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YEARBOOK OF STATISTICS SINGAPORE 1973/74

CHIEF STATISTICIAN
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SINGAPORE



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PREFACE

The Yearbook of Statistics, Singapore, 1973/74, is the seventh edition in this series. 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 services provided by the public sector have 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 other government departments and statutory authorities. In the preparation of this seventh edition, data published in earlier issues have, where necessary, been updated and amended. Any comments and suggestions for improvement by interested persons will be most welcome.

The data for the Yearbook and the brief explanatory notes on the scope and coverage of the respective series were prepared mainly by the staff of the Publication Division 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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KEY INDICATORS

Year	Population (Mid-year Estimates)	Gross Domestic Product at Factor Cost	Per Capita GDP	Manufacturing Establishments		External Trade		
				Output	Index of Production (1970=100)	Total	Imports	Exports
	'000	\$ Million	\$	\$ Million		\$ Million		
1963	1,795.0	2,683.8	1,495	1,591.9	..	7,753.6	4,279.1	3,474.5
1964	1,841.6	2,700.3	1,466	1,544.9	..	6,250.6	3,478.7	2,771.9
1965	1,886.9	3,043.4	1,613	1,686.0	..	6,811.3	3,807.2	3,004.1
1966	1,934.4	3,365.2	1,740	1,979.9	54.8	7,439.3	4,065.7	3,373.6
1967	1,977.6	3,692.1	1,867	2,254.0	60.9	7,896.9	4,406.4	3,490.5
1968	2,012.0	4,257.0	2,116	2,806.2	71.8	8,974.5	5,083.8	3,890.7
1969	2,042.5	4,832.7	2,366	4,290.8	85.4	10,984.3	6,243.6	4,740.7
1970	2,074.5 ⁽¹⁾	5,657.3	2,727	4,627.2	100.0	12,289.6	7,533.8	4,755.8
1971	2,110.4	6,480.4	3,071	5,288.8	116.9	14,035.3	8,664.0	5,371.3
1972	2,147.4	7,454.9	3,472	6,126.7	134.9	15,687.4	9,538.0	6,149.4
1973	2,185.1	9,092.8*	4,161*	7,904.9*	152.2	21,419.7	12,512.9	8,906.8

(1) Census of Population, 1970.

KEY INDICATORS (continued)

Year	Cargo Handled			Passenger Arrivals By Air and Sea	Banks		Money Supply	Official Foreign Assets	Government Revenue	Consumer Price Index (April/May 1960=100) All Items
	Total	Loaded	Discharged		Deposits of Non-Bank Customers	Loans and Advances to Non-Bank Customers				
	Thousand Freight Tons			Persons	\$ Million		\$ Million			
1963	21,593.7	7,853.4	13,740.3	167,772	1,092.0	791.9	845.0	..	469.6	103.1
1964	18,051.1	6,169.0	11,882.1	163,275	1,137.2	876.8	856.4	..	432.9	104.7
1965	21,340.3	7,980.3	13,360.0	182,938	1,222.0	913.9	899.0	1,224.4	507.6	105.0
1966	26,638.0	10,094.5	16,543.5	212,985	1,412.1	1,026.3	1,005.9	1,399.4	585.2	107.1
1967	30,340.3	11,943.0	18,397.3	276,534	1,828.2	1,105.6	985.3	1,669.2	663.0	110.6
1968	35,637.5	13,959.3	21,678.2	328,345	2,309.7	1,351.4	1,196.0	2,186.6	803.0	111.4
1969	37,904.2	15,334.8	22,569.4	428,482	2,745.4	1,727.1	1,421.2	2,533.2	1,261.2 ⁽²⁾	111.1
1970	42,159.8	15,720.4	26,439.4	546,019	3,194.9	2,167.7	1,651.6	3,099.8	1,266.5	111.5
1971	48,086.6	19,269.0	28,817.6	662,359	3,745.8	2,615.0	1,786.0	4,096.3	1,468.5	113.6
1972	57,064.2	21,412.4	35,651.8	838,027	4,736.7	3,565.2	2,412.6	4,930.9	1,749.3	116.0
1973	61,268.9	22,702.0	38,566.9	1,066,234	5,799.8	5,146.5	2,662.7	5,800.2	1,874.9*	142.6

(2) Refers to financial year 1st January, 1969 to 31st March, 1970.

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

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 586 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

deposit 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 31°C and the minimum 24°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

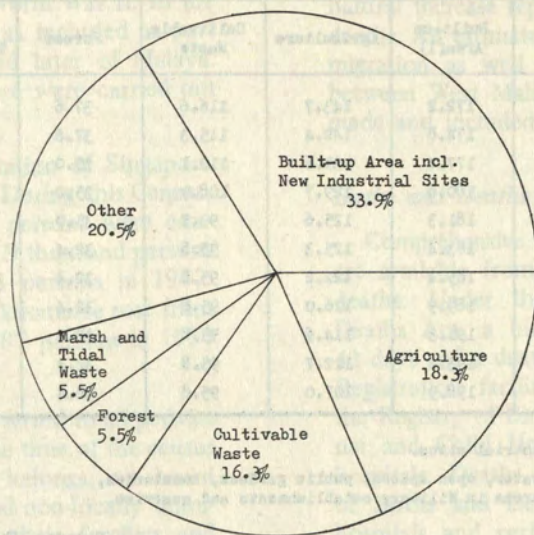
Of the total land area, about one-third has been developed for residential, commercial and industrial usage and another one-fifth used for agriculture. The balance which accounted for about half the total land area consists of cultivable waste, forest reserves, marsh and other non-built up areas.

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	
1963	31.1	23.5	71	1,819	110	142	5.78
1964	30.7	23.4	73	2,826	146	212	5.02
1965	31.0	23.1	69	1,853	144	156	5.60
1966	31.0	23.7	70	2,480	60	190	5.27
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

Source: Meteorological Services

LAND AREA BY UTILIZATION, 1973



1.2 LAND AREA BY UTILIZATION

Square Kilometres							
Year	Total	Built-up Area(1)	Agriculture	Cultivable Waste	Forest	Marsh and Tidal Waste	Others(2)
1963	581.5	172.2	143.7	116.6	37.6	35.0	76.4
1964	581.5	174.8	142.4	115.3	37.6	35.0	76.4
1965	581.5	177.4	131.6	110.1	35.0	35.0	92.4
1966	581.5	180.8	129.7	108.0	35.0	35.0	93.0
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	116.0	95.8	32.4	32.4	119.9
1971	586.4	191.3	114.6	95.8	32.4	32.4	119.9
1972	586.4	193.2	112.7	95.8	32.4	32.4	119.9
1973	586.4	198.9	107.0	95.8	32.4	32.4	119.9

(1) Include new industrial sites.

(2) Include inland water, open spaces, public gardens, cemeteries,
non-built up areas in Military establishments and quarries.

Source: Chief Surveyor Office

2. DEMOGRAPHY

Population Census

Singapore conducted its first population census in 1871 and subsequent censuses at ten-yearly 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 with no place of residence in Singapore.

Mid-Year Estimates

Mid-year estimates of population are compiled primarily based on census data and estimates of natural increase representing excess of births over deaths. An estimate of the changes due to external migration as well as the movement of persons between West Malaysia and the Republic is also made and included, where significant.

Births and Deaths Statistics

Comprehensive statistics of births and deaths are available from the registration of 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 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 37.5 per thousand population in 1960 to 22.1 in 1973 while death rates have shown some decline from 6.2 per thousand population to 5.5 during the same period. The expectancy of life calculated on the basis of the 1970 Census of Population was 65.1 years for males and 70.0 years for females.

Marriages

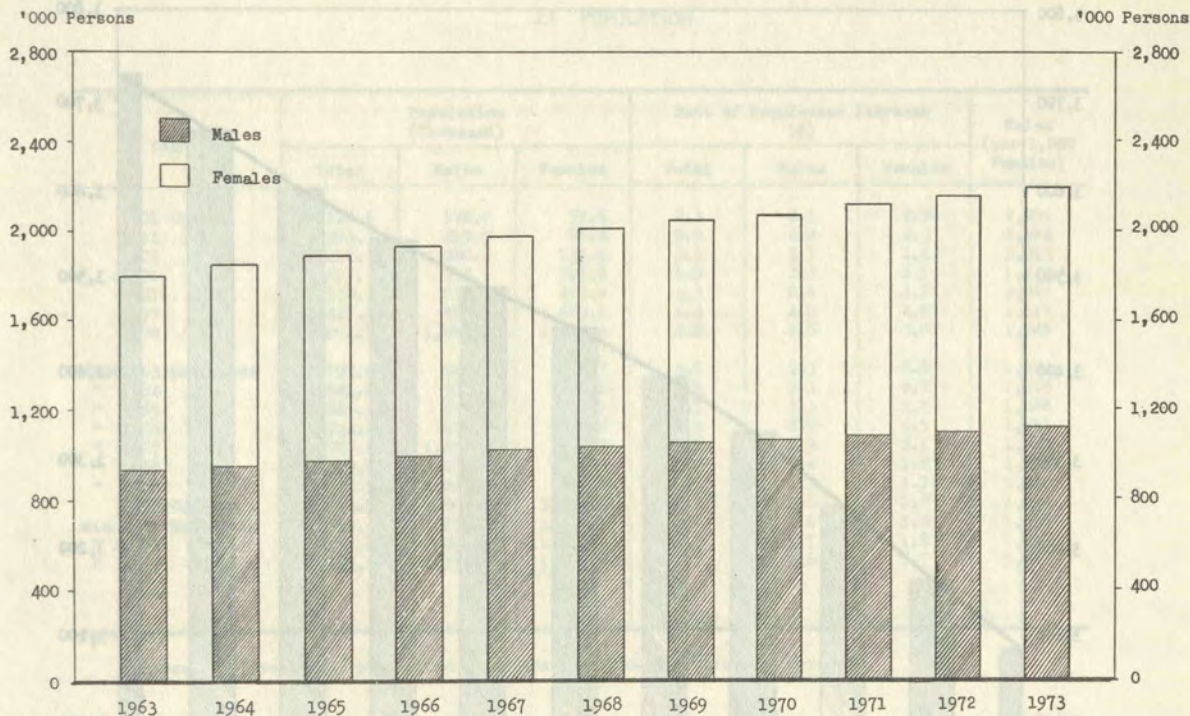
Compulsory registration of all marriages other than Muslim marriages is provided for under the Women's Charter, 1961. Prior to 1961 such mar-

riages were registered under the Christian Marriage Ordinance and the Civil Marriage Ordinance but there was no compulsory registration.

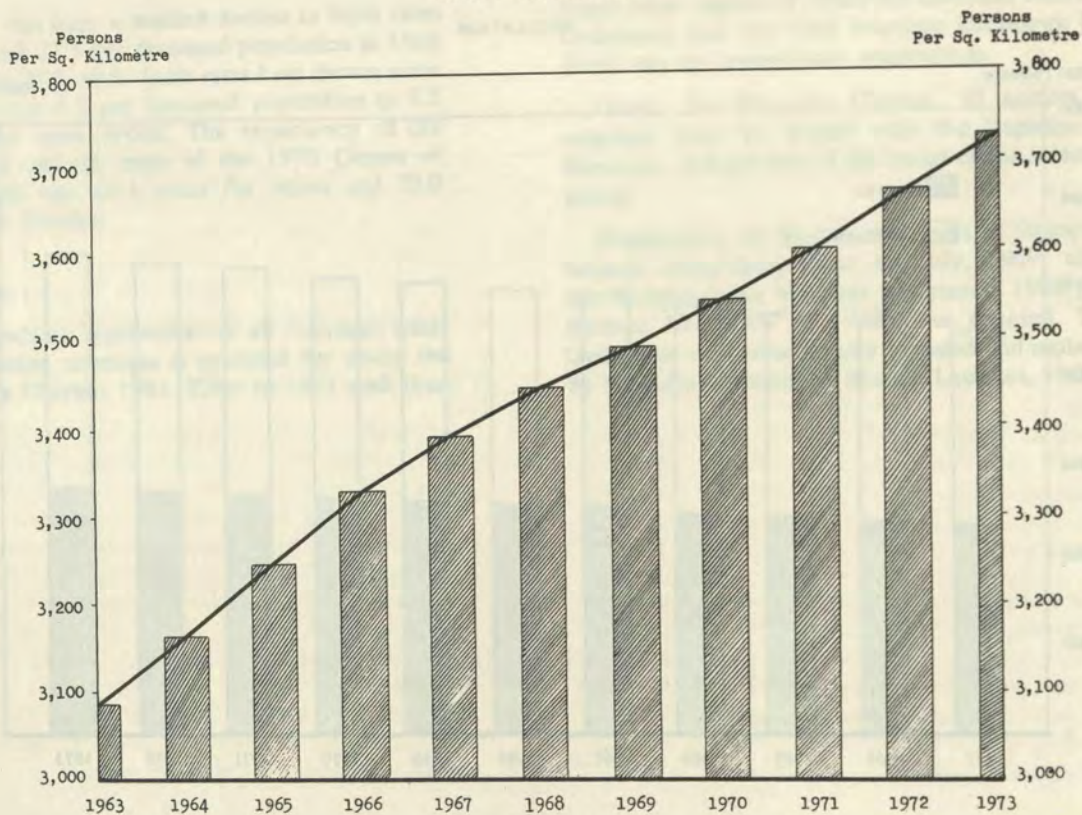
Under the Women's Charter, all notices of marriage must be lodged with the Registrar of Marriages, irrespective of the venue of the solemnization.

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.

POPULATION



POPULATION DENSITY



2.1 POPULATION

Year	Population (Thousand)			Rate of Population Increase (%)			Males (per 1,000 Females)
	Total	Males	Females	Total	Males	Females	
1901 Census	227.6	170.0	57.6	2.3	2.1	2.9	2,951
1911 "	303.3	215.5	87.8	2.9	2.4	4.3	2,454
1921 "	418.3	280.9	137.4	3.3	2.7	4.6	2,043
1931 "	557.7	352.1	205.6	2.9	2.3	4.1	1,713
1947 "	938.2	515.0	423.2	3.3	2.4	4.6	1,217
1957 "	1,445.9	762.8	683.1	4.4	4.0	4.9	1,117
1970 "	2,074.5	1,062.1	1,012.4	2.8	2.6	3.0	1,049
Mid-1963 Estimates	1,795.0	929.3	865.7	2.5	2.3	2.9	1,073
" 1964 "	1,841.6	951.5	890.1	2.5	2.3	2.7	1,069
" 1965 "	1,886.9	973.8	913.1	2.5	2.3	2.7	1,066
" 1966 "	1,934.4	995.8	938.6	2.3	2.2	2.5	1,061
" 1967 "	1,977.6	1,017.4	960.2	2.0	1.9	2.1	1,060
" 1968 "	2,012.0	1,034.1	977.9	1.6	1.4	1.8	1,057
" 1969 "	2,042.5	1,046.9	995.6	1.5	1.3	1.7	1,052
1970 Census	2,074.5	1,062.1	1,012.4	1.7	1.6	1.8	1,049
Mid-1971 Estimates	2,110.4	1,079.7	1,030.7	1.7	1.6	1.8	1,048
" 1972 "	2,147.4	1,098.0	1,049.4	1.8	1.7	1.8	1,046
" 1973 "	2,185.1	1,116.6	1,068.5	1.7	1.6	1.7	1,045

Notes: Intercensal population estimates for 1960-1969 have been revised.

