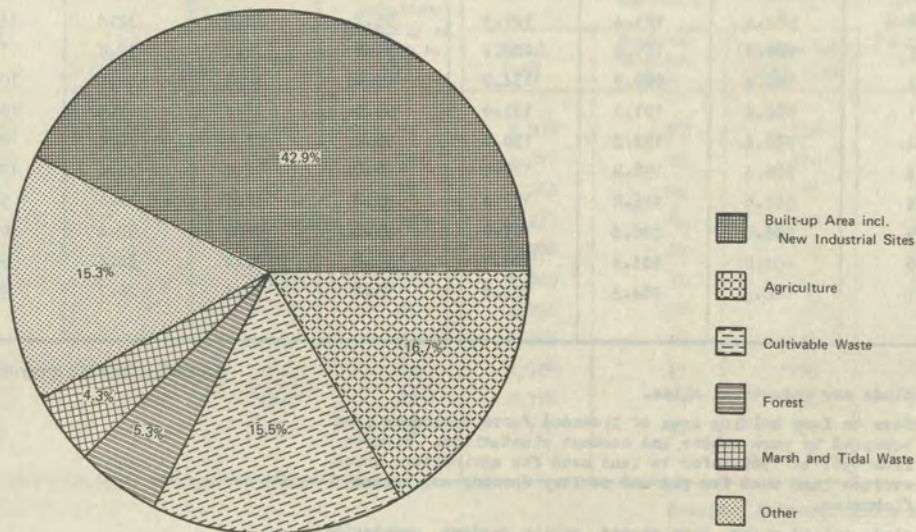
Source: Chief Surveyor Office

1 Include new industrial sites.

2 Refers to farm holding area of licensed farms excluding land occupied by pure rubber and coconut plantations. Figures from 1967 to 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 1977



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 birth rates from about 25.6 per thousand population in 1967 to 16.6 per thousand in 1977 while death rates have

shown some decline from 5.3 per thousand population to 5.2 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 rates refer to the number of births attributable to mothers of a specific age group per one thousand females in that age group. The rates registered declines for all the age groups during the period 1967–1977. The fastest rate of decline was observed for age group 40–44 years where the age-specific fertility rate fell from 42.9 in 1967 to 6.7 in 1977. The slowest rate of decline was noted for age group 25–29 years where the rate fell from 244.7 to 142.4.

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 3,946 per thousand in 1967 to 1,858 per thousand in 1977.

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 but there was no compulsory registration.

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

The average age of grooms who were married under the Women's Charter declined from 28.4 years to 27.6 years while that for the brides remained almost constant at 24.3 years during the period 1967–1977.

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.

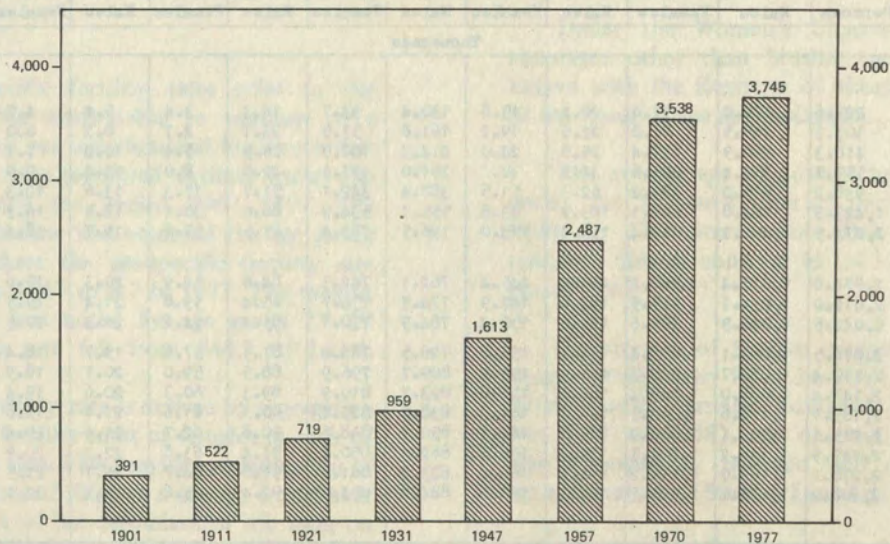
The average age of grooms who were married under the Muslim Law Act fell slightly from 27.7 years in 1967 to 27.5 years in 1977. However, the average age of brides increased from 21.7 to 23.5 years during the same period.

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	86.0	38.1	17.9	16.3	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													
1967	1,977.6	1,017.4	960.2	150.4	145.4	762.1	742.3	84.6	52.9	20.3	19.6	2.0	1,060
1968	2,012.0	1,034.1	977.9	152.6	147.9	774.7	756.7	85.4	53.8	21.4	19.5	1.6	1,057
1969	2,042.5	1,046.9	995.6	155.6	150.4	784.9	770.1	85.1	54.6	21.3	20.5	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

Notes: Inter-censal population estimates for 1967-1969 have been revised.
From 1970, Indians include Sri Lankans (Ceylonese) which were
previously classified under "Others".

POPULATION DENSITY
(Persons Per Sq. Kilometre)



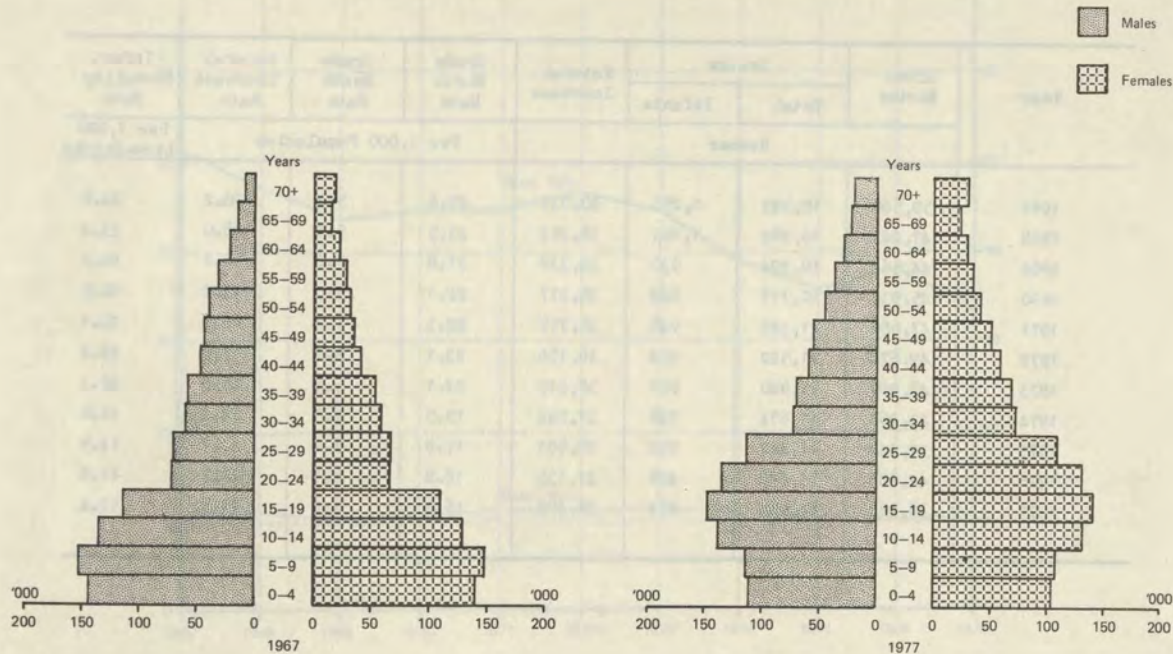
2.2 POPULATION BY AGE GROUP AND ETHNIC GROUP, 1970 CENSUS

Age Group	Total			Malays		Chinese		Indians		Others	
	Persons	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Thousand Persons											
Total	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
0 - 4	235.5	121.1	114.4	22.6	22.2	88.2	82.4	8.1	7.8	2.2	2.0
5 - 9	280.5	143.9	136.6	26.8	26.0	105.0	98.8	9.9	9.6	2.2	2.2
10 - 14	288.8	148.5	140.3	23.6	23.1	113.0	106.3	10.0	9.1	1.9	1.8
15 - 19	246.4	126.3	120.1	17.9	18.0	99.4	93.5	7.5	7.0	1.5	1.6
20 - 24	203.7	103.2	100.5	13.4	13.6	82.4	79.6	5.9	5.6	1.5	1.7
25 - 29	132.8	66.6	66.2	7.9	8.8	52.8	52.2	4.5	3.6	1.4	1.6
30 - 34	136.3	68.4	67.9	9.1	10.3	52.9	51.8	4.7	4.1	1.7	1.7
35 - 39	113.0	58.5	54.5	7.9	8.2	42.2	41.7	6.7	3.2	1.7	1.4
40 - 44	100.8	54.0	46.8	8.7	6.8	35.2	36.2	8.5	2.6	1.6	1.2
45 - 49	81.8	44.2	37.6	7.1	5.1	27.8	29.7	7.9	1.9	1.4	0.9
50 - 54	71.3	37.8	33.5	4.9	3.6	25.9	28.0	6.0	1.2	1.0	0.7
55 - 59	65.3	34.0	31.3	3.4	2.8	26.0	27.1	4.0	0.9	0.6	0.5
60 - 64	48.9	25.0	23.9	2.3	2.0	20.3	21.1	2.0	0.4	0.4	0.4
65 - 69	33.5	16.5	17.0	1.5	1.1	13.6	15.3	1.1	0.3	0.3	0.3
70 & over	35.9	14.1	21.8	1.3	1.4	11.8	19.7	0.7	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	50.7	50.8	50.5	57.4	58.4	50.9	48.6	40.6	58.2	39.6	41.3
20 - 39	28.2	28.0	28.6	24.2	26.7	28.9	28.8	24.9	28.6	32.0	34.8
40 - 59	15.4	16.0	14.7	15.2	12.0	14.4	15.4	30.2	11.5	23.3	17.9
60 & over	5.7	5.2	6.2	3.2	2.9	5.8	7.2	4.3	1.7	5.1	6.0

2.3 POPULATION ESTIMATES BY AGE GROUP AND ETHNIC GROUP, 1977

Age Group	Total			Malays		Chinese		Indians		Others	
	Persons	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Thousand Persons											
Total	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
0 - 4	216.8	112.0	104.8	15.7	14.5	86.5	80.8	6.5	6.3	3.3	3.2
5 - 9	223.3	115.1	108.2	19.4	18.8	85.8	80.0	7.5	7.1	2.4	2.3
10 - 14	268.3	137.2	131.1	26.3	25.9	99.2	93.9	9.4	9.2	2.3	2.1
15 - 19	289.5	149.1	140.4	25.4	24.7	111.4	104.3	10.3	9.4	2.0	2.0
20 - 24	265.4	135.7	129.7	20.2	20.1	105.6	100.0	8.3	7.9	1.6	1.7
25 - 29	223.0	113.2	109.8	14.6	15.2	90.6	86.7	6.6	6.3	1.4	1.6
30 - 34	146.4	73.7	72.7	9.6	9.9	58.4	57.3	4.3	3.9	1.4	1.6
35 - 39	141.3	70.4	70.9	8.5	9.6	55.3	55.5	5.0	4.1	1.6	1.7
40 - 44	117.3	59.6	57.7	8.3	9.2	44.5	43.5	5.1	3.5	1.7	1.5
45 - 49	105.3	55.2	50.1	8.3	7.5	37.5	38.5	7.8	2.9	1.6	1.2
50 - 54	83.2	44.7	38.5	7.4	5.4	28.0	30.1	7.9	2.0	1.4	1.0
55 - 59	70.2	36.8	33.4	5.4	4.0	24.0	27.3	6.3	1.3	1.1	0.8
60 - 64	59.3	29.9	29.4	3.1	2.4	22.3	25.7	3.9	0.8	0.6	0.5
65 - 69	47.3	23.2	24.1	2.3	1.9	18.3	21.3	2.2	0.5	0.4	0.4
70 & over	51.6	20.9	30.7	1.8	1.5	17.4	28.3	1.3	0.4	0.4	0.5
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	43.2	43.6	42.8	49.2	49.2	43.3	41.1	36.5	48.8	43.1	43.4
20 - 39	33.6	33.4	33.9	30.0	32.1	35.0	34.3	26.2	33.8	25.9	29.9
40 - 59	16.3	16.7	15.9	16.7	15.3	15.1	16.0	29.3	14.8	25.0	20.4
60 & over	6.9	6.3	7.4	4.1	3.4	6.6	8.6	8.0	2.6	6.0	6.3

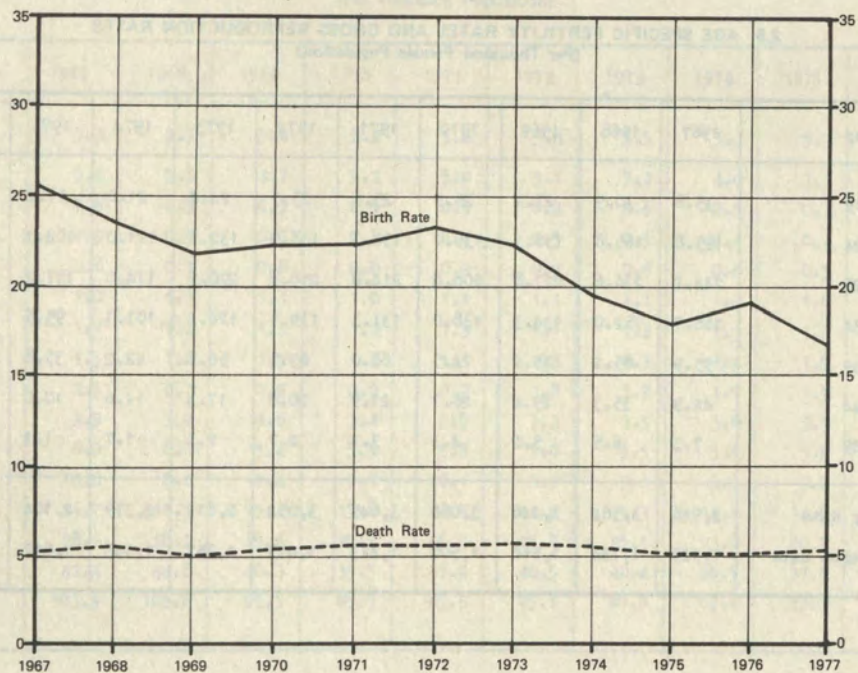
POPULATION AGE PYRAMIDS — 1967 AND 1977



2.4 VITAL STATISTICS

Year	Live-Births	Deaths		Natural Increase	Crude Birth Rate	Crude Death Rate	Natural Increase Rate	Infant Mortality Rate
		Total	Infants					
	Number				Per 1,000 Population			Per 1,000 Live-Births
1967	50,560	10,523	1,253	40,037	25.6	5.3	20.2	24.8
1968	47,241	10,982	1,105	36,259	23.5	5.5	18.0	23.4
1969	44,562	10,224	930	34,338	21.8	5.0	16.8	20.9
1970	45,934	10,717	942	35,217	22.1	5.2	17.0	20.5
1971	47,088	11,329	948	35,759	22.3	5.4	16.9	20.1
1972	49,678	11,522	954	38,156	23.1	5.4	17.8	19.2
1973	48,269	11,920	981	36,349	22.1	5.5	16.6	20.3
1974	43,268	11,674	728	31,594	19.5	5.3	14.2	16.8
1975	39,948	11,447	555	28,501	17.8	5.1	12.7	13.9
1976	42,783	11,648	498	31,135	18.8	5.1	13.7	11.6
1977	38,364	11,955	474	26,409	16.6	5.2	11.5	12.4

BIRTH AND DEATH RATES
(Per Thousand Population)



2.5 AGE SPECIFIC FERTILITY RATES AND GROSS REPRODUCTION RATES
(Per Thousand Female Population)

Age Group	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
15 - 19	35.8	30.9	27.1	25.9	25.6	25.5	24.4	21.0	17.0	16.5	13.6
20 - 24	195.8	165.8	150.1	139.0	138.3	138.0	132.1	121.0	104.1	109.6	92.5
25 - 29	244.7	236.6	227.8	208.8	214.8	218.8	200.9	174.0	157.2	163.6	142.4
30 - 34	166.7	152.0	134.3	138.0	137.3	139.1	128.3	103.3	95.5	97.7	87.1
35 - 39	95.9	85.2	75.2	74.5	68.0	65.5	56.8	42.2	35.8	33.6	28.7
40 - 44	42.9	35.3	29.4	26.7	21.9	20.8	17.3	12.6	10.0	8.0	6.7
45 - 49	7.3	6.5	5.2	4.3	3.1	2.7	2.3	1.7	1.1	0.8	0.6
Total Fertility Rate	3,946	3,562	3,246	3,086	3,045	3,052	2,811	2,379	2,104	2,149	1,858
Gross Reproduction Rate	1,929	1,736	1,568	1,500	1,473	1,475	1,357	1,143	1,017	1,034	896

2.6 AGE SPECIFIC DEATH RATES
(Per Thousand Population)

Age Group	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
Total	5.3	5.5	5.0	5.2	5.4	5.4	5.5	5.3	5.1	5.1	5.2
0 - 4	5.7	5.5	4.7	5.2	5.0	5.1	5.2	4.0	3.1	2.8	2.8
5 - 9	0.6	0.5	0.5	0.5	0.5	0.4	0.6	0.5	0.3	0.4	0.4
10 - 14	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.3
15 - 19	0.6	0.7	0.8	0.8	0.9	0.9	0.8	0.6	0.5	0.6	0.7
20 - 24	1.0	1.1	1.1	1.0	1.1	1.1	1.1	1.0	1.0	0.9	0.8
25 - 29	1.1	1.2	1.3	1.2	1.3	1.1	1.2	1.1	1.1	1.0	1.0
30 - 34	1.5	1.4	1.2	1.3	1.3	1.3	1.3	1.4	1.5	1.3	1.1
35 - 39	2.1	2.2	2.2	2.2	2.2	1.8	1.9	1.9	1.9	1.9	1.8
40 - 44	3.9	3.9	3.6	3.4	3.8	3.3	3.5	3.0	3.3	2.8	2.9
45 - 49	6.0	6.0	5.4	5.9	5.9	5.8	5.5	5.6	5.6	5.0	4.7
50 - 54	10.0	10.2	9.4	9.7	10.1	9.9	9.1	9.3	9.0	8.7	9.1
55 - 59	16.7	18.1	15.4	15.8	15.7	14.9	15.3	14.4	14.5	14.2	14.5
60 - 64	28.1	28.2	25.6	25.7	26.3	25.8	25.1	23.8	20.9	22.3	23.1
65 - 69	42.4	44.8	40.3	39.5	41.2	40.5	40.4	36.7	37.6	35.7	36.1
70 & over	103.9	102.6	95.5	85.7	85.5	85.7	87.6	89.4	83.3	86.5	84.4

2.7 DEATHS BY BROAD GROUPS OF CAUSES

Cause of Death	Number							
	1970	1971	1972	1973	1974	1975	1976	1977
All Causes	10,717	11,329	11,522	11,920	11,674	11,447	11,648	11,955
Infective and Parasitic Diseases	727	702	752	775	714	630	554	523
of which: Tuberculosis, all forms	458	439	489	450	472	420	358	340
Neoplasms	1,633	1,728	1,821	1,912	2,002	2,123	2,278	2,326
of which: Malignant neoplasms	1,596	1,688	1,773	1,863	1,955	2,083	2,245	2,286
Endocrine, Nutritional and Metabolic Diseases	250	308	271	342	377	375	408	429
of which: Diabetes mellitus	134	212	207	247	257	259	334	377
Diseases of the Blood and Blood-Forming Organs	51	60	50	61	60	52	32	50
Diseases of the Nervous System and Sense Organs	173	166	171	169	149	133	129	110
Diseases of the Circulatory System	2,899	3,120	2,999	3,169	3,295	3,369	3,798	3,889
of which: Heart and Hypertensive diseases	1,780	1,925	1,819	1,967	2,014	2,000	2,283	2,426
Cerebrovascular disease	1,038	1,103	1,080	1,131	1,213	1,245	1,427	1,360
Diseases of the Respiratory System	1,473	1,502	1,653	1,663	1,631	1,632	1,651	1,902
of which: Pneumonia, all forms	843	875	951	950	969	948	1,010	1,215
Bronchitis	241	235	237	231	183	211	134	114
Diseases of the Digestive System	454	463	463	453	451	423	384	382
Diseases of the Genito-Urinary System	239	252	279	275	320	311	281	324
Congenital Anomalies	150	186	172	189	177	146	156	141
of which: Congenital anomalies of heart	76	102	93	94	101	76	70	70
Immaturity, unqualified	228	197	280	249	174	141	113	156
Accidents, Poisonings and Violence	836	968	982	995	894	887	890	914
of which: Motor vehicle accidents	268	340	370	371	282	255	257	264
Other accidents	300	281	245	277	272	217	238	239
Suicides	185	230	235	240	229	252	257	224
Other Diseases and Causes	1,604	1,629	1,629	1,668	1,430	1,225	974	809
of which: Senility	1,002	1,127	1,101	1,108	1,064	860	679	571

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

2.8 MARRIAGES REGISTERED BY ETHNIC GROUP

Year	All Marriages Registered										Number
		Women's Charter					Muslim Law Act				
		Total	Chinese	Indians	Others	Inter- Ethnic Group	Total	Malays	Others	Inter- Ethnic Group	
1967	12,286	10,392	9,323	487	310	272	1,894	1,529	99	266	
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	

2.9 MARRIAGES BY AGE GROUP OF GROOMS AND BRIDES, 1976 AND 1977

Age Group	Number							
	1976				1977			
	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	17,480	2,946	17,480	2,946	16,788	3,163	16,788	3,163
Under 15	-	-	1	-	-	-	2	1
15 - 19	201	84	2,373	744	190	95	2,050	732
20 - 24	5,732	1,234	9,208	1,499	5,274	1,254	8,815	1,631
25 - 29	8,136	1,074	4,614	486	7,671	1,175	4,503	531
30 - 34	2,022	250	793	83	2,287	315	888	128
35 - 39	782	115	288	63	787	127	344	61
40 - 44	302	64	109	26	308	71	103	33
45 - 49	155	60	45	21	136	48	35	21
50 & over	150	65	49	24	135	78	48	25

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

2.10 AVERAGE AGE AT MARRIAGE OF GROOMS AND BRIDES

Year	Years					
	All Marriages		Women's Charter		Muslim Law Act	
	Grooms	Brides	Grooms	Brides	Grooms	Brides
1967	28.3	23.9	28.4	24.3	27.7	21.7
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

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 1977 labour force survey was conducted by the Ministry of Labour in June 1977. The survey was based on a sample of 20,571 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 1977 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.

The Employment Service carried out an exercise at the end of 1977 to check all registrants' employment status using employment records maintained by the Central Provident Fund (CPF) Board. Permanent residents who had previously registered with the Service but were not included in the 'live' figures were also covered in the exercise. With effect from December 1977 the number on 'live' register excludes registrants (Singapore citizens and permanent residents) who already have a job as confirmed by the CPF Board's employment records.

Trade Unions

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

Industrial Stoppages

Data on industrial stoppages refer to cases reported to and handled by the Industrial Relations Department of the Ministry of Labour and includes 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.

The rate of contribution to the Fund have been revised upwards over the years. With effect from 1st July 1977, the rate of contribution payable in respect of employees in the private sector earning above \$10 but less than \$200 a month was increased from 15% to 15½% of the employees' wages. Employees earning above \$200 but less than \$363 a month would contribute at 1/3 of the difference between the total amount of the wages and \$200 plus ½% of the wages while their employers contribute at 15½% of their wages. For employees

earning above \$363 a month, the rate was raised from 30% to 31% while the maximum contribution payable per month was raised from \$600 to \$620, with both employer and employee paying equal shares of 15½% subject to a maximum of \$310. The same rates of contribution are applicable to non-pensionable employees in the public sector.

In the case of pensionable employees in the public sector, the total monthly contribution was raised to 11% of the monthly wages with the employee paying 5½% of his wages subject to a maximum contribution of \$310 and the employer paying 5½% of the monthly wages.

The rate of contribution payable in respect of bonuses and additional wages which were not derived by the employees in respect of employment in the month was 31% with the employer and employee paying equal shares. Such contribution was not subject to any maximum.

The additional ½% increase in contributions by both the employer and employee cannot be withdrawn by members to purchase flats under the various approved housing schemes but are to be kept as savings. This is to ensure that members who have utilised their CPF money to purchase flats have some savings when they retire.

3.1 LABOUR FORCE

Mid-Year	Population of 15-64 Years			Labour Force			Participation Rate	Unemployment Rate
	Total	Males	Females	Total	Employed	Unemployed		
	Thousand						Per Cent	
1967	1,074.7	562.0	512.7	601	552	49	55.9	8.1
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	4.0

3.2 PERSONS BY ACTIVITY STATUS, AGE GROUP AND SEX; JUNE 1977

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	1,888.8	956.3	932.5	940.8	637.9	302.9	903.9	616.3	287.7	36.9	21.6	15.3	948.0	318.4	629.6
10 - 14	287.3	148.6	138.6	3.9	2.1	1.8	3.5	2.0	1.6	0.4	0.2	0.2	283.4	146.5	136.9
15 - 19	300.9	156.4	144.5	123.8	65.2	58.6	114.1	61.8	52.3	9.7	3.4	6.3	177.1	91.2	85.9
20 - 24	261.5	134.6	126.9	213.8	122.3	91.6	200.6	113.7	86.9	13.2	8.6	4.7	47.7	12.3	35.4
25 - 29	207.0	104.6	102.4	152.7	101.3	51.4	147.4	97.6	49.9	5.3	3.7	1.6	54.3	3.3	51.0
30 - 34	142.2	70.9	71.3	94.8	69.4	25.3	92.4	67.8	24.6	2.3	1.6	0.7	47.5	1.5	46.0
35 - 39	140.5	67.6	72.9	90.0	66.5	23.5	88.2	65.3	22.9	1.7	1.1	0.6	50.5	1.1	49.4
40 - 44	124.1	60.9	63.2	77.2	59.8	17.4	75.8	58.9	17.0	1.3	0.9	0.4	46.9	1.1	45.8
45 - 49	107.1	55.0	52.2	65.6	52.9	12.7	64.3	52.0	12.3	1.3	0.9	0.4	41.6	2.1	39.5
50 - 54	87.4	46.9	40.5	49.8	42.0	7.8	49.0	41.4	7.6	0.8	0.6	0.2	37.6	4.8	32.8
55 - 59	69.9	35.1	34.9	30.3	24.9	5.4	29.8	24.6	5.3	0.5	0.3	0.2	39.6	10.2	29.4
60 and over	160.9	75.9	85.1	39.0	31.6	7.5	38.7	31.3	7.4	0.3	0.2	0.1	121.9	44.3	77.6

Source: Ministry of Labour

3.3 AGE-SEX SPECIFIC PARTICIPATION RATES, 1970, 1976 AND 1977

Age Group	1970 ¹			1976			1977		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
	Per hundred population								
TOTAL	46.6	67.6	24.6	49.1	66.7	31.1	49.8	66.7	32.5
10 - 14	3.3	3.7	2.8	2.3	2.8	1.8	1.4	1.4	1.3
15 - 19	49.5	55.7	43.0	43.2	44.1	42.2	41.2	41.7	40.6
20 - 24	73.5	92.9	53.6	78.9	89.8	67.4	81.8	90.9	72.1
25 - 29	64.5	98.0	30.8	72.3	96.4	48.2	73.8	96.9	50.2
30 - 34	60.6	98.3	22.7	64.6	97.7	32.9	66.6	97.9	35.5
35 - 39	60.2	98.4	19.3	64.5	98.0	29.1	64.0	98.4	32.2
40 - 44	60.8	98.1	17.8	62.0	97.9	26.2	62.2	98.2	27.5
45 - 49	60.0	96.2	17.5	58.2	95.6	20.6	61.2	96.2	24.3
50 - 54	55.0	88.1	17.5	54.0	88.0	17.3	57.0	89.7	19.1
55 - 59	46.2	73.9	16.2	41.0	70.3	12.1	43.3	70.9	15.6
60 - 64	35.0	55.6	13.4	34.7	58.0	11.1	34.8	57.7	12.9
65 - 69	25.3	41.2	9.8	27.1	41.1	12.0	24.2	40.0	8.8
70 - 74	14.5	25.8	5.7	18.9	32.6	5.7	16.5	28.0	6.3
75 and over	6.3	14.4	2.1	7.9	14.3	3.8	7.3	14.4	0.3

1 Census of Population, 1970.

Source: Ministry of Labour

3.4 PERSONS EMPLOYED BY INDUSTRY, 1970, 1973-1977

Industry	Number					
	1970 Census	1973	1974	1975	1976	1977
TOTAL	650,892	799,618	824,349	833,525	870,442	903,935
Agriculture and Fishing	22,458	21,365	21,709	17,372	19,686	19,777
Mining and Quarrying	2,168	1,074	1,748	3,139	1,857	1,637
Manufacturing	143,100	189,920	234,231	218,096	233,954	245,492
Electricity, Gas and Water	7,615	11,165	10,344	8,929	11,249	11,397
Construction	43,126	51,533	42,495	39,181	42,026	41,967
Commerce	152,910	196,147	172,650	191,686	201,002	212,702
Transport, Storage and Communications	79,041	93,725	97,519	97,899	101,615	105,629
Financing, Insurance, Real Estate and Business Services	23,071	28,665	46,574	50,654	56,512	59,676
Community, Social and Personal Services	177,022	205,809	195,136	204,025	200,630	204,343
Activities Not Adequately Defined	381	215	1,943	2,544	1,910	1,314

Source: Ministry of Labour

3.5 PERSONS EMPLOYED BY OCCUPATION, 1970, 1973-1977

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

Source: Ministry of Labour

3.6 EMPLOYED PERSONS BY INDUSTRY AND OCCUPATIONAL STATUS, JUNE 1977

Industry	Occupational Status				
	Total	Employees	Employers	Own Account Workers	Unpaid Family Workers
TOTAL	903,935	742,895	36,948	95,654	28,438
Agriculture and Fishing	19,777	2,219	280	10,492	6,786
Mining and Quarrying	1,637	1,573	22	22	22
Manufacturing	245,492	224,659	7,562	10,600	2,671
Electricity, Gas and Water	11,397	10,793	323	280	-
Construction	41,967	36,732	2,779	2,154	302
Commerce	212,702	128,681	19,217	47,806	16,998
Transport, Storage and Communications	105,629	88,760	1,960	14,477	431
Finance, Insurance, Real Estate and Business Services	59,676	55,432	2,305	1,745	194
Community, Social and Personal Services	204,343	192,795	2,478	8,036	1,034
Activities Not Adequately Defined	1,314	1,250	22	43	-

Source: Ministry of Labour

3.7 EMPLOYED PERSONS BY INDUSTRY AND OCCUPATION, JUNE 1977

Number

Occupation Industry	Total	Profess- ional, Technical and Related Workers	Admini- strative and Managerial Workers	Clerical and Related Workers	Sales Workers	Service Workers	Agricul- tural and Animal Husbandry Workers and Fishermen	Production and Related Workers, Transport Equipment Operators and Labourers	Workers Not Classi- fiable by Occupation
TOTAL	903,935	84,559	28,007	139,108	141,586	97,593	23,160	331,257	58,664
Agriculture and Fishing	19,777	43	151	215	151	108	18,678	431	-
Mining and Quarrying	1,637	259	43	194	-	-	-	1,142	-
Manufacturing	245,492	13,077	10,556	22,212	6,506	4,589	215	188,271	65
Electricity, Gas and Water	11,397	1,745	625	1,637	43	840	86	6,420	-
Construction	41,967	1,917	4,007	862	237	259	22	34,664	-
Commerce	212,702	2,715	3,792	36,409	127,819	26,477	302	15,188	-
Transport, Storage and Communications	105,629	7,519	3,490	28,524	1,142	4,223	151	60,581	-
Finance, Insurance, Real Estate and Business Services	59,676	9,070	3,899	31,174	4,158	4,847	582	5,925	22
Community, Social and Personal Services	204,343	48,193	1,443	17,795	1,508	56,186	3,124	17,623	58,470
Activities Not Adequately Defined	1,314	22	-	86	22	65	-	1,013	108

Source: Ministry of Labour

3.8 REGISTRATION AT EMPLOYMENT SERVICE

Year	Number on 1 'live' register (end of period)	Number								
		New Registrants			Vacancies Notified			Vacancies Filled		
		Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1967	72,350	27,527	17,535	9,992	4,015	2,768	1,247	3,049	2,465	584
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

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

Source: Ministry of Labour

3.9 TRADE UNIONS AND MEMBERSHIP

Year	Employee Class		Employer Class	
	Unions	Members	Unions	Members
1967	108	130,053	55	5,941
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

Source: Ministry of Labour

3.10 INDUSTRIAL STOPPAGES

Year	Stoppages By Causes				Number	
	Total	Dismissal and Retrenchment	Wages	Others	Workers Involved	Man-Days Lost
1967	10	6	2	2	4,491	41,322
1968	4	1	1	2	172	11,447
1969	-	-	-	-	-	8,512 ¹
1970	5	1	-	4	1,749	2,514
1971	2	-	-	2	1,380	5,449
1972	10	2	2	6	3,168	18,233
1973	5	4	-	1	1,312	2,295
1974	10	1	-	9	1,901	5,380
1975	7	1	-	6	1,865	4,853
1976	4	3	-	1	1,576	3,193
1977	1	-	-	1	406	1,011

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

Source: Ministry of Labour

3.11 CENTRAL PROVIDENT FUND CONTRIBUTORS BY AGE GROUP

(End of period)

Age Group	1970	1971	1972	1973	1974	1975	1976	1977
	Number							
TOTAL	372,517	415,672	535,702	609,305	622,454	647,359	677,824	713,647
Under 15	1,412	1,728	2,209	2,288	1,237	1,288	2,018	1,965
15 - 19	55,111	66,044	81,029	95,146	82,885	83,939	87,566	88,386
20 - 24	86,611	102,031	133,647	152,354	147,106	160,871	169,072	175,786
25 - 29	44,402	52,590	81,914	100,113	109,575	127,630	135,102	142,181
30 - 34	43,449	47,229	58,919	63,874	61,460	61,775	68,965	81,307
35 - 39	35,170	36,665	45,492	51,200	53,641	57,836	61,028	61,951
40 - 44	31,783	32,011	38,680	41,138	41,551	45,143	46,513	47,983
45 - 49	24,783	25,685	30,112	33,392	34,717	37,538	38,071	39,259
50 - 54	19,901	20,121	22,577	24,408	24,979	26,681	27,573	28,936
55 - 59	3,005	2,932	3,539	3,922	3,823	4,303	3,962	4,414
60 and over	19,791	20,926	22,799	26,506	50,663	35,228	33,110	33,782
Not stated	7,099	7,710	14,785	14,964	10,817	5,127	4,844	7,697
	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	0.4	0.2	0.2	0.3	0.3
15 - 19	14.8	15.9	15.1	15.6	13.3	13.0	12.9	12.4
20 - 24	23.3	24.5	24.9	25.0	23.6	24.9	24.9	24.6
25 - 29	11.9	12.7	15.3	16.4	17.6	19.7	19.9	19.9
30 - 34	11.7	11.4	11.0	10.5	9.9	9.5	10.2	11.4
35 - 39	9.4	8.8	8.5	8.4	8.6	8.9	9.0	8.7
40 - 44	8.5	7.7	7.2	6.8	6.7	7.0	6.9	6.7
45 - 49	6.7	6.2	5.6	5.5	5.6	5.8	5.6	5.5
50 - 54	5.3	4.8	4.2	4.0	4.0	4.1	4.1	4.1
55 - 59	0.8	0.7	0.7	0.6	0.6	0.7	0.6	0.6
60 and over	5.3	5.0	4.3	4.3	8.1	5.4	4.9	4.7
Not stated	1.9	1.9	2.8	2.5	1.8	0.8	0.7	1.1

Source: Central Provident Fund Board

3.12 CENTRAL PROVIDENT FUND CONTRIBUTORS BY WAGE LEVEL

Monthly Wage Level	1970	1971	1972	1973	1974	1975	1976	1977
	Number							
TOTAL	372,517	415,672	535,702	609,305	622,454	647,359	677,824	713,647
Below 100	66,070	62,126	55,570	46,046	27,318	24,033	23,050	22,494
\$ 100 - 199	146,753	164,134	194,688	195,934	130,547	117,452	110,434	103,214
\$ 200 - 299	68,788	80,092	108,818	138,449	160,970	162,096	174,991	185,310
\$ 300 - 399	31,578	37,758	59,008	72,011	84,974	93,101	101,671	109,940
\$ 400 - 499	18,469	21,807	39,649	46,667	57,710	62,208	68,333	74,846
\$ 500 - 599	38,284	13,007	19,609	30,358	41,790	47,428	50,031	52,730
\$ 600 - 799		14,258	22,201	30,339	45,200	55,554	57,749	63,217
\$ 800 - 999		6,730	12,126	15,455	21,273	25,799	28,953	32,660
\$1,000 - 1,119		4,090	6,955	10,232	13,655	15,751	16,345	18,228
\$1,200 - 1,399		2,463	3,932	5,470	8,432	10,745	11,538	12,440
\$1,400 and over	2,575	3,947	6,677	10,415	18,974	24,265	28,051	32,541
Not stated		5,260	6,469	7,929	11,611	6,927	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	17.7	14.9	10.4	7.6	4.4	3.7	3.4	3.1
\$ 100 - 199	39.4	39.5	36.3	32.1	21.0	18.1	16.3	14.5
\$ 200 - 299	18.5	19.3	20.3	22.7	25.9	25.0	25.8	26.0
\$ 300 - 399	8.5	9.1	11.0	11.8	13.6	14.4	15.0	15.4
\$ 400 - 499	4.9	5.2	7.4	7.7	9.3	9.6	10.1	10.5
\$ 500 - 599	10.3	3.1	3.7	5.0	6.7	7.3	7.4	7.4
\$ 600 - 799		3.4	4.1	5.0	7.3	8.6	8.5	8.9
\$ 800 - 999		1.6	2.3	2.5	3.4	4.0	4.3	4.6
\$1,000 - 1,119		1.0	1.3	1.7	2.2	2.4	2.4	2.5
\$1,200 - 1,399		0.6	0.7	0.9	1.3	1.7	1.7	1.7
\$1,400 and over	0.7	1.0	1.3	1.7	3.0	3.8	4.1	4.6
Not stated		1.3	1.2	1.3	1.9	1.4	1.0	0.8

Source: Central Provident Fund Board

3.13 CENTRAL PROVIDENT FUND MEMBERS BY AGE GROUP
(End of period)

Age Group (Years)	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
Number										
TOTAL	504,828	560,133	638,829	714,657	855,307	961,991	1,041,601	1,104,417	1,177,538	1,251,070
Under 15	863	1,333	1,883	2,349	2,924	3,058	1,810	1,704	2,639	2,604
15 - 19	42,747	60,335	81,181	99,286	123,824	142,489	142,545	141,727	147,790	152,354
20 - 24	89,950	108,416	136,029	159,762	200,600	232,067	246,242	270,560	286,150	297,007
25 - 29	84,687	84,305	84,618	96,699	127,775	152,862	175,302	208,155	226,542	244,334
30 - 34	71,243	78,889	86,326	94,921	103,830	110,333	109,504	110,309	123,503	146,443
35 - 39	56,555	59,530	65,532	70,564	78,097	87,171	95,022	103,696	112,475	116,549
40 - 44	47,055	50,103	54,407	57,725	63,950	67,745	70,606	77,810	82,557	86,444
45 - 49	37,518	38,935	41,194	44,296	49,725	54,390	57,842	63,182	66,549	69,521
50 - 54	30,333	31,523	33,958	35,596	38,646	40,794	42,300	45,209	48,304	51,715
55 and over	27,704	32,497	37,496	41,316	46,254	51,076	82,514	59,021	61,730	64,842
Age not stated	16,173	14,267	16,205	12,143	19,682	20,006	17,914	23,044	19,299	19,257
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	0.2	0.3	0.3	0.4	0.3	0.2	0.2	0.2	0.2
15 - 19	8.5	10.8	12.7	13.9	14.5	14.8	13.6	12.8	12.6	12.2
20 - 24	17.8	19.4	21.3	22.3	23.5	24.1	23.7	24.5	24.3	23.8
25 - 29	16.8	15.1	13.2	13.5	14.9	15.9	16.8	18.9	19.2	19.5
30 - 34	14.1	14.1	13.5	13.3	12.1	11.5	10.5	10.0	10.5	11.7
35 - 39	11.2	10.6	10.3	9.9	9.1	9.1	9.1	9.4	9.6	9.3
40 - 44	9.3	8.9	8.5	8.1	7.5	7.0	6.8	7.0	7.0	6.9
45 - 49	7.4	7.0	6.5	6.2	5.8	5.7	5.6	5.7	5.7	5.6
50 - 54	6.0	5.6	5.3	5.0	4.5	4.2	4.1	4.1	4.1	4.1
55 and over	5.5	5.8	5.9	5.8	5.4	5.3	7.9	5.3	5.2	5.2
Age not stated	3.2	2.5	2.5	1.7	2.3	2.1	1.7	2.1	1.6	1.5

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

Source: Central Provident Fund Board

3.14 CENTRAL PROVIDENT FUND MEMBERS BY BALANCES
(End of period)

Balances (\$)	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
Number										
TOTAL	504,828	560,133	638,829	714,657	855,307	961,991	1,041,601	1,104,417	1,177,538	1,251,070
Below 200	217,291	242,003	273,167	275,106	304,915	293,464	267,987	259,921	262,476	266,797
200 - 399	59,339	66,238	83,348	104,264	130,974	125,337	117,040	106,315	110,503	112,940
400 - 599	35,644	40,036	45,548	56,766	73,889	90,117	83,566	74,059	73,532	75,062
600 - 799	26,659	28,655	31,539	37,286	47,715	67,704	65,893	60,793	57,522	59,769
800 - 999	21,352	22,370	24,508	27,823	33,811	47,385	55,343	50,848	48,029	49,620
1,000 - 1,999	69,509	72,889	77,830	84,267	96,734	121,571	162,902	172,983	172,151	168,886
2,000 - 2,999	26,187	27,905	32,794	41,414	52,156	63,379	78,730	99,255	104,904	110,477
3,000 - 3,999	14,889	17,786	19,160	22,726	28,898	37,396	51,007	61,029	73,484	76,857
4,000 - 5,999)		17,389	21,845	26,618	33,232	43,017	57,169	75,101	89,652	103,950
6,000 - 7,999)		8,528	9,903	13,347	18,189	23,482	31,905	43,378	52,154	61,296
8,000 - 9,999)	33,958	6,383	6,660	7,186	10,098	14,276	19,525	27,244	34,432	39,581
10,000 and over)		7,951	12,527	17,854	24,696	34,863	50,534	73,491	98,699	125,835
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	43.0	43.2	42.8	38.5	35.6	30.5	25.7	23.5	22.3	21.3
200 - 399	11.8	12.2	13.1	14.6	15.3	13.0	11.2	9.6	9.4	9.0
400 - 599	7.1	7.2	7.1	7.9	8.6	9.4	8.0	6.7	6.3	6.0
600 - 799	5.3	5.1	4.9	5.2	5.6	7.0	6.3	5.5	4.9	4.8
800 - 999	4.2	4.0	3.8	3.9	4.0	4.9	5.3	4.6	4.1	4.0
1,000 - 1,999	13.8	13.0	12.2	11.8	11.3	12.6	15.6	15.7	14.6	13.5
2,000 - 2,999	5.2	5.0	5.1	5.8	6.1	6.6	7.6	9.0	8.9	8.8
3,000 - 3,999	2.9	3.2	3.0	3.2	3.4	3.9	4.9	5.5	6.2	6.1
4,000 - 5,999)		3.1	3.4	3.7	3.9	4.5	5.5	6.8	7.6	8.3
6,000 - 7,999)		1.5	1.6	1.9	2.1	2.5	3.1	3.9	4.4	4.9
8,000 - 9,999)	6.7	1.1	1.0	1.0	1.2	1.5	1.9	2.5	2.9	3.2
10,000 and over)		1.4	2.0	2.5	2.9	3.6	4.9	6.7	8.4	10.1

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

corresponding 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 estimates of balance of payments are compiled from available data on external transactions between residents of Singapore and the rest of the world (non-residents). The compilation is based on the principles recommended in the IMF Balance of Payments Manual.

Data on merchandise trade and freight and insurance are based on trade and shipping statistics. Receipts on travel cover tourist expenditure in Singapore while travel payments are expenditure by residents travelling abroad. Investment income covers receipts and payments of profit, dividends and interests. Government services comprise mainly expenditure of foreign armed forces stationed in Singapore and foreign diplomatic missions expenditure in Singapore. Other transportation and services include port disbursements by ships and aircrafts, payments and receipts of passenger fares

and miscellaneous services such as management, professional and consultancy services.

Transfer payments include recorded private remittances to and from abroad as well as Government receipts of grants and payments of pensions and compensation.

Information on capital movements covers recorded private capital as well as long and short term capital of commercial banks, statutory authorities, Government and Monetary authorities.

The estimates are prepared mainly from statistics compiled by the Department of Statistics. Information was also obtained from surveys and from administrative records of other Government departments and statutory authorities. With effect from July 1973, the Monetary Authority of Singapore implemented the "Ticket System" of recording Singapore overseas transactions and this provides a supplementary source of data for compiling the estimates.

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 are revised and thus are different from those of earlier years for which additional retrospective data were not available.

4.1 INDIGENOUS GROSS NATIONAL PRODUCT

(At Current Market Prices)

Million Dollars

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977*
1 Total Gross Domestic Product	3,746	4,315	5,020	5,805	6,823	8,156	10,205	12,543	13,373	14,615	16,091
2 Share of Resident Foreigners and Resident Foreign Companies in GDP	384	624	800	1,072	1,234	1,516	2,090	2,990	3,059	3,344	3,636
3 Indigenous GDP (1) - (2)	3,362	3,691	4,220	4,733	5,589	6,640	8,115	9,553	10,314	11,271	12,455
4 Net Factor Receipts of Singaporeans from Rest of the World	236	231	252	256	237	244	294	413	481	442	524
5 Indigenous GNP (3) + (4)	3,598	3,922	4,472	4,989	5,826	6,884	8,409	9,966	10,795	11,713	12,979
6 Number of Singaporeans ('000)	1,978	2,012	2,043	2,075	2,110	2,147	2,185	2,219	2,250	2,278	2,308
7 Per Capita Indigenous GNP (S\$) (5) ÷ (6)	1,819	1,949	2,189	2,404	2,761	3,206	3,849	4,491	4,798	5,142	5,623

4.2 OUTPUT, SAVING AND INVESTMENT
(At Current Market Prices)

Million Dollars

	1970	1971	1972	1973	1974	1975	1976	1977*
Gross National Product								
Gross National Product at Market Prices	5,861.1	6,813.3	8,085.8	9,836.6	12,109.5	13,216.2	14,286.0	15,669.4
Gross Domestic Product at Factor Cost	5,319.9	6,279.4	7,523.9	9,437.8	11,738.2	12,507.2	13,625.8	14,986.9
Indirect Taxes	485.0	543.9	631.9	767.3	805.0	865.8	989.0	1,104.4
Net Factor Income from Abroad	56.2	-10.0	-70.0	-368.5	-433.7	-156.8	-328.8	-421.9
Generation of Gross National Saving								
Gross National Saving	1,129.7	1,252.7	1,916.1	2,595.1	2,892.5	3,601.8	3,747.3	4,073.2
Gross Domestic Saving	1,065.4	1,259.9	1,979.7	2,973.7	3,421.3	3,850.9	4,197.2	4,614.5
Gross Domestic Product at Market Prices	5,804.9	6,823.3	8,155.8	10,205.1	12,543.2	13,373.0	14,614.8	16,091.3
Less: Private and Government Consumption Expenditure	4,612.1	5,462.6	6,163.6	7,619.0	9,094.4	9,661.5	10,338.6	11,512.0
Statistical Discrepancy	-127.4	-100.8	-12.5	387.6	-27.5	139.4	-79.0	35.2
Net Factor Income from Abroad	56.2	-10.0	-70.0	-368.5	-433.7	-156.8	-328.8	-421.9
Net Transfers from Abroad	8.1	2.8	6.4	-10.1	-95.1	-92.3	-121.1	-119.4
Finance of Gross Domestic Capital Formation								
Gross Domestic Capital Formation	2,244.5	2,744.1	3,354.4	4,000.0	5,592.0	5,034.6	5,492.2	5,433.1
Gross National Saving	1,129.7	1,252.7	1,916.1	2,595.1	2,892.5	3,601.8	3,747.3	4,073.2
Net Borrowing from Abroad	1,114.8	1,491.4	1,438.3	1,404.9	2,699.5	1,432.8	1,744.9	1,359.9

4.3 GROSS DOMESTIC PRODUCT BY INDUSTRY

Million Dollars

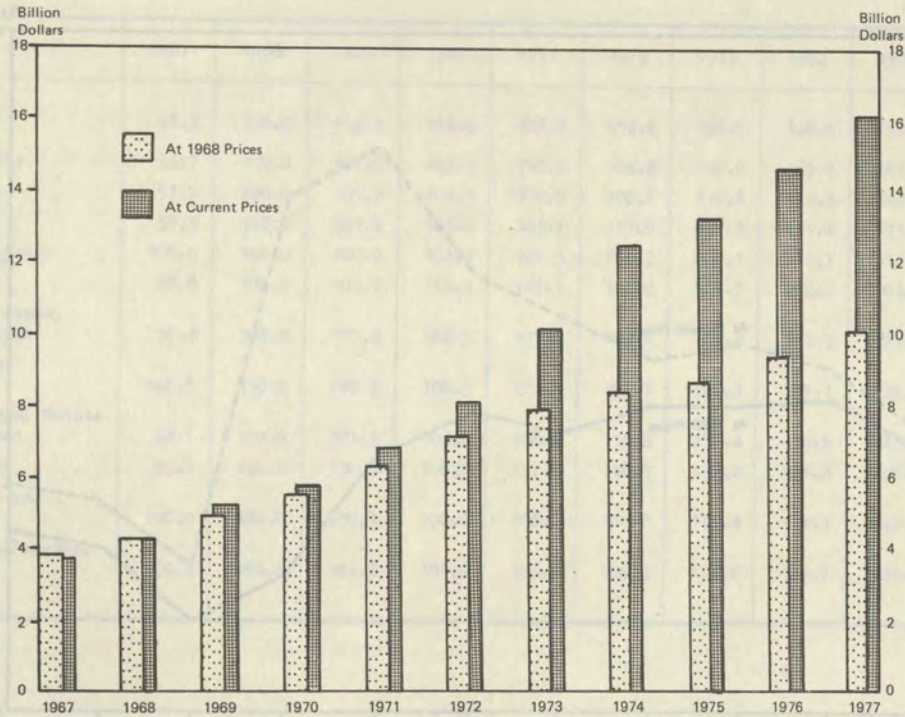
Industry	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977*
	At Current Market Prices										
TOTAL	3,745.7	4,315.0	5,019.9	5,804.9	6,823.3	8,155.8	10,205.1	12,543.2	13,373.0	14,614.8	16,091.3
Agriculture and Fishing	106.5	121.3	128.6	134.6	158.8	160.6	214.3	229.9	254.2	256.8	289.2
Quarrying	11.9	14.7	17.5	19.8	24.5	28.5	28.8	33.6	47.1	56.2	53.4
Manufacturing	631.7	769.7	956.1	1,186.5	1,460.6	1,853.5	2,429.0	3,084.6	3,226.2	3,609.6	3,980.1
Electricity, Gas and Water	100.7	117.2	127.5	149.1	163.9	185.0	218.2	231.6	250.2	279.9	308.6
Construction	213.2	256.2	293.6	397.0	508.6	692.0	725.9	929.3	1,084.0	1,205.1	1,219.7
Wholesale and Retail Trade, Restaurants and Hotels	1,134.3	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	4,328.0
Transport, Storage and Communication	402.4	475.1	544.9	629.8	750.8	924.8	1,127.9	1,338.0	1,517.6	1,795.5	2,126.3
Finance, Insurance, Real Estate and Business Services	310.1	366.4	445.7	523.8	643.5	793.5	1,048.7	1,280.2	1,358.7	1,461.0	1,542.3
Ownership of Dwellings	182.7	211.8	243.0	292.0	354.9	438.8	494.6	553.6	598.6	643.1	688.8
Public Administration and Defence	106.8	137.0	150.9	194.0	237.5	259.9	304.4	389.7	466.1	505.3	527.7
Community, Social and Personal Services	489.8	509.4	544.3	573.9	635.3	711.4	821.4	1,002.5	1,110.0	1,174.1	1,227.3
Less: Imputed Bank Service Charge	61.5	71.3	87.2	110.2	128.2	155.1	218.3	341.2	375.8	447.4	504.2
Add: Import Duties	117.1	121.1	143.7	175.4	162.7	195.7	238.4	223.1	228.1	260.4	304.1

4.3 GROSS DOMESTIC PRODUCT BY INDUSTRY (continued)

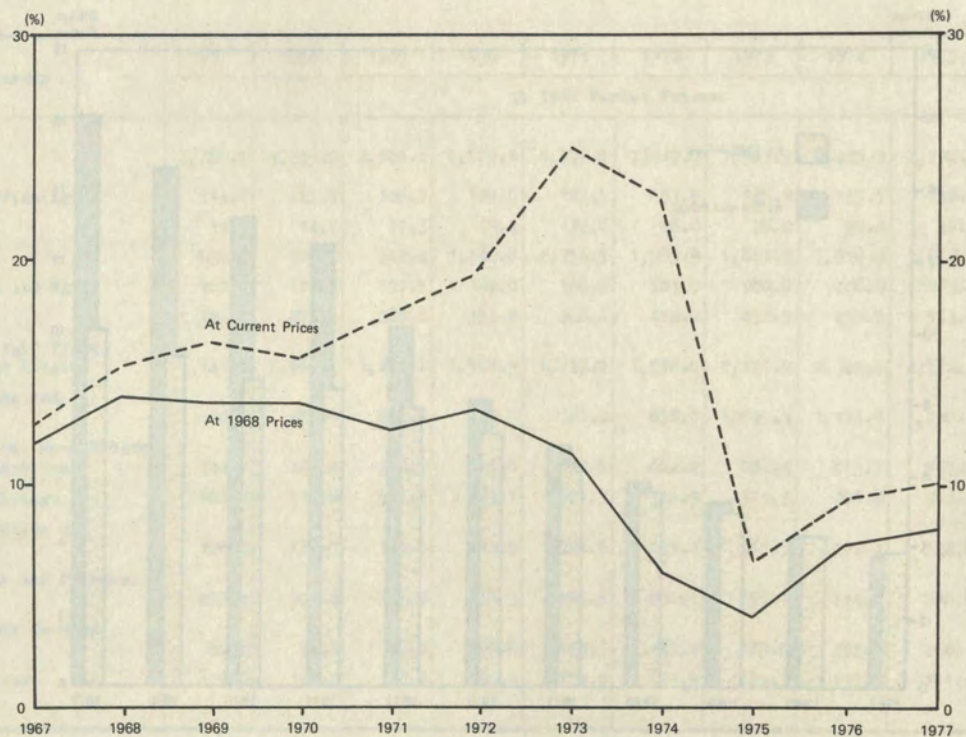
Million Dollars

Industry	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977*
	At 1968 Market Prices										
TOTAL	3,788.9	4,315.0	4,906.1	5,579.3	6,276.7	7,119.7	7,941.3	8,445.2	8,790.3	9,431.2	10,185.4
Agriculture and Fishing	113.7	121.3	126.7	129.8	143.5	153.9	145.8	135.5	139.9	154.9	155.8
Quarrying	12.2	14.7	17.3	19.4	22.8	26.0	26.0	29.4	39.2	43.1	42.3
Manufacturing	637.6	769.7	942.4	1,142.8	1,356.5	1,583.9	1,841.2	1,910.6	1,879.5	2,058.5	2,212.1
Electricity, Gas and Water	100.7	117.2	127.5	145.9	160.2	181.0	200.0	208.5	223.3	243.3	268.5
Construction	215.7	256.2	288.8	353.6	406.6	474.0	432.9	459.4	533.9	591.3	583.2
Wholesale and Retail Trade, Restaurants and Hotels	1,141.2	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	2,688.1
Transport, Storage and Communication	402.5	475.1	544.8	627.9	721.2	858.8	1,041.3	1,123.8	1,230.7	1,399.3	1,631.9
Finance, Insurance, Real Estate and Business Services	314.1	366.4	438.5	501.6	594.5	682.2	804.4	883.7	937.8	1,006.0	1,055.5
Ownership of Dwellings	184.2	211.8	241.7	273.1	301.1	341.9	371.3	408.8	434.4	463.4	497.1
Public Administration and Defence	106.8	137.0	150.8	193.6	222.6	239.4	261.5	292.4	324.8	343.5	354.4
Community, Social and Personal Services	493.4	509.4	537.9	563.3	595.7	650.1	698.7	744.3	790.8	828.2	853.5
Less: Imputed Bank Service Charge	62.2	71.3	85.8	106.8	123.7	147.4	189.0	252.6	268.2	314.7	339.7
Add: Import Duties	129.0	121.1	138.8	166.2	152.8	179.9	189.3	158.9	151.6	163.6	182.7

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)

Industry	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977*
TOTAL	98.9	100.0	102.3	104.0	108.7	114.6	128.5	148.5	152.1	155.0	158.0
Agriculture and Fishing	93.7	100.0	101.5	103.7	110.7	104.4	147.0	169.7	181.7	165.8	185.6
Quarrying	97.5	100.0	101.2	102.1	107.5	109.6	110.8	114.3	120.2	130.4	126.2
Manufacturing	99.1	100.0	101.5	103.8	107.7	117.0	131.9	161.4	171.7	175.4	179.9
Electricity, Gas and Water	100.0	100.0	100.0	102.2	102.3	102.2	109.1	111.1	112.0	115.0	115.0
Construction	98.8	100.0	101.7	112.3	125.1	146.0	167.7	202.3	203.0	203.8	209.1
Wholesale and Retail Trade, Restaurants and Hotels	99.4	100.0	105.2	104.5	107.4	109.0	130.9	153.2	152.1	155.7	161.0
Transport, Storage and Communication	100.0	100.0	100.0	100.3	104.1	107.7	108.3	119.1	123.3	128.3	130.3
Finance, Insurance, Real Estate and Business Services	98.7	100.0	101.6	104.4	108.2	116.3	130.4	144.9	144.9	145.2	146.1
Ownership of Dwellings	99.2	100.0	100.5	106.9	117.9	128.3	133.2	135.4	137.8	138.8	138.8
Public Administration and Defence	100.0	100.0	100.1	100.2	106.7	108.6	116.4	133.3	143.5	147.1	148.9
Community, Social and Personal Services	99.3	100.0	101.2	101.9	106.6	109.4	117.6	134.7	140.4	141.8	143.8

4.5 EXPENDITURE ON GROSS DOMESTIC PRODUCT

Million Dollars

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977*
At Current Market Prices											
TOTAL	3,745.7	4,315.0	5,019.9	5,804.9	6,823.3	8,155.8	10,205.1	12,543.2	13,373.0	14,614.8	16,091.3
Private Consumption Expenditure	2,852.6	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	9,851.1
Government Consumption Expenditure	383.4	448.8	559.9	692.5	860.8	990.2	1,117.7	1,298.4	1,423.0	1,541.5	1,660.9
Gross Domestic Fixed Capital Formation	738.0	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	5,324.8
Increase in Stocks	93.2	78.4	111.7	356.0	270.7	300.1	438.9	897.2	336.2	343.1	108.3
Less: Net Imports of Goods and Services	315.9	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	818.6
Statistical Discrepancy	-5.6	-105.1	115.3	127.4	100.8	12.5	-387.6	27.5	-139.4	79.0	-35.2
At 1968 Market Prices											
TOTAL	3,788.9	4,315.0	4,906.1	5,579.3	6,276.7	7,119.7	7,941.3	8,445.2	8,790.3	9,431.2	10,185.4
Private Consumption Expenditure	2,889.3	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	6,645.6
Government Consumption Expenditure	383.8	448.8	552.7	671.8	786.3	891.2	940.1	941.1	966.9	1,015.3	1,074.4
Gross Domestic Fixed Capital Formation	751.4	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	2,945.3
Increase in Stocks	95.1	78.4	92.1	335.4	235.2	191.1	181.7	483.6	184.8	190.2	56.6
Less: Net Imports of Goods and Services	298.3	283.6	510.9	1,079.8	1,343.2	1,238.5	816.5	1,378.7	757.2	784.5	481.0
Statistical Discrepancy	-32.4	-105.1	44.4	67.2	99.5	49.1	-208.3	-18.4	-80.4	-13.6	-55.5

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

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977*
TOTAL	98.9	100.0	102.3	104.0	108.7	114.6	128.5	148.5	152.1	155.0	158.0
Private Consumption Expenditure	98.7	100.0	99.9	101.2	104.7	107.4	124.3	140.9	144.3	143.9	148.2
Government Consumption Expenditure	99.9	100.0	101.3	103.1	109.5	111.1	118.9	138.0	147.2	151.8	154.6
Gross Domestic Fixed Capital Formation	98.2	100.0	103.1	110.3	117.7	126.7	136.2	162.8	169.8	177.0	180.8
Net Imports of Goods and Services	105.9	100.0	104.2	109.2	110.5	111.0	125.7	157.4	156.3	165.1	170.2

4.7 PRIVATE CONSUMPTION EXPENDITURE

Million Dollars

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977*
At Current Market Prices											
TOTAL	2,852.6	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	9,851.1
Food, Beverages and Tobacco	1,147.3	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	3,040.6
Clothing and Footwear	324.1	360.4	395.0	431.0	470.2	524.9	718.2	783.2	748.2	821.6	882.3
Gross Rent, Fuel and Power	291.9	331.0	373.1	445.8	525.9	630.6	694.6	815.9	920.5	1,028.4	1,110.3
Furniture, Furnishings and Household Equipment	285.3	300.6	315.2	355.8	400.4	445.5	571.0	752.0	813.8	857.9	945.9
Medical Care and Health Expenses	78.1	80.7	102.9	121.2	140.2	150.8	178.7	217.8	249.1	269.3	298.2
Transport and Communication	361.6	400.3	451.6	543.3	603.9	680.4	830.6	985.5	1,005.9	1,119.8	1,339.4
Recreation, Entertainment, Education and Cultural Services	298.8	330.0	378.8	441.1	515.6	585.4	761.9	992.4	1,013.7	1,056.6	1,170.5
Miscellaneous Goods and Services	501.1	566.3	645.8	736.9	854.2	1,024.0	1,284.3	1,583.4	1,693.7	1,803.5	2,002.4
Add: Residents' Expenditure											
Abroad	37.6	40.8	50.5	54.7	59.1	74.8	83.8	94.6	107.4	125.4	163.4
Less: Non-residents' Expenditure											
Locally	473.2	479.1	533.1	609.5	503.4	590.8	765.8	930.3	962.6	1,019.1	1,101.9
At 1968 Market Prices											
TOTAL	2,889.3	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	6,645.6
Food, Beverages and Tobacco	1,167.8	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	1,936.6
Clothing and Footwear	328.1	360.4	385.5	418.2	441.8	484.1	525.0	529.2	522.0	571.5	603.9
Gross Rent, Fuel and Power	294.0	331.0	366.7	413.2	448.6	496.9	523.6	561.4	604.3	649.0	699.4
Furniture, Furnishings and Household Equipment	295.3	300.6	311.2	348.2	382.0	420.1	455.4	499.4	559.8	583.4	619.0
Medical Care and Health Expenses	79.3	80.7	95.0	111.9	129.7	141.2	155.3	162.9	173.1	185.3	202.5
Transport and Communication	360.7	400.3	449.6	534.1	569.5	630.3	728.9	744.7	737.1	798.8	938.2
Recreation, Entertainment, Education and Cultural Services	296.9	330.0	379.7	440.1	488.5	541.0	641.5	782.0	803.8	833.1	906.1
Miscellaneous Goods and Services	511.6	566.3	652.5	735.0	838.0	956.0	1,044.3	1,178.2	1,202.7	1,283.9	1,373.3
Add: Residents' Expenditure											
Abroad	35.5	40.8	48.5	50.1	53.5	67.4	66.7	66.6	74.4	87.2	110.2
Less: Non-residents' Expenditure											
Locally	479.9	479.1	533.6	602.9	481.3	550.1	612.6	654.7	667.2	708.4	743.3

4.8 GROSS DOMESTIC FIXED CAPITAL FORMATION

Million Dollars

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977*
	At Current Market Prices										
TOTAL	738.0	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	5,324.8
Construction and Works	412.0	492.5	568.4	777.9	1,014.0	1,380.7	1,478.3	1,951.3	2,120.6	2,375.5	2,335.1
Residential Buildings	246.1	273.5	298.4	363.6	460.3	659.8	814.1	1,043.6	1,051.4	1,180.1	1,241.0
Non-Residential Buildings	87.7	116.7	145.9	244.1	387.3	483.9	455.7	602.9	648.7	679.1	645.9
Other Construction and Works	78.2	102.3	124.1	170.2	166.4	237.0	208.5	304.8	420.5	516.3	448.2
Transport Equipment	61.0	148.7	190.7	208.4	426.3	444.2	684.3	894.4	733.5	1,034.7	1,255.1
Machinery and Equipment	265.0	355.6	566.6	902.2	1,033.1	1,229.4	1,398.5	1,849.1	1,844.3	1,738.9	1,734.6
	At 1968 Market Prices										
TOTAL	751.4	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	2,945.3
Construction and Works	417.0	492.5	558.4	688.4	802.2	932.9	865.0	879.8	1,002.0	1,101.2	1,057.6
Residential Buildings	249.1	273.5	293.1	321.8	364.2	445.8	476.4	470.5	496.8	547.1	562.2
Non-Residential Buildings	88.8	116.7	143.3	216.0	306.4	327.0	266.6	271.9	306.3	314.7	292.8
Other Construction and Works	79.1	102.3	122.0	150.6	131.6	160.1	122.0	137.4	198.9	239.4	202.6
Transport Equipment	62.6	148.7	183.2	192.1	379.6	392.4	592.5	673.0	516.2	704.3	806.2
Machinery and Equipment	271.8	355.6	544.3	831.5	920.0	1,086.0	1,157.0	1,331.3	1,248.1	1,103.1	1,081.5

4.9 BALANCE OF PAYMENTS

Million Dollars

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977*
A Goods and Services (Net)	-367.3	-546.2	-1,727.2	-2,169.9	-1,444.7	-1,394.8	-2,604.4	-1,340.5	-1,623.8	-1,240.5
Merchandise Trade (fob)										
Exports	3,588.6	4,470.5	4,428.3	5,075.0	5,738.9	8,418.4	13,444.6	12,050.4	15,288.3	18,842.9
Imports	4,759.0	5,862.7	7,047.7	8,090.5	8,838.7	11,680.9	18,964.7	17,707.1	20,756.0	23,307.3
Trade Balance	-1,170.4	-1,392.2	-2,619.4	-3,015.5	-3,099.8	-3,262.5	-5,520.1	-5,656.7	-5,467.7	-4,464.4
Services (net)	803.1	846.0	892.2	845.6	1,655.1	1,867.7	2,915.7	4,316.2	3,843.9	3,223.9
Freight and Insurance	-295.1	-348.5	-431.8	-506.0	-442.0	-555.6	-945.4	-936.9	-914.9	-1,147.9
Travel	128.1	196.3	248.0	298.9	347.2	485.3	633.7	674.7	749.5	792.9
Investment Income	69.5	111.5	114.0	161.1	-94.1	-391.5	-460.1	-198.5	-346.8	-439.7
Government nie	446.4	407.4	404.7	358.5	170.8	195.8	198.6	165.2	77.4	73.5
Other Transportation and Services nie	454.2	479.3	557.3	533.1	1,673.2	2,133.7	3,488.9	4,611.7	4,278.7	3,945.1
B Transfer Payments (Net)	-40.9	-39.1	-23.6	-35.5	6.4	-10.1	-95.1	-92.3	-121.1	-119.4
Current Account Balance	-408.2	-585.3	-1,750.8	-2,205.4	-1,438.3	-1,404.9	-2,699.5	-1,432.8	-1,744.9	-1,359.9
C Capital (Net)	463.7	49.2	532.6	878.7	1,112.3	1,772.1	1,217.6	1,374.4	2,097.7	1,499.9
Non-Monetary Sector (net) ¹	348.3	224.6	429.1	482.0	749.9	1,179.6	1,638.3	1,586.2	1,892.0	1,289.0
Private	199.8	196.0	349.9	406.5	562.7	1,153.0	1,637.2	1,565.3	1,791.3	992.7
Official	148.5	28.6	79.2	75.5	187.2	26.6	1.1	20.9	100.7	296.3
Monetary Sector (net)	115.4	-175.4	103.5	396.7	362.4	592.5	-420.7	-211.8	205.7	210.9
Commercial Banks: Foreign Assets	-8.6	-121.3	-13.8	-210.2	-212.7	-450.5	-385.5	-464.1	-855.2	-636.0
Foreign Liabilities	124.0	-54.1	117.3	606.9	575.1	1,043.0	-35.2	252.3	1,060.9	846.9
D Balancing Item	608.0	828.5	1,783.0	2,301.5	1,271.0	638.0	2,200.3	1,024.8	384.6	577.4
E Overall Balance (A + B + C + D)	663.5	292.4	564.8	974.8	945.0	1,005.2	718.4	966.4	737.4	717.4
F Reserves (Net) ¹	-663.5	-292.4	-564.8	-974.8	-945.0	-1,005.2	-718.4	-966.4	-737.4	-717.4
IMF Accounts	-	-	-	-5.3	-	-	-	-	-	-
Monetary Authorities ²	-48.8	-103.7	-148.3	-770.6	-794.9	-740.5	-946.8	-1,560.7	-2,088.2	-1,237.3
Government	-614.7	-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 17.2% 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 24% 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 77% 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 \$7 million worth of them in 1977.

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 60,205 tonnes of fish consumed in 1977, 15,105 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 or 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 wellknown for her aquarium fish production. The value of aquarium fish exported in 1977 reached \$25.1 million.

5.1 PRODUCTION OF PRINCIPAL CROPS

Year	Vegetables	Fruits ¹	Rubber	Tobacco	Cocoanuts
	Tonnes				Million Nuts
1967	40,844	..	1,686	398	11
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

¹ Figures have been revised and are available from 1968.

Source: Department of Primary Production

5.2 LIVESTOCK SLAUGHTERED

Year	Swine	Sheep	Oxen	Buffaloes	Number
					Goats
1967	437,204	94,750	6,352	4,870	1,679
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

Source: Department of Primary Production

5.3 FRESH FISH LANDED AND AUCTIONED

Tonnes					
Year	Local Production	Imports	Exports	Total Availability	Fish Auctioned
1967	18,208	43,506	3,098	56,616	10,092
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

Source: Department of Primary Production

5.4 FISHING VESSELS LICENSED
(End of period)

Year	Fishing Vessels				Number
	Total	Non-Powered	Powered		Licensed Fishermen
			Inboard	Outboard	
1967	1,722	990	255	477	4,148
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

Source: Department of Primary Production

6. INDUSTRIAL PRODUCTION

Census of Industrial Production

Censuses of manufacturing establishments employing ten or more workers in the private and public sectors are 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 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: All persons engaged directly or indirectly in the industrial activity of the establishment are considered as workers, that is, all employees, working proprietors,

and unpaid family workers.

Employees: Employees include (i) all workmen — Skilled, semi-skilled and unskilled — employed directly in the process of production, and (ii) other workers — 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 revised 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. Granite quarrying, production of electricity and gas, and construction activity are not covered by the index.

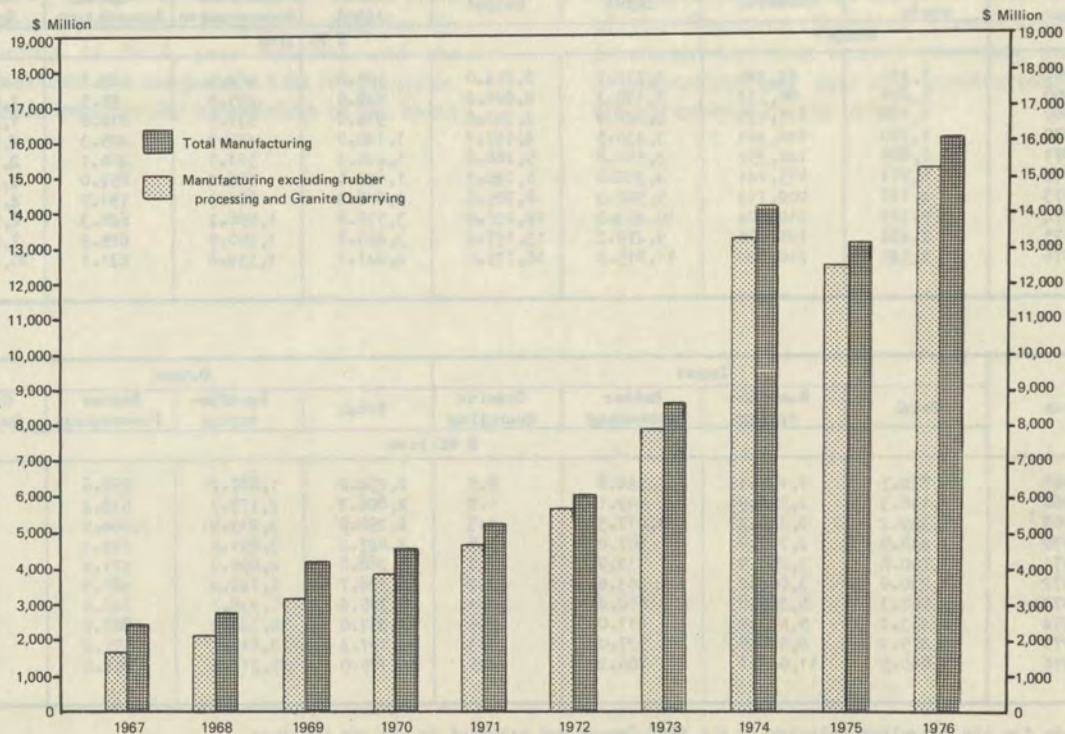
6.1 PRINCIPAL STATISTICS OF INDUSTRIAL PRODUCTION
(Establishments engaging 10 or more workers)

Year	Establishments	Workers	Input	Output	Value Added	Employees' Remuneration	Capital Expenditure	Direct Exports
	Number		\$ Million					
1967	1,236	63,195	1,732.7	2,254.0	509.8	182.9	86.1	912.1
1968	1,626	80,533	2,138.3	2,806.2	648.9	225.9	95.5	1,013.5
1969 ¹	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

Year	Input				Output			
	Total	Manufacturing	Rubber Processing	Granite Quarrying	Total	Manufacturing	Rubber Processing	Granite Quarrying
	\$ Million							
1967	1,732.7	1,197.1	534.8	0.9	2,254.0	1,687.2	558.6	8.1
1968	2,138.3	1,544.9	592.1	1.2	2,806.2	2,175.7	619.4	11.1
1969 ¹	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

¹ Data for the petroleum industry in the 1969 Census was extended to include blending activity, which accounted for about 28 per cent of the increase in output.