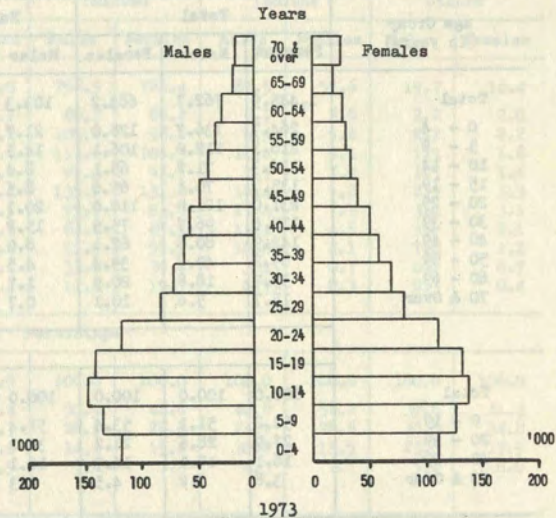
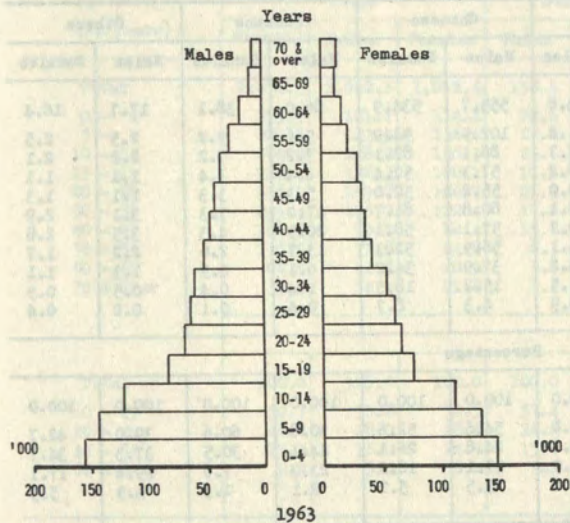
2.2 POPULATION BY ETHNIC GROUP

Thousand Persons

Year	Total	Malays	Chinese	Indians(1)	Others
1901 Census	227.6	36.0	164.0	17.8	9.8
1911 "	303.3	41.8	219.5	27.8	14.2
1921 "	418.3	53.6	315.1	32.3	17.3
1931 "	557.7	65.0	418.6	50.8	23.3
1947 "	938.2	113.8	729.5	69.0	25.9
1957 "	1,445.9	197.0	1,090.6	124.1	34.2
1970 "	2,074.5	311.4	1,579.8	145.2	38.1
Mid-1963 Estimates	1,795.0	257.2	1,369.3	132.0	36.5
" 1964 "	1,841.6	267.0	1,405.5	133.0	36.1
" 1965 "	1,886.9	277.0	1,439.5	135.1	35.3
" 1966 "	1,934.4	287.7	1,473.8	135.8	37.1
" 1967 "	1,977.6	295.8	1,504.4	137.5	39.9
" 1968 "	2,012.0	300.5	1,531.4	139.2	40.9
" 1969 "	2,042.5	306.0	1,555.0	139.7	41.8
1970 Census	2,074.5	311.4	1,579.8	145.2	38.1
Mid-1971 Estimates	2,110.4	317.3	1,606.6	147.5	39.0
" 1972 "	2,147.4	323.2	1,634.6	149.6	40.0
" 1973 "	2,185.1	329.1	1,663.4	151.7	40.9

(1) From 1970 Indians include Ceylonese which were previously classified under "Others".

AGE PYRAMIDS 1963 AND 1973



2.3 POPULATION BY AGE GROUP AND ETHNIC GROUP, 1957 CENSUS

Thousand Persons

Age Group (In years)	Total			Malays		Chinese		Indians		Others	
	Persons	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	1,445.9	762.7	683.2	103.3	93.8	555.7	534.9	86.0	38.1	17.7	16.4
0 - 4	264.7	136.7	128.0	21.7	21.4	102.9	94.9	9.6	9.2	2.5	2.5
5 - 9	218.1	112.0	106.1	14.5	14.7	88.1	82.1	7.2	7.2	2.2	2.1
10 - 14	136.3	71.2	65.1	8.4	8.2	57.3	52.4	4.4	3.4	1.1	1.1
15 - 19	135.7	70.1	65.6	8.5	9.0	55.2	52.0	5.3	3.3	1.1	1.3
20 - 29	231.0	121.0	110.0	20.1	18.1	80.8	81.7	17.0	7.3	3.1	2.9
30 - 39	172.6	96.7	75.9	15.2	10.7	57.1	58.1	20.9	4.3	3.5	2.8
40 - 49	142.9	80.8	62.1	8.0	6.1	56.9	52.3	13.7	2.0	2.2	1.7
50 - 59	89.2	49.8	39.4	4.5	3.2	37.9	34.2	6.1	0.9	1.3	1.1
60 - 69	39.7	18.8	20.9	1.7	1.5	15.2	18.5	1.4	0.4	0.5	0.5
70 & Over	15.7	5.6	10.1	0.7	0.9	4.3	8.7	0.4	0.1	0.2	0.4
Percentage											
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	52.2	51.1	53.4	51.4	56.8	54.6	52.6	30.8	60.6	39.0	42.7
20 - 39	27.9	28.6	27.2	34.2	30.7	24.8	26.1	44.1	30.5	37.3	34.7
40 - 59	16.1	17.1	14.9	12.1	9.9	17.1	16.2	23.0	7.6	19.8	17.1
60 & Over	3.8	3.2	4.5	2.3	2.6	3.5	5.1	2.1	1.3	3.9	5.5

2.4 POPULATION BY AGE GROUP AND ETHNIC GROUP, 1970 CENSUS

Thousand Persons

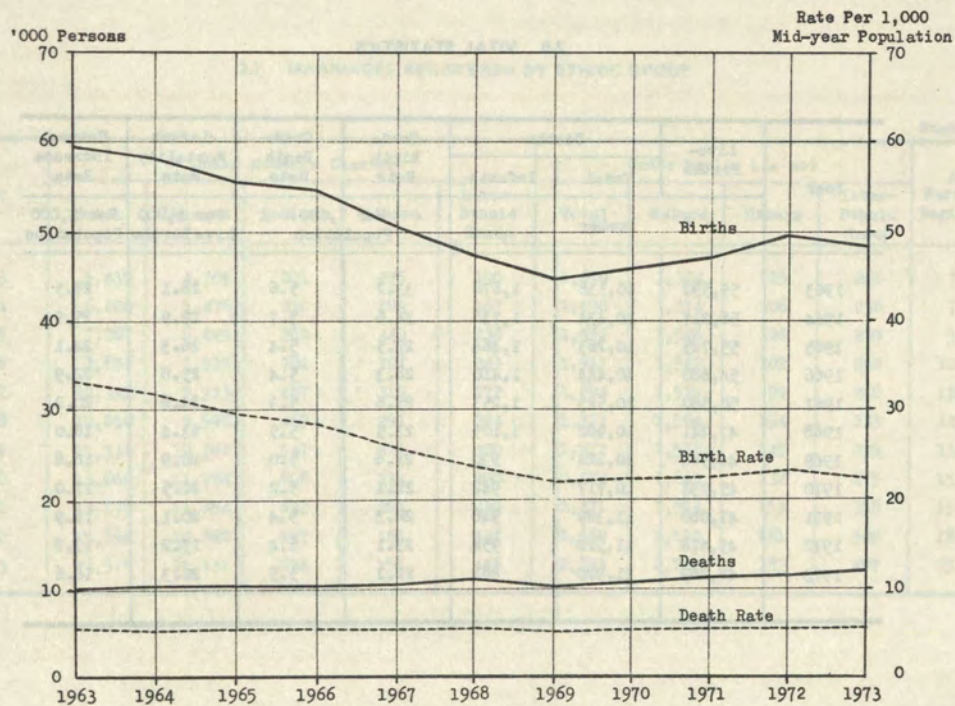
Age Group (In years)	Total			Malays		Chinese		Indians		Others	
	Persons	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	2,074.5	1,062.1	1,012.4	158.4	153.0	796.5	783.4	87.5	57.6	19.7	18.4
0 - 4	235.5	121.1	114.4	22.6	22.2	88.2	82.4	8.1	7.8	2.2	2.0
5 - 9	280.5	143.9	136.6	26.8	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 - 29	336.5	169.8	166.7	21.3	22.4	135.2	131.8	10.4	9.2	2.9	3.3
30 - 39	249.3	126.9	122.4	17.0	18.5	95.1	93.5	11.4	7.3	3.4	3.1
40 - 49	182.6	98.2	84.4	15.8	11.9	63.0	65.9	16.4	4.5	3.0	2.1
50 - 59	136.6	71.8	64.8	8.3	6.4	51.9	55.1	10.0	2.1	1.6	1.2
60 - 69	82.4	41.5	40.9	3.8	3.1	33.9	36.4	3.1	0.7	0.7	0.7
70 & Over	35.9	14.1	21.8	1.3	1.4	11.8	19.7	0.7	0.3	0.3	0.4
Percentage											
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

2.5 POPULATION ESTIMATES BY AGE GROUP AND ETHNIC GROUP, 1973

Thousand Persons

Age Group (In years)	Total			Malays		Chinese		Indians		Others	
	Persons	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	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
0 - 4	226.7	117.0	109.7	18.8	18.0	88.1	82.0	7.4	7.2	2.7	2.5
5 - 9	261.0	133.5	127.5	25.8	25.3	96.5	91.2	9.0	8.9	2.2	2.1
10 - 14	287.2	147.9	139.3	25.9	25.1	109.6	102.5	10.3	9.6	2.1	2.1
15 - 19	275.3	141.0	134.3	21.4	21.2	109.0	102.9	8.9	8.4	1.7	1.8
20 - 29	394.9	200.5	194.4	26.5	27.1	159.5	153.5	11.6	10.7	2.9	3.1
30 - 39	263.4	132.2	131.2	16.8	19.1	102.4	101.1	9.7	7.8	3.3	3.2
40 - 49	198.4	105.5	92.9	16.1	13.4	70.3	71.9	16.0	5.2	3.1	2.4
50 - 59	141.0	74.3	66.7	10.0	7.4	50.4	55.4	11.9	2.5	2.0	1.4
60 - 69	94.8	47.6	47.2	4.5	3.7	38.0	41.8	4.3	1.0	0.8	0.7
70 & over	42.4	17.1	25.3	1.6	1.4	14.2	23.1	1.0	0.3	0.3	0.5
Percentage											
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	48.1	48.3	47.8	54.9	55.4	48.1	45.9	39.5	55.4	41.2	42.9
20 - 39	30.1	29.8	30.5	25.9	28.6	31.3	30.8	23.6	30.0	29.4	31.8
40 - 59	15.5	16.1	14.9	15.6	12.9	14.4	15.4	31.0	12.5	24.2	19.2
60 & over	6.3	5.8	6.8	3.6	3.1	6.2	7.9	5.9	2.1	5.2	6.1

BIRTHS AND DEATHS



2.6 VITAL STATISTICS

Year	Live-Births	Deaths		Crude Birth Rate	Crude Death Rate	Infant Mortality Rate	Natural Increase Rate
		Total	Infants				
	Number			Per 1,000 Population		Per 1,000 Live Births	Per 1,000 Population
1963	59,530	10,138	1,674	33.2	5.6	28.1	27.5
1964	58,217	10,434	1,738	31.6	5.7	29.9	25.9
1965	55,725	10,263	1,464	29.5	5.4	26.3	24.1
1966	54,680	10,444	1,410	28.3	5.4	25.8	22.9
1967	50,560	10,523	1,253	25.6	5.3	24.8	20.2
1968	47,241	10,982	1,105	23.5	5.5	23.4	18.0
1969	44,562	10,224	930	21.8	5.0	20.9	16.8
1970	45,934	10,717	942	22.1	5.2	20.5	17.0
1971	47,088	11,329	948	22.3	5.4	20.1	16.9
1972	49,678	11,522	954	23.1	5.4	19.2	17.8
1973	48,269	11,920	981	22.1	5.5	20.3	16.6

2.7 MARRIAGES REGISTERED BY ETHNIC GROUP

Year										Number
	Under Women's Charter					Under Muslim Law Act				All Marriages Registered
	Total	Chinese	Indians	Others	Inter- Ethnic Group	Total	Malays	Others	Inter- Ethnic Group	
1963	5,435	4,769	201	275	190	1,690	1,324	105	261	7,125
1964	6,202	5,476	250	289	187	1,698	1,354	106	238	7,900
1965	7,287	6,429	280	340	238	1,922	1,546	106	270	9,209
1966	8,891	7,939	382	327	243	1,911	1,547	102	262	10,802
1967	10,392	9,323	487	310	272	1,894	1,529	99	266	12,286
1968	10,652	9,598	469	291	294	1,971	1,584	154	233	12,623
1969	11,534	10,286	537	311	400	1,972	1,568	145	259	13,506
1970	13,066	11,784	608	274	400	2,272	1,865	132	275	15,338
1971	13,179	11,854	692	203	430	2,471	1,954	159	358	15,650
1972	15,556	14,260	697	165	434	2,662	2,132	181	349	18,218
1973	22,576	21,131	824	155	466	2,823	2,229	187	407	25,399

2.8 MARRIAGES REGISTERED BY AGE GROUP OF GROOM AND BRIDE

Age Group (In years)	Number							
	1972				1973			
	Groom		Bride		Groom		Bride	
	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	15,154	2,662	15,154	2,662	22,138	2,823	22,138	2,823
Under 15	-	-	1	-	-	-	-	-
15 - 19	124	91	1,560	978	190	126	2,506	1,008
20 - 24	4,920	1,120	8,593	1,220	6,910	1,229	12,331	1,298
25 - 29	6,191	946	3,726	293	9,273	985	5,570	345
30 - 34	2,635	280	854	78	3,804	242	1,174	80
35 - 39	763	100	242	48	1,220	98	339	38
40 - 44	262	55	103	22	419	54	116	21
45 - 49	114	26	43	10	167	36	57	22
50 & over	145	44	32	13	155	53	45	11
Unknown	-	-	-	-	-	-	-	-

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

3. LABOUR AND EMPLOYMENT

The data given in the tables are obtained from surveys conducted by the Ministry of Labour and from the administrative records of the Ministry and the Central Provident Fund Board.

Employment Statistics

Statistics on employment for the period 1963-1968 for certain categories of employees were collected by the Ministry of Labour under the Labour Ordinance, the Shop Assistants Employment Ordinance, and the Clerks Employment Ordinance. Under the provisions of these Ordinances, every employer was required to submit half-yearly returns to the Commissioner for Labour giving, inter alia, the number of workmen, clerks, industrial clerks and shop assistants employed by him at the end of March and September. All employees including those in the Navy, Air Force, Government and other public authorities and United Kingdom establishments were covered.

From 1969, statistics on employment have been collected under section 124 of the Employment Act, 1968 which superseded all the previous Ordinances. Under the provisions of this Act, all establishments in the private and public sectors are

required to submit half-yearly returns in respect of all categories of workers, 12 years of age and over, engaged by them at the end of March and September of each year.

The categories of persons covered include working proprietors, unpaid family workers and paid employees, but exclude domestic servants. Own account workers who are not registered as business establishments, such as farmers, hawkers, taxi drivers, etc. do not come within the scope of the Act.

The classification of industries is based on the Industrial Classification of All Economic Activities, Singapore, 1969, which was adapted from the International Standard Industrial Classification of the United Nations. The occupational groups used are based on the Singapore Standard Classification of Occupations, 1969, adapted from the International Standard Classification of Occupations (Revised), of the I.L.O. 1968.

Employment Service

The Employment Service of the Ministry of Labour provides free services for persons seeking

employment. In addition, it assists employers to recruit workers.

Registration for assistance at the Service is on a voluntary basis. Registrants are required to inform the Service within seven days after they have found employment. Registrants who are unemployed are expected to renew their registration every six months. Those who do not renew their registration or those who could not be located are taken off from the 'live' register. Thus the total number in the 'live' register refers to persons who have registered and whose names have not been removed from the register.

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, federation of employees' unions, and unions of employers.

Industrial Stoppages

Data on industrial stoppages refer to cases reported to and handled by the Chief Conciliation Officer of the Ministry of Labour and include both strikes and lockouts.

Central Provident Fund Board

Under the Central Provident Fund Act, every employer is required to pay monthly contributions to the Fund in respect of each employee. The Central Provident Fund records therefore provide a good coverage of all employees in Singapore. It does not, however, include persons in other categories such as employers, self-employed persons and unpaid family workers.

Prior to September 1968, the rate of contribution for employees whose monthly wage exceeded \$200 was 5 per cent of the monthly wage, subject to a maximum of \$25 a month. This amount was payable by both employer and employee. From September 1968 the rate and maximum amount of contribution were raised to 6½ per cent and \$150 a month respectively. From 1st January 1970, a further increase in the rate of contribution to 8 per cent was made but maximum contribution by both employers and employees remained at \$150 per month. With effect from 1971, the rate of contribution was increased to 10 per cent. For employees earning less than \$200 a month only the employer was required to make the contribution.

In 1972, there was a revision in the Act which resulted in an increase in the rates of contribution to the Fund as well as the coverage of the Act. For pensionable Government servants the Government was required to contribute at the rate of 4 per cent to the Fund with 2 per cent recoverable from wages of those whose monthly wages exceed \$200 per month. Contribution for non-pensionable Government employees and employees of designated statutory boards was increased to 24 per cent of which 12 per cent was recoverable from such employees if their salary exceeds \$200 per month. In July 1972, the rate of contribution by employers for employees in the private sector was also increased to 24 per cent but with 10 per cent recoverable from wages of employees who earn in excess of \$200 per month. For employees earning less than \$200 per month, no recovery from monthly wages was made. The maximum amount of contribution is \$360 a month.

From July 1973, employers are required to contribute to the Fund in respect of wages earned by their employees at the following rates generally:-

	Rate of contributions payable by employers	Proportion recoverable from wages of employees	Rate of contribution payable by employers for employees earning below \$200 per month
1. Government			
a. Pensionable employees	6%	3%	3%
b. non-pensionable employees	26%	13%	13%
2. Designated Statutory Authorities	26%	13%	13%
3. Other Employees	26%	11%	13%

The maximum amount of monthly contribution payable is \$390.

In addition, contributions are also payable to the Fund in respect of bonuses or additional wages which are not derived by the employees in respect of employment in the month, and the rate for such contributions is 26 percent to be paid jointly by employers and employees and such contributions are not subject to any maximum amount.