INDUSTRIAL PRODUCTION – OUTPUT OF MANUFACTURING INDUSTRIES



6.2 PRINCIPAL STATISTICS OF INDUSTRIAL PRODUCTION BY INDUSTRIAL ACTIVITY, 1976
(Establishments engaging 10 or more workers)

Industrial Activity	Establishments	Workers	Input	Output	Value Added	Employees' Remuneration	Capital Expenditure	Direct Exports
	Number		\$ Million					
Total Manufacturing	2,505	207,234	11,043.1	15,317.4	3,961.8	1,309.8	618.7	9,575.9
Rubber Processing	19	2,641	768.2	814.0	45.6	15.1	2.1	584.5
Total Manufacturing including Rubber Processing	2,524	209,875	11,811.4	16,131.4	4,007.4	1,324.9	620.8	10,160.4
Granite Quarrying	21	947	4.5	43.6	33.7	7.7	10.3	0.1
Total Manufacturing including Quarrying	2,545	210,822	11,815.9	16,175.0	4,041.1	1,332.6	631.1	10,160.5

6.3 PRINCIPAL STATISTICS OF INDUSTRIAL PRODUCTION BY MAJOR INDUSTRY GROUP, 1976 AND 1977
(Establishments engaging 10 or more workers)

Million Dollars

Industrial Code	Industry (Major Group)	1976				1977 (Preliminary Forecast)			
		Input	Output	Value Added	Employees' Remuneration	Input	Output	Value Added	Employees' Remuneration
311 & 312	Food	778.8	938.0	157.5	51.8	884.7	1,048.3	161.8	56.8
313	Beverages	83.8	150.7	66.9	22.9	91.6	163.2	71.6	23.5
314	Tobacco products	118.9	153.6	34.7	9.5	130.4	162.5	32.1	9.2
321	Textiles	233.2	359.9	117.2	56.0	225.9	356.3	118.9	53.6
322	Wearing apparel, except footwear	260.7	406.5	136.0	69.9	253.6	394.2	131.1	72.1
323	Leather and products of leather and leather substitutes, except footwear and wearing apparel	22.0	31.1	9.0	4.0	27.7	40.3	12.6	5.2
324	Footwear	22.1	33.9	11.5	7.9	18.4	27.4	8.8	8.5
331	Sawmills and wood products, except furniture	289.3	421.9	129.0	48.8	294.7	436.4	137.5	53.6
332	Furniture and fixtures, except primarily of metal	31.7	61.5	26.8	14.8	37.1	68.5	28.1	16.6
341	Paper and paper products	73.7	114.8	39.9	16.0	82.8	130.8	46.7	17.3
342	Printing, publishing and allied industries	106.8	290.2	145.9	61.7	122.8	329.9	164.9	67.3
351	Industrial chemicals	146.7	195.8	49.0	12.9	160.6	210.4	49.7	13.9
352	Other chemical products	157.0	311.9	154.6	30.0	167.2	364.7	180.5	34.8
353 & 354	Petroleum refining and petroleum products	5,420.2	6,118.8	698.5	67.2	6,746.8	7,530.0	783.2	80.7
355	Processing of natural gums, excluding rubber processing	14.3	16.4	2.1	1.0	18.3	20.6	2.3	1.1
356	Rubber products, except footwear	31.3	57.8	26.4	9.9	35.2	63.2	27.9	10.3
357	Other plastic products	119.8	173.3	52.2	24.8	118.9	173.5	53.7	26.8

6.3 PRINCIPAL STATISTICS OF INDUSTRIAL PRODUCTION BY MAJOR INDUSTRY GROUP, 1976 AND 1977 (continued)
(Establishments engaging 10 or more workers)

Million Dollars

Industrial Code	Industry (Major Group)	1976				1977 (Preliminary Forecast)			
		Input	Output	Value Added	Employees' Remuneration	Input	Output	Value Added	Employees' Remuneration
361 & 362	Pottery, china, earthenware and glass products	22.2	35.6	13.3	6.5	22.1	36.3	14.0	7.0
363	Structural clay products	7.3	20.2	12.4	5.4	7.6	19.8	11.9	5.5
364	Cement and cement additives	113.9	163.6	49.6	5.4	108.2	152.1	43.9	5.5
365	Structural cement and concrete products	44.7	64.4	19.6	6.8	35.3	53.3	17.8	6.6
369	Non-metallic mineral products, n.e.c.	46.1	85.0	38.7	14.4	58.4	107.6	48.9	15.1
371	Iron and steel basic industries	96.1	149.4	53.1	13.2	82.4	132.6	50.2	14.1
372	Non-ferrous metal basic industries	26.6	33.8	7.2	1.1	26.8	34.1	7.3	1.2
381	Fabricated metal products, except machinery and equipment	290.4	478.1	169.3	75.7	338.9	535.8	177.0	84.5
382	Machinery, except electrical	274.4	602.5	292.1	113.1	289.8	639.2	320.2	121.1
383	Electrical machinery and appliances	1,435.9	2,129.3	684.3	245.9	1,772.0	2,686.4	902.2	283.1
384	Transport equipment	548.4	1,349.5	628.1	254.0	554.5	1,313.2	595.9	259.4
385	Scientific equipment and optical goods	103.9	193.2	88.9	39.2	94.0	217.0	122.5	42.1
390	Other industries	122.8	176.6	47.7	20.3	135.0	194.9	53.3	21.9
	Total manufacturing excluding rubber processing	11,043.1	15,317.4	3,961.8	1,309.8	12,941.7	17,642.5	4,376.5	1,418.4
	Rubber processing	768.2	814.0	45.6	15.1	770.8	813.0	42.2	15.2
	Total manufacturing including rubber processing	11,811.4	16,131.4	4,007.4	1,324.9	13,712.5	18,455.5	4,418.7	1,433.6
	Granite quarrying	4.5	43.6	33.7	7.7	4.8	40.1	30.5	7.9
	TOTAL	11,815.9	16,175.0	4,041.1	1,332.6	13,717.3	18,495.6	4,449.2	1,441.5

6.4 WORKERS ENGAGED IN MANUFACTURING BY MAJOR GROUP AND OCCUPATIONAL STATUS, JUNE 1976
(Establishments engaging 10 or more workers)

Industrial Code	Industry (Major Group)	All Workers	Employees			Number
			Total	Workmen	Other Workers	Working Pro- priators and Unpaid Family Workers
311 & 312	Food	8,567	8,233	5,909	2,324	334
313	Beverages	2,639	2,636	1,775	861	3
314	Tobacco products	1,179	1,169	792	377	10
321	Textiles	11,620	11,585	10,049	1,536	35
322	Wearing apparel, except footwear	20,690	20,365	18,163	2,202	325
323	Leather and products of leather and leather substitutes, except foot- wear and wearing apparel	968	929	791	138	39
324	Footwear	1,738	1,695	1,341	354	43
331	Sawmills and wood products, except furniture	8,769	8,636	7,259	1,377	133
332	Furniture and fixtures, except primarily of metal	2,950	2,881	2,355	526	69
341	Paper and paper products	3,617	3,545	2,889	656	72
342	Printing, publishing and allied industries	9,082	8,810	6,393	2,417	272
351	Industrial chemicals	1,408	1,403	846	557	5
352	Other chemical products	3,484	3,447	1,912	1,535	37
353 & 354	Petroleum refining and petroleum products	3,167	3,167	1,244	1,923	-
355	Processing of natural gums, excluding rubber processing	164	160	98	62	4
356	Rubber products, except footwear	1,479	1,464	1,071	393	15
357	Other plastic products	5,475	5,390	4,435	955	85

6.4 WORKERS ENGAGED IN MANUFACTURING BY MAJOR GROUP AND OCCUPATIONAL STATUS, JUNE 1976 (continued)
(Establishments engaging 10 or more workers)

Industrial Code	Industry (Major Group)	All Workers	Employees			Number
			Total	Workmen	Other Workers	Working Pro- priators and Unpaid Family Workers
361 & 362	Pottery, china, earthenware and glass products	723	711	514	197	12
363	Structural clay products	901	901	771	130	-
364	Cement and cement additives	605	605	383	222	-
365	Structural cement and concrete products	1,125	1,102	903	199	23
369	Non-metallic mineral products, n.e.c.	1,735	1,732	1,349	383	3
371	Iron and steel basic industries	1,359	1,341	931	410	18
372	Non-ferrous metal basic industries	139	137	102	35	2
381	Fabricated metal products, except machinery and equipment	11,533	11,345	9,101	2,244	188
382	Machinery, except electrical	15,448	15,269	11,517	3,752	179
383	Electrical machinery and appliances	47,060	47,039	39,224	7,815	21
384	Transport equipment	27,697	27,592	21,485	6,107	105
385	Scientific equipment and optical goods	7,382	7,380	5,924	1,456	2
390	Other industries	4,531	4,475	3,679	796	56
	Total manufacturing excluding rubber processing	207,234	205,144	163,205	41,939	2,090
	Rubber processing	2,641	2,638	2,174	464	3
	Total manufacturing including rubber processing	209,875	207,782	165,379	42,403	2,093
	Granite quarrying	947	942	727	215	5
	TOTAL	210,822	208,724	166,106	42,618	2,098

6.5 MANUFACTURING ESTABLISHMENTS BY MAJOR GROUP AND SIZE OF EMPLOYMENT, 1976
(Establishments engaging 10 or more workers)

Industrial Code	Industry (Major Group)	Total	Establishments Employing				Number
			10 - 29 Workers	30 - 49 Workers	50 - 99 Workers	100 Workers and Over	
311 & 312	Food	234	158	33	25	18	
313	Beverages	14	5	-	3	6	
314	Tobacco products	9	3	2	2	2	
321	Textiles	72	24	7	15	26	
322	Wearing apparel, except footwear	258	152	41	27	38	
323	Leather and products of leather and leather substitutes, except foot- wear and wearing apparel	30	21	3	5	1	
324	Footwear	38	24	5	6	3	
331	Sawmills and wood products, except furniture	132	72	31	19	10	
332	Furniture and fixtures, except primarily of metal	64	38	9	13	4	
341	Paper and paper products	79	36	16	19	8	
342	Printing, publishing and allied industries	222	165	31	11	15	
351	Industrial chemicals	25	12	4	5	4	
352	Other chemical products	86	49	20	11	6	
353 & 354	Petroleum refining and petroleum products	11	2	1	1	7	
355	Processing of natural gums, excluding rubber processing	6	3	3	-	-	
356	Rubber products, except footwear	27	15	4	6	2	
357	Other plastic products	139	85	20	23	11	

6.5 MANUFACTURING ESTABLISHMENTS BY MAJOR GROUP AND SIZE OF EMPLOYMENT, 1976 (continued)
(Establishments engaging 10 or more workers)

Number

Industrial Code	Industry (Major Group)	Total	Establishments Employing			
			10 - 29 Workers	30 - 49 Workers	50 - 99 Workers	100 Workers and Over
361 & 362	Pottery, china, earthenware and glass products	11	6	3	1	1
363	Structural clay products	12	2	4	4	2
364	Cement and cement additives	7	2	1	2	2
365	Structural cement and concrete products	26	14	6	3	3
369	Non-metallic mineral products, n.e.c.	21	11	2	4	4
371	Iron and steel basic industries	14	8	2	3	1
372	Non-ferrous metal basic industries	5	4	-	1	-
381	Fabricated metal products, except machinery and equipment	237	146	40	30	21
382	Machinery, except electrical	245	156	28	32	29
383	Electrical machinery and appliances	173	57	24	28	64
384	Transport equipment	183	90	36	18	39
385	Scientific equipment and optical goods	36	17	4	5	10
390	Other industries	89	54	18	11	6
	Total manufacturing excluding rubber processing	2,505	1,431	398	333	343
	Rubber processing	19	5	2	4	8
	Total manufacturing including rubber processing	2,524	1,436	400	337	351
	Granite quarrying	21	7	8	5	1
	TOTAL	2,545	1,443	408	342	352

6.6 MANUFACTURING ESTABLISHMENTS BY MAJOR GROUP AND VALUE OF OUTPUT, 1976
(Establishments engaging 10 or more workers)

Industrial Code	Industry (Major Group)	Total	Establishments with Output of				Number
			Less than \$250,000	\$250,000- 499,999	\$500,000- 999,999	\$1,000,000 and Over	
311 & 312	Food	234	45	67	31	91	
313	Beverage	14	1	1	3	9	
314	Tobacco products	9	3	1	1	4	
321	Textiles	72	12	11	13	36	
322	Wearing apparel, except footwear	258	95	62	46	55	
323	Leather and products of leather and leather substitutes, except foot- wear and wearing apparel	30	10	8	5	7	
324	Footwear	38	12	9	8	9	
331	Sawmills and wood products, except furniture	132	18	17	30	67	
332	Furniture and fixtures, except primarily of metal	64	16	17	15	16	
341	Paper and paper products	79	12	20	18	29	
342	Printing, publishing and allied industries	222	83	69	35	35	
351	Industrial chemicals	25	1	1	4	19	
352	Other chemical products	86	10	18	10	48	
353 & 354	Petroleum refining and petroleum products	11	-	-	-	11	
355	Processing of natural gums, excluding rubber processing	6	-	2	-	4	
356	Rubber products, except footwear	27	4	7	8	8	
357	Other plastic products	139	27	34	29	49	

6.6 MANUFACTURING ESTABLISHMENTS BY MAJOR GROUP AND VALUE OF OUTPUT, 1976 (continued)
(Establishments engaging 10 or more workers)

Industrial Code	Industry (Major Group)	Total	Establishments with Output of				Number
			Less than \$250,000	\$250,000- 499,999	\$500,000- 999,999	\$1,000,000 and Over	
361 & 362	Pottery, china, earthenware and glass products	11	4	2	1	4	
363	Structural clay products	12	-	1	4	7	
364	Cement and cement additives	7	-	-	1	6	
365	Structural cement and concrete products	26	1	8	5	12	
369	Non-metallic mineral products, n.e.c.	21	5	2	3	11	
371	Iron and steel basic industries	14	3	5	2	4	
372	Non-ferrous metal basic industries	5	-	1	1	3	
381	Fabricated metal products, except machinery and equipment	237	48	51	48	90	
382	Machinery, except electrical	245	62	57	48	78	
383	Electrical machinery and appliances	173	24	22	28	99	
384	Transport equipment	183	27	38	41	77	
385	Scientific equipment and optical goods	36	6	7	7	16	
390	Other industries	89	18	15	17	39	
	Total manufacturing excluding rubber processing	2,505	547	553	462	943	
	Rubber processing	19	1	-	1	17	
	Total manufacturing including rubber processing	2,524	548	553	463	960	
	Granite quarrying	21	2	1	2	16	
	TOTAL	2,545	550	554	465	976	

6.7 VOLUME OF OUTPUT OF SELECTED MANUFACTURED PRODUCTS
(Establishments engaging 10 or more workers)

Year	Biscuits	Bread	Cigarettes	Soap	Bee Hoon (Vermicelli)	Mee (Noodles)	Processed Rattan	Coconut Oil, Crude	Cooking Oil and Coconut Oil, Refined	Ice	Sawn Timber	News- papers	Bricks
Metric Tons											'000 Cu M	'000 Copies	'000 Pieces
1967	9,581	17,682	3,011	11,536	1,210	2,299	8,771	29,944	29,036	147,335	537	98,038	67,864
1968	10,406	19,973	2,719	12,849	1,210	2,541	9,739	42,405	29,944	146,318	692	82,068	74,633
1969	10,445	19,342	2,570	16,058	1,875	2,359	9,618	30,548	28,371	145,302	749	87,044	79,939
1970	11,573	17,656	2,867	18,576	2,117	2,541	10,163	34,238	34,601	163,592	796	100,400	76,996
1971	12,857	17,187	2,630	21,031	3,932	3,025	10,828	33,331	36,114	160,544	657	110,642	79,827
1972	11,936	17,710	2,841	22,325	5,174	3,399	11,254	30,656	35,995	161,570	728	124,233	77,436
1973	10,575	14,592	3,252	24,264	4,549	3,948	10,335	19,111	32,762	145,515	824	131,314	91,511
1974	8,156	15,074	3,404	21,013	4,188	3,672	14,006	12,044	31,294	136,238	500	135,146	96,796
1975	9,121	15,739	3,296	18,503	3,857	3,876	10,316	19,543	35,315	138,400	381	144,712	80,673
1976	9,009	13,932	3,143	26,993	4,314	4,986	13,635	24,697	45,252	136,310	443	173,355	92,377

6.8 VALUE OF OUTPUT OF SELECTED MANUFACTURED PRODUCTS
(Establishments engaging 10 or more workers)

Thousand Dollars

Commodities	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976
Biscuits	8,531	9,184	9,549	10,662	12,425	12,736	11,478	13,239	17,267	17,580
Bread	8,021	8,542	8,257	7,956	8,111	8,847	10,927	15,461	15,713	13,822
Cakes	3,304	3,911	3,896	4,601	4,689	4,494	4,673	6,195	8,963	8,465
Bee Hoon (Vermicelli)	744	768	943	1,234	2,351	3,550	5,017	4,577	4,017	4,436
Mee (Noodles)	1,098	1,187	1,177	1,240	2,074	3,002	4,308	5,618	6,043	7,201
Soya Bean Sauce	2,999	3,796	3,795	3,855	4,069	4,187	5,367	6,480	6,111	6,556
Ice	2,574	2,531	2,495	2,808	2,828	2,992	3,035	3,479	3,582	3,429
Carbonated Drinks	15,848	19,081	20,934	24,224	27,022	28,909	26,958	39,462	52,305	61,731
Cigarettes	90,389	85,491	88,382	95,072	91,472	100,455	127,342	140,149	141,740	149,318
Sawn Timber	54,945	75,257	88,909	97,235	76,282	101,912	173,576	90,038	67,333	94,172
Processed Rattan	7,216	7,820	8,560	9,894	10,549	11,516	12,191	16,495	13,750	17,522
Paper Boxes	4,717	5,692	6,736	8,242	8,655	10,567	14,384	18,534	16,753	15,998
Newspapers	12,228	10,323	10,489	12,179	17,233	17,031	18,424	31,867	28,754	31,483
Coconut Oil, Crude	23,636	37,935	25,729	31,019	27,747	18,206	20,199	26,961	20,099	24,521
Cooking Oil and Coconut Oil, Refined	27,114	30,283	27,247	36,878	36,308	30,908	52,193	76,085	49,963	62,709
Soap	9,586	9,142	10,909	15,037	16,779	18,470	21,634	25,914	24,752	32,421
Bricks	4,832	5,807	6,458	6,564	7,750	8,582	10,631	14,555	12,824	14,896
Tin Cans	31,634	28,315	32,848	40,481	42,393	41,021	45,246	58,703	67,289	74,602

6.9 QUARTERLY INDEX OF INDUSTRIAL PRODUCTION

(Base Year 1974 = 100)

Industrial Code	Industry (Major Group)	Weights	1976				1977			
			1st Qr	2nd Qr	3rd Qr	4th Qr	1st Qr	2nd Qr	3rd Qr	4th Qr*
311 & 312	Food	41.7	94.7	94.8	98.6	109.7	121.4	111.7	111.2	137.3
313	Beverage	12.9	108.7	111.2	120.7	113.9	107.9	124.1	134.6	129.0
314	Tobacco products	11.9	92.0	85.5	88.8	92.4	95.5	91.5	94.3	99.4
321	Textiles	24.3	109.0	115.4	119.0	129.9	127.5	121.6	97.0	130.5
322	Wearing apparel, except footwear	22.4	97.3	105.2	91.8	100.2	85.3	92.8	82.4	106.7
323	Leather and products of leather and leather substitutes, except footwear and wearing apparel	1.7	113.7	92.0	102.7	133.2	115.5	168.9	139.2	127.6
324	Footwear	2.6	97.6	100.8	90.4	76.1	54.3	64.5	70.9	72.0
331	Sawmills and wood products, except furniture	27.5	104.7	108.2	107.5	102.1	82.0	95.0	99.0	97.8
332	Furniture and fixtures, except primarily of metal	5.5	92.2	96.9	113.6	102.1	103.3	100.2	127.3	147.6
341	Paper and paper products	10.3	91.7	109.0	110.2	114.7	104.3	124.9	123.7	123.2
342	Printing, publishing and allied industries	34.2	97.8	96.8	116.3	111.5	106.5	114.1	127.3	138.9
351	Industrial chemicals	12.6	99.9	127.5	133.1	136.2	109.6	124.4	134.7	140.7
352	Other chemical products	33.3	114.1	107.8	139.4	145.2	152.2	137.4	148.3	182.5
353 & 354	Petroleum refining and petroleum products	245.1	78.0	78.8	96.8	92.8	87.5	108.5	97.4	100.3
355	Processing natural gums, excluding rubber processing	0.6	110.7	92.8	100.1	126.6	121.5	127.0	141.6	111.7
356	Rubber products, except footwear	6.6	97.1	94.1	81.9	91.5	91.4	92.3	105.9	113.8
357	Other plastic products	13.2	114.0	129.4	133.9	167.9	141.0	124.6	122.3	157.7

6.9 QUARTERLY INDEX OF INDUSTRIAL PRODUCTION (continued)
(Base Year 1974 = 100)

Industrial Code	Industry (Major Group)	Weights	1976				1977			
			1st Qr	2nd Qr	3rd Qr	4th Qr	1st Qr	2nd Qr	3rd Qr	4th Qr*
361 & 362	Pottery, china, earthenware and glass products	3.9	85.5	83.7	62.9	89.1	83.0	66.2	71.0	106.8
363	Structural clay products	4.2	72.5	95.4	88.0	99.6	87.0	98.6	78.2	97.1
364	Cement and cement additives	8.7	146.6	150.4	142.9	135.4	131.3	129.8	126.7	140.2
365	Structural cement and concrete products	3.3	99.2	107.4	104.2	103.0	84.0	98.1	100.1	98.0
369	Non-metallic mineral products, n.e.c.	10.1	124.7	125.2	119.9	107.1	85.4	115.7	226.6	392.8
371	Iron and steel basic industries	28.1	107.5	123.5	122.0	120.4	105.8	121.2	121.5	129.9
372	Non-ferrous metal basic industries	3.6	75.3	93.6	94.0	88.0	76.7	87.9	96.6	86.5
381	Fabricated metal products, except machinery and equipment	41.3	78.5	82.7	85.1	88.9	82.8	89.3	97.5	98.8
382	Machinery, except electrical	76.3	137.7	125.8	98.8	108.2	120.8	119.4	149.7	149.7
383	Electrical machinery and appliances	142.2	116.2	145.2	158.9	163.0	155.7	174.9	183.3	183.8
384	Transport equipment	151.6	111.7	105.7	120.4	130.7	98.1	108.4	112.6	105.4
	Other industries	20.3	129.3	147.9	167.9	167.2	144.5	168.6	168.9	133.1
	TOTAL MANUFACTURING EXCLUDING RUBBER PROCESSING	1,000.0	102.4	107.0	115.7	118.9	109.7	120.8	124.2	130.0

Notes: The industries are classified according to the Singapore Standard Industrial Classification of All Economic Activities, 1969.

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

6.10 PRINCIPAL STATISTICS OF PIONEER MANUFACTURING ESTABLISHMENTS
(End of period)

Year	In Production					Under Implementation			
	Establish- ments	Employed	Output	Paid-Up Capital	Capital Outlay	Establish- ments	Employed	Paid-Up Capital	Capital Outlay
	Number		Million Dollars			Number		Million Dollars	
1967	159	16,095	649	207	377	75	231	16	16
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	92,710	10,453	1,505	3,823	16	594	19	48

Source: Economic Development Board

6.11 PRINCIPAL STATISTICS OF PIONEER MANUFACTURING ESTABLISHMENTS BY INDUSTRY GROUP, 1977

(End of period)

Industry Group	In Production						Under Implementation			
	Estab- lish- ments	Employed	Output	Value Added	Gross Fixed Assets	Paid-Up Capital	Estab- lish- ments	Employed	Gross Fixed Assets	Paid-Up Capital
	Number		Million Dollars				Number		Million Dollars	
Total	323	92,710	10,453	1,929	3,823	1,505	16	594	48	19
Food and Beverages	24	2,503	463	75	148	128	-	-	-	-
Textiles and Garments	33	13,717	347	113	252	148	-	-	-	-
Wood and Cork Products	9	3,853	170	82	120	57	1	32	4	2
Paper and Paper Products	4	506	26	9	20	14	-	-	-	-
Leather and Rubber Products	7	1,131	43	18	43	23	-	-	-	-
Basic Industrial Chemicals	10	517	116	35	36	30	-	-	-	-
Other Chemical Products, except Plastic	22	1,653	119	30	79	53	-	-	-	-
Petroleum and Petroleum Products	10	3,235	6,373	519	1,668	373	-	-	-	-
Non-metallic Mineral Products	12	986	100	16	63	38	-	-	-	-
Basic Metal Industries	8	1,841	186	47	134	46	3	58	6	3
Metal Products and Mechanical Engineering	66	12,164	515	218	403	234	6	193	26	4
Electrical and Electronic Products	63	35,248	1,512	522	386	147	3	257	8	8
Transport Equipment	7	3,119	156	92	203	49	-	-	-	-
Plastic Products	16	1,206	44	13	45	36	2	51	3	2
Miscellaneous	32	11,031	283	140	223	129	1	3	1	-

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, 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 installed capacity at Jurong Power Station remained at 600 megawatt (MW) throughout 1977 and it contributed 52% of total units generated. As the output of the new Senoko Power Station has increased, that of the less efficient Pasir Panjang 'A' Power Station was reduced further, resulting in a system gross thermal efficiency of 32.7%. The total generating capacity of the Board's Power Stations remained at 1,390 MW in 1977. The system Maximum Demand increased to 872 MW.

Construction work had progressed satisfactorily on the \$500 million Senoko Power Station Stage II project, consisting of three 250 MW units, which

will cater for demand in the early eighties; civil engineering works were nearly completed while installation work was well advanced. The first 250 MW unit is expected to be commissioned in the first quarter of 1979.

A network of 230kV, 66kV, 22kV, 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. During 1977, a total of 749 kilometres (km) of cables were added to the system bringing the total to 28,177 km; 195 new substations were commissioned bringing the total to 2,239 substations, while the total transformer capacity was increased by 1,434.625 megavoltamperes (MVA) to 7,469.475 MVA. The total number of consumers increased to 455,954 while their consumption increased to 4,506.4 million kilowatt-hours (kWh).

With the commissioning of the Ayer Rajah 230/66kV substation in October 1977, the 230kV transmission ring, comprising Senoko Power Station and Chua Chu Kang, Ayer Rajah and Kallang Basin 230kV substations, was completed.

Gas

Gas is produced by ten catalytic reformers at the Kallang Gasworks, which has an installed capacity of 0.71 million cubic metres per day. The gas which is stored in the gas holders in Kallang and in Queenstown is used to supplement the demand during the peak periods. There is a total of 1187 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 this 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 4 impounding reservoirs in Johore and 6 impounding reservoirs in Singapore.

The total maximum storage capacity of the 10 impounding reservoirs is 102.1 million cubic metres. After purification and treatment, water is distributed to consumers from 7 service reservoirs in the Republic.

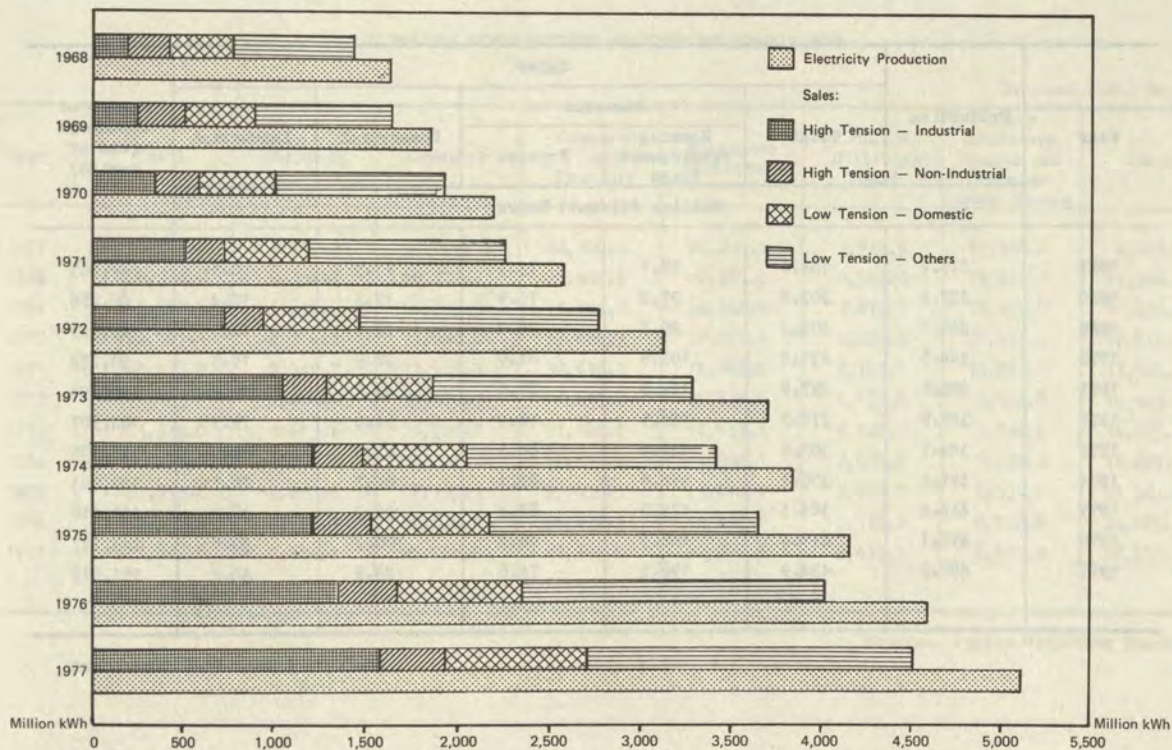
7.1 ELECTRICITY PRODUCTION AND SALES

Million Kilowatt Hours

Year	Production	Sales						
		Total	Low Tension				High Tension	
			Domestic	Enter- tainment	Public Lighting	Non- Domestic	Industrial	Non- Industrial
1967	1,424.5	1,238.6	345.4	4.3	23.3	496.6	184.7	184.3
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

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						
1967	217.7	181.6	88.1	73.1	11.9	8.5	76,665
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

Source: Public Utilities Board

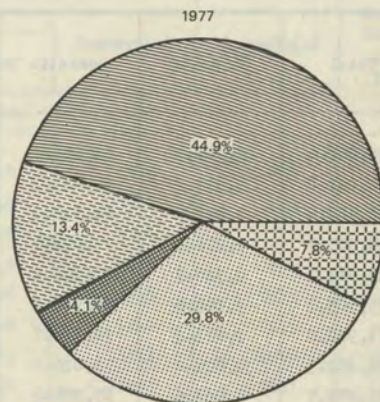
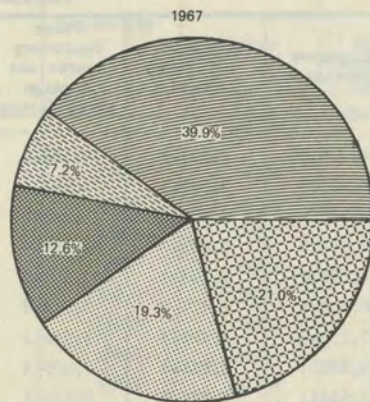
7.3 WATER CONSUMPTION BY TYPE OF CONSUMERS

Thousand Cubic Metres

Year	Total	Shipping	Domestic	Commerce and Industry	Singapore Government	Public Utilities Board	Other Statutory Boards and Foreign Armed Forces	Johore
1967	136,968.6	2,182.2	54,656.1	24,200.2	26,200.0	2,533.9	17,306.6	9,889.6
1968	150,247.8	2,327.7	60,243.7	28,446.5	26,409.5	2,532.5	19,083.1	11,204.8
1969	156,588.5	1,838.9	66,139.9	31,866.1	24,468.9	2,673.5	18,178.8	11,422.4
1970	165,505.7	2,276.9	71,024.0	35,718.3	22,752.9	2,683.3	18,487.4	12,562.9
1971	161,017.7	2,346.7	71,546.4	38,616.1	18,888.0	2,151.1	13,921.1	13,548.3
1972	175,503.7	2,406.6	78,970.3	46,699.8	20,626.5	2,177.0	8,519.8	16,103.7
1973	174,949.0	2,673.4	76,726.7	51,186.7	17,537.3	2,127.3	7,720.2	16,977.4
1974	176,482.3	2,805.1	78,826.1	52,118.4	13,800.1	2,846.8	7,425.3	18,660.5
1975	192,655.5	3,063.6	87,295.2	55,036.5	13,614.1	3,772.7	8,531.7	21,341.7
1976	199,465.8	2,776.1	89,830.9	56,219.2	13,563.6	3,928.2	8,522.6	24,625.2
1977	211,844.6	2,683.6	95,038.5	60,382.5	12,921.8	3,639.3	8,661.9	28,517.0

Source: . Public Utilities Board

WATER CONSUMPTION — 1967 AND 1977



8. BUILDING CONSTRUCTION AND HOUSING

Building Construction

Basic information on building and construction for the private sector is obtained from the Building Control Division of the Public Works Department. The Department of Statistics undertakes the verification of data and collection of supplementary details directly from architects and developers. For the public sector, similar information is compiled from monthly returns submitted to the Department of Statistics.

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 1977, 56 percent 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 acquires land for public housing, clears designated areas for redevelopment, and resettles families, shopkeepers and farmers on State Lands needed for development projects such as public housing, urban renewal, airport expansion and road schemes.

Two new towns at Queenstown and Toa Payoh have been completed and the third new town at Telok Blangah is nearing completion. Under the Board's Fourth Five-Year Building Programme, another four new towns are under development at Woodlands, Bedok, Ang Mo Kio and Clementi.

The estate management is on a decentralised basis with 21 Area Offices located within the various estates throughout Singapore. Rentals and instalment payments for HDB flats are collected

by Area Offices. Shops are premises generally located on the ground floor and are allocated by public tenders for the purpose of carrying on trade or business.

Housing units managed by the Board are

classified according to the number of rooms in each flat. For this purpose, a living room or dining room space is also counted as a room in addition to the bedrooms. All units have, in addition, kitchen space and bathroom/toilet facilities.

**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
1967	21,764	1,657	235.1	23,690	2,091	294.8	17,396	1,364	145.0
1968	16,765	1,980	331.5	22,487	2,583	453.9	17,968	1,488	173.2
1969	12,664	2,012	413.5	17,986	2,987	678.3	17,165	1,608	188.9
1970	20,246	2,481	478.0	22,343	3,649	901.9	15,889	1,819	253.8
1971	32,820	4,611	884.6	34,326	6,062	1,450.5	20,837	2,198	338.0
1972	33,516	4,276	747.4	42,312	7,290	1,702.4	25,530	3,049	495.2
1973	28,022	4,179	943.2	45,167	7,963	2,020.4	25,167	3,505	626.0
1974	28,819	4,735	1,248.7	42,180	8,784	2,462.5	31,806	3,914	806.1
1975	49,987	7,005	1,818.5	59,846	10,753	3,085.9	32,321	5,035	1,203.1
1976	34,789	5,450	1,397.1	59,466	10,974	3,138.3	35,169	5,228	1,357.5
1977	36,102	5,502	1,643.3	62,276	11,383	3,517.0	33,292	5,092	1,278.9

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
1967	18,913	987	148.4	19,518	1,126	171.9	14,007	726	83.6
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	2,619	558.6	36,797	3,715	802.8	22,972	2,195	301.0
1974	25,447	3,222	722.4	33,437	4,534	1,163.6	28,807	2,403	361.2
1975	48,409	5,911	1,381.1	51,900	7,055	1,826.4	29,946	3,390	709.9
1976	32,968	4,049	865.5	51,994	7,196	1,780.9	32,874	3,908	909.2
1977	34,506	4,351	1,167.9	54,774	7,450	2,016.8	31,726	4,096	946.2

**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
1967	2,851	670	86.7	4,172	965	122.9	3,389	638	61.4
1968	2,375	1,008	224.6	4,407	1,329	264.4	2,440	644	84.2
1969	1,576	1,026	249.4	2,696	1,614	418.8	2,987	741	95.1
1970	2,630	1,450	342.2	3,373	2,284	634.8	1,953	780	127.0
1971	3,228	2,145	586.8	4,733	3,454	1,042.1	1,868	975	180.1
1972	4,483	1,794	397.2	7,321	3,999	1,156.6	1,895	1,250	282.9
1973	3,244	1,560	384.6	8,370	4,248	1,217.6	2,195	1,310	325.0
1974	3,372	1,513	526.3	8,743	4,250	1,298.9	2,999	1,511	444.9
1975	1,578	1,094	437.4	7,946	3,698	1,259.5	2,375	1,645	493.2
1976	1,821	1,401	531.6	7,472	3,778	1,357.4	2,295	1,320	448.3
1977	1,596	1,151	475.4	7,502	3,933	1,500.2	1,566	996	332.7

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										
1971	358	534	452	30,065	278	12	618	418	11	74
1972	274	935	1,440	29,366	447	8	533	399	15	99
1973	282	1,007	921	24,607	340	3	373	403	16	70
1974	147	525	607	26,591	416	1	142	263	35	92
1975	132	165	143	47,990	511	1	519	206	42	278
1976	69	76	178	32,153	562	112	706	829	16	88
1977	47	82	181	32,290	1,128	3	753	1,505	12	101
Public Sector										
1971	-	-	-	28,421	278	8	490	328	5	62
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	720	5	61
1977	-	-	-	31,278	1,127	-	668	1,350	12	71
Private Sector										
1971	358	534	452	1,644	-	4	128	90	6	12
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	607	1,751	46	-	62	204	11	19
1975	122	165	132	956	18	1	39	111	12	22
1976	69	76	178	1,249	-	1	101	109	11	27
1977	47	82	181	1,012	1	3	85	155	-	30

8.3 FLOOR AREA OF BUILDINGS COMMENCED

Thousand sq m

Year	Residential						Non-Residential			
	Bungalow	Semi-detached	Terrace	Flats	Shop-houses	Others	Commercial	Industrial	Educational	Others
Public and Private Sectors										
1971	122	132	87	2,416	35	6	1,074	601	40	98
1972	102	232	276	2,435	61	3	443	546	61	117
1973	113	254	184	2,219	52	-	270	777	107	203
1974	62	134	133	2,930	70	1	464	759	133	49
1975	47	49	26	4,978	85	1	704	609	156	350
1976	32	20	30	3,373	94	11	776	828	77	209
1977	20	21	35	3,391	211	4	615	647	102	456
Public Sector										
1971	-	-	-	2,028	35	2	121	197	10	73
1972	-	1	-	2,084	58	-	67	191	22	59
1973	1	-	-	1,997	46	-	119	207	77	172
1974	-	-	-	2,466	58	1	265	293	108	31
1975	3	-	1	4,774	82	-	432	182	126	311
1976	-	-	-	3,109	94	10	241	434	27	134
1977	-	-	-	3,182	211	-	256	251	102	349
Private Sector										
1971	122	132	87	388	-	4	953	404	30	25
1972	102	231	276	351	3	3	376	355	39	58
1973	112	254	184	222	6	-	151	570	30	31
1974	62	134	133	464	12	-	199	466	25	18
1975	44	49	25	204	3	1	272	427	30	39
1976	32	20	30	264	-	1	535	394	50	75
1977	20	21	35	209	-	4	359	396	-	107

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										
1971	402	808	635	31,325	278	5	602	209	10	52
1972	393	1,315	1,738	37,516	369	4	487	410	16	64
1973	477	1,878	2,037	39,250	532	1	464	433	21	74
1974	380	1,669	1,602	37,159	509	-	264	467	38	92
1975	338	1,456	1,156	55,082	658	-	632	341	58	125
1976	227	1,240	1,066	53,978	847	111	854	962	38	143
1977	221	1,016	1,072	55,282	1,379	4	1,452	1,705	18	127
Public Sector										
1971	-	-	-	28,799	278	2	433	38	4	39
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	745	23	94
1977	-	-	-	50,520	1,360	1	1,343	1,443	15	92
Private Sector										
1971	402	808	635	2,526	-	3	169	171	6	13
1972	393	1,313	1,738	3,479	10	3	250	105	7	23
1973	476	1,876	2,037	3,597	33	1	205	110	7	28
1974	380	1,669	1,602	4,569	79	-	178	225	10	31
1975	328	1,456	1,156	4,511	68	-	138	240	15	34
1976	227	1,240	1,066	4,469	55	-	134	217	15	49
1977	221	1,016	1,072	4,762	19	3	109	262	3	35