3.1 WORKMAN, CLERKS, INDUSTRIAL CLERKS AND SHOP ASSISTANTS

(At end September)

Year	Total	Workmen	Clerks	Industrial Clerks	Number
					Shop Assistants
1961	166,752	109,286	23,325	11,343	22,798
1962	168,111	111,141	23,633	11,528	21,809
1963	178,787	116,966	25,201	12,418	24,202
1964	182,172	118,743	26,765	12,789	23,875
1965	188,701	123,140	27,886	13,096	24,579
1966	202,908	128,577	31,044	15,552	27,735
1967	213,733	134,707	33,469	17,281	28,276
1968	226,754	142,063	35,665	17,712	31,314

Source: Ministry of Labour

3.2 PERSONS ENGAGED BY OCCUPATION GROUP, SECTOR AND SEX, 1972

(At end September)

Occupation Group	Both Sectors			Private Sector			Public Sector		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
Total: All Occupation Groups	547,969	367,868	180,101	439,767	289,100	150,667	108,202	78,768	29,434
Professional, Technical and Related Workers	51,431	30,062	21,369	20,026	14,189	5,837	31,405	15,873	15,532
Administrative and Managerial Workers	15,911	14,476	1,435	14,849	13,574	1,275	1,062	902	160
Clerical and Related Workers	97,273	61,273	36,000	73,951	46,366	27,585	23,322	14,907	8,415
Sales Workers	59,006	45,819	13,187	58,936	45,766	13,170	70	53	17
Service Workers	61,581	41,741	19,840	42,369	25,642	16,727	19,212	16,099	3,113
Agricultural and Fishery Workers	2,957	2,306	651	1,313	944	369	1,644	1,362	282
Transport Workers	30,668	30,365	303	23,038	22,861	177	7,630	7,504	126
Production Workers and Labourers	229,142	141,826	87,316	205,285	119,758	85,527	23,857	22,068	1,789

Notes: Figures are obtained from mandatory labour returns submitted by employers under the Employment Act (Cap. 122, 1970 Ed.). The data cover working proprietors, unpaid family workers, employees and other paid workers employed in establishments. Domestic servants, certain categories of own account workers (e.g. hawkers) and similar itinerant workers are excluded.

Source: Ministry of Labour

3.3 PERSONS ENGAGED BY OCCUPATION GROUP, SECTOR AND SEX, 1973

(At end September)

Occupation Group	Both Sectors			Private Sector			Public Sector		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
Total: All Occupation Groups	609,545	399,084	210,461	498,806	320,871	177,935	110,739	78,213	32,526
Professional, Technical and Related Workers	54,767	32,050	22,717	22,078	15,603	6,475	32,689	16,447	16,242
Administrative and Managerial Workers	18,370	16,643	1,727	17,373	15,834	1,539	997	809	188
Clerical and Related Workers	110,099	65,488	44,611	84,854	50,800	34,054	25,245	14,688	10,557
Sales Workers	62,581	47,850	14,731	62,519	47,798	14,721	62	52	10
Service Workers	66,446	44,708	21,738	46,875	28,448	18,427	19,571	16,260	3,311
Agricultural and Fishery Workers	3,294	2,592	702	1,656	1,237	419	1,638	1,355	283
Transport Workers	33,821	33,615	206	26,641	26,436	205	7,180	7,179	1
Production Workers and Labourers	260,167	156,138	104,029	236,810	134,715	102,095	23,357	21,423	1,934

Notes: See notes to Table 3.2

Source: Ministry of Labour

3.4 PERSONS ENGAGED BY INDUSTRY AND OCCUPATIONAL STATUS, 1972

(At end September)

Number

Industry	Occupational Status			
	Total	Working Proprietors/ Partners	Unpaid Family Workers	Employees and Other Paid Workers
Total: All Industries	547,969	38,806	12,787	496,376
Agriculture and Fishing	2,568	239	195	2,134
Mining and Quarrying	2,055	77	15	1,963
Manufacturing	190,290	6,742	2,458	181,090
Electricity, Gas, Water and Sanitary Services	15,378	-	-	15,378
Construction	30,883	3,237	373	27,273
Commerce	119,066	21,023	8,108	89,935
Transport, Storage and Communications	51,358	1,307	143	49,908
Finance, Insurance, Real Estate and Business Services	32,616	1,791	180	30,645
Community, Social and Personal Services	103,755	4,390	1,315	98,050

Notes: See notes to Table 3.2.

Source: Ministry of Labour

3.5 PERSONS ENGAGED BY INDUSTRY AND OCCUPATIONAL STATUS, 1973

(At end September)

				Number			
Industry				Occupational Status			
				Total	Working Proprietors/ Partners	Unpaid Family Workers	Employees and Other Paid Workers
Total: All Industries	..	..		609,545	42,802	14,427	552,316
Agriculture and Fishing	..	..		2,419	202	153	2,064
Mining and Quarrying	..	..		1,756	85	7	1,664
Manufacturing	..	..	..	221,117	7,570	2,846	210,701
Electricity, Gas, Water and Sanitary Services	..	..		16,058	-	-	16,058
Construction	..	..	..	37,113	4,463	541	32,109
Commerce	..	..	..	128,586	22,084	8,791	97,711
Transport, Storage and Communications				56,217	1,625	158	54,434
Financing, Insurance, Real Estate and Business Services	..	..		38,536	2,107	164	36,265
Community, Social and Personal Services	..	..	..	107,743	4,666	1,767	101,310

Notes: See notes to Table 3.2.

Source: Ministry of Labour

3.6 PERSONS ENGAGED BY INDUSTRY AND OCCUPATIONAL GROUP, 1972

(At end September)

Number

Occupation Group Industry	All Occupation Groups	Profession- al, Techni- cal and Related Workers	Admini- strative and Mana- gerial Workers	Clerical and Related Workers	Sales Workers	Service Workers	Agricul- tural and Fishery Workers	Trans- port Workers	Production Workers and Labourers
Total: All Industries ..	547,969	51,431	15,911	97,273	59,006	61,581	2,957	30,668	229,142
Agriculture and Fishing ..	2,568	132	90	267	82	41	1,184	136	636
Mining and Quarrying ..	2,055	116	103	359	13	75	-	159	1,230
Manufacturing	190,290	4,971	4,533	14,426	2,859	2,752	64	3,559	157,126
Electricity, Gas, Water and Sanitary Services	15,378	716	35	1,843	21	174	114	330	12,145
Construction	30,883	1,569	579	3,706	72	610	14	2,070	22,263
Commerce	119,066	981	4,801	22,468	52,115	22,349	59	3,952	12,341
Transport, Storage and Communications	51,358	2,272	1,580	19,327	502	2,149	87	18,192	7,249
Finance, Insurance, Real Estate and Business Services ..	32,616	3,375	2,866	16,804	2,570	1,599	126	568	4,708
Community, Social and Personal Services	103,755	37,299	1,324	18,073	772	31,832	1,309	1,702	11,444

Notes: See notes to Table 3.2.

Source: Ministry of Labour

3.7 PERSONS ENGAGED BY INDUSTRY AND OCCUPATIONAL GROUP, 1973

(At end September)

(At end September)										Number
Occupation Group Industry	All Occu- pation Groups	Profess- ional, Technical and Related Workers	Adminis- trative and Mana- gerial Workers	Clerical and Related Workers	Sales Workers	Service Workers	Agricul- tural and Fishery Workers	Trans- port Workers	Production Workers and Labourers	
Total: All Industries ..	609,545	54,767	18,370	110,099	62,581	66,446	3,294	33,821	260,167	
Agriculture and Fishing ..	2,419	144	79	239	36	44	1,174	133	570	
Mining and Quarrying ..	1,756	142	96	373	10	58	-	144	933	
Manufacturing	221,117	5,906	5,412	17,704	3,056	3,102	44	4,249	181,644	
Electricity, Gas, Water and Sanitary Services	16,058	755	34	2,027	24	98	162	504	12,454	
Construction	37,113	1,974	746	4,166	126	584	15	2,002	27,500	
Commerce	128,586	1,084	5,001	25,326	55,133	24,600	118	4,700	12,624	
Transport, Storage and Communications	56,217	2,822	1,822	21,188	5 69	2,307	66	19,681	7,762	
Financing, Insurance, Real Estate and Business Services	38,536	3,830	3,776	19,519	2,655	1,809	112	627	6,208	
Community, Social and Personal Services	107,743	38,110	1,404	19,557	972	33,844	1,603	1,781	10,472	

Notes: See notes to Table 3.2.

Source: Ministry of Labour

3.8 REGISTRATION AT EMPLOYMENT SERVICE

Year	Number on 'live' register (At end period)	Number								
		New Registrants			Vacancies Notified			Vacancies Filled		
		Total	Males	Females	Total	Males	Females	Total	Males	Females
1963	42,777	18,673	13,871	4,802	1,876	1,235	641	1,376	753	623
1964	50,667	23,491	15,472	8,019	2,109	1,496	613	1,171	733	438
1965	57,711	23,629	15,680	7,949	2,810	2,169	641	2,275	1,726	549
1966	71,705	22,904	14,500	8,404	3,309	2,767	542	2,901	2,402	499
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

Source: Ministry of Labour

3.9 TRADE UNIONS AND MEMBERSHIP

Year	Federation Class(1)	Employee Class		Employer Class
	Number of Unions	Number of Unions	Membership	Number of Unions
1963	4	112	142,936	54
1964	4	106	157,050	54
1965	4	108	154,052	53
1966	3	108	141,925	55
1967	2	106	130,053	55
1968	2	110	125,518	54
1969	2	110	120,053	53
1970	1	102	112,488	53
1971	1	100	124,350	52
1972	1	97	166,988	52
1973	1	92	191,481	51

(1) Relate to unions of "employee" class.

Source: Ministry of Labour

3.10 INDUSTRIAL STOPPAGES

Year	Stoppages By Causes				Number	
	Total	Dismissal	Wages	Others	Workers Involved	Man-Days Lost
1963	47	16	17	14	33,004	388,219
1964	39	16	6	17	2,535	35,908
1965	30	8	16	6	3,374	45,800
1966	14	5	7	2	1,288	44,762
1967	10	6	2	2	4,491	41,322
1968	4	1	1	2	172	11,447
1969	-	-	-	-	-	8,512 ⁽¹⁾
1970	5	1	1	3	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

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

Source: Ministry of Labour

3.11 CONTRIBUTIONS TO THE CENTRAL PROVIDENT FUND BY WAGE LEVEL
(At end period)

Monthly Wage Level	1967		1968		1970		1971		1972		1973	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
Total	266,600	100.0	276,319	100.0	369,942	100.0	410,412	100.0	529,233	100.0	601,376	100.0
Below \$100 ..	47,126	17.7	51,130	18.5	66,070	17.9	62,126	15.1	55,570	10.5	46,046	7.6
\$100 to under \$200	114,170	42.8	114,826	41.6	146,753	39.7	164,134	40.0	194,688	36.8	195,934	32.6
\$200 to under \$300	51,968	19.5	53,578	19.4	68,788	18.6	80,092	19.5	108,818	20.6	138,449	23.0
\$300 to under \$400	19,066	7.1	20,117	7.3	31,578	8.5	37,758	9.2	59,008	11.1	72,011	12.0
\$400 to under \$500	11,669	4.4	12,298	4.4	18,469	5.0	21,807	5.3	39,649	7.5	46,667	7.8
\$500 and over ..	22,601	8.5	24,370	8.8	38,284	10.3	44,495	10.9	71,500	13.5	102,269	17.0

Notes: Data for 1969 is not available.

Source: Central Provident Fund Board

3.12 MEMBERS OF THE CENTRAL PROVIDENT FUND BY AGE GROUP

(At end period)

Age Group (In years)	1967		1968		1969		1970		1971		1972		1973	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
Total	465,029	100.0	504,828	100.0	560,133	100.0	638,829	100.0	714,657	100.0	855,307	100.0	961,991	100.0
Under 15	723	0.2	863	0.2	1,333	0.2	1,883	0.3	2,349	0.3	2,924	0.4	3,061	0.3
15 to under 20 ..	34,608	7.4	42,747	8.5	60,335	10.8	81,181	12.7	99,286	13.9	123,824	14.5	142,489	14.8
20 to under 25 ..	73,073	15.7	89,950	17.8	108,416	19.4	136,029	21.3	159,762	22.3	200,600	23.5	232,067	24.1
25 to under 30 ..	79,529	17.1	84,687	16.8	84,305	15.1	84,618	13.2	96,699	13.5	127,775	14.9	152,862	15.9
30 to under 35 ..	63,729	13.7	71,243	14.1	78,889	14.1	86,326	13.5	94,921	13.3	103,830	12.1	110,333	11.5
35 to under 40 ..	53,938	11.6	56,555	11.2	59,530	10.6	65,532	10.3	70,564	9.9	78,097	9.1	87,171	9.1
40 to under 45 ..	43,185	9.3	47,055	9.3	50,103	8.9	54,407	8.5	57,725	8.1	63,950	7.5	67,745	7.0
45 to under 50 ..	35,278	7.6	37,518	7.4	38,935	7.0	41,194	6.5	44,296	6.2	49,725	5.8	54,390	5.7
50 to under 55 ..	27,720	6.0	30,333	6.0	31,523	5.6	33,958	5.3	35,596	5.0	38,646	4.5	40,794	4.2
Over 55	18,314	3.9	27,704	5.5	32,497	5.8	37,496	5.9	41,316	5.8	46,254	5.4	51,076	5.3
Age not stated ..	34,932	7.5	16,173	3.2	14,267	2.5	16,205	2.5	12,143	1.7	19,682	2.3	20,003	2.1

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

Source: Central Provident Fund Board

4. AGRICULTURE, LIVESTOCK AND FISHERIES

Agriculture

Estimates of the land area under cultivation by principal crops and their production are made by the Department of Primary Production.

Agriculture in Singapore is mainly concerned with the production of livestock, poultry and vegetables for domestic consumption. It is estimated that about one-fifth of the total land area of Singapore is under cultivation. Mixed farming, such as cultivation of vegetables in conjunction with livestock rearing, is commonly practised. Since the mid-sixties, Singapore has been able to meet most of her requirements of pork, poultry, and hen eggs while local production of fresh vegetables meet about 45 per cent of the total needs. The main vegetables grown are leafy vegetables like choy sam, kailan, kangkong and pak choy, and fruit vegetables like brinjals, cucumbers, long beans and ladies fingers. The root crops are sweet potatoes and tapioca, which are used either for human consumption or as animal fodder. The common fruits grown in Singapore are papayas, bananas, lime and rambutans.

Livestock Slaughtered

Data on livestock slaughtered at the abattoirs are obtained from the Department of Primary Production and refer to livestock slaughtered at the Government abattoirs at Jurong and French Road. All slaughtering is undertaken at Government abattoirs under close supervision by the Veterinary Division of the Primary Production Department but there is still some amount of private slaughtering especially in the rural areas.

Fisheries

All fishing vessels and fishermen engaged in inshore and offshore fishing are licensed by the Director of Primary Production. Fisherman operating simple inshore gear, such as cast nets, and fishpond operators are not required to be licensed. Data on local production of fish comprise both inshore and offshore catches. Fishing around Singapore waters normally using non-powered boats or boats powered with outboard engines, is classified as inshore fishing and the bulk of such catches are from kelongs, drift nets and beach

4.1 LAND AREA OF PRINCIPAL CROPS

Year	Hectares					
	Rubber	Coconuts	Fruits	Mixed Vegetables	Root Crops	Tobacco
1963	5,180	2,720	1,874	1,775	1,164	265
1964	5,059	2,720	1,870	1,801	1,166	203
1965	4,934	2,711	1,878	1,801	1,166	333
1966	4,934	2,711	1,849	1,781	1,141	242
1967	4,622	2,711	1,825	1,773	1,133	226
1968	4,452	2,711	2,185	1,696	1,056	287
1969	4,189	2,631	2,428	1,578	1,012	255
1970	4,047	2,631	2,509	1,437	951	364
1971	3,482	2,610	2,585	1,329	1,080	372
1972	3,294	2,600	2,588	1,367	1,013	243
1973	3,160	2,400	2,657	1,025	790	310

Source: Department of Primary Production

4.2 PRODUCTION OF PRINCIPAL CROPS

Year	Mixed Vegetables	Root Crops	Fruits ⁽¹⁾	Rubber	Tobacco	Coconuts
	Metric Tons					Million Nuts
1963	31,852	8,738	..	1,775	360	11
1964	32,319	9,347	..	1,524	388	11
1965	32,360	9,246	..	1,524	508	11
1966	31,989	9,053	..	1,524	475	11
1967	31,852	8,992	..	2,540	398	11
1968	31,679	8,961	19,050	2,540	508	11
1969	31,496	9,144	19,560	2,540	342	11
1970	30,480	11,684	19,015	2,012	490	11
1971	61,730	8,630	17,820	1,680	500	10
1972	65,810	7,900	18,140	1,530	317	10
1973	49,550	6,400	18,400	1,205	417	9

(1) Figures have been revised and are available from 1968.