8.5 FLOOR AREA OF BUILDINGS UNDER CONSTRUCTION
(End of period)

Thousand sq m

Year	Residential						Non-Residential			
	Bungalow	Semi-detached	Terrace	Flats	Shop-houses	Others	Commercial	Industrial	Educational	Others
Public and Private Sectors										
1971	136	196	121	2,554	34	4	2,148	642	58	170
1972	145	322	328	3,387	51	6	2,022	712	81	236
1973	187	468	394	3,757	80	-	1,706	928	149	294
1974	160	421	336	4,385	87	-	1,681	1,228	231	255
1975	140	370	240	6,280	114	-	1,579	1,230	317	483
1976	102	309	217	6,230	147	10	1,693	1,491	211	564
1977	44	252	218	6,350	258	10	1,988	1,415	144	704
Public Sector										
1971	-	-	-	2,006	34	1	240	155	23	149
1972	-	1	-	2,583	48	-	183	276	22	178
1973	1	1	-	2,868	72	-	192	263	93	225
1974	-	-	-	3,219	67	-	392	485	181	190
1975	3	-	-	5,154	97	-	668	484	250	399
1976	-	-	-	5,148	133	10	558	754	143	450
1977	-	-	-	5,192	253	6	687	668	116	528
Private Sector										
1971	136	196	121	548	-	3	1,908	487	35	21
1972	145	321	328	804	3	6	1,839	436	59	58
1973	186	467	394	889	8	-	1,514	665	56	69
1974	160	421	336	1,166	20	-	1,289	743	50	65
1975	137	370	240	1,126	17	-	911	746	67	84
1976	102	309	217	1,082	14	-	1,135	737	68	114
1977	44	252	218	1,158	5	4	1,301	747	28	176

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										
1971	207	280	517	18,062	519	20	765	404	7	56
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	53	306	175	30,986	596	110	155	762	32	117
Public Sector										
1971	2	-	-	17,454	501	18	608	338	6	42
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	45	652	20	73
Private Sector										
1971	205	280	517	608	18	2	157	66	1	14
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	53	306	175	719	37	-	110	110	12	44

8.7 FLOOR AREA OF BUILDINGS COMPLETED

Thousand sq m

Year	Residential						Non-Residential			
	Bungalow	Semi-detached	Terrace	Flats	Shop-houses	Others	Commercial	Industrial	Educational	Others
Public and Private Sectors										
1971	66	67	93	1,010	73	5	389	412	26	57
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	87
1975	68	101	122	3,081	59	1	805	606	71	121
1976	70	79	54	3,423	61	1	663	566	182	129
1977	77	78	34	3,271	100	4	320	724	169	315
Public Sector										
1971	1	-	-	903	70	2	49	140	26	33
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	66
1975	-	-	1	2,839	52	-	156	183	57	102
1976	3	-	-	3,115	58	-	351	164	134	83
1977	-	-	-	3,138	91	4	126	337	129	271
Private Sector										
1971	65	67	93	107	3	3	340	272	-	24
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	649	423	14	19
1976	67	79	54	308	3	1	312	402	48	46
1977	77	78	34	133	9	-	194	387	40	44

8.8 FLOOR AREA OF PRIVATE SECTOR COMMERCIAL BUILDINGS

Thousand sq m

Year	Total	Hotels	Shops	Offices	Restaurants	Car Parks	Godowns and Warehouses	Others
Buildings Commenced								
1971	953	16	174	497	35	126	69	36
1972	377	-	80	166	13	78	22	18
1973	151	-	12	49	3	62	22	3
1974	199	12	9	97	1	1	63	16
1975	272	28	99	71	4	28	33	9
1976	535	153	62	142	10	51	32	85
1977	360	22	91	38	7	22	106	74
Buildings Under Construction (End of period)								
1971	1,909	449	287	762	56	242	71	42
1972	1,839	245	317	836	58	279	49	55
1973	1,514	182	274	644	51	291	17	55
1974	1,289	111	219	553	42	235	70	59
1975	911	131	170	349	27	114	73	47
1976	1,135	284	193	315	34	144	46	119
1977	1,301	305	251	308	13	139	125	160
Buildings Completed								
1971	339	98	31	111	7	45	25	22
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	194	-	33	46	27	28	26	34

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
1967	84,683	24,298	25,812	31,894	2,635	44	1,971
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

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		%
1967	12,089	1,499	26
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

¹ See footnote 1 to Table 8.9

Source: Housing and Development Board

9. EXTERNAL TRADE

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) TV 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. In regard to trade with Peninsular Malaysia prior to 1975, imports into Singapore are valued f.o.b. Peninsular Malaysia and exports from Singapore are 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 IMPORTS BY REGION AND SELECTED COUNTRIES

Million Dollars

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
TOTAL	<u>4,406.5</u>	<u>5,083.8</u>	<u>6,243.6</u>	<u>7,533.8</u>	<u>8,664.0</u>	<u>9,538.0</u>	<u>12,512.9</u>	<u>20,404.9</u>	<u>19,270.4</u>	<u>22,404.5</u>	<u>25,521.9</u>
South East Asia	<u>1,290.4</u>	<u>1,291.8</u>	<u>1,635.1</u>	<u>1,655.0</u>	<u>1,723.6</u>	<u>1,862.5</u>	<u>2,491.2</u>	<u>3,399.4</u>	<u>2,769.3</u>	<u>3,985.7</u>	<u>4,484.7</u>
Malaysia	1,069.9	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
Philippines	13.4	29.4	17.3	27.0	46.8	31.0	38.1	53.5	68.1	91.6	167.0
Thailand	145.4	166.2	167.9	149.9	174.4	269.3	312.3	542.6	406.3	516.3	571.0
North East Asia	<u>1,122.8</u>	<u>1,410.4</u>	<u>1,729.5</u>	<u>2,209.2</u>	<u>2,498.3</u>	<u>2,781.8</u>	<u>3,660.1</u>	<u>5,280.4</u>	<u>4,924.2</u>	<u>5,566.9</u>	<u>6,664.6</u>
China People's Rep of	385.8	460.1	418.5	385.5	406.7	399.1	573.2	643.9	682.0	659.0	670.4
Hong Kong	125.6	144.5	165.9	188.5	200.8	242.8	354.0	470.9	427.8	536.7	651.2
Japan	548.1	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
South Asia	<u>105.6</u>	<u>141.9</u>	<u>134.2</u>	<u>133.5</u>	<u>146.1</u>	<u>142.4</u>	<u>229.3</u>	<u>276.7</u>	<u>222.7</u>	<u>277.6</u>	<u>294.3</u>
West Asia	<u>454.5</u>	<u>575.5</u>	<u>648.5</u>	<u>697.4</u>	<u>907.3</u>	<u>1,098.2</u>	<u>1,334.5</u>	<u>4,334.4</u>	<u>4,207.7</u>	<u>5,493.4</u>	<u>6,010.4</u>
Iran	151.2	138.1	177.5	170.9	187.0	267.1	301.7	1,066.0	1,001.8	822.3	985.4
Iraq	15.6	6.8	12.1	1.0	2.7	30.8	43.2	191.1	253.6	296.9	548.6
Kuwait	223.1	340.1	347.9	360.5	392.3	425.4	356.9	1,216.5	601.3	333.4	308.4
Saudi Arabia	30.8	47.4	44.3	79.4	215.6	249.2	384.3	1,172.3	1,675.5	3,538.4	3,781.4
Oceania	<u>224.3</u>	<u>250.1</u>	<u>278.9</u>	<u>386.9</u>	<u>417.0</u>	<u>439.0</u>	<u>496.2</u>	<u>669.7</u>	<u>749.8</u>	<u>696.2</u>	<u>779.2</u>
Australia	197.8	216.5	241.3	340.5	367.7	385.9	442.1	571.0	661.5	578.0	644.6
Western Europe	<u>789.1</u>	<u>860.4</u>	<u>1,039.2</u>	<u>1,335.7</u>	<u>1,592.4</u>	<u>1,618.0</u>	<u>2,079.5</u>	<u>3,133.0</u>	<u>2,893.8</u>	<u>2,853.2</u>	<u>3,319.4</u>
EEC (Nine)	685.4	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
France	42.0	44.8	76.6	86.5	94.0	113.0	162.8	234.2	266.8	284.0	310.7
Germany Fed Rep of	128.2	129.7	212.2	253.2	339.9	368.7	497.0	712.3	636.2	739.0	880.3
Italy	42.9	55.8	66.6	91.8	112.6	109.7	168.5	237.1	211.7	185.2	243.4
Netherlands	77.4	79.0	72.3	93.6	143.1	125.6	146.5	274.6	280.5	219.5	241.5
United Kingdom	354.5	396.1	421.3	569.1	633.3	635.9	692.7	996.3	956.0	851.2	957.0
EFTA	99.4	96.6	127.4	151.5	175.1	175.9	289.9	414.8	356.8	379.3	457.3
Soviet Union and Eastern Europe	<u>37.7</u>	<u>55.4</u>	<u>70.3</u>	<u>69.1</u>	<u>56.6</u>	<u>43.9</u>	<u>56.0</u>	<u>85.7</u>	<u>63.0</u>	<u>101.4</u>	<u>133.6</u>
North America	<u>261.9</u>	<u>364.2</u>	<u>513.4</u>	<u>855.8</u>	<u>1,150.9</u>	<u>1,372.9</u>	<u>1,934.8</u>	<u>2,969.1</u>	<u>3,130.0</u>	<u>3,066.0</u>	<u>3,336.9</u>
USA	247.6	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
Africa	<u>51.4</u>	<u>62.3</u>	<u>92.2</u>	<u>111.7</u>	<u>93.9</u>	<u>100.4</u>	<u>164.3</u>	<u>164.3</u>	<u>194.7</u>	<u>215.6</u>	<u>244.5</u>
Central and South America	<u>68.8</u>	<u>71.8</u>	<u>102.3</u>	<u>79.7</u>	<u>77.9</u>	<u>78.9</u>	<u>67.0</u>	<u>92.2</u>	<u>115.2</u>	<u>148.5</u>	<u>254.3</u>

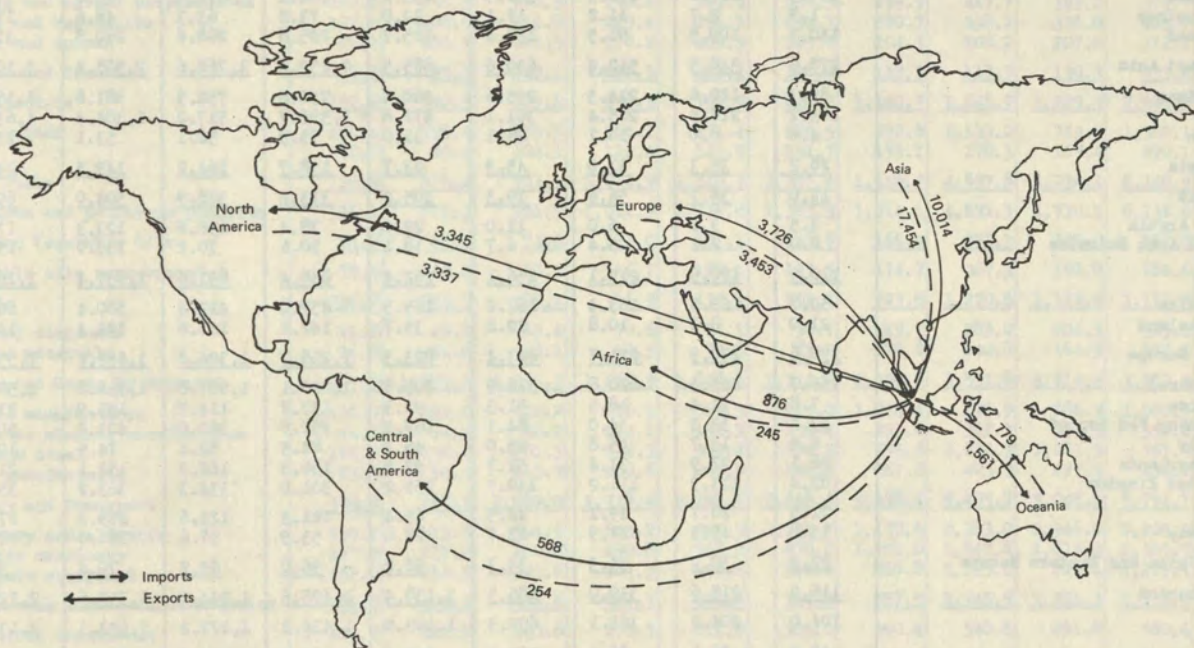
9.2 EXPORTS BY REGION AND SELECTED COUNTRIES

Million Dollars

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
TOTAL	<u>3,490.6</u>	<u>3,890.7</u>	<u>4,740.7</u>	<u>4,755.8</u>	<u>5,371.3</u>	<u>6,149.4</u>	<u>8,906.8</u>	<u>14,154.6</u>	<u>12,757.9</u>	<u>16,265.9</u>	<u>20,090.3</u>
South East Asia	<u>1,633.8</u>	<u>1,666.5</u>	<u>1,839.5</u>	<u>1,661.0</u>	<u>1,999.4</u>	<u>1,998.1</u>	<u>2,354.1</u>	<u>3,604.6</u>	<u>3,320.1</u>	<u>3,438.5</u>	<u>4,167.1</u>
Brunei	52.4	55.5	66.5	78.0	120.5	105.3	105.0	152.0	279.8	239.8	292.6
Malaysia	1,097.4	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
Philippines	16.8	15.1	17.0	13.0	37.9	38.3	76.1	117.4	135.7	127.4	288.1
Thailand	129.6	171.5	177.8	156.8	159.6	214.4	201.0	343.2	445.4	486.0	562.1
North East Asia	<u>398.2</u>	<u>540.3</u>	<u>727.1</u>	<u>709.0</u>	<u>811.8</u>	<u>938.1</u>	<u>1,521.9</u>	<u>3,003.7</u>	<u>2,404.9</u>	<u>3,403.5</u>	<u>4,166.7</u>
China People's Rep of	95.8	81.2	174.8	69.4	46.6	57.4	128.4	125.8	98.5	95.4	144.7
Hong Kong	116.9	141.7	143.0	194.0	289.1	373.4	486.3	901.4	937.0	1,266.6	1,474.0
Japan	156.1	274.4	336.3	361.5	379.8	392.4	713.3	1,610.5	1,112.9	1,668.8	1,918.1
Korea Rep of	9.7	8.9	32.4	34.7	46.5	44.3	76.2	143.3	106.9	182.6	313.6
South Asia	<u>60.2</u>	<u>57.4</u>	<u>79.9</u>	<u>81.3</u>	<u>72.2</u>	<u>109.5</u>	<u>180.6</u>	<u>271.5</u>	<u>318.9</u>	<u>324.6</u>	<u>629.5</u>
West Asia	<u>75.1</u>	<u>85.3</u>	<u>87.2</u>	<u>103.7</u>	<u>140.0</u>	<u>134.2</u>	<u>207.9</u>	<u>525.3</u>	<u>633.0</u>	<u>874.5</u>	<u>1,050.3</u>
Saudi Arabia	8.0	10.0	11.9	12.2	17.9	21.8	35.7	102.7	205.3	199.4	293.5
United Arab Emirates	9.9	14.2	10.0	6.8	13.4	14.7	39.2	115.4	129.5	233.8	268.8
Oceania	<u>137.0</u>	<u>136.4</u>	<u>188.4</u>	<u>227.2</u>	<u>337.1</u>	<u>411.4</u>	<u>470.8</u>	<u>1,123.7</u>	<u>1,163.3</u>	<u>1,350.4</u>	<u>1,560.8</u>
Australia	73.0	89.3	123.0	160.0	257.2	294.8	329.2	687.7	637.2	831.2	990.6
Western Europe	<u>598.5</u>	<u>671.5</u>	<u>784.0</u>	<u>904.0</u>	<u>839.2</u>	<u>1,038.8</u>	<u>1,754.2</u>	<u>2,128.2</u>	<u>2,040.0</u>	<u>2,879.0</u>	<u>3,407.9</u>
EEC (Nine)	479.6	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
France	55.1	60.6	92.5	95.3	86.5	129.5	239.5	262.9	224.7	402.1	444.9
Germany Fed Rep of	53.5	81.9	114.6	136.2	113.7	171.3	303.4	428.2	481.5	647.9	769.1
Italy	55.0	45.4	58.4	69.2	63.7	80.1	123.8	177.8	123.4	211.2	243.4
Netherlands	62.8	86.3	67.1	72.0	69.6	101.8	189.0	231.7	242.9	273.9	399.6
United Kingdom	211.7	245.5	273.7	324.5	333.7	339.4	552.5	574.5	539.8	595.9	646.3
EFTA	47.2	47.4	45.1	53.3	54.4	66.7	94.9	154.3	167.0	312.8	334.9
Soviet Union and Eastern Europe	<u>129.7</u>	<u>158.2</u>	<u>219.3</u>	<u>232.7</u>	<u>184.7</u>	<u>177.2</u>	<u>302.5</u>	<u>380.6</u>	<u>225.2</u>	<u>329.9</u>	<u>318.0</u>
North America	<u>277.9</u>	<u>377.5</u>	<u>569.8</u>	<u>584.1</u>	<u>698.1</u>	<u>1,025.7</u>	<u>1,607.3</u>	<u>2,243.3</u>	<u>1,900.8</u>	<u>2,598.7</u>	<u>3,345.3</u>
USA	244.0	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
Africa	<u>120.4</u>	<u>132.1</u>	<u>141.0</u>	<u>167.4</u>	<u>193.6</u>	<u>208.2</u>	<u>311.7</u>	<u>487.9</u>	<u>433.1</u>	<u>607.0</u>	<u>876.5</u>
Central and South America	<u>59.8</u>	<u>65.5</u>	<u>104.5</u>	<u>85.3</u>	<u>95.2</u>	<u>108.2</u>	<u>195.8</u>	<u>385.8</u>	<u>318.5</u>	<u>459.8</u>	<u>568.2</u>

SINGAPORE TRADE 1977

\$ Million



9.3 DOMESTIC EXPORTS BY REGION AND SELECTED COUNTRIES

Million Dollars

	1969	1970	1971	1972	1973	1974	1975	1976	1977
TOTAL	<u>1,675.5</u>	<u>1,832.2</u>	<u>2,373.4</u>	<u>3,101.0</u>	<u>4,412.2</u>	<u>8,413.6</u>	<u>7,540.4</u>	<u>9,362.4</u>	<u>11,651.8</u>
South East Asia	<u>833.9</u>	<u>698.5</u>	<u>807.5</u>	<u>803.2</u>	<u>921.1</u>	<u>1,716.2</u>	<u>1,325.1</u>	<u>1,166.2</u>	<u>1,477.6</u>
Malaysia	217.5	217.8	276.5	302.5	433.1	784.1	672.5	710.6	771.5
Philippines	1.9	2.7	11.2	17.1	33.8	73.2	63.3	48.6	174.8
Thailand	140.7	109.5	91.5	133.4	125.7	255.6	268.6	260.8	317.8
North East Asia	<u>278.6</u>	<u>348.5</u>	<u>512.4</u>	<u>630.6</u>	<u>885.5</u>	<u>2,252.8</u>	<u>1,760.6</u>	<u>2,505.4</u>	<u>3,108.8</u>
Hong Kong	89.7	122.6	214.3	295.6	360.4	750.6	752.5	981.8	1,165.8
Japan	183.2	216.5	285.4	301.1	472.6	1,396.7	917.2	1,384.4	1,639.2
Taiwan	4.6	8.0	10.7	28.1	31.0	55.9	56.1	53.1	139.6
South Asia	<u>28.2</u>	<u>36.3</u>	<u>31.0</u>	<u>45.9</u>	<u>83.7</u>	<u>138.7</u>	<u>164.2</u>	<u>149.5</u>	<u>248.9</u>
West Asia	<u>22.0</u>	<u>36.7</u>	<u>56.6</u>	<u>70.3</u>	<u>105.2</u>	<u>313.2</u>	<u>368.9</u>	<u>504.0</u>	<u>609.3</u>
Saudi Arabia	3.5	3.6	6.0	11.0	22.0	78.4	156.6	123.3	178.0
United Arab Emirates	2.0	2.1	5.4	6.7	18.1	90.6	70.2	139.0	199.9
Oceania	<u>110.5</u>	<u>120.9</u>	<u>215.1</u>	<u>256.1</u>	<u>262.4</u>	<u>846.4</u>	<u>891.6</u>	<u>1,037.4</u>	<u>1,164.8</u>
Australia	59.7	69.5	153.4	167.0	165.5	457.0	422.4	580.4	666.0
New Zealand	21.0	8.0	10.8	22.2	35.7	142.2	191.6	122.4	141.6
Western Europe	<u>198.6</u>	<u>275.9</u>	<u>271.7</u>	<u>447.4</u>	<u>823.5</u>	<u>1,208.7</u>	<u>1,306.8</u>	<u>1,699.2</u>	<u>1,958.4</u>
EEC (Nine)	156.7	215.3	220.8	376.9	705.8	1,006.1	1,087.8	1,336.8	1,565.6
France	7.8	11.4	18.5	51.3	92.3	137.7	114.7	193.9	211.4
Germany Fed Rep of	23.7	33.3	34.0	84.1	169.1	282.7	360.0	423.2	505.0
Italy	6.4	13.7	15.8	25.0	48.9	84.5	52.4	74.6	105.0
Netherlands	26.1	27.9	31.4	51.7	92.8	136.3	162.9	154.1	218.6
United Kingdom	82.4	113.9	111.2	140.5	255.2	301.0	334.3	363.2	359.6
EFTA	21.5	28.7	29.1	42.5	65.4	121.3	141.6	269.2	276.2
Norway	15.8	19.5	17.9	23.7	27.0	53.9	57.6	181.0	170.4
Soviet Union and Eastern Europe	<u>22.9</u>	<u>30.0</u>	<u>34.3</u>	<u>34.3</u>	<u>38.2</u>	<u>96.0</u>	<u>69.2</u>	<u>70.4</u>	<u>91.7</u>
North America	<u>116.2</u>	<u>215.6</u>	<u>339.0</u>	<u>685.5</u>	<u>1,138.4</u>	<u>1,495.6</u>	<u>1,244.0</u>	<u>1,717.6</u>	<u>2,229.7</u>
USA	104.0	204.2	323.1	655.3	1,102.0	1,436.2	1,177.2	1,623.3	2,136.2
Africa	<u>49.4</u>	<u>56.1</u>	<u>86.1</u>	<u>100.1</u>	<u>120.9</u>	<u>230.4</u>	<u>253.6</u>	<u>327.4</u>	<u>538.6</u>
Central and South America	<u>15.1</u>	<u>13.8</u>	<u>19.7</u>	<u>27.6</u>	<u>33.4</u>	<u>115.6</u>	<u>156.4</u>	<u>185.3</u>	<u>224.0</u>

9.4 IMPORTS BY COMMODITY SECTION AND SELECTED DIVISIONS

Million Dollars

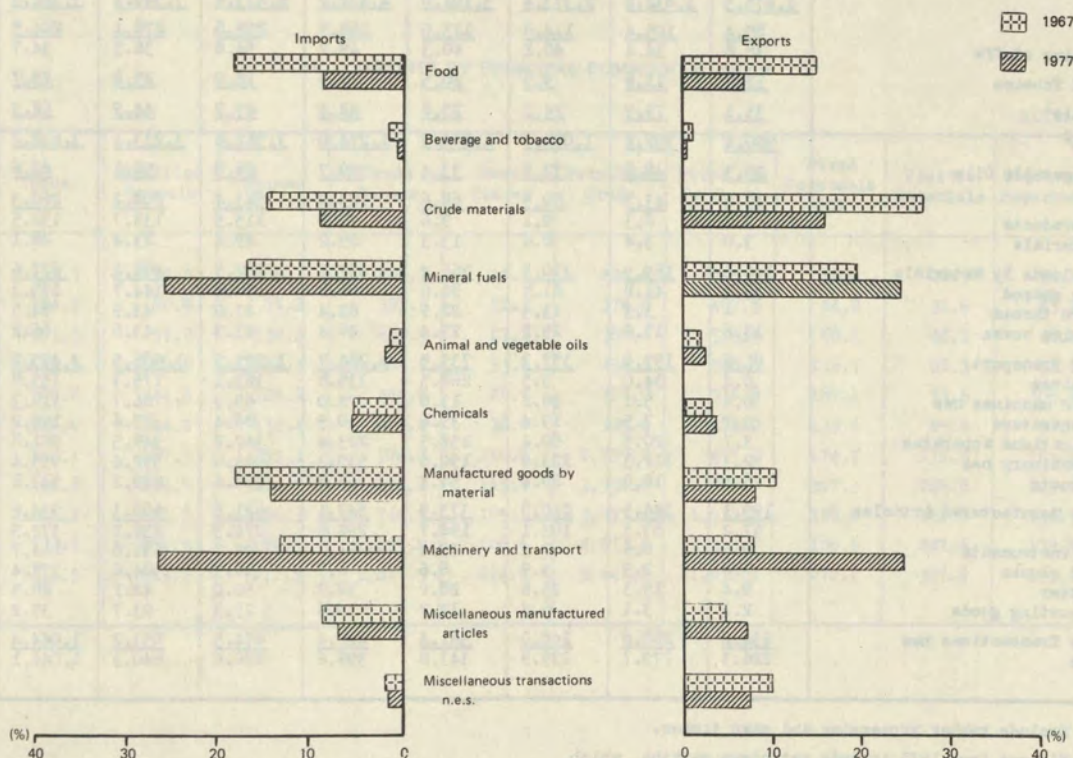
	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
TOTAL	<u>4,406.5</u>	<u>5,083.8</u>	<u>6,243.6</u>	<u>7,533.8</u>	<u>8,664.0</u>	<u>9,538.0</u>	<u>12,512.9</u>	<u>20,404.9</u>	<u>19,270.4</u>	<u>22,404.5</u>	<u>25,521.9</u>
Food	<u>811.6</u>	<u>889.2</u>	<u>907.1</u>	<u>950.5</u>	<u>984.1</u>	<u>1,036.6</u>	<u>1,262.9</u>	<u>1,551.2</u>	<u>1,654.4</u>	<u>1,853.3</u>	<u>2,211.0</u>
Cereals and cereal preparations	220.2	256.5	190.5	190.8	161.5	195.5	299.9	447.7	393.2	374.5	436.8
Fruits and vegetables	197.0	200.0	214.8	229.4	236.7	250.3	280.7	338.7	376.8	445.7	487.8
Coffee and spices	89.2	105.2	163.5	178.2	169.9	165.0	204.3	208.2	207.6	312.1	439.6
Beverages and Tobacco	<u>73.8</u>	<u>95.5</u>	<u>129.1</u>	<u>127.9</u>	<u>137.3</u>	<u>128.2</u>	<u>112.7</u>	<u>117.9</u>	<u>130.3</u>	<u>139.4</u>	<u>150.0</u>
Crude Materials	<u>637.6</u>	<u>594.5</u>	<u>889.6</u>	<u>858.9</u>	<u>781.7</u>	<u>822.5</u>	<u>1,460.7</u>	<u>1,648.7</u>	<u>1,229.3</u>	<u>2,023.5</u>	<u>2,278.7</u>
Crude rubber	457.4	395.4	655.5	566.1	471.4	480.5	978.8	1,133.2	749.5	1,302.1	1,485.4
Wood	70.7	89.4	104.1	121.4	127.7	131.7	191.1	178.3	169.4	270.1	291.5
Mineral Fuels	<u>738.8</u>	<u>875.4</u>	<u>983.5</u>	<u>1,014.9</u>	<u>1,240.7</u>	<u>1,385.4</u>	<u>1,618.2</u>	<u>4,897.8</u>	<u>4,734.1</u>	<u>6,140.9</u>	<u>6,524.2</u>
Petroleum and petroleum products	736.1	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
Animal and Vegetable Oils	<u>64.7</u>	<u>48.5</u>	<u>73.6</u>	<u>126.0</u>	<u>197.1</u>	<u>148.8</u>	<u>186.4</u>	<u>391.3</u>	<u>242.0</u>	<u>257.8</u>	<u>478.9</u>
Vegetable oils unprocessed	59.4	44.2	68.1	116.7	187.1	139.6	174.7	367.3	198.0	186.6	272.7
Chemicals	<u>236.7</u>	<u>253.7</u>	<u>306.1</u>	<u>386.9</u>	<u>437.1</u>	<u>501.7</u>	<u>723.6</u>	<u>1,220.6</u>	<u>1,119.6</u>	<u>1,116.2</u>	<u>1,319.3</u>
Chemical compounds	41.8	49.7	63.4	70.6	76.5	90.7	149.7	289.0	204.3	305.1	311.0
Plastic materials	26.9	31.6	48.1	60.3	73.6	85.2	172.8	240.8	164.5	247.6	307.6
Manufactured Goods By Material	<u>797.2</u>	<u>1,059.0</u>	<u>1,313.3</u>	<u>1,650.9</u>	<u>1,848.8</u>	<u>1,914.6</u>	<u>2,526.6</u>	<u>3,591.8</u>	<u>3,510.3</u>	<u>3,277.4</u>	<u>3,630.7</u>
Textile manufactures	400.0	592.0	724.2	810.1	866.9	819.0	1,034.4	973.9	886.9	1,062.5	1,124.7
Non-metal mineral manufactures	64.1	71.6	86.2	114.1	135.9	156.4	231.6	342.3	354.5	356.6	406.1
Iron and steel	120.9	136.0	201.3	312.3	349.4	384.0	555.9	1,234.9	1,283.9	767.7	870.1
Metal manufactures	73.7	94.4	115.9	160.6	206.0	246.8	267.2	425.9	497.5	458.1	524.8
Machinery and Transport	<u>579.0</u>	<u>747.3</u>	<u>1,089.0</u>	<u>1,718.4</u>	<u>2,209.1</u>	<u>2,648.4</u>	<u>3,498.4</u>	<u>5,405.8</u>	<u>5,046.2</u>	<u>5,794.7</u>	<u>6,738.5</u>
Machinery non-electric	259.1	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
Electric machinery	167.9	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
Transport equipment	152.0	251.5	323.6	384.3	644.6	592.6	866.8	1,235.0	821.1	1,203.5	1,516.3
Miscellaneous Manufactured Articles	<u>382.8</u>	<u>406.1</u>	<u>428.8</u>	<u>538.7</u>	<u>644.8</u>	<u>727.9</u>	<u>957.5</u>	<u>1,345.9</u>	<u>1,331.3</u>	<u>1,534.0</u>	<u>1,764.9</u>
Scientific instrument	115.9	121.0	140.8	191.5	222.0	303.1	360.4	540.8	491.8	580.6	657.0
Miscellaneous Transactions nes	<u>84.3</u>	<u>114.6</u>	<u>123.5</u>	<u>160.7</u>	<u>183.3</u>	<u>223.9</u>	<u>165.9</u>	<u>233.9</u>	<u>272.9</u>	<u>267.3</u>	<u>425.7</u>

9.5 EXPORTS BY COMMODITY SECTION AND SELECTED DIVISIONS

Million Dollars

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
TOTAL	<u>3,490.6</u>	<u>3,890.7</u>	<u>4,740.7</u>	<u>4,755.8</u>	<u>5,371.3</u>	<u>6,149.4</u>	<u>8,906.8</u>	<u>14,154.6</u>	<u>12,757.9</u>	<u>16,265.9</u>	<u>20,090.3</u>
Food	<u>519.3</u>	<u>502.2</u>	<u>525.4</u>	<u>549.6</u>	<u>541.8</u>	<u>554.1</u>	<u>617.2</u>	<u>814.0</u>	<u>915.7</u>	<u>947.8</u>	<u>1,389.4</u>
Cereals and cereal preparations	71.1	65.4	51.1	54.1	53.5	54.4	82.1	122.8	125.1	77.9	150.5
Fruits and vegetables	109.1	108.5	108.4	102.5	110.3	113.9	114.0	137.8	150.6	165.3	191.9
Coffee and spices	219.6	202.9	216.0	226.2	200.1	184.8	188.1	243.8	259.2	380.2	570.3
Beverages and Tobacco	<u>39.3</u>	<u>48.2</u>	<u>73.0</u>	<u>71.6</u>	<u>69.0</u>	<u>66.0</u>	<u>37.4</u>	<u>38.6</u>	<u>40.9</u>	<u>48.9</u>	<u>65.2</u>
Crude Materials	<u>940.9</u>	<u>1,114.9</u>	<u>1,654.9</u>	<u>1,430.3</u>	<u>1,190.3</u>	<u>1,132.5</u>	<u>2,152.4</u>	<u>2,506.2</u>	<u>1,694.3</u>	<u>2,664.7</u>	<u>3,160.0</u>
Crude rubber	765.0	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
Wood	61.1	79.8	104.9	110.9	96.2	131.9	314.6	216.2	153.7	307.0	330.0
Mineral Fuels	<u>677.0</u>	<u>809.8</u>	<u>930.8</u>	<u>822.6</u>	<u>1,145.8</u>	<u>1,168.1</u>	<u>1,367.8</u>	<u>3,693.0</u>	<u>3,451.2</u>	<u>3,783.8</u>	<u>4,874.1</u>
Petroleum and petroleum products	675.5	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
Animal and Vegetable Oils	<u>68.8</u>	<u>93.4</u>	<u>84.4</u>	<u>140.2</u>	<u>208.1</u>	<u>150.7</u>	<u>171.5</u>	<u>358.0</u>	<u>245.5</u>	<u>249.3</u>	<u>474.7</u>
Vegetable oils unprocessed	65.5	91.2	82.4	138.6	205.1	147.3	168.2	349.0	232.7	217.3	386.5
Chemicals	<u>114.5</u>	<u>119.5</u>	<u>138.6</u>	<u>128.9</u>	<u>184.6</u>	<u>218.0</u>	<u>393.6</u>	<u>917.1</u>	<u>475.7</u>	<u>609.8</u>	<u>716.1</u>
Medicinal products	17.9	17.8	20.6	22.1	28.9	33.4	84.4	161.8	173.9	194.0	213.7
Manufactured Goods By Materials	<u>359.9</u>	<u>389.9</u>	<u>417.1</u>	<u>423.1</u>	<u>534.7</u>	<u>595.6</u>	<u>920.1</u>	<u>1,069.9</u>	<u>1,086.5</u>	<u>1,328.8</u>	<u>1,602.2</u>
Wood manufactures	25.0	38.2	49.4	56.1	78.6	118.4	234.5	199.7	200.7	279.6	297.5
Textile manufactures	124.1	140.7	173.8	164.4	217.9	244.0	353.8	337.7	308.9	443.5	467.3
Iron and steel	51.9	51.6	37.0	39.1	65.4	55.4	93.3	187.5	206.0	187.1	263.3
Metal manufactures	63.0	63.4	64.9	63.5	73.2	74.6	101.8	143.9	158.3	175.7	228.5
Machinery and Transport	<u>271.1</u>	<u>252.7</u>	<u>349.6</u>	<u>520.9</u>	<u>740.5</u>	<u>1,220.6</u>	<u>1,967.8</u>	<u>2,918.6</u>	<u>2,894.6</u>	<u>4,106.7</u>	<u>4,917.0</u>
Machinery non-electric	114.0	109.9	124.5	189.6	190.5	493.5	671.9	870.9	889.8	983.5	1,163.8
Electric machinery	56.5	50.5	98.4	190.1	361.3	464.9	956.9	1,487.5	1,471.9	2,186.4	2,868.0
Transport equipment	100.6	92.3	126.7	141.2	188.7	262.2	339.0	560.1	533.0	936.8	885.2
Miscellaneous Manufactured Articles	<u>160.7</u>	<u>175.6</u>	<u>212.2</u>	<u>247.9</u>	<u>343.4</u>	<u>497.2</u>	<u>695.8</u>	<u>807.5</u>	<u>880.4</u>	<u>1,232.5</u>	<u>1,402.3</u>
Clothing	49.0	63.9	85.2	94.7	138.6	223.0	319.7	310.5	277.8	448.7	514.1
Scientific instrument	25.8	30.3	29.9	31.0	46.1	94.7	152.7	180.3	295.4	402.1	377.6
Miscellaneous Transactions nes	<u>339.1</u>	<u>384.5</u>	<u>354.7</u>	<u>420.7</u>	<u>413.1</u>	<u>545.7</u>	<u>583.2</u>	<u>1,031.7</u>	<u>1,073.1</u>	<u>1,293.6</u>	<u>1,489.3</u>