Source: Department of Primary Production

4.3 LIVESTOCK SLAUGHTERED

Year	Number				
	Swine	Sheep	Oxen	Buffaloes	Goats
1963	394,981	90,219	6,030	2,851	2,173
1964	362,923	69,189	3,225	5,440	2,649
1965	392,026	77,291	1,796	7,755	1,848
1966	430,330	91,298	4,344	5,596	1,310
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

Source: Department of Primary Production

4.4 FISHING VESSELS LICENSED

(At end period)

Year	Fishing Vessels				Number
	Total	Non-Powered	Powered		Licensed Fishermen
			Inboard	Outboard	
1963	1,899	1,255	188	456	4,122
1964	1,787	1,148	185	454	3,909
1965	1,711	1,088	189	434	3,783
1966	1,700	1,014	254	442	4,001
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

Source: Department of Primary Production

4.5 FRESH FISH LANDED AND AUCTIONED

Metric Tons					
Year	Local Production	Imports	Exports	Total Availability	Fish Auctioned
1963	12,488	33,819	2,311	43,996	9,484
1964	10,444	38,380	2,377	46,447	8,527
1965	10,971	48,287	2,560	56,698	8,951
1966	18,456	47,619	3,103	62,972	9,423
1967	18,208	43,506	3,098	58,616	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	17,952	57,797	6,059	69,690	65,593

Notes: Since 1969, with the opening of the Jurong Central Fish Market, all fresh fish auctioned has been centralised and the coverage of fish auctioned is now comprehensive.

Source: Department of Primary Production

5. INDUSTRIAL PRODUCTION

Census of Industrial Production

Censuses of manufacturing establishments in the private and public sector, employing ten or more persons, are conducted annually by the Department of Statistics. The establishments covered account for over 95 per cent of all industrial activities in terms of output in Singapore and provide a good indication of the changes 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 was 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 classified 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. Other workers refer to all other 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, power, lighting fuel, water and 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).

Pioneer Industries

The Economic Development Board is the statutory authority responsible for all aspects of industrial development and promotion and for the granting of pioneer certificates. Pioneer status provides firms, inter alia, with special benefits relating to tax exemptions, capital allowances and accelerated depreciation deductions. Statistics on pioneer industries are collected and compiled by the Board and refer to firms in production as well as firms in implementation.

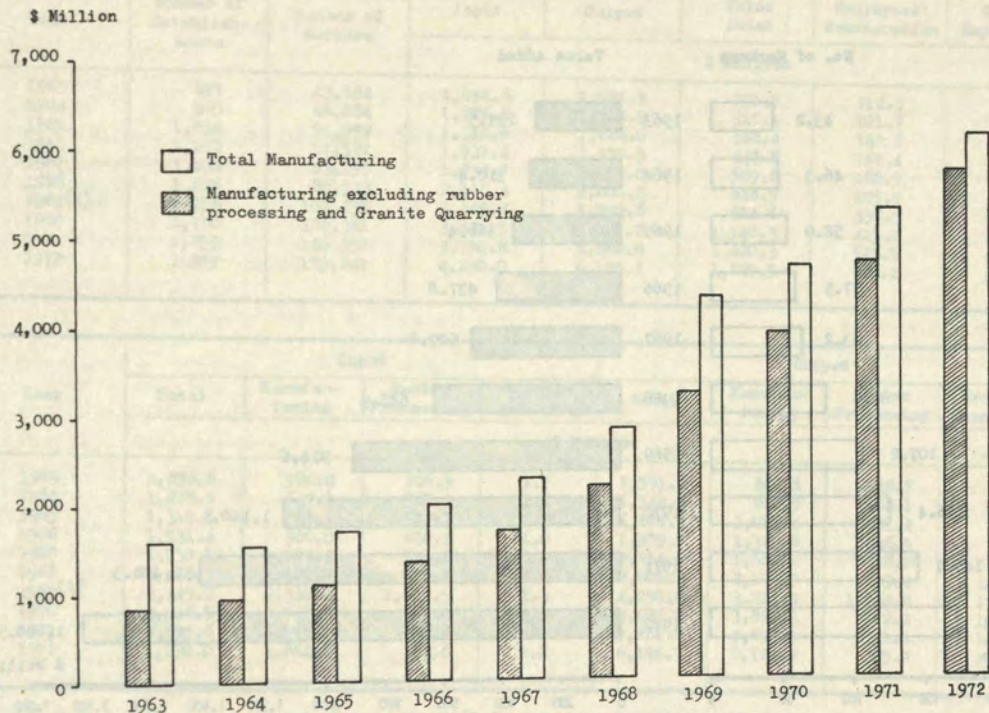
Quarterly Index of Production

The Quarterly Index of Production of manufacturing establishments was compiled based on the weighting pattern derived from the 1970 Census of Industrial Production. Production data for the four quarters of 1970 were collected and the average used as a comparison base for the series. The formula used for the compilation of the index is the Laspeyres formula.

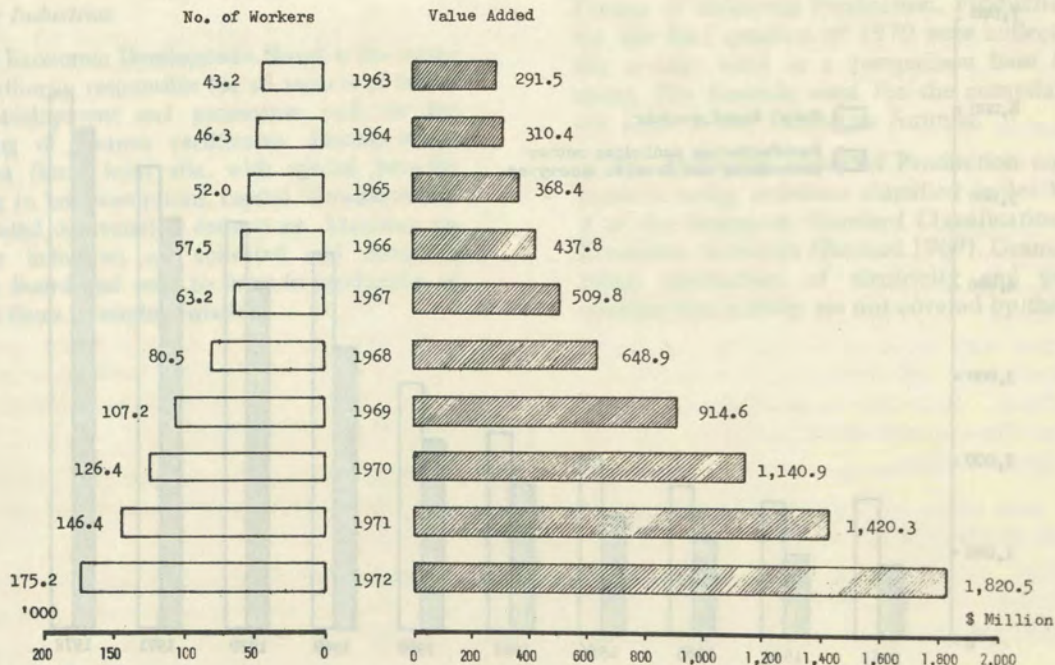
The Quarterly Index of Production covers all manufacturing activities classified under Division 3 of the Singapore Standard Classification of All Economic Activities (Revised 1969). Granite quarrying, production of electricity and gas, and construction activity are not covered by the index.

INDUSTRIAL PRODUCTION

Output of Manufacturing Industries



INDUSTRIAL PRODUCTION



5.1 PRINCIPAL STATISTICS OF INDUSTRIAL PRODUCTION
(Establishments engaging 10 or more Workers)

Year	Number of Establishments	Number of Workers	Input	Output	Value Added	Employees' Remuneration	Capital Expenditure
			\$ Million				
1963	897	43,184	1,294.6	1,591.9	291.5	112.3	18.7
1964	965	46,284	1,226.6	1,544.9	310.4	121.7	53.6
1965	1,036	51,959	1,310.6	1,686.0	368.4	142.2	60.0
1966	1,159	57,521	1,531.4	1,979.9	437.8	162.4	76.1
1967	1,236	63,195	1,732.7	2,254.0	509.8	182.9	86.1
1968	1,626	80,533	2,138.3	2,806.2	648.9	225.9	95.5
1969(1)	1,758	107,235	3,349.2	4,290.8	914.6	337.5	218.6
1970	1,790	126,361	3,436.5	4,627.2	1,140.9	415.2	425.3
1971	1,855	146,352	3,790.8	5,288.8	1,420.3	521.5	466.1
1972	1,971	175,241	4,230.0	6,126.7	1,820.5	666.2	652.0

Year	Input				Output			
	Total	Manufacturing	Rubber Processing	Granite Quarrying	Total	Manufacturing	Rubber Processing	Granite Quarrying
	\$ Million							
1963	1,294.6	586.0	706.9	1.7	1,591.9	843.8	740.7	7.5
1964	1,226.6	637.7	587.2	1.7	1,544.9	927.9	608.1	8.9
1965	1,310.6	731.1	577.7	1.9	1,686.0	1,086.4	591.4	8.2
1966	1,531.4	900.0	630.4	1.0	1,979.9	1,325.8	646.5	7.6
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

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

5.2 PRINCIPAL STATISTICS OF INDUSTRIAL PRODUCTION BY INDUSTRIAL ACTIVITY, 1972
(Establishments engaging 10 or more workers)

Industrial Activity	Number of Establishments	Number of Workers	Input	Output	Value Added	Employees' Remuneration	Capital Expenditure
Total Manufacturing ..	1,931	170,352	3,864.2	5,722.2	1,782.3	648.7	648.0
Rubber Processing ..	23	3,698	363.6	385.9	22.3	11.0	1.1
Total Manufacturing including Rubber Processing	1,954	174,050	4,227.8	6,108.1	1,804.5	659.6	649.1
Granite Quarrying ..	17	1,191	2.2	18.6	16.0	6.5	3.0
Total Manufacturing including Quarrying ..	1,971	175,241	4,230.0	6,126.7	1,820.5	666.2	652.1

5.3 PRINCIPAL STATISTICS OF INDUSTRIAL PRODUCTION BY INDUSTRY MAJOR GROUP, 1972
(Establishments engaging 10 or more workers)

Million Dollars

Industrial Code	Industry Major Group	Input	Output	Value Added	Employees' Remuneration
311 & 312	Food manufacturing	446.2	552.0	103.4	33.4
313	Beverage industries	40.3	73.3	33.0	12.5
314	Manufacture of cigarettes and other tobacco products	76.8	102.7	25.8	5.1
321	Manufacture of textiles	125.6	192.9	64.9	31.2
322	Manufacture of wearing apparel, except footwear ..	143.8	206.7	59.5	33.8
323	Manufacture of leather and products of leather and leather substitutes, except footwear and wearing apparel	13.0	16.7	3.5	1.6
324	Manufacture of footwear	15.1	25.9	10.3	5.3
331	Sawmills and manufacture of wood and cork products, except furniture	181.0	261.0	78.1	38.9
332	Manufacture of furniture and fixtures, except primarily of metal	15.2	29.0	12.0	7.6
341	Manufacture of paper and paper products	38.7	60.6	21.1	6.7
342	Printing, publishing and allied industries	55.9	143.2	83.4	31.5
351	Manufacture of industrial chemicals	34.2	64.8	30.7	8.1
352	Manufacture of other chemical products	55.1	100.4	44.0	12.6
353 & 354	Petroleum refineries and manufacture of products of petroleum and coal	1,399.2	1,680.2	280.6	44.6
355	Processing of natural gums, excluding rubber processing	11.7	13.1	1.4	0.8
356	Manufacture of rubber products, except rubber footwear	21.2	43.2	22.0	7.5
357	Manufacture of other plastic products	39.9	68.3	28.1	10.2
361	Manufacture of pottery, china and earthenware	0.7	1.5	0.9	0.4
362	Manufacture of glass and glass products	7.2	14.4	7.2	5.0

5.3 PRINCIPAL STATISTICS OF INDUSTRIAL PRODUCTION BY INDUSTRY MAJOR GROUP, 1972 (continued)

(Establishments engaging 10 or more workers)

Million Dollars

Industrial Code	Industry Major Group	Input	Output	Value Added	Employees' Remuneration
363	Manufacture of bricks, tiles and other structural clay products	3.5	13.2	9.7	3.8
364	Manufacture of cement, including cement additives ..	45.6	58.8	13.2	2.3
365	Manufacture of structural cement and concrete products	9.6	14.4	4.8	2.2
369	Manufacture of non-metallic mineral products, n.e.c.	16.9	30.9	14.1	6.7
371	Iron and steel basic industries	46.2	73.3	27.0	6.9
372	Non-ferrous metal basic industries	16.0	21.1	5.1	2.1
381	Manufacture of fabricated metal products, except machinery and equipment	153.2	245.4	87.6	37.6
382	Manufacture of machinery, except electrical ..	76.7	128.1	48.2	21.8
383	Manufacture of electrical machinery, apparatus, appliances and supplies	401.1	740.8	338.3	99.3
384	Manufacture of transport equipment	240.2	553.5	269.7	140.2
385	Manufacture of professional and scientific measuring and controlling equipment and manufacture of photographic and optical goods	46.6	69.2	22.6	12.8
390	Other manufacturing industries	88.1	123.6	32.0	16.1
	Total manufacturing excluding rubber processing ..	3,864.2	5,722.2	1,782.3	648.7
	Rubber processing	363.6	385.9	22.3	11.0
	Total manufacturing including rubber processing ..	4,227.8	6,108.1	1,804.5	659.6
	Granite quarrying	2.2	18.6	16.0	6.5
	Total manufacturing and quarrying	4,230.0	6,126.7	1,820.5	666.2

5.4 WORKERS ENGAGED BY OCCUPATIONAL STATUS, JUNE 1972
(Establishments engaging 10 or more workers)

Industrial Code	Industry Major Group	All Workers	Employees			Working Proprietors and Unpaid Family Workers
			Total	Workmen	Other Workers	
311 & 312	Food manufacturing	9,898	9,514	7,478	2,036	384
313	Beverage industries	2,549	2,546	1,982	564	3
314	Manufacture of cigarettes and other tobacco products	1,105	1,098	836	262	7
321	Manufacture of textiles	12,415	12,390	10,898	1,492	25
322	Manufacture of wearing apparel, except footwear ..	18,124	17,824	16,433	1,391	300
323	Manufacture of leather and products of leather and leather substitutes, except footwear and wearing apparel	761	704	637	67	57
324	Manufacture of footwear	2,389	2,319	2,087	232	70
331	Sawmills and manufacture of wood and cork products, except furniture	12,247	12,046	10,291	1,755	201
332	Manufacture of furniture and fixtures, except primarily of metal	2,091	2,032	1,748	284	59
341	Manufacture of paper and paper products	3,061	2,964	2,629	335	97
342	Printing, publishing and allied industries	7,587	7,340	5,895	1,444	247
351	Manufacture of industrial chemicals	1,206	1,206	780	426	-
352	Manufacture of other chemical products	2,986	2,952	1,981	971	34
353 & 354	Petroleum refineries and manufacture of products of petroleum and coal	2,659	2,659	1,101	1,558	-
355	Processing of natural gums, excluding rubber processing	246	242	153	89	4
356	Manufacture of rubber products, except rubber footwear	1,697	1,670	1,320	350	27
357	Manufacture of other plastic products	3,951	3,889	3,287	602	72
361	Manufacture of pottery, china and earthenware ..	156	151	135	16	5
362	Manufacture of glass and glass products	864	856	609	247	8

5.4 WORKERS ENGAGED BY OCCUPATIONAL STATUS, JUNE 1972 (continued)
(Establishments engaging 10 or more workers)

Industrial Code	Industry Major Group	All Workers	Employees			Number Working Proprietors and Unpaid Family Workers
			Total	Workmen	Other Workers	
363	Manufacture of bricks, tiles and other structural clay products	1,050	1,050	919	131	-
364	Manufacture of cement, including cement additives ..	453	453	330	123	-
365	Manufacture of structural cement and concrete products	560	544	457	87	16
369	Manufacture of non-metallic mineral products, n.e.c.	1,281	1,276	993	283	5
371	Iron and steel basic industries	1,306	1,286	977	309	20
372	Non-ferrous metal basic industries	389	389	293	96	-
381	Manufacture of fabricated metal products, except machinery and equipment	9,702	9,533	7,792	1,741	169
382	Manufacture of machinery, except electrical	5,348	5,249	4,327	922	99
383	Manufacture of electrical machinery, apparatus, appliances and supplies	31,483	31,468	26,761	4,699	23
384	Manufacture of transport equipment	22,546	22,472	18,592	3,880	74
385	Manufacture of professional and scientific measuring and controlling equipment and manufacture of photographic and optical goods	3,179	3,171	2,066	1,105	8
390	Other manufacturing industries	7,063	6,958	6,200	758	105
	Total manufacturing excluding rubber processing ..	170,352	168,243	139,988	28,255	2,109
	Rubber processing	3,698	3,693	3,233	460	5
	Total manufacturing including rubber processing ..	174,050	171,936	143,221	28,715	2,114
	Granite quarrying	1,191	1,189	1,023	166	2
	Total manufacturing and quarrying	175,241	173,125	144,244	28,881	2,116

5.5 DISTRIBUTION OF ESTABLISHMENTS BY SIZE OF WORKERS, 1972
(Establishments engaging 10 or more workers)

Industrial Code	Industry Major Group	Total	Establishments Employing			
			10 - 29 Workers	30 - 49 Workers	50 - 99 Workers	100 Workers and Over
311 & 312	Food manufacturing	229	155	24	25	25
313	Beverage industries	20	8	2	4	6
314	Manufacture of cigarettes and other tobacco products	8	2	-	4	2
321	Manufacture of textiles	60	16	7	7	30
322	Manufacture of wearing apparel, except footwear ..	188	111	26	18	33
323	Manufacture of leather and products of leather and leather substitutes, except footwear and wearing apparel	24	16	3	4	1
324	Manufacture of footwear	46	30	3	7	6
331	Sawmills and manufacture of wood and cork products, except furniture	164	76	48	24	16
332	Manufacture of furniture and fixtures, except primarily of metal	49	31	10	3	5
341	Manufacture of paper and paper products	67	34	8	19	6
342	Printing, publishing and allied industries	178	130	24	16	8
351	Manufacture of industrial chemicals	18	7	5	2	4
352	Manufacture of other chemical products	77	47	12	14	4
353 & 354	Petroleum refineries and manufacture of products of petroleum and coal	9	1	2	-	6
355	Processing of natural gums, excluding rubber processing	6	-	6	-	-
356	Manufacture of rubber products, except rubber footwear	29	19	3	3	4
357	Manufacture of other plastic products	86	43	20	15	8
361	Manufacture of pottery, china and earthenware	5	3	1	1	-
362	Manufacture of glass and glass products	7	6	-	-	1

5.5 DISTRIBUTION OF ESTABLISHMENTS BY SIZE OF WORKERS, 1972 (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
363	Manufacture of bricks, tiles and other structural clay products	11	-	2	7	2
364	Manufacture of cement, including cement additives ..	4	1	-	1	2
365	Manufacture of structural cement and concrete products	17	7	8	2	-
369	Manufacture of non-metallic mineral products, n.e.c.	19	9	4	5	1
371	Iron and steel basic industries	13	7	2	2	2
372	Non-ferrous metal basic industries	4	-	2	-	2
381	Manufacture of fabricated metal products, except machinery and equipment	172	91	31	28	22
382	Manufacture of machinery, except electrical	107	71	18	12	6
383	Manufacture of electrical machinery, apparatus, appliances and supplies	94	26	7	10	51
384	Manufacture of transport equipment	98	36	15	19	28
385	Manufacture of professional and scientific measuring and controlling equipment and manufacture of photographic and optical goods	19	5	5	3	6
390	Other manufacturing industries	103	54	25	12	12
	Total manufacturing excluding rubber processing ..	1,931	1,042	323	267	299
	Rubber processing	23	1	2	9	11
	Total manufacturing including rubber processing ..	1,954	1,043	325	276	310
	Granite quarrying	17	2	3	10	2
	Total manufacturing and quarrying	1,971	1,045	328	286	312

5.6 DISTRIBUTION OF ESTABLISHMENTS BY VALUE OF OUTPUT, 1972
(Establishments engaging 10 or more workers)

Industrial Code	Industry Major Group	Total	Establishments with Output of (\$ Thousand)				Number
			Less than \$250	\$250-499	\$500-999	\$1,000 and over	
311 & 312	Food manufacturing	229	92	44	20	73	
313	Beverage industries	20	5	4	1	10	
314	Manufacture of cigarettes and other tobacco products	8	2	1	2	3	
321	Manufacture of textiles	60	15	3	6	36	
322	Manufacture of wearing apparel, except footwear ..	188	101	32	24	31	
323	Manufacture of leather and products of leather and leather substitutes, except footwear and wearing apparel	24	13	3	3	5	
324	Manufacture of footwear	46	25	5	9	7	
331	Sawmills and manufacture of wood and cork products, except furniture	164	27	33	44	60	
332	Manufacture of furniture and fixtures, except primarily of metal	49	20	19	2	8	
341	Manufacture of paper and paper products	67	23	19	13	12	
342	Printing, publishing and allied industries	178	96	39	24	19	
351	Manufacture of industrial chemicals	18	2	1	4	11	
352	Manufacture of other chemical products	77	16	21	14	26	
353 & 354	Petroleum refineries and manufacture of products of petroleum and coal	9	-	-	-	9	
355	Processing of natural gums, excluding rubber processing	6	-	1	1	4	
356	Manufacture of rubber products, except rubber footwear	29	8	9	6	6	
357	Manufacture of other plastic products	86	32	11	26	17	
361	Manufacture of pottery, china and earthenware	5	3	-	2	-	
362	Manufacture of glass and glass products	7	2	1	3	1	

5.6 DISTRIBUTION OF ESTABLISHMENTS BY VALUE OF OUTPUT, 1972 (continued)
(Establishments engaging 10 or more workers)

						Number
Industrial Code	Industry Major Group	Total	Establishments with Output of (\$ Thousand)			
			Less than \$250	\$250-499	\$500-999	\$1,000 and over
363	Manufacture of bricks, tiles and other structural clay products	11	1	2	3	5
364	Manufacture of cement, including cement additives ..	4	-	-	1	3
365	Manufacture of structural cement and concrete products	17	7	2	4	4
369	Manufacture of non-metallic mineral products, n.e.c.	19	7	7	-	5
371	Iron and steel basic industries	13	4	3	2	4
372	Non-ferrous metal basic industries	4	-	1	1	2
381	Manufacture of fabricated metal products, except machinery and equipment	172	50	33	34	55
382	Manufacture of machinery, except electrical ..	107	48	24	18	17
383	Manufacture of electrical machinery, apparatus, appliances and supplies	94	15	9	14	56
384	Manufacture of transport equipment	98	17	17	23	41
385	Manufacture of professional and scientific measuring and controlling equipment and manufacture of photographic and optical goods	19	3	5	4	7
390	Other manufacturing industries	103	34	20	19	30
	Total manufacturing excluding rubber processing ..	1,931	668	369	327	567
	Rubber processing	23	-	2	-	21
	Total manufacturing including rubber processing ..	1,954	668	371	327	588
	Granite quarrying	17	2	4	5	6
	Total manufacturing and quarrying	1,971	670	375	332	594

5.7 OUTPUT OF SELECTED MANUFACTURED PRODUCTS: QUANTITY
(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 Pcs.
1963	6,910	14,120	2,385	7,338	1,089	1,633	10,465	22,322	18,511	154,447	331	81,992	59,538
1964	7,422	15,284	1,810	6,925	1,512	1,573	8,590	18,692	26,858	131,077	370	83,261	59,335
1965	7,658	15,543	2,571	5,712	1,210	1,331	8,348	21,596	18,511	130,061	419	92,098	77,398
1966	8,009	17,507	2,729	10,919	1,089	1,754	7,441	31,577	24,620	140,222	523	100,082	65,381
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

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

Thousand Dollars

Commodities	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972
Biscuits	6,722	6,271	6,623	6,603	8,531	9,184	9,549	10,662	12,425	12,736
Bread	6,204	6,841	6,992	7,855	8,021	8,542	8,257	7,956	8,111	8,847
Cakes	2,404	2,317	2,289	2,949	3,304	3,911	3,896	4,601	4,689	4,494
Bee Hoon (Vermicelli) ..	560	711	636	588	744	768	943	1,234	2,351	3,550
Mee (Noodles)	849	784	683	791	1,098	1,187	1,177	1,240	2,074	3,002
Soya Bean Sauce	2,704	2,667	3,044	2,686	2,999	3,796	3,795	3,855	4,069	4,187
Ice	2,609	2,286	2,248	2,373	2,574	2,531	2,495	2,808	2,828	2,992
Carbonated Drinks	13,328	12,382	13,608	14,437	15,848	19,081	20,934	24,224	27,022	28,909
Cigarettes	57,847	68,119	76,735	80,560	90,389	85,491	88,382	95,072	91,472	100,455
Sawn Timber	31,527	37,151	40,346	52,864	54,945	75,257	88,909	97,235	76,282	101,912
Processed Rattan	8,010	8,154	7,107	6,215	7,216	7,820	8,560	9,894	10,549	11,516
Paper Boxes	2,855	3,160	3,884	4,048	4,717	5,692	6,736	8,242	8,655	10,567
Newspapers	10,181	10,580	11,164	12,168	12,228	10,323	10,489	12,179	17,233	17,031
Coconut Oil (Crude)	16,538	15,389	19,935	23,218	23,636	37,935	25,729	31,019	27,747	18,206
Cooking Oil and Coconut Oil (Refined)	16,708	19,923	20,531	22,026	27,114	30,283	27,247	36,878	36,308	30,908
Soap	3,456	3,768	3,366	7,336	9,586	9,142	10,909	15,037	16,779	18,470
Bricks	4,883	5,418	6,505	5,588	4,832	5,807	6,458	6,564	7,750	8,582
Tin Cans	17,876	21,294	26,475	25,758	31,634	28,315	32,848	40,481	42,393	41,021
Wiremesh and Wire Fencing ..	5,901	6,442	6,519	8,329	6,371	10,749	9,374	9,388	9,485	11,246

5.9 QUARTERLY INDEX OF PRODUCTION OF MANUFACTURING ESTABLISHMENTS
(Base Year 1970 = 100)

Industrial Code	Industry Major Group					Weights	1 9 7 2				1 9 7 3			
							1st Qr	2nd Qr	3rd Qr	4th Qr	1st Qr	2nd Qr	3rd Qr	4th Qr
311) 312)	Food manufacturing	..	..	..	..	69.9	93.5	106.5	92.6	109.8	107.4	106.1	95.1	98.2
313	Beverage industries	..	..	..	..	31.9	85.7	95.2	110.1	111.1	104.7	96.9	99.7	104.0
314	Manufacture of cigarettes and other tobacco products	..	..	..	..	22.6	90.9	103.4	102.5	113.0	110.9	120.6	124.0	139.3
321	Manufacture of textiles	..	..	..	..	21.5	125.6	141.6	146.1	154.4	159.0	156.6	155.0	164.7
322	Manufacture of wearing apparel, except footwear	..	..	..	..	21.8	148.9	164.1	162.8	188.3	149.3	174.6	189.9	193.3
323	Manufacture of leather and products of leather and leather substitutes, except footwear and wearing apparel	..	..	..	..	2.3	78.6	79.5	94.9	132.5	129.2	136.7	71.9	117.7
324	Manufacture of footwear	..	..	..	..	5.8	104.4	137.2	105.6	101.2	81.4	87.6	86.4	86.2
331	Sawmills and manufacture of wood and cork products, except furniture	..	..	..	..	55.3	115.7	128.4	140.1	136.2	116.8	128.2	133.8	131.6
332	Manufacture of furniture and fixtures, except primarily of metal	..	..	..	..	9.8	108.0	81.7	78.8	99.1	81.4	124.0	130.0	154.6
341	Manufacture of paper and paper products	..	..	..	..	11.4	116.9	126.2	124.2	120.5	133.1	145.9	154.6	149.9
342	Printing, publishing and allied industries	..	..	..	..	46.7	108.1	107.8	114.4	98.7	106.4	114.4	107.9	112.0
351	Manufacture of industrial chemicals	..	..	..	..	14.6	105.7	112.8	112.3	126.1	121.3	148.0	154.2	153.4
352	Manufacture of other chemical products	..	..	..	..	30.6	96.7	108.8	107.9	109.5	119.3	129.0	118.2	127.0
353) 354)	Petroleum refineries and manufacture of products of petroleum and coal	..	..	..	..	192.3	125.9	125.7	142.1	145.3	124.2	145.6	133.5	137.7
355	Processing of natural gums, excluding rubber processing	..	..	..	..	1.5	95.7	95.4	83.7	91.0	88.9	84.7	82.8	66.7

5.9. QUARTERLY INDEX OF PRODUCTION OF MANUFACTURING ESTABLISHMENTS (continued)

(Base Year 1970 = 100)

Industrial Code	Industry Major Group	Weights	1 9 7 2				1 9 7 3			
			1st Qr	2nd Qr	3rd Qr	4th Qr	1st Qr	2nd Qr	3rd Qr	4th Qr
356	Manufacture of rubber products, except rubber footwear	17.3	104.4	101.9	95.8	105.8	103.9	108.0	103.0	110.5
357	Manufacture of other plastic products	10.6	110.0	131.4	150.2	199.5	188.1	223.4	261.0	236.7
361	Manufacture of pottery, china and earthenware	2.1	29.6	36.1	24.5	25.4	30.9	37.7	32.9	40.3
362	Manufacture of glass and glass products ..	7.0	74.5	67.8	73.6	72.4	79.2	78.1	79.7	63.2
363	Manufacture of bricks, tiles and other structural clay products	5.5	120.8	152.7	169.7	139.5	155.8	163.6	167.8	154.6
364	Manufacture of cement, including cement additives	6.9	141.9	142.9	137.2	138.9	146.8	140.2	142.5	127.4
365	Manufacture of structural cement and concrete products	3.2	125.4	130.1	131.4	137.5	129.7	154.0	183.0	184.5
369	Manufacture of non-metallic mineral products n.e.c.	5.8	76.4	97.8	96.5	95.7	75.6	104.9	106.7	112.8
371	Iron and steel basic industries	15.6	118.1	126.8	131.3	124.9	124.0	129.5	123.9	113.1
372	Non-ferrous metal basic industries	4.6	41.0	37.3	46.6	61.2	53.1	76.9	79.1	63.2
381	Manufacture of fabricated metal products, except machinery and equipment	65.7	94.5	107.0	119.8	115.6	101.9	114.8	106.8	107.2
382	Manufacture of machinery, except electrical ..	25.8	138.2	213.7	167.8	209.0	183.6	195.7	202.6	199.8
383	Manufacture of electrical machinery apparatus, appliances and supplies	116.5	137.7	185.5	240.2	237.8	264.5	298.6	298.1	285.5
384	Manufacture of transport equipment	145.7	115.8	149.8	141.3	150.3	160.1	158.7	162.6	179.9
	Other manufacturing industries	29.7	119.6	123.0	136.2	180.1	135.8	141.9	147.1	153.9
	TOTAL MANUFACTURING EXCLUDING RUBBER PROCESSING	1,000.0	115.1	132.4	141.3	147.2	142.9	155.7	153.5	156.5

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

5.10 PRINCIPAL STATISTICS OF PIONEER ESTABLISHMENTS
IN PRODUCTION AND UNDER IMPLEMENTATION
(At end period)

Year	Number of Estab- lishments	Number Employed	Output	Issued Capital	Capital Outlay
			\$ Thousand		
1964	113	5,446	220,415	156,273	166,822
1965	144	10,495	318,218	166,094	254,843
1966	137	11,102	490,301	291,099	326,756
1967	234 ⁽¹⁾	16,326	648,533	237,135	393,703
1968	255 ⁽¹⁾	22,953	1,015,333	370,502	477,760
1969	281 ⁽¹⁾	36,759	1,199,824	634,428	719,907
1970	297 ⁽¹⁾	51,243	1,748,888	739,667	1,248,807
1971	315 ⁽¹⁾	66,573	2,402,743	907,586 ⁽²⁾	1,729,950
1972	330 ⁽¹⁾	87,172	3,379,678	1,044,813 ⁽²⁾	2,439,357

(1) Include those approved in principle for pioneer status.

(2) Paid-up capital.

Source: Economic Development Board

5.11 PRINCIPAL STATISTICS OF PIONEER ESTABLISHMENTS IN PRODUCTION
AND UNDER IMPLEMENTATION BY INDUSTRY GROUP, 1972

(At end period)

Industry Group	Number of Estab- lish- ments	Number Employed	Output	Value Added	Gross Fixed Assets	Paid-Up Capital
Total	330	87,172	3,379,678	901,261	2,439,357	1,044,813
Food and beverages	23	2,629	217,950	35,779	88,776	70,182
Textiles and garments	44	18,371	237,587	83,965	191,098	119,603
Wood and cork products	10	5,994	115,046	38,699	117,048	60,189
Paper and paper products	5	390	15,999	6,024	19,424	14,821
Leather and rubber products	6	909	30,292	14,822	32,093	16,670
Basic industrial chemicals	16	753	63,644	24,458	52,232	31,025
Other chemical products except plastic	27	2,165	80,409	18,689	69,027	68,141
Petroleum and petroleum products	11	2,367	1,608,188	281,433	1,197,524	267,140
Non-Metallic mineral products	15	1,051	43,908	9,482	41,804	27,115
Basic metal industries	11	1,682	87,092	34,578	73,276	39,178
Metal products and mechanical engineering	47	4,654	73,159	21,426	113,510	98,562
Electrical and electronic products	52	33,133	602,055	247,338	191,447	106,292
Transport equipment	6	2,769	75,819	39,937	100,079	34,031
Plastic products	25	2,448	36,203	13,116	34,388	28,370
Miscellaneous	32	7,857	92,327	31,515	117,631	63,494

Source: Economic Development Board.