TRADE BY COMMODITY SECTION



9.6 DOMESTIC EXPORTS BY COMMODITY SECTION AND SELECTED GROUPS

Million Dollars

	1969	1970	1971	1972	1973	1974	1975	1976	1977
TOTAL	<u>1,675.5</u>	<u>1,832.2</u>	<u>2,373.4</u>	<u>3,101.0</u>	<u>4,412.2</u>	<u>8,413.6</u>	<u>7,540.4</u>	<u>9,362.4</u>	<u>11,651.8</u>
Food	<u>89.4</u>	<u>105.4</u>	<u>114.8</u>	<u>123.0</u>	<u>168.5</u>	<u>252.8</u>	<u>278.1</u>	<u>204.9</u>	<u>296.5</u>
Animal feeding stuffs	38.8	34.4	40.2	40.3	49.2	54.8	36.5	34.7	65.0
Beverages and Tobacco	<u>12.2</u>	<u>11.8</u>	<u>9.5</u>	<u>10.5</u>	<u>12.9</u>	<u>18.0</u>	<u>25.8</u>	<u>29.7</u>	<u>43.6</u>
Crude Materials ¹	<u>35.1</u>	<u>29.9</u>	<u>24.2</u>	<u>29.8</u>	<u>42.4</u>	<u>45.2</u>	<u>44.9</u>	<u>62.3</u>	<u>73.9</u>
Mineral Fuels ²	<u>900.4</u>	<u>792.2</u>	<u>1,058.3</u>	<u>1,094.9</u>	<u>1,274.0</u>	<u>3,562.6</u>	<u>3,233.1</u>	<u>3,632.2</u>	<u>4,697.2</u>
Animal and Vegetable Oils	<u>29.3</u>	<u>48.8</u>	<u>72.9</u>	<u>33.4</u>	<u>40.7</u>	<u>66.8</u>	<u>56.1</u>	<u>62.6</u>	<u>129.4</u>
Chemicals	<u>43.6</u>	<u>43.3</u>	<u>60.9</u>	<u>68.6</u>	<u>183.9</u>	<u>583.4</u>	<u>208.2</u>	<u>268.3</u>	<u>325.5</u>
Medicinal products	9.7	8.3	9.1	7.6	57.1	115.5	135.7	152.5	168.8
Plastic materials	3.0	3.4	8.6	13.3	25.2	49.4	23.4	48.1	66.5
Manufactured Goods By Materials	<u>140.6</u>	<u>169.9</u>	<u>210.7</u>	<u>266.4</u>	<u>437.6</u>	<u>462.5</u>	<u>486.2</u>	<u>627.6</u>	<u>769.8</u>
Wood simply shaped	33.4	41.8	61.8	92.6	186.0	150.2	144.7	195.3	199.2
Textile yarn thread	-	3.3	13.3	22.9	62.4	47.0	43.9	84.5	76.4
Cotton fabrics woven	13.6	17.6	25.2	29.4	40.4	43.9	43.6	66.2	71.5
Machinery and Transport	<u>81.6</u>	<u>197.6</u>	<u>357.3</u>	<u>739.5</u>	<u>1,284.7</u>	<u>1,925.5</u>	<u>1,686.5</u>	<u>2,475.8</u>	<u>3,051.6</u>
Office machines	0.2	34.0	3.5	268.5	335.8	323.1	175.3	155.8	173.4
Non-electric machines nes	6.4	5.1	10.2	13.0	22.0	69.9	86.7	118.3	160.4
Electric generators	0.7	7.5	19.4	39.6	60.9	88.4	87.6	126.2	166.6
Telecommunications apparatus	3.7	20.5	60.4	152.5	223.4	342.2	348.3	501.8	715.6
Electric machinery nes	52.7	112.3	223.4	190.6	539.3	843.0	592.2	955.4	1,224.4
Ships and boats	8.4	10.0	29.4	54.3	65.2	188.6	279.2	537.0	479.9
Miscellaneous Manufactured Articles	<u>109.1</u>	<u>144.5</u>	<u>216.8</u>	<u>373.5</u>	<u>547.1</u>	<u>621.6</u>	<u>668.3</u>	<u>934.6</u>	<u>1,062.8</u>
Clothing	57.2	65.5	103.1	194.7	292.6	276.3	236.2	372.9	440.0
Scientific instruments	0.5	0.6	7.4	49.4	91.7	95.7	131.8	113.7	125.2
Watches and clocks	0.4	2.9	3.9	6.6	8.7	16.9	84.6	175.4	108.0
Printed matter	9.4	15.3	25.6	28.2	32.7	50.0	42.1	48.5	87.7
Toys and sporting goods	2.1	3.1	6.4	12.7	16.5	23.3	23.7	35.2	78.6
Miscellaneous Transactions nes	<u>234.2</u>	<u>288.8</u>	<u>248.0</u>	<u>361.4</u>	<u>420.4</u>	<u>874.5</u>	<u>853.2</u>	<u>1,064.4</u>	<u>1,201.5</u>
Oil bunkers	226.3	279.7	235.9	343.8	399.6	850.6	840.3	1,046.1	1,174.7

1 Exclude rubber processing and sawn timber.

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

9.7 IMPORTS BY PRINCIPAL COMMODITY GROUP

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
1967	139.3	52.5	66.1	455.7	16.2	226.6	509.5	59.4	26.9	52.4	299.8
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

9.7 IMPORTS BY PRINCIPAL COMMODITY GROUP (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
1967	86.7	11.6	75.3	97.6	62.6	137.3	128.3	11.2	82.8	31.7	66.5
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

9.8 EXPORTS BY PRINCIPAL COMMODITY GROUP

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
1967	82.9	127.9	43.8	755.1	60.3	675.5	65.5	17.9	8.7	22.6	87.4
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

9.8 EXPORTS BY PRINCIPAL COMMODITY GROUP (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
1967	33.8	33.4	5.1	47.6	11.1	60.0	89.6	6.1	48.9	6.8	11.9
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

9.9 VOLUME INDEX OF IMPORTS AND EXPORTS BY COMMODITY SECTION
(1972 = 100)

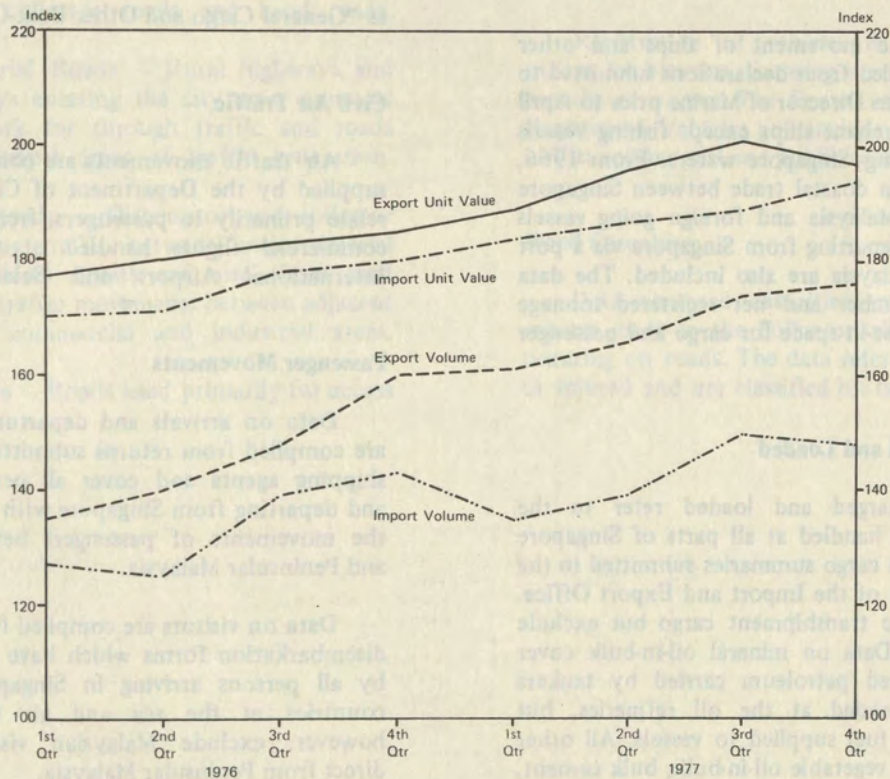
	1974	1975	1976	1977	1976				1977			
	Annual Average				1st Qr	2nd Qr	3rd Qr	4th Qr	1st Qr	2nd Qr	3rd Qr	4th Qr
	IMPORTS											
TOTAL	130	122	133	143	127	125	139	142	135	139	150	148
Food and Live Animals	97	101	105	112	94	108	109	110	121	105	105	116
Beverages and Tobacco	90	88	88	88	93	88	78	92	97	85	75	93
Crude Materials Inedible	120	101	134	131	141	118	133	143	141	115	141	128
Mineral Fuels	97	82	96	98	84	78	112	111	92	98	102	98
Animal and Vegetable Oils and Fats	118	64	76	79	73	81	79	70	68	90	83	74
Chemicals	135	119	130	147	130	129	136	124	137	144	153	154
Manufactured Goods	124	121	119	126	115	108	128	123	114	115	132	143
Machinery and Transport Equipment	170	155	174	188	165	174	183	172	171	182	201	198
Miscellaneous Manufactured Articles	124	143	166	150	154	139	185	185	154	129	155	161
Miscellaneous	152	136	132	157	145	119	126	136	140	152	169	167
EXPORTS												
TOTAL	134	123	146	169	135	140	148	160	161	166	174	176
Food and Live Animals	96	102	96	121	82	96	100	105	114	123	109	137
Beverages and Tobacco	59	59	66	85	54	68	71	69	70	88	93	88
Crude Materials Inedible	117	101	116	123	118	106	114	126	134	113	121	122
Mineral Fuels	111	86	91	111	87	89	93	96	97	110	123	113
Animal and Vegetable Oils and Fats	98	69	82	104	84	73	82	90	85	98	131	100
Chemicals	128	88	118	140	97	125	108	141	124	176	127	133
Manufactured Goods	119	133	159	169	137	175	168	156	146	157	160	214
Machinery and Transport Equipment	204	178	202	256	182	200	206	219	213	258	265	289
Miscellaneous Manufactured Articles	111	91	124	131	109	137	123	126	150	127	111	134
Miscellaneous	150	122	161	216	121	155	186	180	192	201	229	242

9.10 UNIT VALUE INDEX OF IMPORTS AND EXPORTS BY COMMODITY SECTION
(1972 = 100)

	1974	1975	1976	1977	1976				1977			
	Annual Average				1st Qr	2nd Qr	3rd Qr	4th Qr	1st Qr	2nd Qr	3rd Qr	4th Qr
	IMPORTS											
TOTAL	167	167	175	189	170	171	178	180	184	187	189	194
Food and Live Animals	154	158	169	190	168	167	167	172	186	204	191	180
Beverages and Tobacco	113	118	124	134	120	123	128	125	127	129	135	143
Crude Materials Inedible	173	147	187	212	169	189	193	196	211	214	210	214
Mineral Fuels	368	417	460	482	457	463	458	461	466	479	489	494
Animal and Vegetable Oils and Fats	226	216	178	247	178	163	173	198	221	250	294	221
Chemicals	190	191	177	183	175	160	173	199	172	189	188	182
Manufactured Goods	152	150	145	150	142	142	144	151	146	150	151	154
Machinery and Transport Equipment	124	120	124	135	121	122	126	125	131	133	136	139
Miscellaneous Manufactured Articles	149	144	147	189	138	148	146	155	169	193	197	198
Miscellaneous	121	134	161	166	146	159	169	169	162	162	165	173
	EXPORTS											
TOTAL	175	170	181	196	177	180	183	185	189	196	201	197
Food and Live Animals	151	158	176	208	167	163	185	189	209	232	208	183
Beverages and Tobacco	114	113	115	121	114	111	116	119	117	125	122	119
Crude Materials Inedible	193	150	202	219	176	203	214	213	209	223	219	223
Mineral Fuels	287	337	353	371	370	346	350	347	354	371	383	374
Animal and Vegetable Oils and Fats	240	231	196	296	179	199	208	198	239	296	349	300
Chemicals	209	198	257	271	230	276	291	231	279	246	283	274
Manufactured Goods	152	138	143	159	139	124	146	161	161	151	166	157
Machinery and Transport Equipment	118	126	134	134	134	135	134	133	133	133	134	137
Miscellaneous Manufactured Articles	126	139	160	176	143	154	169	174	152	169	200	182
Miscellaneous	178	170	174	163	177	167	175	176	156	162	158	174

VOLUME AND UNIT VALUE INDICES OF SINGAPORE EXTERNAL TRADE

1972 = 100



10. TRANSPORT AND COMMUNICATIONS

Vessels Entered and Cleared

Data on the movement of ships and other 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. From 1966, vessels engaged in coastal trade between Singapore and Peninsular Malaysia and foreign going vessels arriving in and departing from Singapore via a port in Peninsular Malaysia are also included. 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

Cargo discharged and loaded refer to the volume of cargo handled at all parts of Singapore and are 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

Air 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 arriving in and departing from Singapore with the exception of the movements of passengers between Singapore and Peninsular Malaysia.

Data on visitors are compiled from immigration disembarkation forms which have to be submitted by all persons arriving in Singapore from other countries at the sea and air terminals. Data, however, exclude Malaysian visitors embarking direct from Peninsular Malaysia.

Roads

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

Year	TOTAL			TYPE OF SHIP								
				Steamships			Motorships			Sailingships		
	Number at end period	Tonnage		Number at end period	Tonnage		Number at end period	Tonnage		Number at end period	Tonnage	
		Gross	Net		Gross	Net		Gross	Net		Gross	Net
		Thousand registered tons	Thousand registered tons		Thousand registered tons	Thousand registered tons						
1967	349	145	88	7	9	4	178	112	61	164	24	23
1968	391	249	149	8	19	10	204	201	111	179	28	27
1969	447	388	230	9	27	14	239	326	182	199	35	34
1970	500	522	305	10	37	20	269	440	242	221	45	43
1971	582	723	422	10	39	21	308	620	339	264	64	62
1972	692	1,455	858	10	131	87	377	1,243	691	305	81	80
1973	896	2,490	1,531	12	308	211	488	2,064	1,204	396	118	116
1974	1,083	3,392	2,158	14	478	325	573	2,724	1,644	496	190	189
1975	1,389	5,228	3,493	14	468	319	755	4,484	2,903	620	276	271
1976	1,612	6,679	4,393	16	559	372	865	5,763	3,672	731	357	349
1977	1,812	7,518	4,919	17	543	362	987	6,567	4,158	808	407	399

Notes: Ships registered in Singapore include (a) Singapore ships registered under Part XIII of the Merchant Shipping Act (Chapter 172) with effect from 2nd September, 1966, (b) British ships registered under Part I of the Merchant Shipping Act, 1894, (c) British ships of less than 60 tons net tonnage, registered under section 90 of the Merchant Shipping Act, 1894 (which are issued with certificates terminable at the end of one year) up to 1967 only, and (d) Malaysian ships registered under Part II of the Merchant Shipping Ordinance, 1952, from 1965 to 1967 only.

Source: Marine Department

Including all vessels not propelled by machinery.

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
1967	2,043	78	1,862	103	1,722	732	990
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

Notes: Native sailing craft not registered under Part XIII of the Merchant Shipping Act (Chapter 172) are permitted to ply beyond harbour limits when licensed under Section 348 of the Merchant Shipping Act (Chapter 172).

Cargo or Passenger boats not registered under Part XIII of the Merchant Shipping Act (Chapter 172) are licensed under Section 349 of the Merchant Shipping Act (Chapter 172).

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 and Native Crafts of All Types ¹			
	Entered		Cleared		Entered		Cleared		Entered		Cleared	
	Number	NRT (1000)	Number	NRT (1000)	Number	NRT (1000)	Number	NRT (1000)	Number	NRT (1000)	Number	NRT (1000)
1967	38,201	58,046	38,119	57,823	13,811	57,758	13,718	57,535	24,390	288	24,401	288
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

Notes: 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 ¹
1967	18,995.0	4,688.0	14,307.0	12,358.7	3,252.7	9,106.0
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

Notes: Figures include transshipment cargo handled.

1 Figures exclude mineral oil supplied as bunker fuel to vessels.

10.5 SEABORNE CARGO DISCHARGED AND LOADED
(By Ports of Origin and Destination)

Port of Origin or Destination	1973		1974		1975		1976		1977	
	Dis- charged	Loaded	Dis- charged	Loaded	Dis- charged	Loaded	Dis- charged	Loaded	Dis- charged	Loaded
Peninsular Malaysia (West Coast)	226.1	878.3	215.4	1,022.7	194.0	972.2	192.8	689.4	186.6	857.3
Peninsular Malaysia (East Coast)	252.4	122.2	176.6	196.7	195.8	180.4	774.4	273.4	485.8	185.3
Brunei and Sabah-Sarawak	4,100.1	804.1	2,119.6	864.3	1,466.4	905.0	2,080.9	1,106.5	1,398.7	1,123.5
East Thailand, Vietnam, Khmer Republic, Laos and Philippines	1,257.2	4,559.5	1,200.0	3,689.9	1,334.6	2,227.2	1,083.7	909.5	876.5	1,509.9
West Thailand and Burma	100.9	223.0	70.2	155.4	70.4	161.5	113.6	139.4	154.1	137.1
India (East Coast) and Bay of Bengal	108.2	159.9	108.1	147.8	124.2	194.1	213.0	111.0	209.0	161.7
India (West Coast), Pakistan and Sri Lanka	203.2	160.1	347.4	180.7	215.0	240.1	270.1	149.7	231.2	508.0
Hong Kong	271.4	3,119.0	367.2	2,992.6	380.5	3,202.5	386.5	3,617.1	432.1	4,384.8
China, People's Republic of	474.1	81.0	411.5	69.6	402.7	48.4	630.2	35.5	495.8	59.4
Japan	2,068.0	4,828.7	2,425.5	5,120.1	2,603.4	3,042.6	3,140.6	4,487.4	3,393.5	4,453.4
Australia (West Coast) including Cocos and Christmas Islands	249.4	261.5	258.3	194.2	297.6	106.1	379.4	1,065.0	205.7	672.8
Australia (East Coast), New Zealand and Papua	668.9	2,473.6	619.1	3,400.6	746.4	2,988.6	651.8	2,594.0	745.6	2,746.6
United Kingdom	339.3	625.5	475.8	313.9	342.5	376.2	307.7	363.7	378.7	337.5
Europe and Baltic Sea	633.5	1,013.8	728.1	656.1	627.4	738.0	640.6	831.7	779.2	827.2
Mediterranean and Black Sea	119.8	393.9	274.6	337.9	266.8	333.6	207.6	377.8	263.5	496.2
Persian Gulf and Gulf of Aden	24,661.3	364.0	25,430.5	649.0	21,342.5	718.4	24,106.0	1,016.2	26,343.7	1,322.8
Africa (East and South Coast)	585.2	489.5	614.9	459.3	488.2	500.3	581.5	438.7	610.9	503.3
British Atlantic Ports (North and South America)	13.3	75.3	27.7	69.3	14.5	52.5	25.6	32.7	26.4	31.9
U.S.A. (Atlantic Ports)	565.2	386.8	537.3	359.2	503.3	468.8	337.3	467.5	461.9	581.9
British Pacific Ports (North and South America)	136.5	37.5	108.6	59.7	123.8	39.2	116.5	64.3	125.2	57.9
U.S.A. (Pacific Ports)	337.6	577.1	368.6	651.1	372.0	552.8	314.2	497.1	464.7	1,241.6
Central America	6.0	53.9	1.5	12.5	17.0	17.0	17.4	36.8	91.2	52.0
South America	107.7	112.0	117.7	198.7	159.9	144.0	199.0	136.6	415.9	134.5
Other Ports	1,081.6	901.8	709.4	937.6	743.1	857.7	930.6	832.1	1,057.9	1,898.2
Total	38,566.9	22,702.0	37,713.6	22,738.9	33,032.0	19,067.2	37,701.0	20,273.4	39,833.8	24,284.8

Notes: See notes to Table 10.4.

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				
1967	3,193	7,294	106,758	243,410	106,475	247,283	165,420	200	729	195	761
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

10.7 AIRCARGO DISCHARGED AND LOADED
(By Country of Origin and Destination)

Tonnes

Country of Origin or Destination	1973		1974		1975		1976		1977	
	Dis- charged	Loaded	Dis- charged	Loaded	Dis- charged	Loaded	Dis- charged	Loaded	Dis- charged	Loaded
Australia	1,611	1,306	1,786	3,581	1,545	3,178	1,746	3,955	2,584	3,993
France	210	564	139	700	201	1,101	399	2,148	412	1,806
Germany	407	654	462	1,266	743	2,391	824	2,839	1,350	3,160
Hong Kong	2,220	1,310	3,190	1,412	3,696	1,418	4,258	2,118	5,717	3,784
India	248	140	255	241	255	324	237	330	271	543
Indonesia	784	7,359	1,144	11,499	1,707	11,006	2,091	9,613	2,090	11,059
Italy	137	339	125	475	167	441	231	550	259	701
Japan	2,402	1,127	2,618	1,282	3,501	1,951	4,264	1,959	4,991	2,308
Malaysia	1,052	2,856	1,223	3,781	1,594	3,917	2,533	4,769	2,576	5,286
Netherlands	1,510	1,209	1,904	1,354	1,803	2,541	1,406	1,993	1,416	2,847
New Zealand	149	42	158	263	263	355	293	358	391	485
Philippines	133	444	159	644	115	683	163	1,053	316	1,105
Scandinavia	219	420	363	764	318	880	691	1,102	1,380	1,647
Switzerland	225	183	187	183	228	337	328	342	476	523
Taiwan	495	226	907	482	1,218	509	1,472	531	1,568	702
Thailand	1,292	715	1,827	916	1,480	1,340	1,997	1,325	2,232	1,524
United Kingdom	1,076	716	1,336	1,000	1,153	1,950	1,533	1,890	1,664	2,189
United States of America	2,295	1,040	2,990	1,171	3,147	944	3,077	1,530	3,098	2,283
Other Countries	2,388	2,047	3,060	3,272	3,142	4,545	3,888	6,776	2,570	7,197
Total	18,853	22,717	23,843	34,286	26,276	39,811	31,431	45,181	35,361	53,142

Notes: Data exclude air cargo in transit.

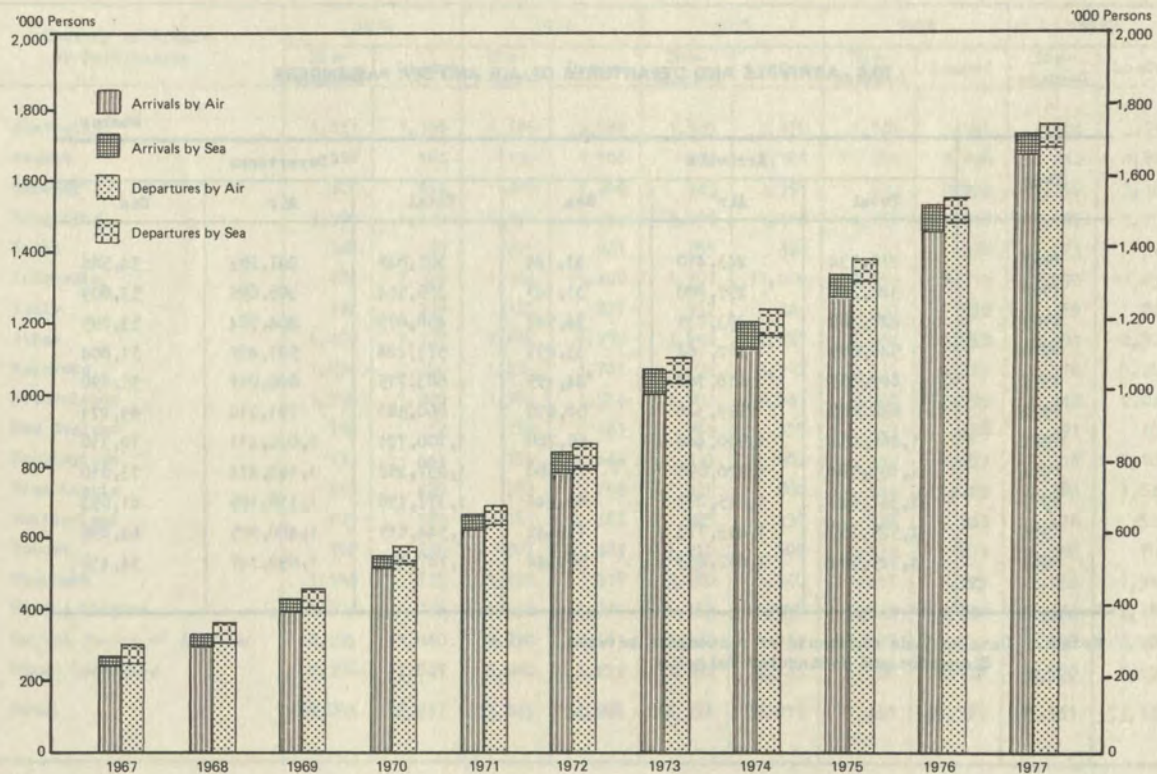
10.8 ARRIVALS AND DEPARTURES OF AIR AND SEA PASSENGERS

Number

Year	Arrivals			Departures		
	Total	Air	Sea	Total	Air	Sea
1967	276,534	243,410	33,124	301,849	247,283	54,566
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

Notes: 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

Number

Country of Embarkation or Disembarkation	1973		1974		1975		1976		1977	
	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures
Total	1,000,446	1,030,411	1,126,896	1,163,472	1,275,277	1,316,106	1,453,773	1,480,925	1,667,453	1,692,747
Brunei and Sabah-Sarawak	75,250	77,533	86,503	90,445	100,794	103,071	108,934	111,581	125,126	129,558
Indonesia	267,005	260,628	318,614	311,533	367,838	361,162	407,326	404,510	466,800	458,140
Thailand	135,408	128,604	151,007	145,992	162,092	172,820	188,439	184,966	205,562	191,888
Philippines	26,996	26,215	36,313	34,665	41,146	42,378	49,307	51,653	65,852	67,150
India, Pakistan and Sri Lanka	41,058	44,427	45,237	48,883	49,567	56,033	57,858	63,395	65,886	70,656
Hong Kong	102,722	124,345	102,517	120,117	126,869	129,755	157,810	162,997	181,211	191,172
Japan	43,540	33,780	43,459	34,673	49,053	40,917	59,577	50,679	77,429	74,402
Other Countries in Asia	33,582	38,843	47,389	48,616	47,479	51,748	50,389	53,653	61,731	68,644
Oceania	122,058	161,830	130,931	183,361	155,869	193,091	170,514	213,489	181,733	230,737
United Kingdom	82,729	65,258	80,817	65,565	79,087	71,909	85,191	68,774	97,090	73,854
Other Countries in Europe	69,270	67,143	77,301	72,681	89,797	88,688	106,300	103,559	128,430	126,245
Africa	78	279	1,243	1,356	1,485	1,495	810	811	-	2
Other Countries	750	1,526	5,565	5,585	4,201	3,039	11,318	10,858	10,603	10,299

Notes: See notes to Table 10.8.

10.10 SEA PASSENGERS BY COUNTRY OF EMBARKATION AND DISEMBARKATION

Country of Embarkation or Disembarkation	Number									
	1973		1974		1975		1976		1977	
	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures
Total	65,788	70,310	72,688	73,810	62,346	61,692	71,442	63,890	58,344	54,410
Brunei and Sabah-Sarawak	5,180	6,295	2,840	3,182	2,058	3,229	1,978	2,629	1,244	1,564
Indonesia	24,481	21,460	38,337	33,141	41,676	38,005	52,349	46,068	39,791	37,195
India, Pakistan and Sri Lanka	6,432	10,143	5,386	8,402	5,423	6,482	3,719	3,801	2,725	3,039
Hong Kong	4,350	3,513	3,276	2,632	1,919	1,300	1,004	963	885	759
China, People's Republic of	5,723	8,682	5,607	7,445	3,572	5,400	1,851	3,144	1,956	3,593
Oceania	18,172	18,246	14,818	17,534	6,158	5,826	9,014	6,283	11,569	8,130
Other Countries	1,450	1,971	2,424	1,474	1,540	1,450	1,527	1,002	174	130

Notes: See notes to Table 10.8.

10.11 VISITORS BY CITIZENSHIP

Citizenship	Number						
	1971	1972	1973	1974	1975	1976	1977
Total	632,149	783,015	984,732	1,087,443	1,169,270	1,320,625	1,506,688
Malaysia	59,944	71,417	87,879	95,716	91,001	97,034	111,025
Brunei	4,303	5,241	6,232	7,651	10,993	13,646	15,460
Indonesia	85,627	90,722	117,894	146,340	175,519	210,101	260,196
Thailand	6,618	9,507	11,337	14,564	21,998	26,837	31,811
Philippines	11,993	11,826	11,090	15,981	18,267	21,287	24,969
India	23,545	23,666	27,475	30,979	32,852	31,255	34,830
Pakistan	1,881	1,853	3,359	3,590	3,951	4,651	5,891
Sri Lanka	3,948	5,508	7,232	7,416	7,842	7,883	8,876
China and Taiwan	17,699	22,289	25,101	26,788	28,506	29,509	35,633
Japan	45,057	70,280	113,430	110,070	119,868	141,550	190,611
Australia	76,930	104,726	140,573	150,935	166,184	190,062	190,755
New Zealand	9,002	12,916	16,946	22,190	24,201	28,621	35,940
United Kingdom	88,746	113,216	125,331	133,494	122,579	124,187	132,232
U.K. Dependencies n.e.c.	11,338	12,938	16,063	17,650	18,124	19,995	22,748
France	11,079	14,745	21,792	24,017	28,238	35,104	37,686
Germany	14,048	18,800	24,361	29,919	35,367	39,777	44,951
Italy	6,293	8,660	11,247	12,230	14,867	13,592	15,761
Netherlands	13,100	16,980	20,670	22,233	25,837	30,989	38,132
Other European Countries	23,987	31,309	40,011	43,720	45,639	54,496	62,555
U.S.A.	91,403	105,251	117,777	125,998	130,455	147,260	143,324
Canada	7,736	9,655	11,416	13,025	14,916	16,902	19,264
Other Countries n.e.c.	17,872	21,510	27,516	32,937	32,066	35,887	44,038

Notes: Figures exclude Malaysian visitors embarking direct from Peninsular Malaysia.

10.12 VISITORS BY COUNTRY OF RESIDENCE
(By Air and Sea).

	Number						
Country	1971	1972	1973	1974	1975	1976	1977
Total	632,149	783,015	984,732	1,087,443	1,169,270	1,320,625	1,506,688
Malaysia	75,980	87,569	105,638	113,882	109,700	115,277	128,433
Brunei	7,911	9,953	12,345	13,745	18,062	21,579	24,376
Indonesia	98,492	107,602	139,127	172,231	207,197	245,719	300,367
Thailand	11,338	14,631	16,602	20,155	27,401	32,162	36,716
Philippines	14,401	14,196	12,774	17,745	19,992	23,285	27,159
India	18,664	18,792	21,789	24,342	25,606	23,285	24,501
Pakistan	1,997	1,785	3,109	3,272	3,659	4,149	5,237
Sri Lanka	3,497	4,740	6,379	6,497	6,764	6,697	7,281
China and Taiwan	8,715	11,088	12,900	15,804	17,120	18,057	23,164
Japan	46,153	71,271	113,398	109,268	118,668	139,539	188,921
Australia	106,544	139,401	174,082	184,328	194,246	217,008	216,103
New Zealand	11,195	16,778	21,644	27,370	28,758	34,723	44,120
United Kingdom	47,950	65,842	76,178	83,244	74,368	72,759	78,198
U.K. Dependencies n.e.c.	25,035	30,090	35,985	36,560	37,790	40,692	44,652
France	7,973	11,208	17,303	19,000	22,772	28,845	31,031
Germany	10,978	15,306	20,210	25,535	31,045	35,555	39,909
Italy	5,658	7,764	10,525	11,428	13,987	12,854	15,011
Netherlands	8,574	11,251	14,098	15,229	18,506	23,099	29,581
Other European Countries	18,695	25,398	33,246	37,408	39,534	48,930	56,317
U.S.A.	76,183	87,058	98,558	104,132	106,241	122,303	118,076
Canada	6,246	7,942	9,515	11,094	12,672	14,619	16,383
Other Countries n.e.c.	19,970	23,350	29,327	35,174	35,182	39,489	51,152

Notes: See notes to Table 10.11.

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

Number

Country	1972		1973		1974		1975		1976		1977	
	Air	Sea	Air	Sea	Air	Sea	Air	Sea	Air	Sea	Air	Sea
Total	738,258	44,757	934,020	50,712	1,026,764	60,679	1,104,866	64,404	1,251,339	69,286	1,443,656	63,032
Peninsular Malaysia	80,823	243	106,452	239	115,251	247	122,223	712	127,765	999	147,699	780
Brunei and Sabah-Sarawak	53,037	7,748	61,861	4,362	69,587	2,079	77,428	1,261	83,288	1,286	97,596	903
Indonesia	166,516	15,958	217,592	20,777	255,575	35,837	290,722	45,195	324,109	47,555	376,125	39,741
Thailand	80,344	161	109,751	58	120,000	59	119,415	247	137,186	58	154,082	47
Philippines	20,427	7	22,993	12	29,584	138	33,406	739	36,289	649	44,941	737
India, Pakistan and Sri Lanka	24,092	724	31,178	1,286	35,187	1,523	37,766	1,878	41,246	1,192	46,194	1,314
Hong Kong	57,816	2,783	71,150	2,152	69,958	1,966	77,432	675	92,477	612	106,119	817
Taiwan	7,496	5	7,841	113	10,044	107	12,437	93	16,620	36	19,154	45
Japan	28,052	160	46,573	972	46,505	498	55,668	496	71,840	690	99,368	428
Other Countries in Asia	12,401	2,334	15,452	2,117	19,267	2,300	16,599	1,157	15,570	550	22,496	437
Australia, New Zealand and Papua New Guinea	93,779	13,395	107,107	16,905	111,080	14,143	120,038	6,855	139,788	7,813	145,372	10,926
United Kingdom	69,659	71	74,115	72	74,228	93	64,596	32	68,615	25	76,688	28
Other Countries in Europe	38,032	70	54,973	82	56,837	212	61,889	105	77,250	203	92,467	329
U.S.A.	2,547	602	2,701	612	7,535	323	10,499	361	14,503	204	11,364	194
Africa	303	38	359	78	1,275	61	1,431	52	1,051	8	271	28
Other Countries n.e.c.	2,934	458	3,922	875	4,851	1,093	3,317	4,546	3,742	7,406	3,720	6,278

Notes: See notes to Table 10.11.

10.14 VISITORS BY PURPOSE OF VISIT
(By Air and Sea)

					Number
Year	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	603,189	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

Notes: See notes to Table 10.11.

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

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

Notes: Figures exclude returning residents of Singapore and Malaysian citizenship embarking from Peninsular Malaysia.

10.16 PUBLIC ROADS
(End of period)

Kilometres

Year	Total	Major Arterial Roads	Collector Roads	Local Roads Improved	Local Roads Unimproved
1967	1,862	229	109	822	702
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

Source: Public Works Department

10.17 VEHICLES REGISTERED
(End of period)

Year	Motor Cars		Buses	Goods Vehicles	Motor Cycles and Scooters	Bicycles	Trishaws	Number
	Private	Public ¹						Road Rollers and Tractors
1967	116,097	4,229	3,028	24,981	80,940	345,793	3,518	269
1968	121,106	4,030	2,980	27,435	90,283	354,481	3,432	283
1969	130,088	4,437	3,207	30,289	99,265	362,172	3,397	296
1970	142,568	4,570	3,420	34,119	105,214	372,276	3,389	317
1971	155,956	5,934	3,959	38,071	109,655	382,428	3,302	332
1972	168,991	6,025	4,343	41,805	115,619	392,341	3,257	364
1973	187,972	6,326	4,775	45,537	122,714	406,119	3,032	413
1974	142,674	6,306	4,779	36,424	84,849	426,821	2,914	272
1975	142,045	6,492	4,935	41,363	83,145	448,836	2,773	403
1976	135,499	6,581	5,217	45,733	84,016	478,309	2,706	461
1977	134,903	7,201	5,442	49,502	89,840	502,489	2,270	502

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

Source: Registry of Vehicles

1 Including taxis, hired cars and tuition cars.

10.18 ROAD CASUALTIES

Year	Persons											
	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	268	10,586	124	2,704	32	940	66	3,448	42	3,399	4	95

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
1967	192,555	51,558	1,581	66,732	41,435	5,796	1,745	23,699	9
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

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					
1967	421	705	24	38	105	106
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

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. Prior to 1965 when banks were regulated by the Ministry of Finance, the banking schedules were submitted to the Department of Statistics for compilation. From the beginning of 1965 the compilation was undertaken by Bank Negara Malaysia till the appointment of the Commissioner of Banking in the Ministry of Finance Singapore in June 1967. 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 ACUs 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 is incorporated 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 are entitled to withdraw from the Fund, provided that such persons have attained the age of fifty-five or are physically or mentally incapacitated from ever continuing in any employment. Non-citizens leaving Singapore and Peninsular Malaysia permanently with no intention to return are normally allowed to withdraw from the Fund. Since 1st September 1968, members have been allowed to use their deposits to make initial payments for purchase of Housing and Development Board flats. This regulation, 1968 was amended in 1975 to allow members who have applied to purchase flats from either the Housing and Development Board or the Jurong Town Corporation under the Approved Housing Scheme to withdraw the whole or part of their balances in the Fund for payment as deposits for the flat and also to enable members whose monthly family income is \$4,000 and below to use their balances in the Fund for the purchase of flats

built by the Housing & Urban Development Company (Pte) Ltd.

Withdrawals by members to purchase flats are expected to grow over the next few years as the demand for housing continues.

Contributions paid to the Fund increased from \$1,008.0 million in 1976 to \$1,114.7 million in 1977. However, the net increase in contributions received in 1977 after deducting withdrawals from the Fund amounted to \$611.2 million as compared with the net contributions of \$630.4 million received in 1976. With contributions received by the Fund increasing at a slower rate compared to withdrawals from the Fund, it is anticipated that the net contributions received by the Fund would decrease over the years.