6. 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 at the main power stations at Jurong, Pasir Panjang 'A' and Pasir Panjang 'B'. The power station at St. James is now largely used as a standby station to cater for emergencies and peak periods. Two new 22.5 megawatts gas turbines were installed by early 1973 at Senoko Station for similar purposes.

The installed capacity of the Jurong Power Station was 360 megawatts at the end of 1973 following the synchronisation of the first 120 MW unit of the Stage II extension in October 1973. It is expected to reach its ultimate capacity of 600 MW by June 1974. The total system generating capacity was 869 MW at the end of 1973.

A network of 24,300 kilometres of cables and over 1,500 sub-stations with a total installed

transformer capacity of 3,701,906 kilovoltamperes formed the transmission and distribution system whereby electricity was supplied in 1973 to 348,784 consumers in the Republic. To provide for the increasing demand for power, work commenced in October 1973 on the installation of 230kV oil-filled cables as the first stage in the construction of a new 230kV underground transmission network. By the end of the year, approximately 38 kilometres of 230kV cables were laid. It is expected to commission this new network in 1975.

Gas

Gas is produced by eight catalytic reformers at the Kallang Gasworks, which has an installed capacity of 0.49 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 are altogether 925 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

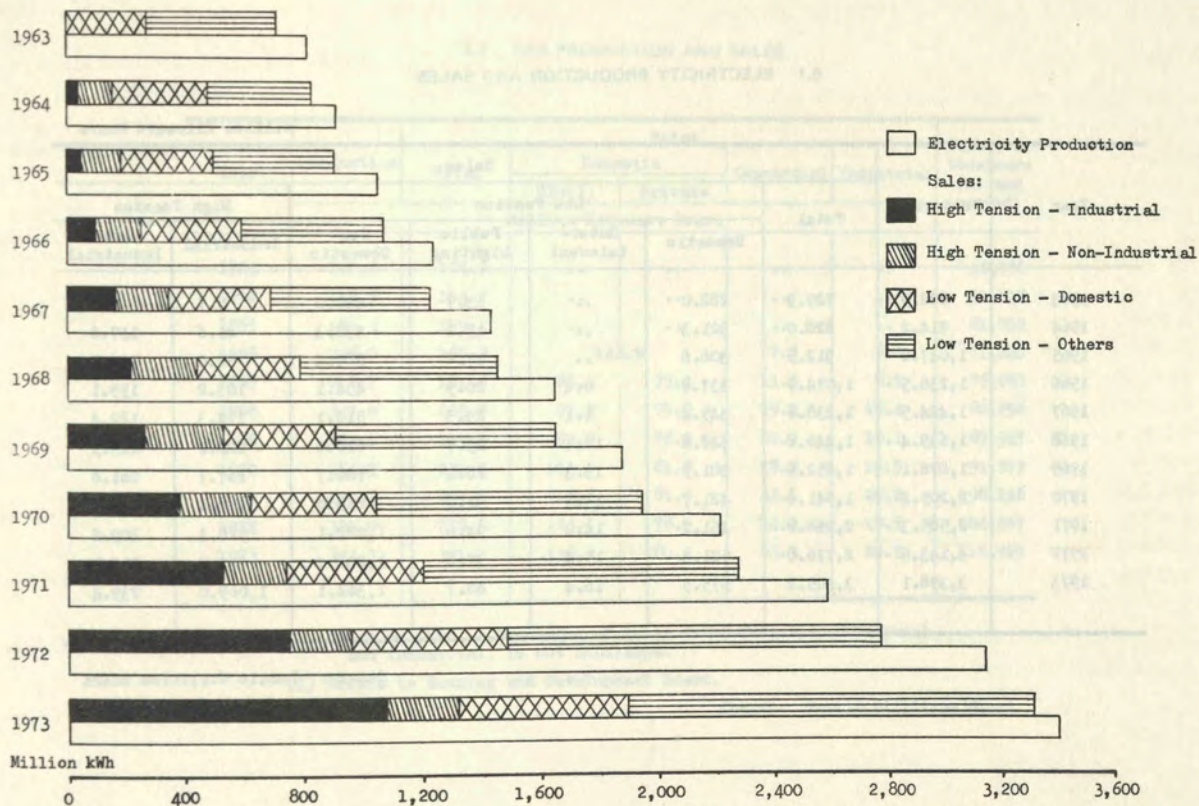
gas by private companies for domestic use but data on this is not included in the table.

Water

The supply of fresh water is drawn mainly from Terbau, Scudai and Johore Rivers in Johore. There

are, in addition, four impounding reservoirs in Johore and three in Singapore with a total storage capacity of about 48,132 thousand cubic metres. The water is purified, treated and distributed to various types of consumers from five service reservoirs situated on the island.

ELECTRICITY PRODUCTION AND SALES



6.1 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
1963	822.9	729.9	282.0	..	13.7	425.0	5.7	3.5
1964	914.2	828.0	321.3	..	15.2	332.3	41.6	117.6
1965	1,047.6	912.5	306.6	..	17.8	389.4	52.0	146.7
1966	1,236.5	1,074.9	337.2	0.4	20.9	454.1	103.2	159.1
1967	1,424.5	1,238.6	345.4	1.1	23.3	512.1	174.3	182.4
1968	1,639.4	1,446.8	348.6	12.7	25.7	620.6	220.1	219.1
1969	1,876.1	1,652.9	381.5	13.3	28.1	700.7	267.7	261.6
1970	2,205.2	1,941.6	421.7	13.8	31.0	853.8	378.4	242.9
1971	2,585.3	2,268.8	461.2	14.0	34.0	1,022.1	528.3	209.2
1972	3,143.6	2,776.8	521.4	15.4	37.6	1,236.4	749.5	216.5
1973	3,398.1	3,305.2	575.5	16.4	40.7	1,364.1	1,069.0	239.4

Source: Public Utilities Board

6.2 GAS PRODUCTION AND SALES

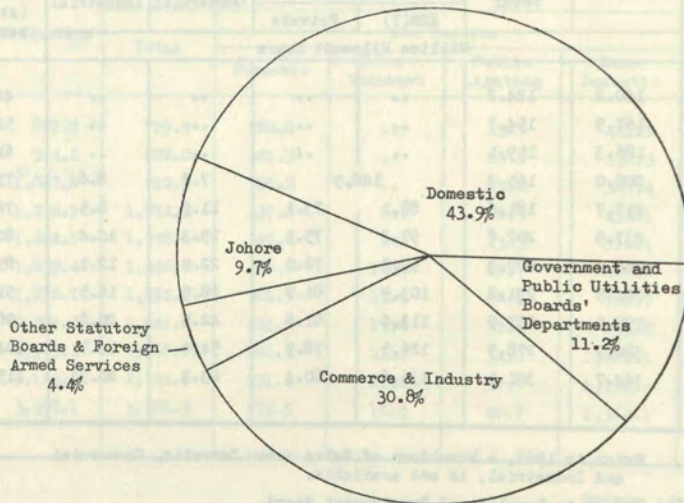
Year	Production	Sales					Number of Consumers (At end period)
		Total	Domestic		Commercial	Industrial	
			HDB(1)	Private			
			Million Kilowatt Hours				
1963	140.2	124.2	..	..	..	..	42,782
1964	167.9	154.7	..	..	..	..	51,117
1965	186.3	159.1	..	..	..	..	61,052
1966	206.0	165.2	148.9		7.7	8.6	71,240
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

Notes: Prior to 1966, a breakdown of Sales under Domestic, Commercial and Industrial, is not available.

(1) Refers to Housing and Development Board.

Source: Public Utilities Board

WATER CONSUMPTION, 1973



6.3 WATER CONSUMPTION

Year	Total	Shipping	Domestic	Trade ⁽¹⁾	Singapore Government	Thousand Cubic Metres		
						Public Utilities Boards' Departments	Other Statutory Boards and Foreign Armed Services	Johore
1963	93,670.5	1,933.8	38,774.3	18,203.1	11,531.4	8,109.7	8,243.3	6,874.9
1964	113,517.1	1,695.8	47,910.1	20,929.8	24,852.0	828.7	10,518.4	6,782.3
1965	123,897.8	1,550.2	51,905.5	22,251.8	25,884.8	1,217.8	11,880.0	9,207.7
1966	136,026.6	1,746.3	55,920.9	24,235.2	27,687.4	1,834.3	15,208.6	9,393.9
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	2,682.3	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

(1) Including processed and unprocessed water supplied to commercial and manufacturing industries.

Source: Public Utilities Board

7. 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 undertake 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.

Housing and Development Board

The Housing and Development Board is responsible for implementing the low-cost housing

programme of the Government and for the management of public housing estates. The Board has sub-offices in the major estates to look after the allocation, letting, transfers, sales and maintenance of housing units.

Housing units managed by HDB are classified according to the number of rooms within the unit. For this purpose, a living room or dining room space is also treated as a room in addition to the normal bedrooms. All units have in addition, kitchen space and bathroom/toilet facilities.

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

Hawkers' pitches refer to spaces allotted to hawkers and stall-holders in specified areas, around markets and in 'pasar malam' (i.e. night markets) which are held regularly in different parts of the island.

7.1 BUILDINGS COMMENCED AND COMPLETED

	1969		1970		1971		1972		Jan-Jun 1973	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
Number of Units:										
Total -										
Residential	11,658	16,190	19,277	14,650	31,666	19,605	32,213	24,580	15,293	6,091
Non-Residential	1,006	975	955	1,237	1,112	1,231	997	937	261	154
Public -										
Residential	10,298	13,379	16,969	12,939	28,707	17,975	28,286	22,938	13,527	4,776
Non-Residential	790	799	647	997	885	994	766	697	192	59
Private -										
Residential	1,360	2,811	2,308	1,711	2,959	1,630	3,927	1,642	1,766	1,315
Non-Residential	216	176	308	240	227	237	231	240	69	95
Floor Area ('000 sq. ft.):										
Total -										
Residential	8,659	12,504	14,586	10,334	29,891	14,132	32,355	20,552	15,736	6,394
Non-Residential	13,000	4,800	11,687	9,169	18,985	9,494	9,580	12,018	2,460	4,586
Public -										
Residential	5,746	6,898	9,313	6,906	22,207	10,499	22,656	16,701	11,179	3,373
Non-Residential	4,872	2,436	1,786	4,276	4,322	2,661	3,445	2,653	1,300	1,010
Private -										
Residential	2,913	5,606	5,273	3,428	7,684	3,633	9,699	3,851	4,557	3,021
Non-Residential	8,128	2,364	9,901	4,893	14,663	6,833	6,135	9,365	1,160	3,576

7.2 RESIDENTIAL BUILDINGS COMMENCED AND COMPLETED

Private Sector

	1969		1970		1971		1972		Jan-Jun 1973	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
Number of Units:	1,360	2,811	2,308	1,711	2,959	1,630	3,927	1,642	1,766	1,315
Bungalows	151	158	189	192	357	205	285	279	212	123
Semi-detached	260	899	488	295	550	280	955	428	454	277
Terrace	491	1,120	526	749	452	517	1,443	337	695	501
Flats	429	633	1,104	465	1,596	608	1,231	597	404	411
Shophouses	27	-	-	9	-	18	13	-	-	1
Others	2	1	1	1	4	2	-	1	1	2
Floor Area ('000 sq. ft.):	2,913	5,606	5,273	3,428	7,684	3,633	9,699	3,851	4,557	3,021
Bungalows	596	544	681	726	1,299	707	1,136	987	788	454
Semi-detached	689	2,037	1,189	671	1,464	719	2,531	1,107	1,226	738
Terrace	904	2,091	1,067	1,305	937	999	2,954	735	1,522	1,032
Flats	641	931	2,327	690	3,935	1,144	3,036	1,015	1,020	757
Shophouses	64	-	-	27	-	38	42	-	-	8
Others	19	3	9	9	49	26	-	7	1	32

7.3 NON-RESIDENTIAL BUILDINGS COMMENCED AND COMPLETED

Private Sector

	1969		1970		1971		1972		Jan-Jun 1973	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
Number of Units:	216	176	308	240	227	237	231	240	69	95
Commercial	127	111	150	158	128	157	127	64	31	56
Industrial	69	48	141	65	81	65	78	159	28	30
Educational	5	5	2	5	6	1	6	5	1	1
Others	15	12	15	12	12	14	20	12	9	8
Floor Area ('000 sq. ft.):	8,128	2,364	9,901	4,893	14,663	6,833	6,135	9,365	1,160	3,576
Commercial	5,535	612	6,194	2,400	10,256	3,659	2,587	4,664	235	1,968
Industrial	2,227	1,385	3,423	2,154	3,819	2,906	2,800	4,314	782	1,498
Educational	185	233	66	172	322	2	418	160	12	13
Others	181	134	218	167	266	266	330	227	131	97

7.4 BUILDINGS COMMENCED AND COMPLETED

Public Sector

	1969		1970		1971		1972		Jan-Jun 1973	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
Number of Units:										
Residential	10,298	13,379	16,969	12,939	28,707	17,975	28,286	22,938	13,527	4,776
Flats	9,988	12,893	16,576	12,661	28,421	17,454	27,840	22,574	13,413	4,671
Shophouses	309	437	379	278	278	501	437	356	113	104
Others	1	49	14	-	8	20	9	8	1	1
Non-Residential	790	799	647	997	885	994	766	697	192	59
Commercial	668	702	391	696	490	608	379	582	108	34
Industrial	40	28	52	72	328	338	303	36	62	5
Educational	29	17	5	15	5	6	9	4	1	6
Others	53	52	199	214	62	42	75	75	21	14
Floor Area ('000 sq. ft.):										
Residential	5,746	6,898	9,313	6,906	22,207	10,499	22,656	16,701	11,179	3,373
Flats	5,283	6,356	8,710	6,492	21,817	9,718	22,019	16,207	11,005	3,238
Shophouses	461	493	583	414	372	750	628	483	173	134
Others	2	49	20	-	18	31	9	11	1	1
Non-Residential	4,872	2,436	1,786	4,276	4,322	2,661	3,445	2,653	1,300	1,010
Commercial	1,806	490	563	1,051	1,295	524	568	1,334	202	734
Industrial	1,326	849	506	1,782	2,119	1,506	2,050	746	408	89
Educational	713	378	300	596	110	279	241	247	80	24
Others	1,027	719	417	847	798	352	586	326	610	163

7.5 UNITS UNDER MANAGEMENT BY HOUSING AND DEVELOPMENT BOARD

(At end period)

Year	Dwellings					Number	
	Total	One room	Two rooms	Three rooms	Four rooms and over	Shops	Miscellaneous (including open hawkers' pitches)(1)
1963	43,889	6,483	14,702	20,547	2,157	1,122	152
1964	54,312	7,923	17,488	26,742	2,159	1,331	186
1965	69,660	16,891	20,884	29,670	2,215	1,552	148
1966	80,915	23,653	24,776	30,267	2,219	1,871	1,725
1967	84,683	24,298	25,812	31,894	2,679	1,971	3,080
1968	95,573	29,463	27,036	36,367	2,707	2,682	5,524
1969	108,823	36,844	27,407	41,878	2,694	3,447	6,122
1970	118,544	40,781	28,983	45,992	2,788	3,788	8,589
1971	126,710	43,077	30,717	49,682	3,234	4,177	9,162
1972	139,288	50,168	31,370	53,843	3,907	4,405	10,218
1973	161,313	58,925	31,365	63,847	7,176	5,030	12,297

(1) Exclude land tenancies.

Source: Housing and Development Board

8. EXTERNAL TRADE

Source of Data

Statistics on the external trade of Singapore are compiled by the Department of Statistics from import and export declarations with the exception of the following:

- (i) Postal packages which are based on particulars supplied 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.

Prior to 1968, statistics on imports from and exports to West Malaysia were compiled from machine tabulations supplied by the Department of Statistics, West Malaysia, and were used in the compilation of the Singapore external trade. From 1968, however, imports from and exports to West Malaysia by sea and air are compiled from declarations submitted to the Controller and Registrar of Imports and Exports, Singapore. For trade with West Malaysia by road and rail, the data are compiled from duplicates of West Malaysia

inward and outward declarations which are collected by the Singapore Customs authority at the Customs checkpoints.

Coverage

All classes of goods imported into and exported from Singapore are included in the external trade statistics with the exception of the following:-

- (i) Goods imported and exported by or on behalf of diplomatic services and Armed Forces;
- (ii) Fish and other marine produce landed by Malaysian vessels direct from the sea;
- (iii) Exposed cinematographic films imported or exported on rental basis;
- (iv) Personal and household effects accompanying passengers or crew;
- (v) Gold bullion; and
- (vi) Issued currency notes and coins.

Goods in transit between foreign countries (other than West Malaysia) are also excluded from the external trade statistics. Goods in transit

to West Malaysia are, however, recorded as imports from foreign countries and as exports to West Malaysia. Conversely, goods in transit from West Malaysia are recorded as imports from West Malaysia and as exports to foreign countries. Goods transhipped by sea (ship to ship) at Singapore between foreign countries and West Malaysia have, however, been excluded from the external trade statistics since 1968.

Valuation

Imports from and exports to foreign countries other than West Malaysia are valued at c.i.f. and

f.o.b. respectively. In regard to trade with West Malaysia, imports into Singapore are valued f.o.b. West Malaysia and exports from Singapore are valued c.i.f. West Malaysia.

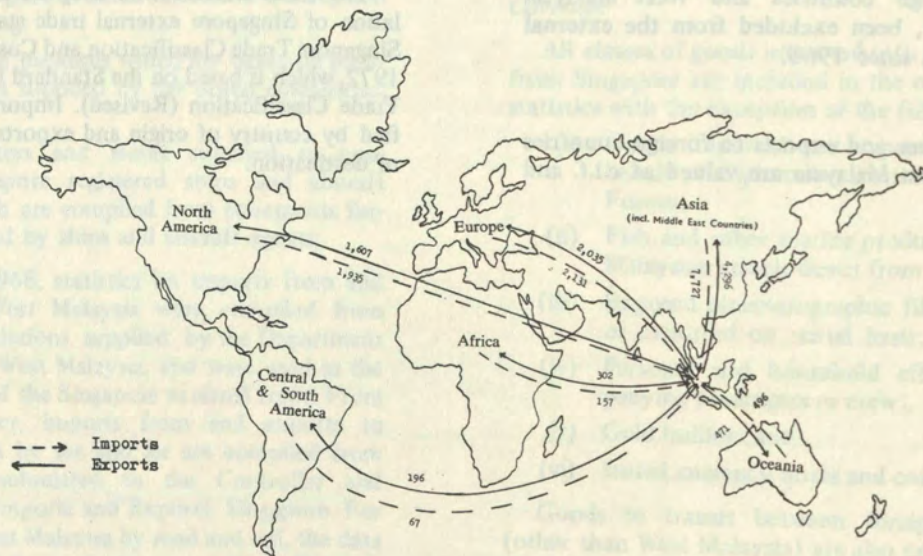
Classification

The trade classification adopted in the compilation of Singapore external trade statistics is the Singapore Trade Classification and Customs Duties, 1972, which is based on the Standard International Trade Classification (Revised). Imports are classified by country of origin and exports by country of destination.

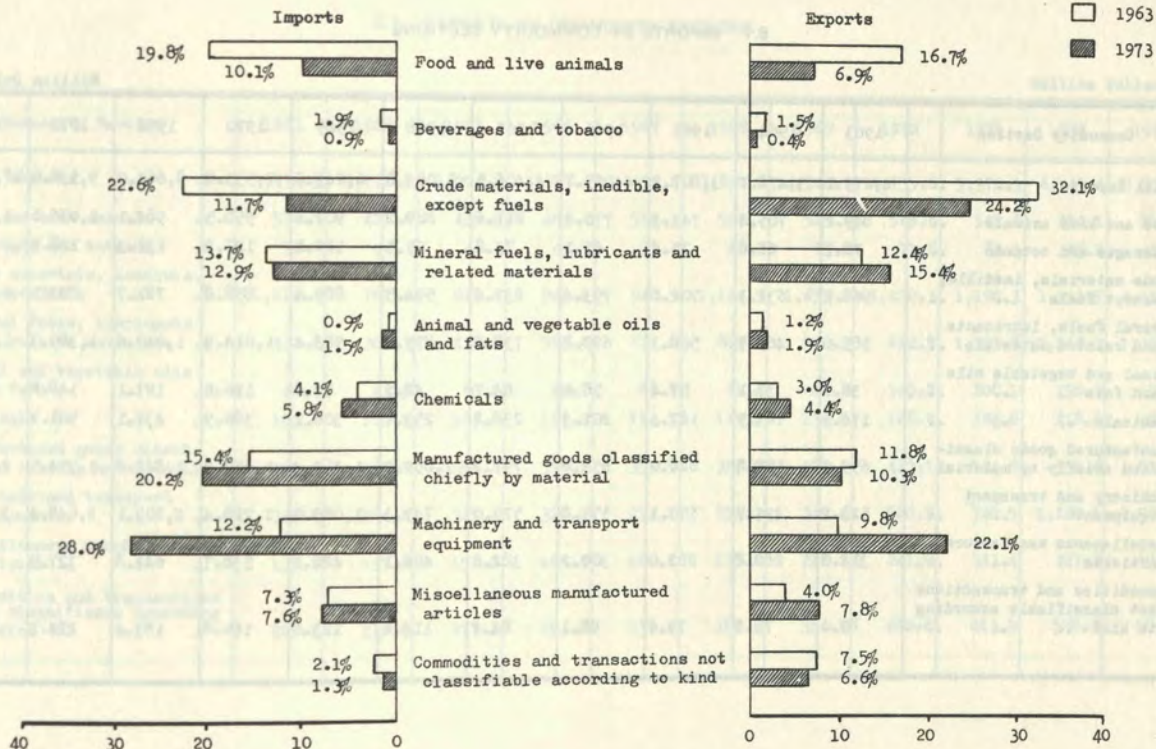
SINGAPORE

TRADE WITH REST OF THE WORLD, 1973

\$ Million



TRADE BY COMMODITY SECTIONS



8.1 IMPORTS BY COMMODITY SECTIONS

Million Dollars

Commodity Section	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Total Imports	4,279.1	3,478.7	3,807.2	4,065.7	4,406.5	5,083.8	6,243.6	7,533.8	8,664.0	9,538.0	12,512.9
Food and live animals ..	849.2	705.4	743.3	770.2	811.6	889.2	907.1	950.5	984.1	1,036.6	1,262.9
Beverages and tobacco ..	78.7	61.6	70.4	65.1	73.8	95.5	129.1	127.9	137.3	128.2	112.7
Crude materials, inedible, except fuels	968.1	632.3	702.8	753.4	637.6	594.5	889.6	858.8	781.7	822.5	1,460.8
Mineral fuels, lubricants and related materials ..	585.0	469.7	508.3	620.8	738.8	875.4	983.4	1,014.9	1,240.6	1,385.3	1,618.2
Animal and vegetable oils and fats	38.7	37.1	57.4	58.0	64.7	48.5	73.6	126.0	197.1	148.8	186.4
Chemicals	174.3	163.5	187.3	201.3	236.8	253.7	306.1	386.9	437.1	501.7	723.6
Manufactured goods classi- fied chiefly by material	659.0	555.8	626.0	652.8	797.2	1,059.0	1,313.3	1,650.9	1,848.8	1,914.5	2,526.6
Machinery and transport equipment	523.1	494.7	550.1	555.8	579.0	747.3	1,089.0	1,718.4	2,209.1	2,648.4	3,498.4
Miscellaneous manufactured articles	314.0	282.8	282.0	300.2	382.8	406.1	428.8	538.7	644.8	727.9	957.5
Commodities and transactions not classifiable according to kind	89.0	75.8	79.6	88.1	84.2	114.6	123.6	160.8	183.4	224.1	165.8

8.2 EXPORTS BY COMMODITY SECTIONS

Million Dollars

Commodity Section	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Total Exports	3,474.5	2,771.9	3,004.1	3,373.6	3,490.6	3,890.7	4,740.7	4,755.8	5,371.3	6,149.4	8,906.8
Food and live animals ..	578.7	421.0	435.8	463.4	519.3	502.2	525.4	549.6	541.8	554.1	617.2
Beverages and tobacco ..	52.2	42.3	46.3	43.5	39.3	48.2	73.0	71.6	69.0	66.0	37.4
Crude materials, inedible, except fuels	1,114.7	781.4	819.4	942.0	940.9	1,114.9	1,655.0	1,430.3	1,190.3	1,132.5	2,152.4
Mineral fuels, lubricants and related materials ..	432.8	362.3	431.1	593.6	677.0	809.8	930.9	822.5	1,145.8	1,168.1	1,367.8
Animal and vegetable oils and fats	40.9	43.9	60.0	66.7	68.8	93.4	84.4	140.2	208.1	150.7	171.6
Chemicals	103.8	100.2	109.6	117.4	114.5	119.5	138.6	128.9	184.6	218.8	393.6
Manufactured goods classi- fied chiefly by material	409.7	359.2	356.8	370.1	359.9	389.9	417.1	423.1	534.6	595.6	920.1
Machinery and transport equipment.. ..	340.8	284.2	315.0	320.3	271.1	252.7	349.6	520.9	740.5	1,220.6	1,967.8
Miscellaneous manufactured articles	139.2	137.8	153.0	162.7	160.7	175.6	212.2	247.9	343.4	497.2	695.8
Commodities and transactions not classifiable according to kind	261.7	239.6	277.1	293.9	339.1	384.5	354.5	420.8	413.2	545.8	583.1

8.3 IMPORTS BY MAJOR COUNTRIES OF ORIGIN

Million Dollars

Country of Origin			1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Total	..	..	4,279.1	3,478.7	3,807.2	4,065.7	4,406.5	5,083.8	6,243.6	7,533.8	8,664.0	9,538.0	12,512.9
West Malaysia	..	..	756.6	791.9	884.9	943.5	839.8	810.1	1,089.7	1,117.4	1,138.9	1,180.5	1,630.7
East Malaysia	..	..	127.3	185.0	224.1	222.9	230.1	239.7	306.5	286.1	304.8	327.2	409.2
Thailand	..	..	122.3	130.1	147.4	161.9	145.4	166.2	167.9	149.4	174.4	269.3	312.3
India	..	..	112.5	102.0	57.5	55.6	53.2	53.4	57.5	69.1	85.9	73.9	115.6
Hong Kong	..	..	122.4	114.4	109.0	112.9	125.6	144.5	165.9	188.5	200.8	242.8	354.0
China, People's Rep. of	..	..	211.7	196.5	224.5	271.7	385.8	460.0	418.5	385.5	406.7	399.1	573.2
Taiwan	..	..	47.1	40.2	33.8	33.2	48.0	76.8	81.8	126.8	148.6	228.9	339.8
Japan	..	..	407.9	364.4	421.2	463.7	548.1	692.3	1,018.9	1,458.0	1,699.6	1,874.5	2,295.5
Australia	..	..	152.7	160.5	166.0	189.3	197.8	216.5	241.3	340.5	367.7	385.9	442.1
Iran	..	..	68.2	74.4	102.7	114.6	151.2	138.1	177.5	170.9	187.0	267.1	301.7
Kuwait	..	..	156.8	122.8	133.9	154.8	223.1	340.1	347.9	360.5	392.3	425.4	356.9
Saudi Arabia	..	..	17.2	33.0	26.8	48.3	30.8	47.5	44.3	79.4	215.6	249.2	384.3
United Kingdom	..	..	427.2	349.8	413.9	408.1	354.5	396.1	421.3	569.1	633.3	635.9	692.7
France	..	..	30.6	31.2	39.1	35.8	42.0	44.8	76.6	86.5	94.0	113.0	162.8
Germany, Fed. Rep. of	..	..	112.0	91.0	104.4	111.4	128.2	129.7	212.2	253.2	339.9	368.7	497.0
Italy	..	..	38.6	27.6	35.4	33.4	42.9	55.8	66.6	91.8	112.6	109.7	168.5
Netherlands	..	..	82.5	63.0	49.7	78.2	77.4	79.0	72.3	93.6	143.1	125.6	146.5
Switzerland	..	..	49.5	48.5	47.1	42.7	62.9	54.4	61.6	71.9	73.3	87.6	116.5
U.S.A.	..	..	225.9	193.2	193.4	210.7	247.6	347.8	494.2	814.8	1,102.3	1,339.8	1,885.6
U.S.S.R.	..	..	14.6	9.0	11.8	9.5	20.3	28.9	35.4	32.4	32.2	24.0	21.6
Other Countries	..	..	995.5	350.2	380.6	363.5	451.8	562.1	685.7	788.4	811.0	809.9	1,306.4

8.4 EXPORTS BY MAJOR COUNTRIES OF DESTINATION

Million Dollars

Country of Destination	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Total	3,474.5	2,771.9	3,004.1	3,373.6	3,490.6	3,890.7	4,740.7	4,755.8	5,371.3	6,149.4	8,906.8
West Malaysia ..	1,011.1	925.5	938.6	907.6	824.9	756.0	779.4	688.7	841.8	907.3	1,220.5
East Malaysia ..	214.3	233.9	281.7	287.5	272.5	267.0	308.4	351.0	386.6	370.2	392.2
Brunei	26.2	35.1	42.1	48.5	52.4	55.5	66.5	78.0	120.5	105.3	105.0
Thailand	95.8	91.2	68.0	117.6	129.6	171.5	177.8	156.8	159.6	214.4	201.0
India	36.3	23.9	25.2	26.9	19.8	19.4	37.0	30.6	25.1	34.5	54.3
Hong Kong ..	90.4	156.3	132.8	120.4	116.9	141.7	143.0	194.0	289.1	373.4	486.3
China, People's Rep. of	16.3	1.0	22.4	137.2	95.8	81.2	174.8	69.4	46.6	57.4	128.4
Taiwan	7.5	10.5	11.5	15.7	19.9	26.1	31.1	37.5	43.8	67.4	100.3
Japan	136.7	95.0	112.2	123.3	156.1	274.4	336.3	361.5	379.8	392.4	713.3
Vietnam, Rep. of ..	63.4	65.5	112.0	256.4	305.1	350.2	447.5	336.6	392.7	304.5	293.0
Australia	86.7	77.7	93.8	70.3	73.0	89.3	123.0	160.0	257.2	294.8	329.2
United Kingdom ..	202.9	183.1	192.4	184.8	211.7	245.5	273.7	324.5	333.7	339.4	552.5
France	61.7	48.5	46.0	61.9	55.1	60.5	92.5	95.3	86.5	129.5	239.5
Germany, Fed. Rep. of	70.3	48.0	57.9	48.8	53.5	81.9	114.6	136.2	113.7	171.3	303.4
Italy	70.9	39.2	43.7	43.1	55.0	45.4	58.4	69.2	63.7	80.1	123.8
Netherlands ..	54.0	24.9	34.9	50.3	62.8	86.3	67.1	72.0	69.6	101.8	189.0
Spain	21.4	16.9	20.8	22.7	20.5	23.0	36.1	46.1	40.5	38.3	55.6
Canada	32.7	25.7	26.7	33.9	33.9	47.9	61.3	56.8	63.3	76.5	92.0
U.S.A.	231.8	116.5	124.9	161.5	244.0	329.5	508.5	527.3	634.8	949.1	1,515.3
U.S.S.R.	154.9	75.5	126.6	110.6	89.9	111.0	129.1	142.4	115.6	101.5	176.1
Other Countries ..	789.2	478.0	489.9	544.6	598.2	627.4	774.6	821.9	907.1	1,040.3	1,636.1

8.5 IMPORTS BY PRINCIPAL COMMODITY GROUPS

Thousand Dollars

Year	Rice	Spices	Animal Feeding Stuff	Crude Rubber	Wood in the Rough	Petroleum Crude	Petroleum Products	Fixed Vegetable Oil	Plastic Materials	Paper and Paperboard	Textile Fabrics Woven
1963	170,815	66,911	59,751	818,071	24,850	151,983	432,024	35,779	13,525	36,975	232,238
1964	105,493	34,064	90,626	497,438	27,012	91,500	377,362	33,695	13,531	35,234	191,872
1965	110,893	52,486	109,907	553,789	31,211	104,977	401,792	53,960	18,978	40,192	199,644
1966	114,711	44,116	100,620	583,664	42,312	150,333	468,547	54,735	23,445	48,406	223,217
1967	139,304	66,060	81,793	455,682	53,230	226,577	509,480	59,434	26,909	52,434	299,823
1968	164,897	71,225	86,108	393,332	66,142	374,847	497,452	44,228	31,621	65,247	455,086
1969	113,316	132,191	93,022	653,949	76,090	388,430	593,514	68,145	48,073	68,424	570,969
1970	103,464	147,448	91,189	564,022	87,404	436,868	575,988	116,691	60,338	90,977	622,256
1971	88,831	128,143	102,143	468,827	97,355	717,999	518,778	187,072	73,565	105,806	647,525
1972	125,965	131,434	112,219	477,158	94,924	909,393	473,952	139,558	85,243	98,868	630,191
1973	163,110	151,091	119,604	974,415	79,984	1,139,173	474,953	174,684	172,764	161,176	732,786