Data on amount of the Central Provident Fund due to members refers 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
1967	424.4	418.1	6.3	362.0	85.3
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

Notes: 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	
1967	2,199.9	972.7	423.4	549.3	1,227.2
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

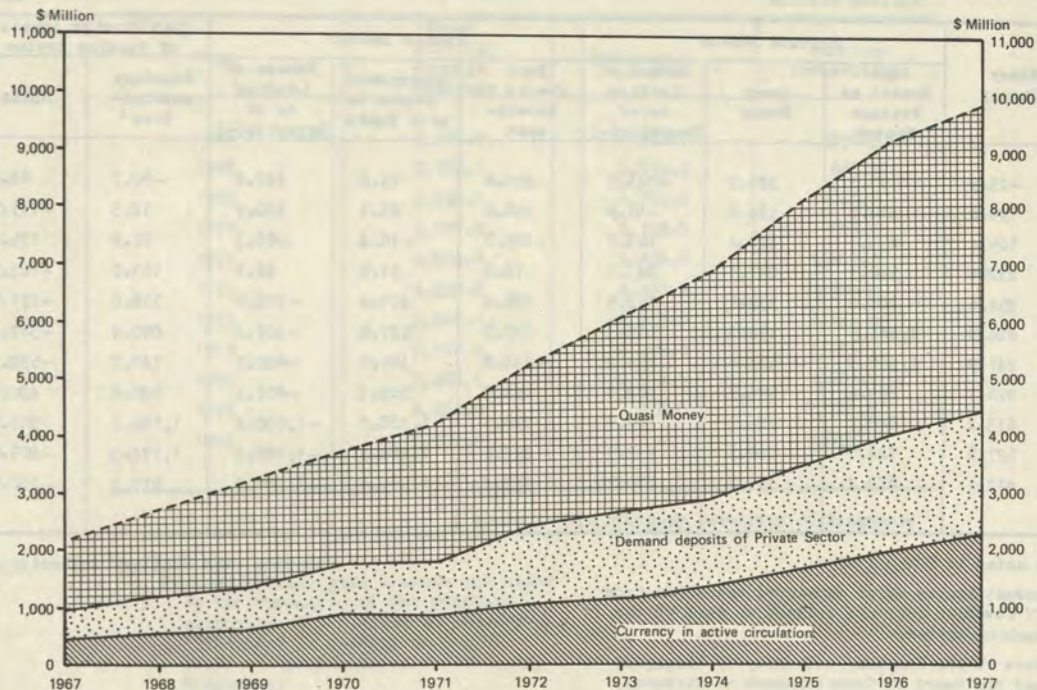
Source: The Monetary Authority of Singapore

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

1 See notes 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	
1967	-23.9	97.5	341.2	-243.7	251.6	13.8	237.8	-90.7	69.8	2.9
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

Notes: See notes to Table 11.2

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 Authorities ¹
1967	1,517.2	924.7	592.5
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	4,929.8	2,468.9	2,460.9
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

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

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
TOTAL	2,783.5	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
Cash	45.1	38.0	48.1	43.2	45.8	62.8	70.4	97.1	107.0	105.3	115.1
Amounts Due from Banks	557.2	726.7	859.0	940.9	1,092.4	1,660.3	1,746.5	2,665.5	3,052.7	3,528.7	3,712.5
In Singapore	289.8	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
Outside Singapore ¹	267.4	286.9	312.4	331.1	468.6	568.0	872.4	1,220.9	1,565.9	2,158.2	2,448.9
Balances with MAS ²	95.6	111.0	105.1	129.0	147.4	232.7	593.9	444.9	454.1	511.7	546.3
Money at Call with Discount Houses ³	-	-	-	-	-	94.0	354.4	392.7	415.9	491.4	525.7
S\$ Negotiable Certificates of Deposits held	-	-	-	-	-	-	-	-	381.2	380.1	292.6
Investments in Securities and Equities	488.9	880.3	821.9	920.7	1,276.5	1,438.2	1,156.7	1,240.8	1,437.7	1,775.3	1,911.4
In Singapore	394.5	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
Outside Singapore	94.4	95.8	97.8	93.1	100.3	113.7	90.0	90.6	77.8	81.1	64.1
Loans and Advances including Bills Financing	1,437.5	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
Bills discounted or purchased	331.9	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
External	120.3	114.9	204.5	199.7	211.1	293.4	418.2	443.6	484.9	714.1	1,090.3
Internal	211.6	248.5	280.7	354.7	343.6	434.2	706.5	789.8	841.3	908.4	1,261.9
Loans and Advances	1,105.6	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
All Other Assets	159.2	203.2	227.9	285.7	331.1	410.1	526.2	633.4	738.7	840.1	951.4

1 Commencing March 1971 figures include Asian Currency Units.

Source: The Monetary Authority of Singapore

2 Figure 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

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
TOTAL	2,783.5	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
Deposits of Non-bank Customers	1,828.2	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
Demand deposits	587.7	733.6	811.6	947.7	1,082.9	1,557.4	1,786.2	1,806.4	2,111.1	2,378.2	2,513.9
Fixed deposits	919.2	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
Savings deposits	302.1	320.6	355.3	412.9	480.4	602.8	708.5	738.6	890.6	999.2	1,069.5
Other deposits	19.2	15.3	15.6	16.0	14.7	26.3	40.3	40.5	38.4	48.7	57.8
S\$ Negotiable Certificates of Deposits held	-	-	-	-	-	-	-	-	527.6	617.8	513.4
Amounts Due to Banks	583.3	839.1	876.3	1,045.8	1,438.3	2,361.9	3,063.0	3,475.7	3,695.6	4,432.0	5,044.2
In Singapore	291.0	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
Outside Singapore ¹	292.3	412.3	343.0	446.3	802.7	1,257.6	2,098.1	2,005.5	2,179.9	3,059.8	3,772.5
All Other Liabilities	372.0	525.3	652.6	800.9	878.8	1,092.3	1,856.5	2,343.3	2,587.4	2,988.5	3,710.9

¹ See footnote 1 to Table 11.5

Source: The Monetary Authority of Singapore

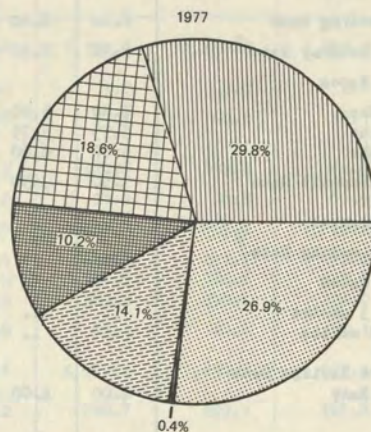
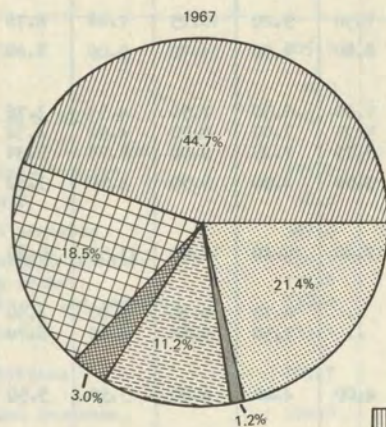
11.7 BANKS' LOANS AND ADVANCES TO NON-BANK CUSTOMERS BY INDUSTRY
(End of period)

Million Dollars

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
TOTAL	1,105.6	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
Singapore Government and Other Public Authorities	0.9	-	-	0.5	-	0.3	-	0.1	-	12.3	11.7
Agriculture	13.5	14.8	16.4	25.1	23.8	22.4	25.3	31.9	26.8	31.0	29.8
Mining and Quarrying	7.9	11.0	11.9	16.2	14.4	8.6	8.1	9.4	6.5	8.5	6.6
Manufacturing	236.5	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
Building and Construction	123.7	130.4	157.3	181.9	238.7	407.6	728.4	879.6	1,013.0	1,033.4	1,106.4
General Commerce	493.5	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
Transport, Storage and Communication	10.9	12.1	23.7	33.1	62.7	154.0	237.7	246.9	242.8	268.7	339.7
Financial Institutions	33.5	49.9	65.7	78.8	143.7	282.4	333.1	366.4	543.9	743.4	802.1
Others	185.2	254.8	374.9	415.0	490.7	630.3	846.5	690.4	783.8	977.6	1,096.4

Source: The Monetary Authority of Singapore

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



-  General Commerce
-  Manufacturing
-  Agriculture
-  Construction
-  Financing, Insurance and Real Estate
-  Others

11.8 DOMESTIC INTEREST RATES
(End of period)

Per Cent Per Annum

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
Banks ¹										
Prime Lending Rate	8.00	8.00	8.00	8.00	7.50	9.00	10.25	7.08	6.78	7.02
Average Lending Rate ²	8.90	8.90	8.90	9.00	8.80	9.90	11.70	9.00	8.60	8.60
Deposit Rates										
3 months	5.50	5.50	5.50	5.50	5.00	6.50	7.50	4.31	3.76	4.54
6 months	5.75	5.75	5.75	5.75	5.25	7.00	8.00	4.96	4.34	4.98
12 months	6.00	6.00	6.00	6.00	5.75	7.25	9.00	5.79	5.31	5.53
Savings Deposit Rate	3.50	3.50	3.50	3.50	3.50	4.00	5.50	3.50	3.52	3.68
Finance Companies										
Average Lending Rate ²	..	..	..	12.60	12.40	10.40	12.60	11.50	10.80	10.20
Deposit Rates										
Up to 3 months	..	..	..	..	..	6.70	8.30	5.00	4.90	5.30
3 - 12 months	..	..	..	..	..	7.50	9.80	6.80	6.70	6.50
Post Office Savings Bank										
Deposit Rate	4.00	4.00	4.00	4.00	4.00	4.00	6.00	5.50	5.50	5.00

Source: The Monetary Authority of Singapore

- 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.

- 2 These rates are weighted by outstanding loans.

11.9 ASSETS AND LIABILITIES OF FINANCE COMPANIES

(End of period)

Million Dollars

	1971	1972	1973	1974	1975	1976	1977
Total Assets	705.7	867.7	1,155.6	1,392.4	1,430.4	1,607.4	1,761.2
Cash	0.9	1.5	1.5	5.0	3.0	2.1	2.2
Balances with MAS	18.7	33.6	76.0	67.7	62.1	70.1	76.2
Deposits with Banks and other Institutions	225.0	262.6	275.2	390.0	369.4	384.8	366.0
Investments	38.6	27.1	33.2	28.0	38.3	56.9	71.3
Loans and Advances	389.4	498.9	724.9	840.3	897.0	1,026.4	1,176.9
Hire purchase finance	126.2	169.8	221.1	232.0	191.7	192.4	258.6
Housing loans	124.8	179.1	266.6	307.5	354.6	440.0	439.1
Other loans and advances	138.4	150.0	237.2	300.8	350.7	394.0	479.2
Other Assets	33.1	44.0	44.8	61.4	60.6	67.1	68.6
Total Liabilities	705.7	867.7	1,155.6	1,392.4	1,430.4	1,607.4	1,761.2
Capital and Reserves	102.0	118.6	181.2	226.7	242.1	267.8	286.1
Deposits from Individuals and Institutions	553.2	683.2	853.8	1,031.1	1,048.4	1,191.2	1,305.4
Savings deposits	16.2	19.7	25.7	26.0	36.1	43.9	50.6
Fixed deposits	504.3	621.1	779.0	966.3	965.2	1,115.1	1,221.5
Other deposits	32.7	42.4	49.1	38.8	47.1	32.2	33.3
Other Liabilities	50.5	65.9	120.6	134.6	139.9	148.4	169.7

Source: The Monetary Authority of Singapore

11.10 DEPOSITS AND WITHDRAWALS OF POST OFFICE SAVINGS BANK

Million Dollars

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
Depositors (end of period) (Number)	260,392	278,549	447,445	508,933	554,775	622,714	731,956	831,751	950,470	1,144,990	1,343,904
Amount:											
Deposited	18.5	22.8	38.1	45.1	57.8	87.3	135.9	221.3	554.5	1,000.4	1,535.7
Withdrawn	19.2	19.2	25.1	32.6	42.3	57.5	95.8	134.0	295.5	591.9	1,005.3
Due to Depositors (end of period)	37.8	42.8	57.7	72.7	91.2	125.2	170.9	269.4	553.5	1,004.4	1,606.7

Source: Post Office Savings Bank

11.11 CONTRIBUTIONS AND WITHDRAWALS OF CENTRAL PROVIDENT FUND

Million Dollars

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
Amount:											
Contributed	55.8	68.0	106.6	156.4	223.6	330.8	474.7	686.7	886.6	1,008.0	1,114.7
Withdrawn	16.5	30.7	42.4	45.7	56.4	57.9	93.5	154.1	216.8	377.6	503.5
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
Due to Members (end of period)	447.3	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

Source: Central Provident Fund Board

11.12 ASSETS AND LIABILITIES OF ASIAN CURRENCY UNITS
(End of period)

Million US Dollars

	1970	1971	1972	1973	1974	1975	1976	1977
Total Assets	389.8	1,062.8	2,976.1	6,277.2	10,357.3	12,597.4	17,354.1	21,018.3
Loans to non-banks	13.9	188.8	600.9	1,214.3	2,629.4	3,303.4	4,048.3	4,782.0
Interbank funds	370.2	850.8	2,331.1	4,961.9	7,528.0	9,098.5	12,951.4	15,751.5
In Singapore	13.1	38.5	99.4	261.6	223.0	270.1	414.4	573.4
Outside Singapore ¹	357.1	812.3	2,231.7	4,700.3	7,305.0	8,828.4	12,537.0	15,178.1
Other assets	5.7	23.2	44.1	101.0	199.9	195.5	354.4	484.8
Total Liabilities	389.8	1,062.8	2,976.1	6,277.2	10,357.3	12,597.4	17,354.1	21,018.3
Deposits of non-banks	243.7	237.8	398.7	912.8	1,614.2	2,067.7	1,960.3	2,254.6
Interbank funds	141.0	811.2	2,550.1	5,249.3	8,531.4	10,294.3	15,067.2	18,350.3
In Singapore	5.7	56.4	145.0	405.6	675.6	584.0	799.2	1,382.8
Outside Singapore ¹	135.3	754.8	2,405.1	4,843.7	7,855.8	9,710.3	14,268.0	16,967.5
Other liabilities	5.1	13.8	27.3	115.1	211.7	235.4	326.6	413.4

¹ Includes inter-ACU transactions.

Source: The Monetary Authority of Singapore

11.13 PLEDGES AT PAWNSHOPS

Year	Pledges		Amount of Loan	
	Received	Redeemed	Given Out	Redeemed including Interest
	Number		Million Dollars	
1967	1,847,488	1,623,986	82.5	77.6
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

11.14 LIFE INSURANCE POLICIES

	1968	1969	1970	1971	1972	1973	1974	1975	1976
	Number								
Policies in Force (at end period)	61,242	62,417	66,661	79,009	93,332	111,509	124,177	140,041	155,425
New Policies	10,735	9,716	11,835	20,059	26,480	28,876	25,570	30,271	34,628
Policies Matured or Discontinued	7,180	8,541	7,591	7,711	12,157	10,699	12,902	14,407	19,244
	Thousand Dollars								
Policies in Force:									
Amount insured (at end period)	476,037	527,181	627,798	812,831	1,046,766	1,412,098	1,820,078	2,237,001	2,717,174
Premiums	23,505	25,488	28,898	35,044	42,226	52,365	61,890	73,121	85,058
New Policies:									
Amount insured	90,823	108,759	155,424	253,290	330,065	471,843	566,543	655,128	765,334
Premiums	4,191	4,671	5,980	9,112	10,908	14,237	14,949	18,037	20,764
Policies Matured or Discontinued:									
Amount insured	48,255	57,615	54,807	68,257	96,129	106,511	158,564	238,206	285,161
Premiums	2,409	2,689	2,570	2,966	3,725	4,098	5,424	7,165	8,827

Source: Insurance Commissioner

11.15 REVENUE AND EXPENDITURE ACCOUNTS OF LIFE INSURANCE FUNDS

Thousand Dollars

	1968	1969	1970	1971	1972	1973	1974	1975	1976
REVENUE									
Total	137,238	154,489	171,233	194,952	227,885	266,325	302,000	344,678	399,984
Balance of Revenue Account at beginning of year	104,061	117,924	129,617	147,832	165,053	192,205	218,297	249,624	290,359
Premiums	23,114	25,949	29,410	34,222	41,083	49,132	55,122	67,735	81,908
Net interest, dividends and rents	8,309	8,488	9,598	10,296	11,770	13,560	16,848	20,955	23,270
Miscellaneous	1,754	2,128	2,608	2,602	9,979	11,428	11,733	6,364	4,447
EXPENDITURE									
Total	137,238	154,489	171,233	194,952	227,885	266,325	302,000	344,678	399,984
Claims on death, disability and maturity	5,225	6,009	6,379	8,877	9,520	10,078	13,275	13,878	16,688
Surrenders	3,109	3,607	4,005	3,799	4,575	5,335	6,852	7,613	8,755
Cash bonuses and annuities	1,288	1,681	1,626	1,594	1,865	2,141	2,395	2,564	2,867
Management expenses:									
Commission	3,492	4,088	4,976	6,515	8,037	10,284	11,212	14,703	17,542
Salaries	1,674	1,767	1,846	2,326	2,601	3,075	3,504	4,174	4,367
Other	2,482	2,629	2,892	3,993	4,509	7,231	7,482	8,423	10,469
Miscellaneous	2,044	5,091	1,677	2,793	4,573	9,884	7,656	2,964	2,955
Balance of Revenue Account at end of year	117,924	129,617	147,832	165,055	192,205	218,297	249,624	290,359	336,341

Source: Insurance Commissioner

11.16 ASSETS OF LIFE INSURANCE FUNDS
(End of period)

Thousand Dollars

	1968	1969	1970	1971	1972	1973	1974	1975	1976
TOTAL	133,134	144,972	164,532	185,895	221,054	251,766	284,057	337,068	387,427
Fixed Assets:	12,439	12,599	14,121	15,627	18,861	20,217	27,336	29,966	31,284
Property	12,096	12,285	13,794	15,283	18,384	19,490	26,398	28,782	29,760
Furniture	343	314	327	344	477	727	938	1,184	1,524
Loans:	26,795	27,270	29,754	30,750	33,430	40,017	53,888	58,908	58,777
On mortgages	14,353	14,024	15,120	14,650	16,004	19,645	29,601	31,747	28,031
On policies	11,946	13,029	14,416	15,865	17,087	19,837	23,492	26,438	30,047
Other	496	217	218	235	339	535	795	723	699
Investments:	75,385	87,037	95,229	108,451	123,387	162,994	161,874	188,399	224,051
Government and Statutory Authorities	37,516	48,542	51,378	55,652	65,266	74,816	77,289	84,682	101,189
Debentures and shares	37,869	38,495	43,851	52,799	58,121	88,178	84,585	103,717	122,862
Cash and Deposits	14,274	12,837	18,892	22,062	33,145	19,900	29,105	46,687	56,846
Miscellaneous (including outstanding premiums)	4,241	5,229	6,536	9,005	12,231	8,638	11,854	13,108	16,469

Source: Insurance Commissioner

11.17 PREMIUMS AND CLAIMS OF GENERAL INSURANCE FUNDS

Thousand Dollars

	1968	1969	1970	1971	1972	1973	1974	1975	1976
Net Premiums ¹ : Total	47,331	56,433	67,953	84,836	106,699	127,948	153,013	171,218	196,217
Marine, Aviation or Transit	9,714	12,126	14,345	16,377	18,499	25,190	30,468	31,311	38,387
Other:	37,617	44,307	53,608	68,459	88,200	102,758	122,545	139,907	157,830
Fire	7,683	8,870	10,743	13,634	15,824	21,063	27,004	29,714	34,642
Motor vehicles	19,718	22,637	25,982	29,394	34,256	40,028	42,396	41,966	46,020
Miscellaneous	10,216	12,800	16,883	25,431	38,120	41,667	53,145	68,227	77,168
Net Claims ² : Total	17,087	19,233	23,432	27,821	35,580	42,184	53,750	60,689	67,202
Marine, Aviation or Transit	4,561	5,024	6,128	7,159	8,718	10,031	15,636	17,769	15,287
Other:	12,526	14,209	17,304	20,662	26,862	32,153	38,114	42,920	51,915
Fire	985	757	1,385	2,498	3,524	5,186	5,780	6,852	9,537
Motor vehicles	9,228	10,386	11,884	13,890	16,463	18,091	20,626	22,349	23,152
Miscellaneous	2,313	3,066	4,035	4,274	6,875	8,876	11,708	13,719	19,226

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.

11.18 REVENUE AND EXPENDITURE ACCOUNTS OF GENERAL INSURANCE FUNDS

Thousand Dollars

	1968	1969	1970	1971	1972	1973	1974	1975	1976
REVENUE									
Total	95,580	113,327	137,356	170,064	214,916	270,144	330,005	337,698	439,716
Balance of Revenue Account at beginning of year	6,893	7,666	7,702	10,437	8,020	5,546	18,112	18,116	33,140
Reserves at beginning of year	19,272	21,867	26,218	31,107	39,619	49,278	59,541	70,496	79,318
Provision for outstanding claims	14,682	18,190	22,681	28,188	35,778	53,234	60,301	71,613	80,598
Premiums	47,331	56,433	67,953	84,836	106,699	127,949	153,013	171,218	196,217
Net interest, dividends and rents	2,581	2,798	3,678	4,398	5,322	6,846	10,296	11,604	12,354
Miscellaneous	4,821	6,373	9,124	11,098	19,478	27,291	28,742	34,653	38,089
EXPENDITURE									
Total	95,580	113,327	137,356	170,064	214,916	270,144	330,005	377,698	439,716
Claims paid, admitted or intimated	35,230	41,914	51,620	63,599	88,815	102,362	125,364	138,029	157,071
Management expenses:									
Commission	13,075	15,389	18,320	22,476	27,879	33,080	39,608	44,565	52,268
Other	11,639	12,982	15,537	17,900	22,833	26,838	35,326	45,170	55,114
Miscellaneous	6,750	9,123	10,296	18,450	20,573	29,540	41,098	39,433	52,327
Balance of Revenue Account at end of year	7,123	7,702	10,436	8,020	5,546	18,222	18,113	32,526	35,295
Reserves at end of year	21,763	26,217	31,147	39,619	49,270	60,102	70,496	77,975	87,641

Source: Insurance Commissioner

11.19 ASSETS OF GENERAL INSURANCE FUNDS
(End of period)

Thousand Dollars

	1968	1969	1970	1971	1972	1973	1974	1975	1976
TOTAL	65,724	74,944	89,962	107,412	137,030	172,676	212,378	250,075	299,809
Fixed Assets	13,404	13,454	15,402	19,840	20,780	24,217	27,142	28,317	33,963
Property)									
Furniture)									
Loans	2,740	1,570	2,504	2,070	2,182	6,001	9,109	7,810	7,354
On mortgages)									
On policies)									
Other)									
Investments	22,836	26,606	29,633	36,386	46,059	56,355	58,877	79,755	105,959
Government and Statutory									
Authorities	13,097	14,972	16,524	19,598	25,617	28,452	34,885	42,783	52,206
Debentures and shares	9,739	11,634	13,109	16,788	20,442	27,903	23,992	36,972	53,753
Cash and Deposits	18,840	24,068	31,165	33,853	47,349	59,470	85,625	99,746	110,804
Miscellaneous	7,904	9,246	11,258	15,263	20,660	26,633	31,624	34,447	41,729

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, other import duties, 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. These two departments jointly collected 70 per cent of the total estimated revenue in 1977/78.

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 expenditure incurred in the earning of income. 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.

During the period 16th September 1963 to 8th August 1965, Singapore was a constituent state of Malaysia and had special agreement regarding revenue and expenditure. Revenue was divided into State Revenue and Federal Revenue and 40 per cent of Federal Revenue was transferred to the Federal Government Account, and expenditure in respect of Federal Departments was 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

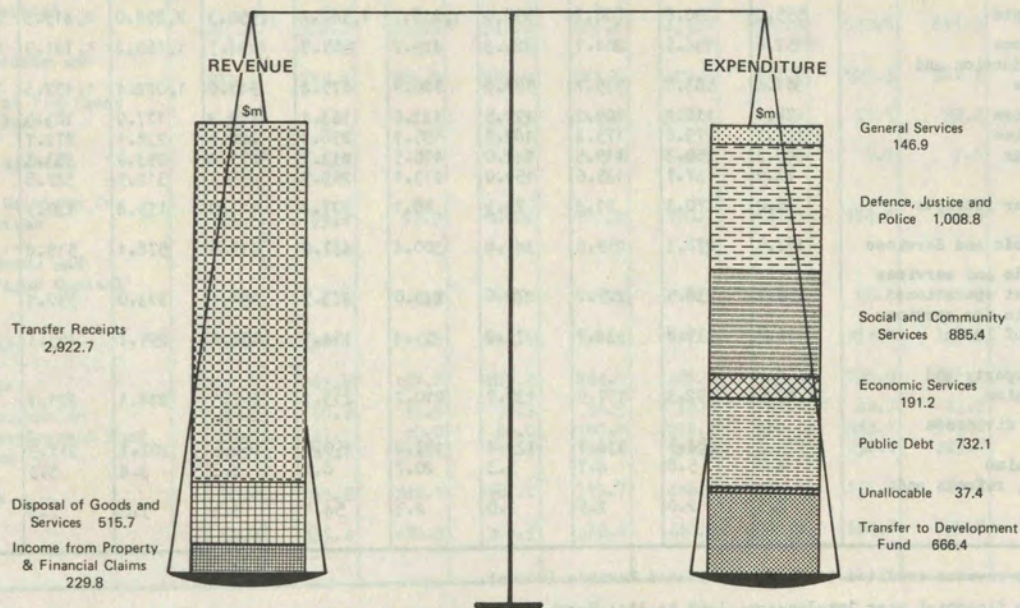
Million Dollars

Year	Revenue	Expenditure			Surplus/ deficit(-)	Financing	
		Total	Current	Development		Borrowing/ redemption(-)	Use/accumulation (-) of cash balances and foreign assets
1967	710.2	730.3	553.8	176.5	-20.1	329.3	-309.2
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	1,818.9	1,687.0	1,177.4	509.6	131.9	476.3	-608.2
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

Notes: 1 Refer to financial year 1st January 1969 to 31st March 1970.

Source: Accountant-General

GOVERNMENT REVENUE AND EXPENDITURE 1978/79 (Estimates)



12.2 ECONOMIC CLASSIFICATION OF GOVERNMENT REVENUE

Million Dollars

	1968	1969/70 ²	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	1976/77	1977/78 Estimates	1978/79 Estimates
TOTAL ¹	803.0	1,261.2	1,266.5	1,468.5	1,749.3	2,219.2	2,556.9	3,092.2	3,156.2	3,362.4	3,668.2
Transfer Receipts	555.0	890.6	888.7	996.0	1,238.7	1,568.4	1,950.3	2,298.0	2,419.3	2,609.9	2,922.7
Taxes on income	157.6	236.5	261.7	325.3	429.7	585.7	894.7	1,160.2	1,141.9	1,380.0	1,450.0
Taxes on production and expenditure	361.4	583.8	535.7	591.2	720.9	875.4	942.6	1,022.4	1,157.3	1,106.7	1,348.1
Excise Duties	78.1	116.2	109.2	127.5	141.6	163.4	170.2	177.9	183.5	186.0	200.9
Import Duties	121.1	179.6	175.4	162.7	195.7	238.4	222.5	238.1	272.7	247.8	295.0
Property Tax	88.3	150.3	115.5	142.0	170.5	213.7	271.4	293.9	353.3	330.6	404.5
Others	73.9	137.7	135.6	159.0	213.1	259.9	278.5	312.5	347.8	342.3	447.7
Other transfer receipts	36.0	70.3	91.3	79.5	88.1	107.3	113.0	115.4	120.1	123.2	124.6
Disposal of Goods and Services	167.5	278.3	259.9	341.8	300.4	437.6	439.5	578.1	515.2	537.6	515.7
Sales of goods and services from current operations	150.7	238.5	225.2	270.6	245.0	273.5	288.1	323.0	350.1	354.8	391.3
Reimbursements for services and sales of lands	16.8	39.8	34.7	71.2	55.4	164.1	151.4	255.1	165.1	182.8	124.4
Income from Property and Financial Claims	80.5	92.3	117.9	130.7	210.2	213.2	167.1	216.1	221.7	214.9	229.8
Interest and dividends received	73.3	84.5	110.7	123.4	187.2	150.6	160.5	207.7	211.3	206.8	223.6
Financial claims	4.7	5.8	4.7	5.3	20.7	8.5	3.3	3.4	3.3	3.3	3.2
Overpayments, refunds and others	2.5	2.0	2.5	2.0	2.3	54.1	3.3	5.0	7.1	4.8	3.0

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

Million Dollars

	1968	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	1976/77	1977/78 Estimates	1978/79 Estimates
TOTAL	702.0	1,101.5	1,206.5	1,437.7	1,579.2	2,107.4	2,492.6	2,984.4	3,148.3	3,362.4	3,668.2
Salaries of Government Employees	255.4	338.2	292.8	347.4	385.6	433.9	513.8	572.6	611.3	788.9	800.9
Personal emoluments and allowances	252.1	333.1	286.5	339.9	371.6	407.3	474.8	525.3	561.1	726.0	733.3
Contributions to Provident and Pension Funds	3.3	5.1	6.3	7.5	14.0	26.6	39.0	47.3	50.2	62.9	67.6
Rental of Fixed Assets	1.3	1.9	1.9	2.2	1.8	2.3	3.0	8.9	7.6	9.4	9.1
Other Goods and Services for Current Operations	83.7	99.8	92.2	101.6	107.2	150.7	143.3	154.8	164.2	188.5	221.5
Expenditure on Goods and Services for Fixed Capital Formation	13.8	6.6	5.9	11.8	11.3	9.3	13.3	20.4	18.2	33.4	28.7
Interest Payments	60.6	96.6	93.8	114.1	140.9	177.7	207.5	252.1	345.7	454.0	604.3
Transfer Payments	127.1	165.8	197.6	209.7	244.1	465.8	745.1	721.9	876.1	965.3	1,039.0
Transfer to households	30.5	40.2	33.5	32.3	34.5	42.4	41.0	42.7	43.3	48.9	49.4
Transfer to Development Fund	30.1	37.5	40.0	80.0	100.0	272.5	480.0	443.1	583.0	611.3	666.4
Other transfers	66.5	88.1	124.1	97.4	109.6	150.9	224.1	236.1	249.8	305.1	323.2
Financial Claims	90.8	153.2	242.1	284.0	315.7	426.8	355.0	625.9	369.4	39.7	129.5
Unallocable ¹	69.3	239.4	280.2	366.9	372.6	440.9	511.6	627.8	755.8	883.2	835.2

Notes: 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 to facilitate Economic Classification.

12.4 FUNCTIONAL CLASSIFICATION OF GOVERNMENT MAIN EXPENDITURE

	1968	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	1976/77	Million Dollars	
										1977/78 Estimates	1978/79 Estimates
TOTAL	702.0	1,101.5	1,206.5	1,437.7	1,579.2	2,107.4	2,492.6	2,984.4	3,148.3	3,362.4	3,668.2
General Services	65.3	66.5	89.3	63.8	73.9	118.5	98.9	100.9	102.8	148.1	146.9
Defence, Justice and Police	123.5	305.4	333.3	424.9	437.6	524.8	613.6	739.3	877.8	1,050.8	1,008.8
Social and Community Services	268.4	355.0	311.6	320.4	363.7	483.3	574.9	650.3	693.3	852.2	885.4
Education	149.8	202.0	177.6	191.1	206.5	261.4	296.6	328.9	346.0	411.2	432.1
Health	74.7	97.7	82.8	86.3	101.1	103.6	125.4	142.4	147.7	191.9	195.4
Other Social and Community Services	43.9	55.3	51.2	43.0	56.1	118.3	152.9	179.0	199.6	249.1	257.9
Economic Services	49.0	64.8	71.9	92.9	75.8	67.5	114.6	141.5	144.7	171.6	191.2
Agricultural, Non-mineral Resources Industrial and Commercial Development	5.4	8.2	14.3	24.9	22.5	12.8	36.8	40.9	39.6	53.8	54.5
Transport and Communication	32.3	43.9	39.2	47.3	31.7	35.9	43.2	52.9	54.4	62.3	98.2
Other Economic Services	11.3	12.7	18.4	20.7	21.6	18.8	34.6	47.7	50.7	55.5	38.5
Public Debt	147.3	245.3	332.6	392.3	453.6	603.4	557.3	875.4	712.7	490.9	732.1
Unallocable	18.4	27.0	27.8	63.4	74.6	37.4	53.3	33.9	34.0	37.5	37.4
Transfer to Development Fund	30.1	37.5	40.0	80.0	100.0	272.5	480.0	443.1	583.0	611.3	666.4

12.5 ECONOMIC-FUNCTIONAL CLASSIFICATION OF GOVERNMENT MAIN AND DEVELOPMENT EXPENDITURE, 1977

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	4,531,936	124,211	976,243	424,822	188,916	1,124,359	841,617	851,768
Salaries of Government Employees	644,322	77,215	106,982	194,245	119,396	88,636	57,848	-
Personal Emoluments and Allowances	590,667	70,420	100,165	180,708	108,893	78,371	52,110	-
Contributions to Provident and Pension Funds	53,655	6,795	6,817	13,537	10,503	10,265	5,738	-
Rental of Fixed Assets	7,680	4,115	380	85	482	1,368	1,250	-
Expenditure on Goods and Services	819,040	39,799	117,932	34,052	64,594	202,090	360,564	9
Interest Payments	437,427	170	-	-	-	-	-	437,257
Transfer Payments	362,079	2,068	1,739	195,649	4,444	70,328	54,485	33,366
Transfer to Households	43,683	98	37	3,041	163	5,285	1,770	33,289
Transfer to Public Authorities and Non-Profit Institutions	246,101	818	855	149,969	2,093	63,557	28,809	-
Capital Transfer to Domestic Sector	68,562	-	-	42,286	2,017	1,353	22,906	-
Other Transfers	3,733	1,152	847	353	171	133	1,000	77
Financial Claims	1,512,151	810	7	791	-	761,937	367,470	381,136
Unallocable ¹	749,237	34	749,203	-	-	-	-	-

Notes: Figures refer to calendar year 1.1.77 to 31.12.77.
Excludes transfer to Development Fund Account of \$582,950,000.

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

12.6 ECONOMIC-FUNCTIONAL CLASSIFICATION OF GOVERNMENT MAIN EXPENDITURE, 1977

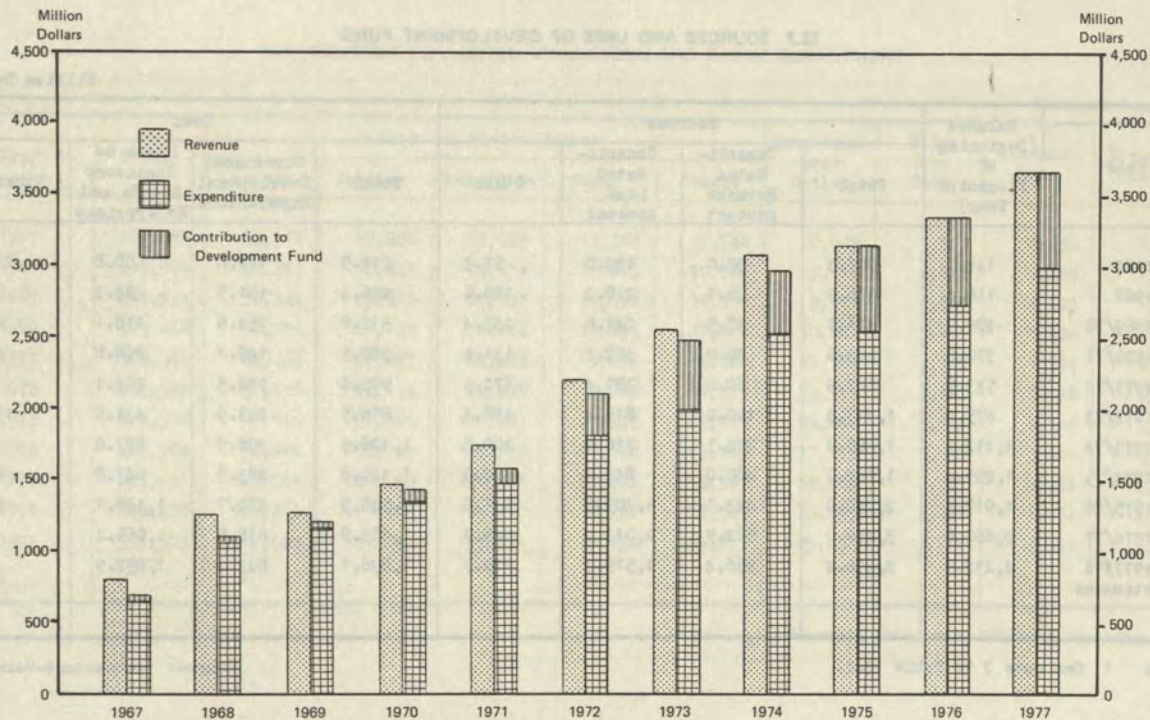
Thousand Dollars

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	2,708,141	111,577	881,707	354,638	154,821	205,067	148,563	851,768
Salaries of Government Employees	644,322	77,215	106,982	194,245	119,396	88,636	57,848	-
Personal Emoluments and Allowances	590,667	70,420	100,165	180,708	108,893	78,371	52,110	-
Contributions to Provident and Pension Funds	53,655	6,795	6,817	13,537	10,503	10,265	5,738	-
Rental of Fixed Assets	7,680	4,115	380	85	482	1,368	1,250	-
Expenditure on Goods and Services	193,971	27,165	23,396	6,945	32,516	46,087	57,853	9
Interest Payments	437,427	170	-	-	-	-	-	437,257
Transfer Payments	293,517	2,068	1,739	153,363	2,427	68,975	31,579	33,366
Transfer to Households	43,683	98	37	3,041	163	5,285	1,770	33,289
Transfer to Public Authorities and Non-profit Institutions	246,101	818	855	149,969	2,093	63,557	28,809	-
Other Transfers	3,733	1,152	847	353	171	133	1,000	77
Financial Claims	381,987	810	7	-	-	1	33	381,136
Unallocable ¹	749,237	34	749,203	-	-	-	-	-

Notes: See notes to Table 12.5.

¹ See footnote (1) to Table 12.5.

GOVERNMENT REVENUE AND EXPENDITURE



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
1967	141.0	207.3	30.0	120.0	57.3	211.9	119.8	68.8	23.3
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 Estimates	4,432.9	2,996.4	556.4	1,519.3	920.7	1,896.1	843.2	1,052.9	-

Note: 1 See note 2 to Table 12.2.

Source: Accountant-General

12.8 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				
1967	185,983	43,517	47,096	53,021	13,327	16,546	8,549	1,503	1,165	1,259
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

Source: Customs and Excise Department

12.9 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
1967	244,775	128,558	78,649	7,334	8,358	10,108	6,463	4,999	306
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	1,821,919	1,280,016	355,204	22,880	59,697	65,756	25,499	12,655	212

Notes: 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.

12.10 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 Develop- ment Bank	Capital Market Loan	Others ²
1967	1,024.3	979.8	584.6	80.0	313.5	1.7	44.5	-	-	-	-	44.5
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	965.3	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	7,316.6	6,656.8	5,322.1	75.0	819.0	440.7	659.8	270.1	65.7	14.0	233.3	76.7
1977	9,121.7	8,143.1	6,851.4	115.0	827.6	349.1	978.6	270.1	79.6	14.9	522.3	91.7

Notes: 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

12.11 GOVERNMENT REGISTERED STOCKS BY HOLDERS
(End of period)

Million Dollars

Categories of Holders	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
TOTAL ¹	756.7	965.3	1,087.7	1,349.6	1,628.0	2,332.6	2,761.2	3,747.4	5,322.1	6,851.4
Central Provident Fund	474.4	564.1	681.8	892.8	1,092.1	1,572.2	1,978.8	2,803.0	3,743.4	4,584.1
Public Authorities	187.9	222.4	212.2	190.1	177.7	189.8	165.5	211.0	190.5	245.4
Post Office Savings Bank	7.8	49.1	61.6	86.7	88.9	45.9	44.4	66.4	305.2	667.2
Insurance Companies	24.8	31.5	35.9	44.8	56.9	80.1	89.4	105.9	133.8	163.2
Commercial Banks	37.8	66.8	60.0	92.4	140.8	257.3	344.0	352.4	610.5	733.7
Nominees and Trustees	19.0	21.7	24.5	25.2	43.3	61.8	22.1	114.5	163.2	202.3
Discount Houses ²	-	-	-	-	-	79.9	76.4	28.6	74.1	112.1
Others	4.9	9.7	11.6	17.7	28.3	45.6	40.6	65.6	101.4	143.4

Notes: 1 Includes Special Issues of 1968 and 1969.

Source: The Monetary Authority of Singapore

2 Discount houses commenced operations in November 1972.

12.12 TAXPAYERS, ASSESSED INCOME AND TAX ASSESSED, 1975 AND 1976

	Assessed			Assessed Income			Tax Assessed			
	Total	Resident	Non-Resident	Total	Resident	Non-Resident	Total	Resident	Non-Resident	
	Number			Thousand Dollars						
	1 9 7 5									
	TOTAL	236,711	228,786	7,925	5,435,533	5,099,608	335,925	1,343,041	1,214,018	129,023
	Individuals	229,970	222,602	7,368	2,891,979	2,842,212	49,767	339,453	324,543	14,910
	Employees	190,193	184,181	6,012	2,212,147	2,178,560	33,587	230,958	221,419	9,539
	Sole Proprietors	19,029	18,188	841	304,314	297,912	6,402	43,977	42,469	1,508
	Partners	20,748	20,233	515	375,518	365,740	9,778	64,518	60,655	3,863
	Companies	5,324	4,782	542	2,513,396	2,227,274	286,122	990,846	876,747	114,099
	Trusts, Clubs and Associations, Hindu Joint Families	1,417	1,402	15	30,158	30,122	36	12,742	12,728	14
	1 9 7 6									
	TOTAL	235,931	229,692	6,239	4,757,259	4,413,998	343,261	1,022,892	895,159	127,733
Individuals	229,978	224,223	5,755	3,102,780	3,055,774	47,006	368,549	355,619	12,930	
Employees	193,947	189,374	4,573	2,448,234	2,417,035	31,199	263,934	255,881	8,053	
Sole Proprietors	17,831	17,021	810	305,878	298,001	7,877	44,498	42,784	1,714	
Partners	18,200	17,828	372	348,668	340,737	7,931	60,117	56,954	3,164	
Companies	5,056	4,572	484	1,648,187	1,351,932	296,255	651,932	573,129	114,803	
Trusts, Clubs and Associations, Hindu Joint Families	897	897	-	6,292	6,292	-	2,411	2,411	-	

Notes: Figures for 1975 refer to assessments made during the period 1.1.75 to 31.12.76 (24 months).

Figures for 1976 refer to assessments made during the period 1.1.76 to 31.12.76 (12 months).

Source: Inland Revenue Department

12.13 INCOME TAX ASSESSMENT OF INDIVIDUALS, 1975 AND 1976

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 5								
TOTAL	229,970	222,602	7,368	2,891,979	2,842,212	49,767	339,454	324,544	14,910
6,000 and below	62,798	57,550	5,248	280,701	271,109	9,592	6,603	3,678	2,925
6,001 - 8,000	48,096	47,569	527	336,493	332,809	3,684	8,527	7,509	1,018
8,001 - 10,000	32,393	32,076	317	289,185	286,316	2,869	9,300	8,538	762
10,001 - 15,000	40,177	39,667	510	487,626	481,448	6,178	23,804	22,252	1,552
15,001 - 20,000	17,402	17,138	264	298,567	294,008	4,559	22,694	21,568	1,126
20,001 - 30,000	14,583	14,293	290	353,437	346,326	7,111	39,586	37,796	1,790
30,001 - 50,000	8,952	8,837	115	339,801	335,523	4,278	57,390	56,014	1,376
50,001 - 100,000	4,277	4,217	60	285,223	281,180	4,043	78,035	76,554	1,481
100,001 and over	1,292	1,255	37	220,946	213,493	7,453	93,515	90,635	2,880
	1 9 7 6								
TOTAL	229,978	224,223	5,755	3,102,780	3,055,773	47,007	368,549	355,619	12,930
6,000 and below	51,830	48,163	3,667	237,146	229,878	7,268	5,157	3,107	2,050
6,001 - 8,000	45,492	45,055	437	319,086	316,053	3,033	7,675	6,915	760
8,001 - 10,000	35,633	35,264	369	318,157	314,835	3,322	9,967	9,209	758
10,001 - 15,000	44,207	43,707	500	534,920	528,767	6,153	24,582	23,205	1,377
15,001 - 20,000	19,813	19,517	296	340,170	335,025	5,145	24,713	23,540	1,173
20,001 - 30,000	16,252	15,963	289	394,390	387,425	6,965	42,717	41,101	1,616
30,001 - 50,000	10,366	10,261	105	392,564	388,755	3,809	64,929	63,813	1,116
50,001 - 100,000	4,914	4,866	48	326,483	323,282	3,201	88,878	87,733	1,145
100,001 and over	1,471	1,427	44	239,864	231,753	8,111	99,931	96,996	2,935

Notes: See notes to Table 12.12.

Source: Inland Revenue Department

12.14 INCOME TAX ASSESSMENT OF COMPANIES, 1975 AND 1976

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 5								
TOTAL	5,324	4,782	542	2,513,396	2,227,274	286,122	990,846	876,747	114,099
6,000 and below	961	857	104	2,501	2,249	252	1,000	899	101
6,001 - 10,000	422	386	36	3,305	3,018	287	1,320	1,205	115
10,001 - 20,000	675	616	59	9,873	8,962	911	3,940	3,582	358
20,001 - 30,000	400	361	39	9,949	8,991	958	3,978	3,595	383
30,001 - 50,000	540	493	47	21,362	19,545	1,817	8,505	7,782	723
50,001 - 100,000	694	639	55	49,802	45,866	3,936	19,809	18,235	1,574
100,001 - 300,000	810	721	89	141,945	125,767	16,178	56,512	50,041	6,471
300,001 - 500,000	240	205	35	93,815	79,876	13,939	37,226	31,783	5,443
500,001 - 1,000,000	239	213	26	168,502	149,539	18,963	66,859	59,283	7,576
Over 1,000,000	342	291	52	2,012,342	1,783,461	228,881	791,697	700,342	91,355
	1 9 7 6								
TOTAL	5,056	4,572	484	1,648,187	1,351,932	296,255	651,931	537,129	114,802
6,000 and below	839	761	78	2,220	2,065	155	886	826	60
6,001 - 10,000	348	315	33	2,792	2,537	255	1,115	1,014	101
10,001 - 20,000	609	564	45	8,825	8,176	649	3,517	3,262	255
20,001 - 30,000	419	377	42	10,530	9,465	1,065	4,209	3,782	427
30,001 - 50,000	567	526	41	22,827	21,192	1,635	9,082	8,451	631
50,001 - 100,000	688	634	54	49,936	46,177	3,759	19,935	18,432	1,503
100,001 - 300,000	803	724	79	138,757	124,318	14,439	55,514	49,738	5,776
300,001 - 500,000	258	233	25	100,960	91,072	9,888	40,023	36,249	3,774
500,001 - 1,000,000	222	190	32	162,182	137,378	24,804	64,249	54,328	9,921
Over 1,000,000	303	248	55	1,149,158	909,552	239,606	453,401	361,047	92,354

Notes: See notes to Table 12.12.

Source: Inland Revenue Department

13. PRICES

Consumer Price Index

The Consumer Price Index (November 1972=100) was compiled on the basis of a list of items and weighting pattern derived from the Household Expenditure Survey conducted from June 1972 to May 1973. The records of expenditure of 3,114 households with monthly expenditure between \$100 and \$999 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 the twelve monthly indexes.

Retail Prices

Retail prices of goods are collected regularly from markets and provision shops spread over six postal districts. Prices are collected weekly for perishable food items such as fish, vegetables, meat and poultry, and fortnightly 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 product series which were based on data supplied by the Primary Production Department. Thus, 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.

TABLE 1.1. CONSUMER PRICE INDEX 1971-1977
(1971=100)

Year	Food	Non-Food	Services	Index	Weight	Total
1971	100.0	100.0	100.0	100.0	100.0	100.0
1972	101.5	102.0	103.0	102.2	101.5	102.2
1973	103.0	104.0	105.0	104.0	103.0	104.0
1974	105.0	106.0	107.0	106.0	105.0	106.0
1975	107.0	108.0	109.0	108.0	107.0	108.0
1976	109.0	110.0	111.0	110.0	109.0	110.0
1977	111.0	112.0	113.0	112.0	111.0	112.0
1978	113.0	114.0	115.0	114.0	113.0	114.0
1979	115.0	116.0	117.0	116.0	115.0	116.0
1980	117.0	118.0	119.0	118.0	117.0	118.0
1981	119.0	120.0	121.0	120.0	119.0	120.0
1982	121.0	122.0	123.0	122.0	121.0	122.0
1983	123.0	124.0	125.0	124.0	123.0	124.0
1984	125.0	126.0	127.0	126.0	125.0	126.0
1985	127.0	128.0	129.0	128.0	127.0	128.0
1986	129.0	130.0	131.0	130.0	129.0	130.0
1987	131.0	132.0	133.0	132.0	131.0	132.0
1988	133.0	134.0	135.0	134.0	133.0	134.0
1989	135.0	136.0	137.0	136.0	135.0	136.0
1990	137.0	138.0	139.0	138.0	137.0	138.0
1991	139.0	140.0	141.0	140.0	139.0	140.0
1992	141.0	142.0	143.0	142.0	141.0	142.0
1993	143.0	144.0	145.0	144.0	143.0	144.0
1994	145.0	146.0	147.0	146.0	145.0	146.0
1995	147.0	148.0	149.0	148.0	147.0	148.0
1996	149.0	150.0	151.0	150.0	149.0	150.0
1997	151.0	152.0	153.0	152.0	151.0	152.0
1998	153.0	154.0	155.0	154.0	153.0	154.0
1999	155.0	156.0	157.0	156.0	155.0	156.0
2000	157.0	158.0	159.0	158.0	157.0	158.0
2001	159.0	160.0	161.0	160.0	159.0	160.0
2002	161.0	162.0	163.0	162.0	161.0	162.0
2003	163.0	164.0	165.0	164.0	163.0	164.0
2004	165.0	166.0	167.0	166.0	165.0	166.0
2005	167.0	168.0	169.0	168.0	167.0	168.0
2006	169.0	170.0	171.0	170.0	169.0	170.0
2007	171.0	172.0	173.0	172.0	171.0	172.0
2008	173.0	174.0	175.0	174.0	173.0	174.0
2009	175.0	176.0	177.0	176.0	175.0	176.0
2010	177.0	178.0	179.0	178.0	177.0	178.0
2011	179.0	180.0	181.0	180.0	179.0	180.0
2012	181.0	182.0	183.0	182.0	181.0	182.0
2013	183.0	184.0	185.0	184.0	183.0	184.0
2014	185.0	186.0	187.0	186.0	185.0	186.0
2015	187.0	188.0	189.0	188.0	187.0	188.0
2016	189.0	190.0	191.0	190.0	189.0	190.0
2017	191.0	192.0	193.0	192.0	191.0	192.0
2018	193.0	194.0	195.0	194.0	193.0	194.0
2019	195.0	196.0	197.0	196.0	195.0	196.0
2020	197.0	198.0	199.0	198.0	197.0	198.0
2021	199.0	200.0	201.0	200.0	199.0	200.0
2022	201.0	202.0	203.0	202.0	201.0	202.0
2023	203.0	204.0	205.0	204.0	203.0	204.0
2024	205.0	206.0	207.0	206.0	205.0	206.0
2025	207.0	208.0	209.0	208.0	207.0	208.0
2026	209.0	210.0	211.0	210.0	209.0	210.0
2027	211.0	212.0	213.0	212.0	211.0	212.0
2028	213.0	214.0	215.0	214.0	213.0	214.0
2029	215.0	216.0	217.0	216.0	215.0	216.0
2030	217.0	218.0	219.0	218.0	217.0	218.0

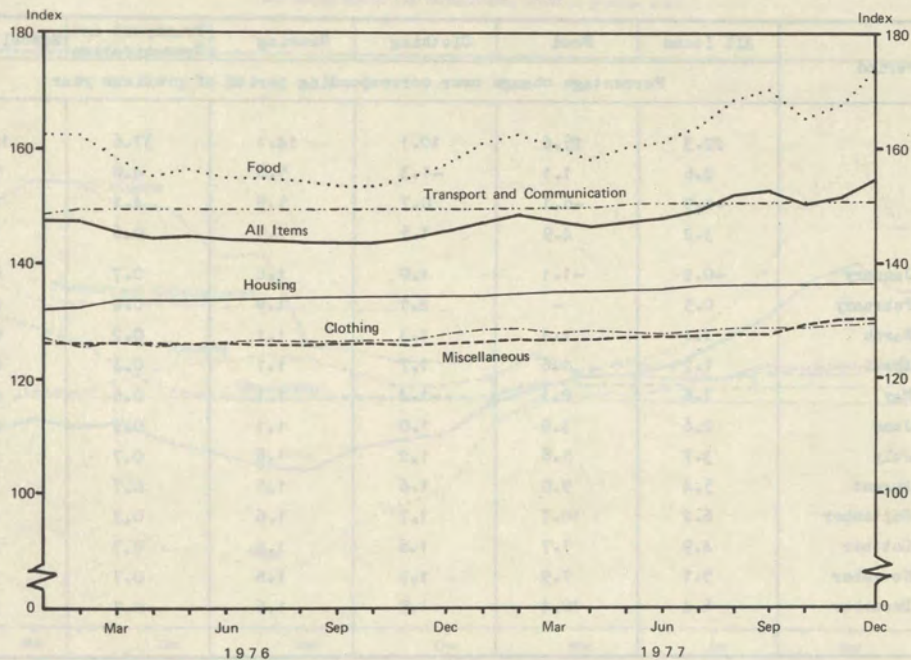
13.1 CONSUMER PRICE INDEX, 1973-1977

(November 1972 = 100)

	All Items	Food	Clothing	Housing	Transport and Communication	Miscellaneous
Weights	10,000	4,902	588	1,637	1,069	1,804
Period						
1973	117.7	131.4	115.5	104.6	100.3	103.3
1974	144.0	165.1	127.2	119.4	138.0	117.8
1975	147.7	166.9	125.5	126.3	143.6	124.6
1976	144.9	156.8	126.4	133.7	149.5	126.1
1977	149.5	164.4	128.3	135.7	150.3	127.8
1977 January	147.3	161.0	128.3	134.6	149.8	126.4
February	148.3	162.8	128.5	134.9	149.8	126.9
March	147.3	160.7	127.8	135.2	149.8	126.8
April	146.1	158.1	128.0	135.2	149.9	126.9
May	147.2	160.3	127.8	135.4	150.4	127.0
June	147.8	161.2	127.7	135.4	150.4	127.5
July	149.3	163.9	128.0	136.1	150.6	127.6
August	151.5	168.4	128.4	136.1	150.6	127.7
September	152.5	170.4	128.5	136.3	150.6	127.7
October	150.4	165.4	128.5	136.3	150.7	129.1
November	151.6	167.5	128.8	136.4	150.7	130.2
December	154.7	173.7	129.4	136.4	150.7	130.2

CONSUMER PRICE INDEX

(November 1972 = 100)



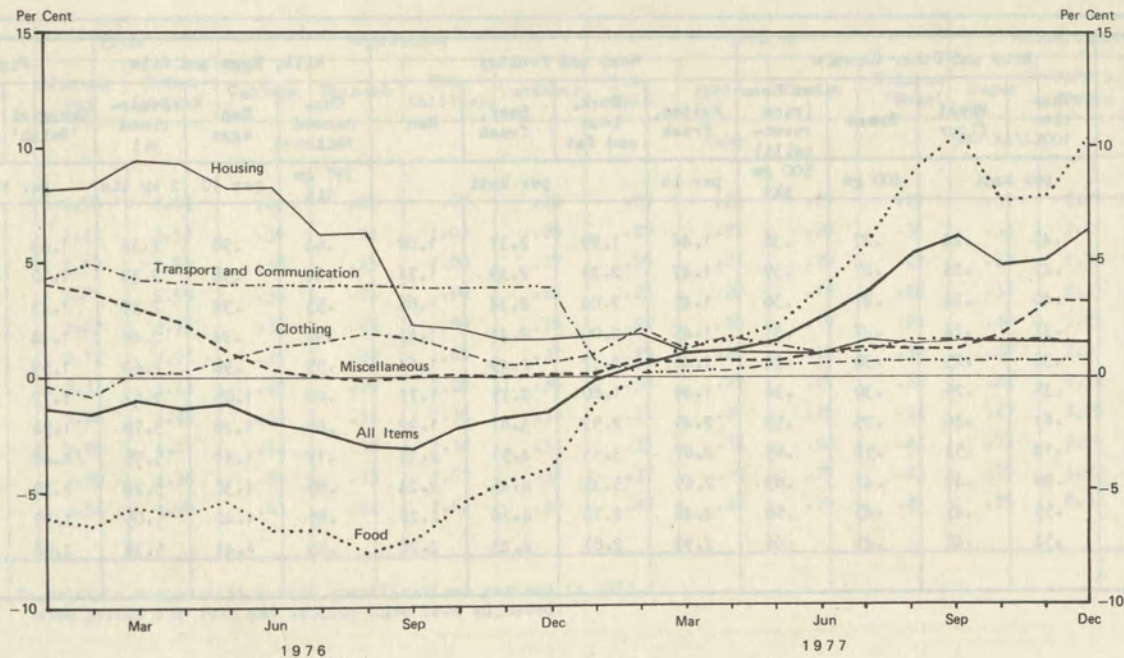
13.2 CHANGES IN CONSUMER PRICE INDEX, 1974-1977
(November 1972 = 100)

Period	All Items	Food	Clothing	Housing	Transport and Communication	Miscellaneous
	Percentage change over corresponding period of previous year					
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
1977 January	-0.2	-1.1	1.0	1.8	0.7	0.1
February	0.5	-	2.1	1.9	0.2	0.7
March	1.1	1.4	1.3	1.1	0.2	0.6
April	1.2	1.6	1.7	1.1	0.3	0.7
May	1.6	2.3	1.4	1.1	0.6	0.7
June	2.6	3.9	1.0	1.1	0.6	1.1
July	3.7	5.8	1.2	1.6	0.7	1.3
August	5.4	9.0	1.6	1.5	0.7	1.3
September	6.2	10.7	1.7	1.6	0.7	1.3
October	4.9	7.7	1.6	1.6	0.7	2.4
November	5.1	7.9	1.7	1.6	0.7	3.3
December	6.4	10.4	1.5	1.6	0.7	3.3

CHANGES IN CONSUMER PRICE INDEX

(November 1972 = 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)	Mutton, fresh	Pork, lean and fat	Beef, fresh	Hen	Condensed milk	Hen eggs	Deodorised oil	Tenggiri 'Bekah'	Kunning
	per kati		400 gm	500 gm pkt	per lb		per kati		397 gm tin	per 10	2 kg tin	per kati	
1967	.45	.24	.27	.36	1.46	1.99	2.37	1.80	.64	.98	2.36	1.33	.59
1968	.45	.24	.27	.39	1.47	2.21	2.39	1.71	.62	.98	2.39	1.30	.48
1969	.40	.24	.27	.36	1.45	2.04	2.34	1.60	.55	.92	2.39	1.41	.54
1970	.37	.24	.27	.37	1.45	2.00	2.41	1.63	.50	.94	2.40	1.44	.64
1971	.33	.25	.30	.37	1.46	2.17	2.49	1.61	.55	.98	2.62	1.59	.65
1972	.35	.26	.30	.36	1.49	1.80	2.75	1.71	.60	1.05	2.64	1.72	.71
1973	.81	.36	.35	.59	2.45	2.53	3.87	1.92	.68	1.26	3.70	1.94	.89
1974	1.12	.53	.52	.69	2.87	3.11	4.51	2.15	.72	1.41	5.75	2.48	1.38
1975	.90	.47	.47	.69	2.65	3.35	4.45	2.24	.85	1.30	5.29	2.70	1.65
1976	.59	.45	.45	.66	2.48	2.78	4.36	2.26	.85	1.40	5.05	2.79	1.87
1977	.54	.40	.43	.66	2.93	2.83	4.23	2.28	.85	1.41	5.36	2.88	1.98

13.3 AVERAGE RETAIL PRICES OF SELECTED FOODSTUFFS (continued)

Dollars

Year	Fish		Vegetables				Fruits				Miscellaneous		
	Parang cut	Dried prawns	Cabbage	Spinach	Red chillies	Cucumber	Pine- apple	Apple	Orange	Bananas 'Emas'	Sugar	Coffee powder	Ceylon tea
	per kati						each			per kati			227 gm pkt
1967	1.58	2.64	.42	.23	.88	.26	.29	.20	.20	.29	.31	2.21	1.51
1968	1.43	2.54	.36	.24	1.03	.26	.29	.21	.20	.30	.33	2.21	1.51
1969	1.72	2.53	.38	.23	1.00	.27	.29	.21	.20	.29	.32	2.21	1.50
1970	1.81	2.59	.36	.23	.96	.26	.28	.20	.19	.28	.34	2.21	1.50
1971	2.02	2.76	.35	.23	.89	.26	.28	.20	.19	.29	.40	2.21	1.52
1972	2.12	2.91	.35	.24	1.00	.27	.29	.21	.20	.30	.40	2.21	1.51
1973	2.33	3.33	.45	.29	1.28	.30	.30	.22	.21	.30	.44	2.54	1.52
1974	2.88	3.98	.44	.32	1.36	.32	.31	.21	.25	.34	.49	2.88	1.59
1975	3.20	4.01	.54	.36	1.36	.34	.35	.18	.24	.41	.75	2.96	1.66
1976	3.20	4.28	.55	.39	1.62	.38	.37	.19	.25	.43	.75	3.97	1.68
1977	3.34	4.98	.63	.44	1.64	.40	.40	.22	.29	.45	.75	8.21	1.98

Note: To maintain comparability with specifications revised in 1973, some prices for 1972 and earlier have been adjusted.

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
1977 January	108.0	109.9	115.1	116.8	116.7	81.5	103.6	98.9	106.2	109.2
February	109.4	111.0	114.9	117.2	123.3	84.6	103.9	99.4	106.3	109.6
March	110.0	114.4	115.0	119.0	121.0	92.2	104.0	99.8	107.2	110.3
April	110.3	114.6	115.2	118.4	121.3	97.2	103.9	99.7	108.0	110.8
May	109.9	113.2	115.2	118.1	121.6	99.0	103.5	98.9	107.9	110.6
June	109.7	112.1	115.3	117.1	121.6	97.7	103.8	99.5	107.2	110.9
July	109.8	111.2	115.4	117.5	122.0	96.3	102.8	99.6	107.9	110.8
August	110.2	112.1	115.6	118.1	122.9	89.3	103.2	99.7	108.3	111.1
September	110.9	112.9	116.0	122.6	122.9	85.8	103.1	100.1	108.2	111.7
October	110.7	112.1	120.6	122.5	122.6	82.2	102.8	99.8	108.1	112.1
November	110.1	112.1	120.6	120.6	119.2	80.4	102.7	100.4	108.2	112.3
December	109.2	109.0	120.6	117.7	118.2	81.2	102.2	99.7	108.2	112.4

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	Manu- factured Goods	Machinery and Transport Equipment	Miscell- aneous Manu- factures
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
1977 January	107.9	122.2	116.2	120.2	118.4	74.0	105.4	104.6	85.9	108.9
February	108.5	123.5	116.2	119.9	119.4	77.0	105.2	104.6	86.9	109.5
March	109.7	131.0	116.2	122.1	119.5	87.9	105.1	104.8	87.0	111.1
April	109.5	129.8	116.2	121.3	119.6	85.3	104.8	104.6	87.1	111.1
May	109.0	124.8	116.2	121.5	119.6	82.9	105.0	104.7	86.2	112.2
June	108.4	120.7	116.2	120.1	119.6	81.1	105.1	104.0	86.2	112.5
July	108.7	118.3	116.3	120.2	121.6	79.3	103.2	103.9	86.7	113.2
August	108.9	116.9	116.3	121.7	122.2	74.1	103.3	103.2	87.2	113.5
September	109.6	116.6	116.3	128.3	121.9	75.6	103.1	102.9	87.1	114.1
October	108.9	115.3	122.1	127.9	120.1	75.1	102.3	102.7	85.9	114.4
November	108.2	115.7	122.1	125.7	119.3	76.7	101.9	102.8	84.2	114.3
December	107.1	114.4	122.1	122.5	117.5	77.8	101.2	102.9	83.9	114.1

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
1977 January	109.7	113.0	112.0	112.1	117.8	85.0	103.2	99.7	112.9	110.0
February	111.3	116.5	111.5	112.5	126.1	87.6	103.8	100.4	112.7	110.2
March	111.9	117.9	112.5	114.6	123.1	93.0	104.0	101.0	113.7	110.5
April	112.5	119.0	113.2	113.8	123.5	104.7	104.1	101.1	114.7	111.2
May	112.5	120.6	113.2	113.6	124.0	109.2	103.3	100.1	114.8	111.1
June	112.6	121.1	114.2	113.3	123.9	112.0	103.7	101.2	114.1	111.6
July	112.6	116.9	114.3	114.2	123.7	113.4	103.8	101.3	114.8	112.3
August	113.3	119.8	114.8	115.5	124.6	104.1	104.2	101.6	115.1	112.4
September	114.5	121.1	116.0	121.4	124.8	95.7	104.1	102.4	115.2	112.6
October	114.4	121.1	115.9	121.0	124.9	89.2	104.2	102.0	115.6	113.0
November	113.7	121.2	115.9	118.9	120.7	84.2	104.3	102.8	116.1	113.3
December	112.4	116.1	115.9	115.2	120.1	82.8	104.1	102.1	116.2	113.4

13.7 WHOLESALE PRICE INDEX OF BUILDING MATERIALS
(1974 = 100)

	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
1977 January	94.6	120.3	127.1	99.7	92.7	110.4	98.8	83.0	66.3	101.9	113.7
February	94.8	119.4	127.1	99.7	92.7	110.4	101.5	83.0	66.3	101.9	113.7
March	95.1	119.3	126.5	99.7	92.7	110.4	104.7	83.0	66.3	101.9	113.7
April	94.7	119.1	126.3	99.7	90.7	109.7	104.7	83.0	66.3	101.9	113.7
May	94.1	119.6	126.3	99.7	90.7	109.7	106.3	80.7	66.3	101.9	113.7
June	94.1	119.3	125.5	99.7	90.7	109.7	107.1	80.7	66.3	101.9	113.7
July	94.8	119.0	124.4	99.7	92.7	109.7	107.0	82.5	62.9	101.9	113.7
August	94.9	118.2	120.7	99.7	92.7	107.6	110.5	82.5	62.0	101.9	115.7
September	94.7	117.7	120.7	99.7	92.7	107.6	109.5	82.5	61.0	101.9	115.7
October	94.8	117.0	120.7	99.7	92.7	107.6	110.6	82.5	61.0	101.9	115.8
November	94.9	117.1	119.2	99.7	92.7	106.9	112.6	82.6	62.0	101.9	115.8
December	94.8	117.0	119.2	99.7	92.7	106.9	114.7	81.7	62.0	101.9	115.7

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
1977 January	106.9	89.3	114.3	112.0	114.3	125.1	133.1	110.4	165.1
February	102.8	87.2	105.2	116.9	109.5	88.4	132.7	115.6	178.9
March	101.7	85.7	106.5	119.7	102.9	98.7	129.4	126.0	173.0
April	95.2	87.4	96.8	105.6	87.5	94.6	134.3	127.6	138.5
May	95.5	87.9	85.7	92.3	90.6	153.3	141.7	143.2	138.8
June	96.5	94.4	79.3	85.9	93.7	136.5	120.4	158.7	140.0
July	98.6	100.4	77.7	83.1	91.1	103.4	114.3	134.6	158.1
August	108.9	104.4	98.3	105.6	104.8	119.7	140.0	169.1	162.0
September	108.4	101.5	99.1	111.3	101.4	141.5	141.5	164.0	160.7
October	106.6	103.2	97.6	104.2	91.2	142.6	139.9	155.3	149.3
November	108.6	107.0	92.5	114.1	91.1	162.1	147.5	158.7	151.4
December	117.8	118.5	104.5	123.2	101.9	127.7	132.3	144.9	163.5

13.9 AVERAGE WHOLESALE PRODUCE PRICES

Year	Rubber							Palm Oil ¹	Pepper		Coffee AP 1	Tin	Coconut Oil, Crude (In Drums)
	Ribbed Smoked Sheets				Crepe								
	Int 1	Int 2	Int 3	Int 4	Int 1 Thin Pale	Int IX Thin Brown	Int 3 Thick Blanket (Amber)						
									Black Lampong	White Muntok Genuine			
Cents per kilogram (fob)								\$ per ton(fob)	Dollars per picul (fob)				
1967	119.42	116.60	113.76	110.87	125.68	105.12	90.68	624.03	112.21	145.44	103.43	600.09	50.87
1968	116.93	114.46	112.83	111.42	136.91	107.94	103.26	446.85	109.05	123.91	101.41	565.54	57.83
1969	153.62	152.38	150.84	149.21	167.24	139.99	136.20	441.49	151.59	155.06	95.92	625.76	52.54
1970	124.69	121.76	119.60	117.62	138.67	116.98	115.21	649.53	221.19	179.95	112.54	665.10	59.02
1971	102.22	95.39	93.36	91.97	126.72	91.57	93.09	658.38	186.45	190.20	117.31	630.70	55.01
1972	93.65	89.87	88.44	86.95	96.22	85.84	84.83	499.98	144.21	195.00	99.88	626.24	38.68
1973	166.82	159.65	158.18	155.28	182.69	163.53	147.86	518.17	165.68	247.35	140.63	683.36	72.45
1974	183.71	171.18	165.67	160.56	219.90	159.32	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	151.32	123.63	119.64	1,072.17	236.73	258.90	159.82	964.05	70.19
1976	192.99	186.74	183.52	180.03	234.22	176.09	174.09	881.65	253.71	281.04	352.03	1,143.07	68.86
1977	200.84	196.32	191.99	188.36	226.18	181.96	177.52	1,224.56	338.18	399.76	627.06	1,584.93	94.27

Note: Int = International.

- 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.

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

14. EDUCATION

Both primary and secondary education experienced rapid expansion in Singapore in the early 1960's. However, due to the decline in the birth rate and in the number of births, enrolment at the primary level started to fall after 1968.

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 which 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 may choose to go into the 3-year Junior Trainee Scheme under which they are placed in employment for training on-the-job, together with an extension education programme conducted by the Adult Education Board (AEB) for 6 hours a week.

Secondary Education

Pupils are admitted into secondary schools on the basis of their PSLE results. Secondary education normally lasts 4 years, from secondary 1 to secondary 4 for children of the age range 12+ to 15+ in the General Stream, leading to the Singapore-Cambridge General Certificate of Education 'Ordinary' Level (GCE 'O' Level). For the first two years, pupils receive lower secondary education and for the final two years, pupils receive upper secondary education. Most secondary schools operate on a 2-session day and pupils attend either one of these sessions two semesters each year, one semester being made up of 2 terms of 10 weeks each.

Lower secondary pupils follow a common curriculum except that girls are allowed to take either home economics or workshop practice. The subjects thus include the first and second languages, literature, mathematics, science, history and geography, civics, art and crafts, music, technical subjects or home economics and physical education.

Upper secondary pupils in the General Stream offer 5 compulsory examination subjects and 4 non-examination subjects. Besides these, they may offer up to a maximum of 3 electives. The

compulsory examination subjects include 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 in 4 different groups i.e., the arts, sciences, commerce and technical areas.

For pupils who do not do well in schools, there is an opportunity to be retained for a maximum of 2 years during their whole school career including retentions in the primary school. In such cases, they would be completing their primary and secondary education in 12 years instead of 10. Those who fail a third time at any stage of their school career, or are 2 years above the normal age for their grade level, are given an additional opportunity to continue their schooling in the Vocational Stream. The Vocational Stream provides work-oriented courses for employment in technical, commercial or service jobs. The technical courses are run by the Industrial Training Board (ITB). The commercial courses are run by the Adult Education Board (AEB).

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 those who have successfully completed their GCE Ordinary ('O') Levels and

meet the admission qualifications for the pre-university course.

Industrial Training

The Industrial Training Board (ITB) is responsible for the co-ordination and development of industrial training in Singapore. It is primarily concerned with training of technicians and skilled workers through its institutional and apprenticeship training schemes.

The Board has twelve industrial training institutions offering full-time and part-time courses at Industrial Technician Certificate (ITC), National Trade Certificate (NTC) and artisan levels in more than 40 trade areas.

The ITC Courses are two-year programme comprising theoretical, practical and supervisory skill development aimed at the training of technicians and supervisors. The NTC courses vary from one to two 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 developing skilled workers through institutional training programmes, the Board also enters 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. To date, 96 firms have initiated apprenticeship training schemes with 3,354 apprentices in training. This figure includes 1,297 apprentices who are undergoing their apprenticeship training in the three Joint Government Training Centres, Philips, Rollei and Tata-Government Training Centres. These training centres, managed by the Economic Development Board, train skilled workers for the high technology industries, such as the precision engineering industry, through a four-year two-part apprenticeship scheme.

With the abolishment of automatic promotion in the primary school system in 1977, the Junior Trainee Scheme (JTS) Unit was set up to provide placement services for Junior Trainees. The JTS Unit comes under the administration of the Board. Up to the end of January 1978, the JTS Unit has secured employment for 2,355 Junior Trainees in 198 firms. The Junior Trainees work mainly as factory operatives in textile, garment, electrical, electropics and other manufacturing industries and as greasers mechanics in the motor industry. A number of them have also joined training schemes to be trained as construction workers, furniture makers, printers, plumbers and others.

The Board is the national authority for the testing and certification of trade skills in Singapore.

It has adopted a three-tier National Trade Certificate (NTC) system for grading the skills of workers. The National Trade Certificate Grade 1 (NTC 1) is the level of a master craftsman. This normally requires about 10 years of training before attainment. Hence, the ITB has not yet developed NTC 1 tests. NTC 2, the intermediate grade, is awarded to those who have reached the standard of fully trained and competent craftsmen while NTC 3 is for those who have acquired the basic skills and knowledge of the trade. Since its inception, the ITB has awarded 2,197 NTC 2 and 13,347 NTC 3 certificates to public and institutional candidates.

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 in the University is English, but courses in Chinese and Malay are also offered.

The Nanyang University provides 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.

The Singapore Polytechnic conducts technician diploma courses in Civil, Electrical, Electronics and Communication, Mechanical, Production, Marine and Structural Engineering and Architectural Draughtsmanship, Building, Land Surveying, Chemical Process Technology and Ship Construction. Technician certificate courses offered are in Architectural Draughtsmanship, Aeronautical Maintenance Engineering and 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 Diplomas in Mechanical Engineering, Electrical and Electronic Engineering, Shipbuilding and Repair Technology and Building Maintenance and Management, and a Business Studies course leading to the Diploma in Business Studies.

The Institute of Education, established on 1 April 1973, is responsible for the pre-service training of primary and secondary school teachers in all the four official languages, the continuing education of qualified practising teachers through the provision of in-service courses and the Advanced Certificate in Education course, the preparation of university graduates for the Diploma in Education, and postgraduate degrees in Education awarded by the University of Singapore. The Institute also conducts educational research relevant to Singapore's needs.

Adult Education

The Adult Education Board, a statutory organisation, conducts a wide range of courses for an average of 31,000 students per month in 1977. The Board provides part-time commercial, general, vocational and technical and further education and language courses for working adults and school leavers in the evenings and during the week-ends. Day commercial courses and the extension education programme under the Junior Trainee Scheme are also offered by the Board. The Board also assists other organisations and institutions in the promotion of adult education.

Expenditure on Education

Expenditure on education by Government covers all expenditure incurred by Government schools, including 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.

14.1 ENROLMENT IN EDUCATIONAL INSTITUTIONS

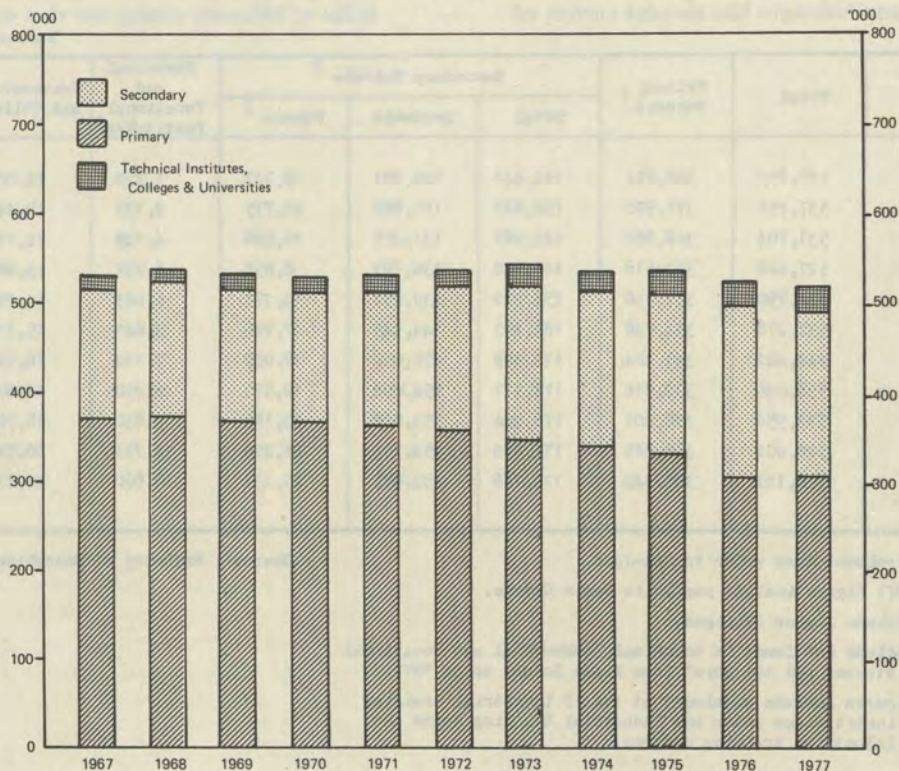
Number							
Year	Total	Primary Schools ¹	Secondary Schools ²			Technical and Vocational Institutes ⁴	Universities and Colleges
			Total	Academic	Others ³		
1967	527,859	368,654	144,448	124,701	19,747	1,752	13,005
1968	537,257	371,970	150,641	127,866	22,775	2,199	12,447
1969	531,704	366,881	147,981	131,455	16,526	4,129	12,713
1970	527,668	363,518	145,740	136,782	8,958	4,727	13,683
1971	531,790	357,936	153,522	139,251	14,271	6,063	14,269
1972	537,278	354,748	161,371	144,145	17,226	5,841	15,318
1973	542,442	345,284	173,109	155,050	18,059	7,124	16,925
1974	536,045	337,816	174,177	154,606	19,571	6,250	17,802
1975	532,956	328,401	176,224	153,029	23,195	9,830	18,501
1976	526,602	316,265	177,992	152,713	25,279	11,751	20,594
1977	518,122	308,342	178,186	153,055	25,131	10,860	20,734

Notes: Enrolment data refer to end-June.

Source: Ministry of Education

- 1 1977 figure include pupils in Basic Course.
- 2 Include Junior Colleges.
- 3 Include enrolment in technical, commercial and vocational streams and the Boys' Town Trade School up to 1970.
- 4 Figures include enrolment at the 12 industrial training institutions under the Industrial Training Board and industrial training centres.

NUMBER OF STUDENTS



14.2 STUDENTS AND TEACHERS IN EDUCATIONAL INSTITUTIONS, 1977
(End of June)

Number

	Schools	Students			Teachers		
		Total	Males	Females	Total	Males	Females
Total	524	518,122	273,464	244,658	21,226	9,919	11,307
Primary	376	308,342	163,292	145,050	11,137	3,938	7,199
Secondary: ¹							
Academic/bilateral	121	153,055	70,835	82,220	6,796	3,122	3,674
Technical	9	19,100	13,893	5,207	870	780	90
Commercial	1	6,031	1,634	4,397	87	52	35
Technical and Vocational Institutes	12	10,860	9,998	862	656	612	44
Technical Colleges ²	2	10,576	8,545	2,031	606	532	74
Institute of Education	1	1,328	295	1,033	110	75	35
Universities	2	8,830	4,972	3,858	964	808	156

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

Source: Ministry of Education

¹ See footnote 2 to Table 14.1

² Singapore Polytechnic and Ngee Ann Technical College.

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

	Number										
	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
Total Schools ¹	460	450	437	427	419	414	410	396	391	379	376
Government	198	199	200	198	197	197	196	193	193	190	199
Government-Aided	243	235	227	220	215	211	208	199	194	185	174
Private	19	16	10	9	7	6	6	4	4	4	3
Total Students ²	368,654	371,970	366,881	363,518	357,936	354,748	345,284	337,816	328,401	316,265	308,342
Government	232,524	240,104	238,089	233,692	229,562	227,588	222,973	219,281	215,657	213,149	214,749
Government-Aided	134,461	130,842	128,048	129,150	128,001	126,798	121,925	118,170	112,377	102,824	93,392
Private	1,669	1,024	744	676	373	362	386	365	367	292	201
Total Teachers ³	12,397	12,422	12,156	12,248	11,949	10,858	11,714	11,511	11,190	11,432	11,137
Government	7,936	8,147	7,959	8,044	7,811	6,975	7,664	7,510	7,344	7,684	7,699
Government-Aided	4,418	4,226	4,160	4,172	4,124	3,868	4,036	3,988	3,831	3,732	3,424
Private	43	49	37	32	14	15	14	13	15	16	14

Notes: See notes to Table 14.1

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 See footnote 1 to Table 14.1.
- 3 Figures from 1973 refer to all professional officers working in the Ministry of Education.

14.4 PRIMARY SCHOOL STUDENTS AND TEACHERS BY TYPE OF SCHOOL AND LANGUAGE STREAM, 1977
(End of June)

Language Stream	Students ¹			Teachers		
	Total	Males	Females	Total	Males	Females
Total	308,342	163,292	145,050	11,137	3,938	7,199
Government:						
English	201,197	107,664	93,533	6,790	2,197	4,593
Chinese	11,694	6,176	5,518	633	300	333
Malay	1,837	798	1,039	269	169	100
Tamil	21	6	15	7	2	5
Government-Aided:						
English	36,661	18,138	18,523	1,135	273	862
Chinese	56,556	30,320	26,236	2,269	982	1,287
Tamil	175	74	101	20	10	10
Private:						
English	136	73	63	10	3	7
Chinese	65	43	22	4	2	2

1 See footnote 1 to Table 14.1

Source: Ministry of Education

14.5 ENROLMENT IN PRIMARY SCHOOLS BY AGE AND LEVEL, 1977
(End of June)

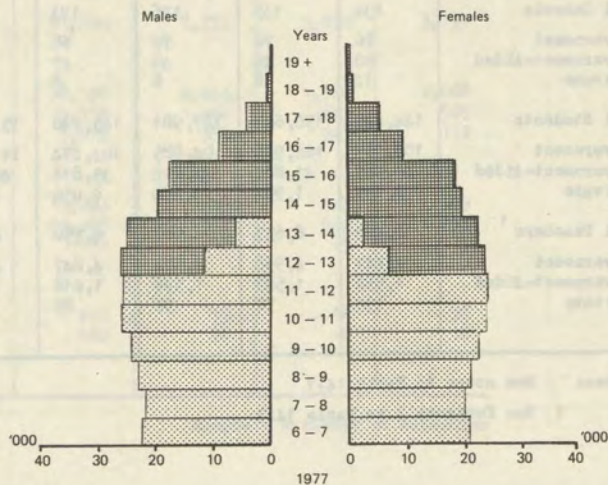
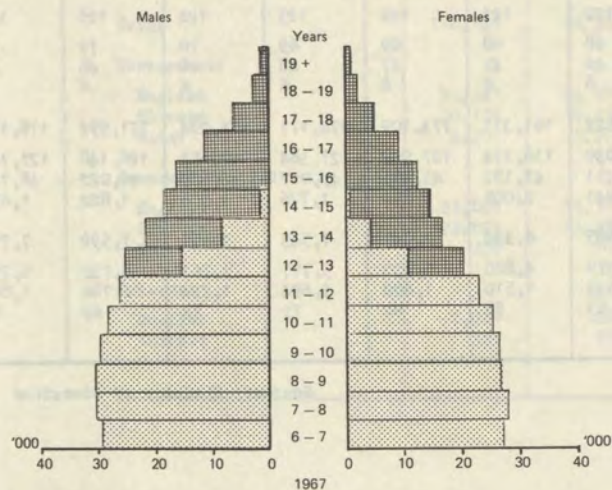
Age as at 1.1.77	Number						
	Total	Primary I	Primary II	Primary III	Primary IV	Primary V	Primary VI
Males							
Total	161,655	24,743	23,304	25,235	26,862	27,754	33,757
Under 6	195	195	-	-	-	-	-
6 and under 7	22,547	22,367	180	-	-	-	-
7 and under 8	21,897	2,136	19,539	221	1	-	-
8 and under 9	22,982	38	3,382	19,200	362	-	-
9 and under 10	24,183	6	198	5,280	18,320	378	1
10 and under 11	25,975	-	4	496	6,988	17,955	532
11 and under 12	25,872	-	1	30	1,151	7,440	17,250
12 and under 13	11,772	1	-	4	35	1,923	9,809
13 and under 14	6,181	-	-	2	3	55	6,121
14 and under 15	41	-	-	1	-	2	38
15 and under 16	5	-	-	-	1	-	4
16 and over	5	-	-	1	1	1	2
Females							
Total	144,694	22,602	21,245	22,869	24,274	25,482	28,222
Under 6	126	126	-	-	-	-	-
6 and under 7	21,140	21,021	119	-	-	-	-
7 and under 8	20,453	1,421	18,892	140	-	-	-
8 and under 9	21,589	29	2,110	19,177	272	1	-
9 and under 10	22,925	4	116	3,311	19,185	309	-
10 and under 11	24,290	-	6	228	4,246	19,398	412
11 and under 12	24,220	1	1	10	557	4,957	18,694
12 and under 13	7,292	-	-	2	13	803	6,474
13 and under 14	2,635	-	1	1	-	13	2,620
14 and under 15	15	-	-	-	1	-	14
15 and under 16	7	-	-	-	-	1	6
16 and over	2	-	-	-	-	-	2

Notes: Figures exclude 1,637 males and 356 females in Basic Course.

Source: Ministry of Education

ENROLMENT IN PRIMARY AND SECONDARY SCHOOLS BY AGE AND SEX – 1967 AND 1977

 Primary
 Secondary



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

											Number
	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
Total Schools	132	135	126	123	122	121	124	123	124	126	131
Government	70	78	70	68	68	68	69	69	70	72	77
Government-Aided	50	49	48	47	46	45	47	48	48	48	49
Private	12	8	8	8	8	8	8	6	6	6	5
Total Students	144,448	150,641	147,981	145,740	153,522	161,371	173,109	174,177	176,224	177,992	178,186
Government	100,268	106,918	104,885	103,874	111,030	118,174	127,942	127,384	127,651	128,148	127,769
Government-Aided	41,985	41,819	40,812	39,816	40,451	41,192	43,315	45,017	46,687	48,022	48,724
Private	2,195	1,904	2,284	2,050	2,041	2,005	1,852	1,776	1,886	1,822	1,693
Total Teachers ¹	6,409	6,657	6,588	6,550	6,685	6,398	7,442	7,543	7,559	7,592	7,753
Government	4,741	4,998	4,894	4,847	4,979	4,800	5,750	5,777	5,761	5,739	5,799
Government-Aided	1,554	1,589	1,596	1,618	1,623	1,510	1,600	1,694	1,724	1,784	1,881
Private	114	70	98	85	83	88	92	72	74	69	73

Notes: See notes to Table 14.1

Source: Ministry of Education

¹ See footnote 3 to Table 14.3

14.7 SECONDARY SCHOOL STUDENTS AND TEACHERS BY TYPE OF SCHOOL AND LANGUAGE STREAM, 1977
(End of June)

Language Stream	Students			Teachers		
	Total	Males	Females	Total	Males	Females
Total	178,186	86,362	91,824	7,753	3,954	3,799
Government:						
English	93,341	45,150	48,191	4,034	1,966	2,068
Chinese	30,127	16,416	13,711	1,408	843	565
Malay	4,301	1,272	3,029	357	245	112
Government-Aided:						
English	24,825	11,382	13,443	954	345	609
Chinese	23,621	11,394	12,227	917	524	393
Tamil	278	107	171	10	5	5
Private:						
English	1,348	456	892	55	18	37
Chinese	345	185	160	18	8	10

Source: Ministry of Education

14.8 ENROLMENT IN SECONDARY SCHOOL BY AGE AND LEVEL, 1977
(End of June)

Age as at 1.1.77	Number						
	Total	Secondary I	Secondary II	Secondary III	Secondary IV	Pre-University I	Pre-University II
Males							
Total	86,362	21,373	21,916	18,651	17,168	3,746	3,508
Under 12	47	47	-	-	-	-	-
12 and under 13	14,818	14,755	63	-	-	-	-
13 and under 14	19,018	4,323	14,652	43	-	-	-
14 and under 15	19,668	2,183	4,882	12,567	36	-	-
15 and under 16	17,865	40	2,205	4,181	11,425	14	-
16 and under 17	9,140	20	92	1,743	4,163	3,108	14
17 and under 18	4,679	2	18	87	1,461	504	2,607
18 and under 19	933	3	2	22	61	113	732
19 and under 20	181	-	2	5	16	7	151
20 and under 21	13	-	-	3	6	-	4
Females							
Total	91,824	21,404	21,513	20,424	18,975	5,066	4,442
Under 12	56	56	-	-	-	-	-
12 and under 13	16,712	16,658	54	-	-	-	-
13 and under 14	20,029	3,448	16,442	139	-	-	-
14 and under 15	20,025	1,187	3,811	14,994	33	-	-
15 and under 16	18,976	24	1,111	3,925	13,884	32	-
16 and under 17	9,647	17	57	1,255	3,813	4,485	20
17 and under 18	5,500	10	23	78	1,168	489	3,732
18 and under 19	751	4	12	21	58	56	600
19 and under 20	114	-	3	8	15	4	84
20 and under 21	14	-	-	4	4	-	6

Source: Ministry of Education

14.9 ENROLMENT IN UNIVERSITIES AND COLLEGES

Year	Total		University of Singapore		Nanyang University		Singapore Polytechnic		Ngee Ann Technical College		Institute of Education ¹	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1967	8,396	4,609	2,227	1,056	1,218	532	2,814	149	296	104	1,841	2,768
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

¹ Formerly known as Teachers' Training College.

Source: Ministry of Education

14.10 STUDENTS ADMITTED TO UNIVERSITIES AND COLLEGES

	Number									
	1973		1974		1975		1976		1977	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total Universities and Colleges	4,546	1,861	4,239	2,047	4,706	2,259	4,754	2,699	4,397	2,298
Universities - Total	1,519	1,177	1,232	1,243	1,684	1,256	1,703	1,376	1,566	1,154
Arts and Social Sciences	201	423	181	444	305	471	269	453	293	367
Science	253	207	157	125	251	167	278	283	264	264
Law	68	74	35	88	70	81	58	59	51	48
Medicine	163	61	163	76	123	78	122	77	133	70
Dentistry	17	20	29	13	25	21	29	16	26	18
Pharmacy	14	16	-	-	-	-	-	-	-	-
Engineering	307	27	247	18	317	28	353	19	362	55
Architecture and Building/Estate Management	96	29	77	44	91	34	88	34	71	70
Commerce and Business Administration	394	319	340	435	499	376	500	434	366	262
Education	6	1	3	-	3	-	6	1	-	-
Polytechnic - Total	2,492	422	2,475	451	2,184	391	2,241	541	2,102	457
Engineering	2,113	309	2,083	344	1,774	253	1,800	421	1,784	365
Architectural Building	258	113	250	107	247	138	266	120	154	92
Nautical	121	-	142	-	163	-	175	-	164	-
Colleges - Total	535	262	532	353	838	612	810	782	729	687
Ngee Ann	332	133	492	157	732	228	604	191	595	170
Institute of Education ²	203	129	40	196	106	384	206	591	134	517

1 With effect from 1974 Pharmacy students were admitted into the Faculty of Science.

2 Formerly known as Teachers' Training College.

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

14.11 STUDENTS GRADUATED FROM UNIVERSITIES AND COLLEGES

	Number									
	1973		1974		1975		1976		1977	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total Universities and Colleges	2,627	1,492	3,228	1,319	3,562	1,627	2,947	1,682	3,556	2,176
Universities - Total	1,205	901	1,241	941	1,343	1,037	1,293	1,095	1,204	1,153
Arts and Social Sciences	226	395	171	421	234	430	232	439	220	482
Science	284	198	222	193	254	187	251	208	157	148
Law	53	35	46	36	43	39	47	61	49	67
Medicine	119	28	124	23	90	48	99	50	105	50
Dentistry	30	13	23	9	30	11	15	22	24	15
Pharmacy	11	9	10	13	13	12	13	18	13	17
Engineering	111	4	279	10	222	14	223	18	267	23
Architecture and Building/Estate Management	53	5	45	5	45	11	62	11	49	23
Commerce and Business Administration	318	214	321	231	411	284	351	268	320	328
Education	-	-	-	-	1	1	-	-	-	-
Polytechnic - Total	1,166	144	1,695	176	1,904	319	1,382	289	1,899	464
Engineering	1,012	93	1,491	113	1,651	211	1,063	175	1,595	336
Architectural Building	84	51	125	63	144	108	190	114	171	128
Nautical	70	-	79	-	109	-	129	-	133	-
Colleges - Total	256	447	292	202	315	271	272	298	453	559
Ngee Ann	147	63	259	63	264	94	222	90	332	105
Institute of Education ¹	109	384	33	139	51	177	50	208	121	454

¹ Formerly known as Teachers' Training College

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

14.12 ENROLMENT IN ADULT EDUCATION COURSES

	Number										
	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
Total	77,540	73,887	49,519	49,049	51,831	53,053	56,582	54,856	51,620	56,235	59,522
Language Course	40,986	37,501	18,848	17,271	16,035	14,639	14,607	12,344	8,375	10,039	9,323
General Education Courses ¹	24,258	23,504	14,992	13,613	12,192	14,299	17,829	18,549	19,886	20,387	21,116
Commercial Education Courses	5,259	6,696	6,464	6,218	8,282	9,454	9,527	9,713	10,035	9,864	13,708
Vocational/Technical Education Courses	2,362	1,732	2,018	2,855	4,254	4,164	4,077	3,876	3,418	3,184	3,220
Further Education Courses	4,675	4,454	3,092	3,401	5,717	4,725	5,527	6,309	6,141	8,884	9,625
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

1 Including Week-End Classes.

Source: Adult Education Board

14.13 GOVERNMENT EXPENDITURE ON EDUCATION

Thousand Dollars

	1967	1968	1969/70 ¹	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	1976/77	1977/78 (Estimated)
Total	155,738	158,339	217,619	184,492	200,478	210,298	264,877	334,462	391,264	388,069	471,423
Recurrent Expenditure	135,051	146,797	199,062	173,599	187,144	201,512	255,090	308,005	339,870	343,419	409,693
Primary	68,177	71,829	92,962	77,030	80,895	85,443	95,175	119,000	129,351	133,386	163,194
Secondary ²	37,711	44,698	47,812	41,090	44,466	46,488	62,280	80,004	88,900	95,146	107,130
Technical/Vocational ³	4,487	4,335	17,609	17,402	21,176	22,402	32,782	40,188	43,243	43,275	55,686
Tertiary - Total	17,805	18,827	27,538	24,931	27,953	31,065	40,134	50,375	59,865	52,676	60,050
Singapore and Nanyang University	11,986	13,151	18,719	18,797	21,185	22,985	30,026	36,630	41,048	43,563	48,550
Institute of Education ⁴	1,979	2,176	3,469	2,534	2,568	2,630	3,593	5,785	6,487	9,113	11,500
Singapore Polytechnic and Ngee Ann Technical College ⁵	3,840	3,500	5,350	3,600	4,200	5,450	6,515	7,960	12,330	13,848	16,990
Adult Education	2,102	2,000	1,000	1,325	1,350	1,500	1,810	1,974	2,384	1,896	2,300
Others ⁶	4,769	5,108	12,141	11,821	11,304	14,614	22,909	16,464	16,127	17,040	21,333
Development Expenditure	20,687	11,542	18,557	10,893	13,334	8,786	9,787	26,457	51,394	44,650	61,730

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.

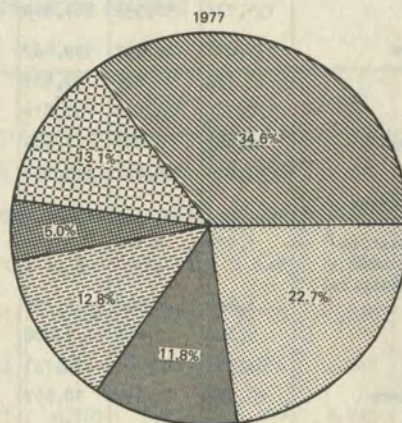
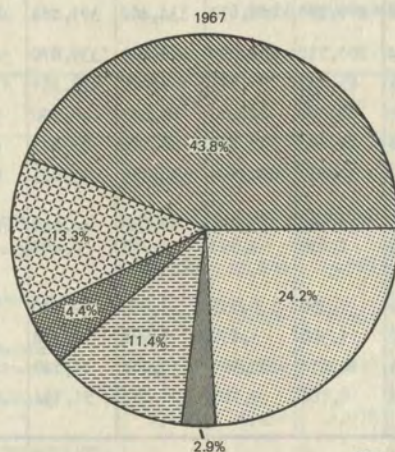
³ Figures refer to Technical/Vocational Schools, Technical/Vocational Institutes and Industrial Training Centres.

⁴ Formerly known as Teachers' Training College.

⁵ From 1967 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



-  Primary
-  Secondary
-  Technical/Vocational
-  Tertiary
-  Others
-  Development Expenditure

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, Hospital 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 28 outpatient dispensaries and 34 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 eight 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 preventive dental treatment at 124 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, who are registered under the relevant 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 population control in Singapore 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 39 Family Planning/Maternal and Child Health Clinics.

15.1 HOSPITALS, GOVERNMENT CLINICS AND DISPENSARIES

Year	Hospitals		Government Dental Clinics	Government Outpatient Clinics	Number
	Government	Private			Maternal and Child Health Clinics
1967	11	5	68	26	51
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

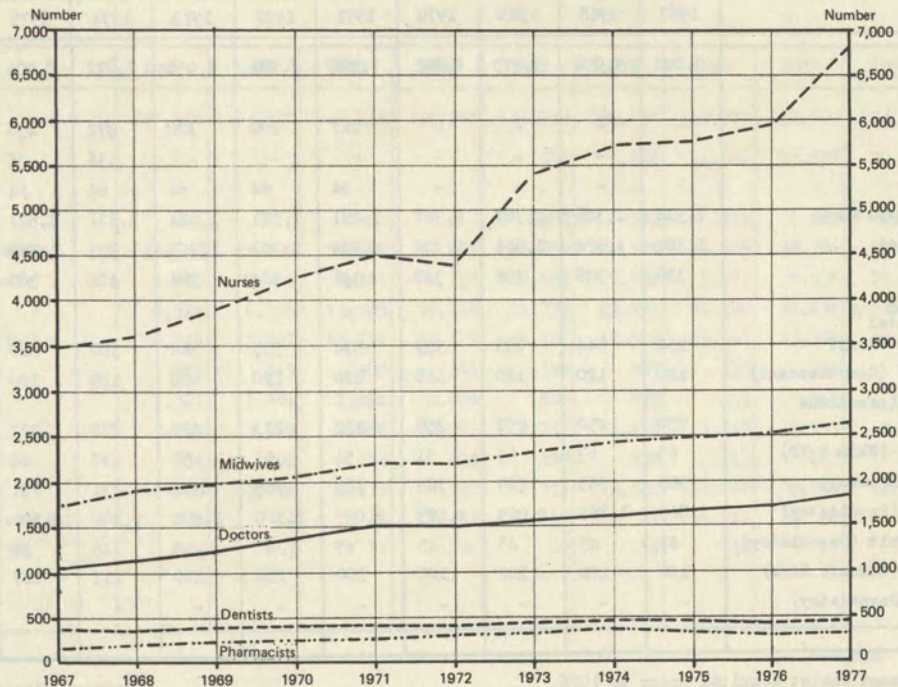
Source: Ministry of Health

15.2 REGISTERED MEDICAL PERSONNEL

Year	Number									
	Doctors		Dentists		Pharmacists		Nurses		Midwives	
	Government	Private	Government	Private	Government	Private	Government	Private	Government	Private
1967	510	589	95	271	46	124	2,527	981	1,207	571
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

Source: Ministry of Health

REGISTERED MEDICAL PERSONNEL



15.3 GOVERNMENT HOSPITAL BEDS

	Number										
	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
TOTAL	7,000	7,004	6,979	6,891	7,346	7,981	8,031	7,872	8,005	8,609	8,574
<u>General Hospitals</u>											
Alexandra Hospital	-	-	-	-	217	282	380	372	438	479	479
Changi Hospital ¹	-	-	-	-	-	-	-	36	36	180	180
Sembawang Hospital	-	-	-	-	34	64	64	64	64	64	64
Singapore General Hospital	1,314	1,328	1,328	1,328	1,491	1,521	1,521	1,521	1,521	1,521	1,521
Tan Tock Seng Hospital	1,324	1,324	1,324	1,306	1,304	1,303	1,303	1,303	1,369	1,369	1,358
Toa Payoh Hospital	396	396	396	338	344	384	384	384	388	410	410
<u>Specialised Hospitals</u>											
Kandang Kerbau Hospital ² (Maternity & Gynaecology)	554	544	539	539	554	553	560	560	560	751	727
St Andrew's Hospital (Convalescent)	120	120	120	120	120	120	120	120	120	120	120
Middleton Hospital (Infectious Diseases)	250	250	250	250	272	273	272	272	272	272	272
Middle Road Hospital (Skin & VD)	63	63	63	51	51	51	51	47	44	-	-
Trafalgar Hospital (Leprosy)	965	965	785	785	785	785	731	731	731	731	731
Woodbridge Hospital (Psychiatry)	1,869	1,869	2,029	2,029	2,029	2,500	2,500	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	100	117	117	117	117
View Road Hospital (Psychiatry)	-	-	-	-	-	-	-	-	-	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

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
TOTAL	120,516	123,500	129,138	135,952	146,714	154,849	159,971	156,760	164,205	184,146	190,332
Alexandra Hospital	-	-	-	-	955	8,094	11,666	13,897	20,159	23,983	24,095
Changi Hospital	-	-	-	-	-	-	-	-	71	597	1,853
Sembawang Hospital	-	-	-	-	109	593	775	989	1,115	1,090	874
Singapore General Hospital	45,874	49,405	55,835	58,235	61,939	60,144	63,709	58,306	53,956	53,515	54,444
Tan Tock Seng Hospital	6,942	7,956	8,311	8,330	8,663	8,592	9,271	9,558	13,019	15,014	19,490
Toa Payoh Hospital	8,524	8,351	13,195	19,158	21,753	23,524	22,226	21,635	21,819	25,193	25,245
Kandang Kerbau Hospital	50,912	49,237	43,714	43,077	46,167	46,522	45,244	43,391	40,028	54,052	49,879
St Andrew's Hospital	371	265	385	365	399	339	333	301	226	251	219
Middle Road Hospital	1,301	1,481	1,241	1,000	906	875	655	666	627	-	-
Middleton Hospital	3,237	3,468	2,886	2,553	2,743	3,474	3,118	4,953	9,974	6,591	9,619
Trafalgar Hospital	296	222	284	224	250	235	213	223	252	228	238
Woodbridge Hospital	2,990	3,036	3,179	2,931	2,744	2,392	2,707	2,746	2,798	3,412	4,229
Mental Defective Hospital	3	16	34	13	17	11	17	28	14	12	19
Chronic Sick Hospital	66	63	74	66	69	54	37	67	60	54	56
View Road Hospital	-	-	-	-	-	-	-	-	87	154	72

Source: Ministry of Health

15.5 VISITS TO OUTPATIENT CLINICS

Year	Total	Outpatient Dispensaries	Sunday/Holiday Clinics	Island Dispensaries	Travelling/ Floating Dispensaries	Number	
						Staff Dispensaries	Institutions/ Dispensaries
1967	2,219,322	1,687,779	5,053	30,485	190,820	159,920	145,265
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

Source: Ministry of Health

15.6 VISITS TO GOVERNMENT DENTAL CLINICS

Year	Total	Schools Division	Hospitals Division	Maternal and Child Health Division	Outpatients Division	Number
						Others ¹
1967	487,200	296,002	154,406	26,097	-	10,695
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

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	Number					
	Visits to MCH Clinics		Government Deliveries		Visits to Puerperal Mothers	
	Ante-natal	Post-natal	At Government Hospitals	At Patients' Home	By MCH Nurses	By MCH Midwives
1967	128,228	7,906	38,252	2,175	38,538	143,633
1968	130,001	9,432	36,427	1,601	36,943	138,939
1969	136,931	1,813	34,440	835	35,651	193,059
1970	144,284	644	35,805	582	36,878	195,937
1971	142,350	74	37,077	271	36,327	202,746
1972	158,062	624	40,401	52	36,856	220,131
1973	151,289	358	39,968	47	34,548	181,048
1974	107,464	451	35,301	33	32,211	151,354
1975	99,524	163	33,362	13	29,669	143,548
1976	103,080	160	36,309	10	32,230	136,727
1977	96,965	149	32,540	9	19,149	93,158

Source: Ministry of Health

15.8 NOTIFICATIONS OF SPECIFIC NOTIFIABLE DISEASES

Number									
Year	Cholera	Dengue Fever/DHF ¹	Diphtheria	Enteric Fever ²	Leprosy	Malaria	Polio- myelitis	Typhus ³	Tuber- culosis
1967	-	355	220	93	206	228	3	-	3,647
1968	6	158	60	134	178	396	4	3	3,764
1969	10	60	66	237	194	302	-	6	3,760
1970	1	32	52	158	153	473	-	8	3,292
1971	-	19	24	224	190	357	2	6	3,407
1972	114	12	7	167	149	302	2	3	3,109
1973	1	1,255	5	154	86	347	1	9	3,037
1974	8	229	4	301	123	417	-	12	3,451
1975	10	59	-	513	96	443	-	17	3,097
1976	-	30	-	141	106	251	1	20	2,815
1977	11	92	1	216	90	184	2	17	2,747

Notes: 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 Typhus ceased to be a notifiable disease from 1st August, 1977.

15.9 VACCINATION AND IMMUNISATION
Pre-School Children

Number of Doses

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
BCG Vaccination	46,180	43,170	40,377	41,630	43,001	45,562	44,156	39,251	36,127	38,237	34,151
Smallpox Vaccination	42,904	38,609	36,072	35,347	35,760	37,962	39,589	37,529	35,127	36,252	32,980
Diphtheria Immunization											
Diphtheria Tetanus											
1st dose	11,863	11,169	7,841	8,288	7,579	6,586	5,483	5,011	4,013	2,998	2,208
2nd dose	12,729	11,720	8,403	8,230	7,475	6,248	5,067	4,976	4,024	3,024	2,074
Boosters	33,057	31,937	36,172	52,622	46,822	44,854	47,205	54,500	47,432	20,373	14,460
Triple Antigen											
1st dose	45,974	42,574	38,239	36,982	37,828	41,144	41,109	36,493	32,514	33,223	32,751
2nd dose	45,581	41,958	38,123	35,602	35,670	39,456	39,003	35,528	31,695	31,449	31,661
3rd dose	45,308	42,787	38,641	35,013	35,217	38,797	38,569	36,148	31,291	30,209	31,302
Boosters	12,772	14,942	14,075	11,159	11,919	13,639	15,282	7,211	8,759	20,904	19,784
Poliomyelitis Immunization											
1st dose	57,995	53,499	45,514	45,173	44,255	46,664	45,769	40,705	35,803	35,617	34,507
2nd dose	59,657	54,580	47,156	44,381	43,103	45,961	43,661	40,460	36,094	34,176	33,754
3rd dose	61,396	56,583	48,604	44,285	43,377	45,836	44,024	41,628	35,848	33,639	34,008
Boosters	49,589	43,484	55,787	67,742	58,256	57,367	62,242	62,126	63,929	67,306	59,396
Measles	-	-	-	-	-	-	-	-	-	3,402	10,321

Source: Ministry of Health

15.9 VACCINATION AND IMMUNISATION
School Children

Number of Doses

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
BCG Vaccination	63,596	58,473	43,986	35,030	23,636	22,415	21,383	31,050	31,411	31,068	26,141
Smallpox Revaccination	46,937	42,991	44,894	51,726	51,585	47,557	46,409	44,314	41,831	37,405	43,501
Diphtheria Tetanus											
1st dose	19,417	12,882	9,843	8,007	3,294	2,853	1,759	1,207	988	611	852
2nd dose	22,693	10,404	10,023	6,810	3,296	2,285	1,556	1,175	884	507	810
Boosters	17,266	19,407	24,411	31,320	24,487	23,158	23,267	21,148	19,585	119,271	99,613
Poliomyelitis Immunization											
1st dose	40,522	38,074	40,074	40,114	33,859	41,092	38,219	35,267	29,000	1,111	1,245
2nd dose	43,224	31,700	42,593	46,612	36,716	40,326	38,853	36,673	33,181	1,139	1,271
3rd dose	-	-	-	-	-	-	-	-	-	504	1,377
Boosters	-	-	-	-	-	-	-	-	-	125,758	98,732
Rubella	-	-	-	-	-	-	-	-	-	9,813	20,055

Source: Ministry of Health

15.10 STUDENT MEDICAL CHECK-UP

											Number
	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
New Entrants	54,726	51,942	52,441	50,966	54,074	36,362	40,989	45,843	41,319	41,606	43,559
Primary School Leavers	51,448	55,158	59,391	53,391	57,115	40,871	47,984	54,346	49,815	51,767	39,195
Secondary School Leavers	22,676	24,402	28,969	22,876	25,720	21,259	24,329	30,771	17,009	36,915	17,159
Re-examination	18,848	20,587	22,300	31,398	41,336	41,054	47,948	66,815	73,525	85,516	103,024
Others	4,239	5,836	5,324	2,993	2,896	574	19,319	19,987	2,962	4,543	2,469
TOTAL	151,937	157,925	168,425	161,624	181,141	140,120	180,569	217,762	184,630	220,347	205,406
Males	74,094	75,812	80,880	70,254	85,034	60,277	76,186	105,960	84,591	109,859	96,330
Females	77,843	82,113	87,545	91,370	96,107	79,843	104,383	111,802	100,039	110,488	109,076

Source: Ministry of Health

15.11 RESULTS OF STUDENT MEDICAL CHECK-UP
(Per cent of total examined)

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
	Males										
Incidence of:											
Dental caries	27.01	32.34	30.96	26.56	27.25	26.28	19.53	16.61	16.23	15.66	17.41
Skin infection	3.61	5.72	4.90	5.95	6.41	5.59	3.06	2.53	2.18	3.32	.81
Eyes: Infection	.74	.44	.38	.59	.30	.53	.05	.02	.07	.03	.02
Defective vision	8.65	7.34	7.65	21.77	17.22	22.51	17.66	28.44	32.95	27.22	23.82
ENT : Enlarged tonsils	.08	.05	.01	.07	.09	.02	.01	.01	.02	.02	.12
Ear infections	.08	.06	.05	.07	.08	.43	.12	.07	.06	.03	.02
Cardiac disease	.99	1.23	.77	1.21	1.34	1.71	.69	.52	.86	.92	1.41
Respiratory infection	.32	.44	1.15	.68	.79	.57	.09	.24	.07	.11	.01
Genito - Urinary	3.34	5.01	4.74	6.51	7.16	7.93	5.57	5.90	5.72	2.80	4.42
Anaemia (under 60% Hb)	.13	.65	2.05	.81	.16	.07	.05	.07	.02	.01	.01
Worm infestation	1.93	4.11	2.79	.53	.77	.93	.06	.39	.06	.01	.02
Others 1	1.45	1.90	1.47	1.68	1.39	3.39	1.02	1.73	2.20	1.03	1.93
	Females										
Incidence of:											
Dental caries	26.32	19.59	25.69	25.84	23.00	17.40	16.87	13.00	10.93	11.75	11.99
Skin infection	5.80	5.62	6.26	11.67	9.70	5.08	4.24	1.89	3.13	2.79	2.31
Eyes: Infection	1.04	1.11	1.28	1.25	.58	.64	.09	.03	.06	.01	.01
Defective vision	12.37	12.32	15.35	20.06	26.40	28.32	21.11	30.80	40.64	32.57	34.39
ENT : Enlarged tonsils	.02	.06	.33	.32	.46	.05	.06	.05	.06	.09	.30
Ear infections	.11	.15	.19	.18	.19	.23	.11	.06	.03	.03	.01
Cardiac disease	.53	.57	.66	.60	.49	.38	.62	.53	.50	.90	.86
Respiratory infection	1.32	.82	1.26	1.24	1.02	.78	.52	.37	.08	.18	.02
Genito - Urinary	.33	.32	.33	.59	.47	.38	.67	.36	.31	.14	.18
Anaemia (under 60% Hb)	.19	.11	.13	.08	.05	.04	.06	.04	.03	.01	-
Worm infestation	3.11	1.51	3.73	3.37	3.36	1.88	1.32	.56	.08	.06	.08
Others 1	1.45	.94	1.12	2.62	1.40	1.71	.71	1.28	2.16	1.37	1.87

1 Include postural defects, cleft palate, chest deformities.

Source: Ministry of Health

15.12 FAMILY PLANNING

Number										
Year	Visits to Family Planning Clinic ¹							Sterilization		
	Total	First Visit			Revisit			Total	Females	Males
		Contraceptive Pill	Condom	Others	Contraceptive Pill	Condom	Others			
1967	200,651	18,874	9,650	2,411	141,593	16,323	11,800	653	653	-
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

1 Figures refer to visits to Government Clinics only.

Source: Singapore Family Planning and Population Board

15.13 BLOOD DONATIONS AND TRANSFUSIONS

Year	Donors	Donations Received	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							
1967	18,070	27,155	25,342	14,698	1,531	-	1,989	5,986	98	1,040
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

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

Source: Ministry of Health

16. CULTURE

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 separate channels, both on AM (medium and shortwave bands) and FM in the VHF Band II. In July 1969, an FM Stereo Service was started.

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

The conversion of TV Singapore's monochrome service to colour began on 2nd 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%

and in September 1977 to 78%. This includes news and newsreels, locally produced documentaries, outside recorded/'live' telecasts and a limited number of studio productions.

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

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.

Cinemas

Data on cinemas are obtained from the Customs and Excise Department. Under the Entertainment 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 to the community. In addition to the central library at Stamford Road, there are two full-time branch libraries, one in Queenstown and the other in Toa Payoh, two part-time branch

libraries in Siglap and Chai Chee and three mobile library vehicles providing services to 10 community centres weekly.

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 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
(End of period)

Ye r	Radio Licences	Radio and Television Licences	Number
			Rediffusion Subscribers
1967	79,277	96,164	48,568
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

Source: Inland Revenue Department
Rediffusion Singapore Pte Ltd

16.2 RADIO AND TELEVISION TRANSMISSION

Hours Per Week							
Year	Radio						Television
	Total	Malay	Chinese	Indian	English	FM Stereo	
1967	466	116	137	99	114	-	73.5
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

Source: Department of Broadcasting

16.3 CINEMAS

Year	Cinemas			Total Seating Capacity	Attendances
	Total	Air Conditioned	Other		
	Number			Thousands	
1967	74	34	40	57	27,099
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

Source: Customs and Excise Department

16.4 BOOKS AT THE NATIONAL LIBRARY

Year	Number				
	Total	Malay	Chinese	Indian	English
1967	317,100	41,200	71,700	20,400	183,800
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	136,922	38,422	275,573
1972	585,097	77,371	153,532	48,916	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

Source: Singapore National Library

16.5 NATIONAL LIBRARY MEMBERSHIP

Number			
Year	Total	Persons Aged 15 and Over	Children Under 15
1967	129,039	36,422	92,617
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

Source: Singapore National Library

PUBLICATIONS BY DEPARTMENT OF STATISTICS

TITLES		Prices in S\$ (excluding postage)
1	Monthly Digest of Statistics	2.50
2	Singapore Trade Statistics, Imports & Exports (Monthly)	7.00
3	Singapore Half-Yearly Trade Statistics, Imports & Exports	28.50
4	Yearbook of Statistics, 1976/77	5.00
5	Report on the Census of Industrial Production, 1976	4.50
6	Report on the Registration of Births and Deaths and Marriages, 1976	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, 1976	7.00
*18	Singapore Annual Key Indicators, 1968-1977	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

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