8.5 IMPORTS BY PRINCIPAL COMMODITY GROUPS (continued)

Thousand Dollars

Year	Steel Plates, Sheets, Bars and Shapes etc	Power Generating Machinery	Industrial Machinery	Other Machinery and Equipment	Electric Power Machinery	Telecom Apparatus	Office Machines and Other Electrical Machinery	Road Motor Vehicles	Scientific Instrument	Watches and Clocks	Musical Instrument
1963	73,467	26,926	43,939	70,104	24,876	68,007	38,595	193,477	22,562	41,649	15,417
1964	67,455	25,721	45,478	74,132	39,020	48,023	40,533	164,234	18,215	41,297	13,758
1965	82,135	41,292	52,044	82,628	42,990	43,352	38,939	185,064	23,427	45,954	17,316
1966	81,142	39,466	67,385	114,172	41,279	49,489	42,389	152,012	28,284	48,165	23,653
1967	86,669	45,462	97,640	97,820	29,876	62,635	53,398	128,271	31,740	66,462	33,217
1968	100,634	60,928	118,052	124,080	32,134	49,830	67,814	141,745	40,585	62,033	34,741
1969	141,538	72,879	219,811	193,400	61,234	77,157	98,812	202,830	50,915	72,174	45,120
1970	216,235	115,360	378,639	313,430	82,191	109,167	248,589	276,761	79,306	88,309	63,967
1971	221,114	127,266	443,756	380,861	116,736	157,030	266,589	358,271	104,007	86,808	76,885
1972	255,340	147,997	434,179	526,975	160,514	182,709	514,605	290,388	142,578	125,793	76,206
1973	382,523	216,245	549,745	557,055	174,340	244,908	779,607	395,159	179,202	149,125	125,576

8.6 EXPORTS BY PRINCIPAL COMMODITY GROUPS

Thousand Dollars

Year	Fruit Preserved	Coffee and Tea	Spices	Animal Feeding Stuff	Crude Rubber	Sawn Timber	Crude Animal and Vegetable Materials	Petroleum Products	Fixed Vegetable Oil	Fertilizers Crude and Manufactured
1963	40,255	107,113	86,959	27,220	972,527	30,659	31,210	376,613	39,059	19,101
1964	41,913	36,295	54,656	31,207	644,823	42,759	29,279	361,624	42,352	19,663
1965	51,925	34,769	70,039	39,859	668,818	50,210	30,683	429,695	58,453	22,223
1966	54,305	67,250	67,923	39,760	760,906	56,629	32,207	591,606	65,047	23,272
1967	51,408	133,320	82,880	43,803	755,058	60,285	34,451	675,472	65,478	19,518
1968	52,836	108,534	88,620	51,257	868,583	78,549	36,451	806,717	91,167	24,574
1969	54,164	115,664	93,505	66,442	1,403,487	103,102	39,152	927,529	82,421	23,641
1970	56,896	95,476	125,968	66,507	1,162,413	109,507	41,711	818,055	138,551	17,290
1971	52,109	70,734	122,636	75,360	942,797	95,045	46,829	1,133,445	205,145	30,174
1972	53,287	51,358	124,644	75,711	842,541	131,271	53,857	1,157,820	147,346	46,717
1973	52,037	47,906	118,682	100,651	1,626,880	313,628	58,348	1,354,106	168,173	64,447

8.6 EXPORTS BY PRINCIPAL COMMODITY GROUPS (continued)

Thousand Dollars

Year	Wood simply shaped	Textile Fabrics Woven	Office Machines and Other Electrical Machinery	Industrial Machinery	Other Machinery and Equipment	Telecom Apparatus	Road Motor Vehicles	Ships and Boats	Clothing except Fur	Scientific Instrument
1963	2,537	126,117	31,755	33,042	39,737	20,613	148,459	5,765	37,986	7,830
1964	3,699	111,092	29,764	26,311	27,879	21,050	130,677	667	43,940	5,864
1965	8,600	102,062	28,376	38,949	37,001	11,981	143,670	2,586	50,420	6,347
1966	17,790	90,768	29,985	44,096	40,536	11,813	129,812	1,725	50,922	7,629
1967	22,639	87,388	30,957	47,646	34,143	11,050	89,627	6,085	48,902	6,832
1968	35,817	103,562	32,731	45,377	38,328	9,309	83,342	5,735	63,500	8,482
1969	47,213	134,264	74,129	56,172	42,349	15,195	111,989	10,631	85,179	9,816
1970	54,096	128,154	170,005	69,982	48,853	35,775	120,988	15,714	94,711	10,250
1971	76,106	164,649	254,462	84,604	65,189	76,438	140,953	34,146	138,574	21,211
1972	114,524	172,062	502,225	86,212	73,116	171,410	141,831	66,863	222,939	65,728
1973	226,730	231,180	948,168	127,181	122,969	249,425	181,449	93,673	319,687	113,413

9. TRANSPORT AND COMMUNICATIONS

Vessels Entered and Cleared

Data on the movement of ships and other vessels are compiled from declarations submitted to the Director of Marine by all merchant ships except fishing vessels entering or leaving Singapore waters. From 1966, vessels engaged in coastal trade between Singapore and West Malaysia and foreign-going vessels arriving in and departing from Singapore via a port in West Malaysia are also included. The data are given in 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 the wharves and "roads" and are based on cargo summaries submitted to the Manifest Section of the Imports and Exports Office. The data include transshipment cargo but exclude military stores. Data on mineral oil-in-bulk comprise crude and refined petroleum carried by tankers discharged or loaded at the oil refineries, but exclude bunker fuels supplied to vessels. All other cargo, including vegetable oil-in-bulk,

bulk cement, wheat and latex, are shown as "General and Other 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.

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 movement of passengers between Singapore and West Malaysia.

Data on visitors are compiled from immigration disembarkation forms which are required to be submitted by all persons arriving in Singapore from foreign countries at the sea or air terminals. Prior to 1969, data on visitors referred only to visitors or tourist from countries other than West Malaysia arriving in Singapore for holiday, business or

social purposes. As from January 1969, the coverage has been extended to include all visitors except Malaysian visitors embarking direct from West 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 adja-

cent 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 renewable every year except for bicycles. 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.

9.1 ENTRANCES AND CLEARANCES OF SHIPS

Year	Vessels of over 75 tons net register				Vessels of 75 tons net register and under and native crafts of all types			
	Entered		Cleared		Entered		Cleared	
	Number	'000 n.r.t.	Number	'000 n.r.t.	Number	'000 n.r.t.	Number	'000 n.r.t.
1963	11,653	41,125	11,597	41,085	7,668	377	7,768	399
1964	10,326	40,820	10,296	40,670	7,701	192	7,682	185
1965	10,928	44,454	10,934	44,324	1,612	198	1,600	198
1966	12,230	50,817	12,188	50,676	15,399	220	15,330	216
1967	13,811	57,758	13,718	57,535	24,390	288	24,401	288
1968	15,614	63,437	15,524	63,037	17,578	305	17,556	301
1969	16,634	63,901	16,568	63,711	15,900	341	15,973	349
1970	18,422	73,847	18,269	73,037	15,646	427	15,659	462
1971	19,073	77,362	18,723	76,449	15,936	630	15,694	670
1972	18,624	88,731	18,628	88,740	15,837	900	15,904	935
1973	18,948	93,564	18,884	92,518	17,563	1,420	17,821	1,476

 = 2 Million Freight Tons

Discharged

Loaded

9.2 CARGO DISCHARGED AND LOADED BY SHIPS

Thousand Freight Tons

Year	Total Discharged			General and Other Cargo			Mineral Oil-in-Bulk		
	Total	Roads	Wharves	Total	Roads	Wharves	Total	Roads	Wharves
1963	13,740.3	10,572.4	3,167.9	4,784.2	1,970.4	2,813.8	8,956.1	8,602.0	354.1
1964	11,882.1	8,981.4	2,900.7	3,916.9	1,400.4	2,516.5	7,965.2	7,581.0	384.2
1965	13,360.0	10,215.8	3,144.2	4,226.6	1,456.3	2,770.3	9,133.3	8,759.4	373.9
1966	16,543.5	13,416.1	3,127.4	4,169.8	1,487.6	2,682.2	12,373.7	11,928.5	445.2
1967	18,397.3	15,272.3	3,125.0	4,315.5	1,578.5	2,737.0	14,081.8	13,693.8	388.0
1968	21,678.2	18,057.2	3,621.0	4,638.6	1,598.2	3,040.4	17,039.5	16,458.9	580.6
1969	22,569.4	18,725.7	3,843.7	5,025.6	1,776.7	3,248.9	17,543.8	16,949.0	594.8
1970	26,439.4	21,869.6	4,569.8	5,849.8	1,889.6	3,960.2	20,589.6	19,980.0	609.6
1971	28,817.6	23,914.2	4,903.4	6,607.7	2,156.7	4,451.0	22,209.9	21,757.5	452.4
1972	35,651.8	30,560.4	5,091.4	7,140.5	2,751.8	4,388.7	28,511.3	27,808.6	702.7
1973	38,566.9	31,761.7	6,805.2	8,651.6	2,827.8	5,823.8	29,915.3	28,933.9	981.4

Year	Total Loaded			General and Other Cargo			Mineral Oil-in-Bulk		
	Total	Roads	Wharves	Total	Roads	Wharves	Total	Roads	Wharves
1963	7,853.4	5,763.2	2,090.2	2,835.6	759.2	2,076.4	5,017.8	5,004.0	13.8
1964	6,169.0	4,426.0	1,743.0	2,080.0	337.0	1,743.0	4,089.0	4,089.0	-
1965	7,980.3	6,153.8	1,826.5	2,186.0	359.5	1,826.5	5,794.3	5,794.3	-
1966	10,094.5	8,144.4	1,950.1	2,570.9	620.8	1,950.1	7,523.6	7,523.6	-
1967	11,943.0	9,765.8	2,177.2	2,980.5	803.3	2,177.2	8,962.5	8,962.5	-
1968	13,959.3	11,389.2	2,570.1	3,463.9	893.8	2,570.1	10,495.4	10,495.4	-
1969	15,334.8	12,730.5	2,604.3	3,670.5	1,066.2	2,604.3	11,664.3	11,664.3	-
1970	15,720.4	13,051.6	2,668.8	3,815.3	1,146.5	2,668.8	11,905.1	11,905.1	-
1971	19,269.0	16,481.0	2,788.0	3,962.7	1,174.7	2,788.0	15,306.3	15,306.3	-
1972	21,412.4	18,868.1	2,544.3	4,555.4	2,011.1	2,544.3	16,857.0	16,857.0	-
1973	22,702.0	19,599.5	3,102.5	5,613.7	2,511.2	3,102.5	17,088.3	17,088.3	-

Notes: Roads refer to all parts of Singapore and adjacent islands, except P.S.A. Keppel Wharves and Container Berths.

Wharves refer to P.S.A. Keppel Wharves as well as Container Berths which started operation in June 1972.

9.3 CIVIL AIR TRAFFIC STATISTICS: LANDINGS AND PASSENGERS

Year	Landings		Passengers				
	West Malaysia	Other Countries	Arrived		Departed		In Transit
			West Malaysia	Other Countries	West Malaysia	Other Countries	
	Number			Persons			
1963	2,474	4,752	59,290	129,529	56,102	131,848	76,919
1964	2,946	5,046	72,330	128,342	71,884	126,745	101,557
1965	3,024	5,743	84,384	148,162	86,576	147,151	137,439
1966	2,808	5,803	92,844	177,242	91,595	180,595	127,727
1967	3,193	7,294	106,758	243,410	106,475	247,283	165,420
1968	3,104	8,556	115,552	297,200	111,161	305,695	210,569
1969	3,551	11,009	133,649	393,735	129,921	404,984	264,669
1970	3,607	13,506	170,120	512,164	167,208	521,422	304,098
1971	4,540	16,832	207,548	618,164	207,779	628,017	344,775
1972	5,773	19,536	249,866	779,348	247,942	791,310	466,875
1973	6,833	22,343	350,299	1,000,446	343,522	1,030,411	583,850

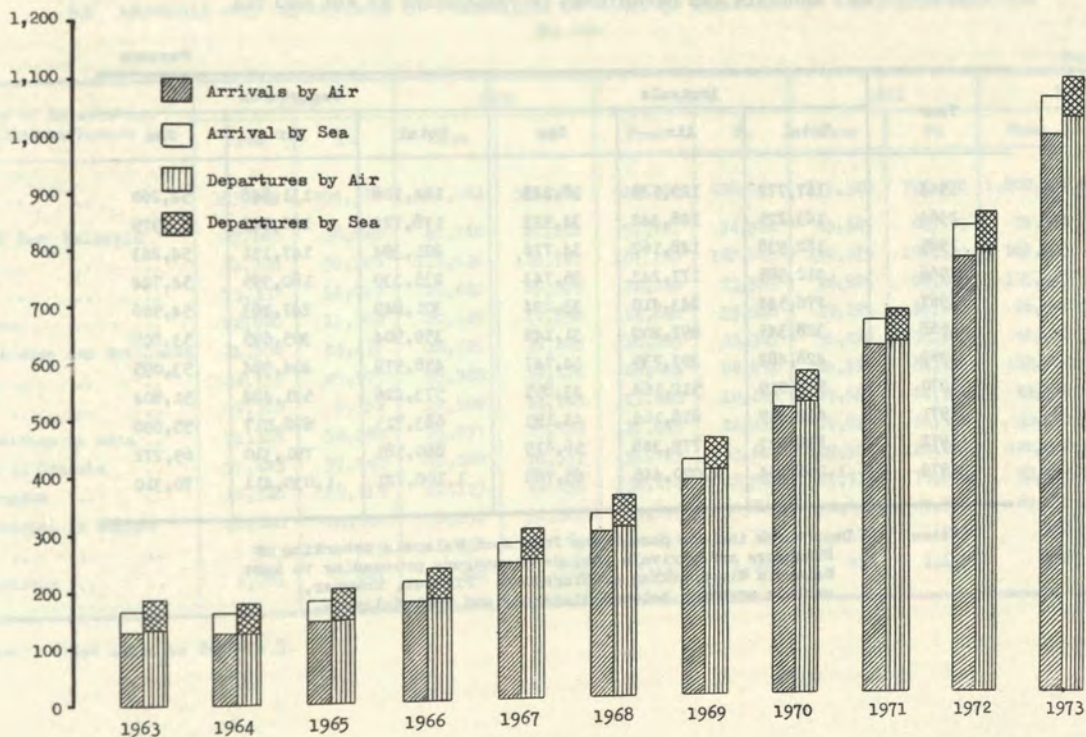
9.4 CIVIL AIR TRAFFIC STATISTICS: MAIL AND FREIGHT

Thousand Kilograms

Year	Mail				Freight			
	Landed		Despatched		Landed		Despatched	
	West Malaysia	Other Countries	West Malaysia	Other Countries	West Malaysia	Other Countries	West Malaysia	Other Countries
1963	145	722	186	554	159	2,410	1,233	2,068
1964	145	524	188	384	156	2,636	1,283	1,683
1965	170	635	197	497	238	3,130	1,419	2,162
1966	172	560	191	542	247	3,101	911	3,497
1967	200	729	195	761	277	3,740	710	4,188
1968	202	910	205	992	333	4,555	599	4,976
1969	158	1,035	246	1,242	385	5,941	631	7,984
1970	138	1,227	232	1,484	298	7,945	649	12,172
1971	120	1,162	235	1,279	378	9,927	723	14,678
1972	89	1,222	250	1,339	323	12,775	1,046	16,385
1973	109	1,348	297	1,480	801	18,052	1,830	20,887

ARRIVALS AND DEPARTURES OF PASSENGERS BY AIR AND SEA

'000 Persons



9.5 ARRIVALS AND DEPARTURES OF PASSENGERS BY AIR AND SEA

Year	Persons					
	Arrivals			Departures		
	Total	Air	Sea	Total	Air	Sea
1963	167,772	129,529	38,243	184,108	131,848	52,260
1964	163,275	128,342	34,933	178,724	126,745	51,979
1965	182,938	148,162	34,776	201,394	147,151	54,243
1966	212,985	177,242	35,743	235,339	180,595	54,744
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	458,979	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

Notes: Departures include passengers from West Malaysia embarking at Singapore and arrivals include passengers proceeding to West Malaysia disembarking at Singapore. Figures, however, exclude movement between Singapore and West Malaysia.

9.6 ARRIVALS AND DEPARTURES OF PASSENGERS BY PLACE OF EMBARKATION AND DISEMBARKATION
(By Air)

Country of Embarkation and Disembarkation	Persons									
	1969		1970		1971		1972		1973	
	From	To	From	To	From	To	From	To	From	To
Total	393,735	404,984	512,164	521,422	618,164	628,017	779,348	791,310	1,000,446	1,030,411
Brunei and East Malaysia	39,665	38,688	48,166	47,221	57,721	54,928	63,665	64,583	75,250	77,533
Indonesia	71,785	70,366	123,030	120,747	167,150	162,129	198,379	192,123	267,005	260,628
Thailand	53,337	52,712	69,640	69,373	74,220	73,969	98,926	98,488	135,408	128,604
Philippines	12,980	11,762	20,145	17,198	24,642	19,948	23,295	20,610	26,996	26,215
India, Pakistan and Sri Lanka	21,506	23,471	28,721	32,263	28,905	33,365	31,020	33,769	41,058	44,427
Hong Kong	42,750	43,977	59,982	59,376	66,604	68,674	81,513	84,457	102,722	124,345
Japan	9,389	9,752	12,509	14,765	15,664	16,465	27,597	24,701	43,540	33,780
Other Countries in Asia ..	51,322	52,184	25,877	25,899	21,429	22,434	25,028	26,508	33,582	38,843
Countries in Oceania ..	51,443	57,243	70,068	70,557	91,729	93,609	109,585	120,849	122,058	161,830
United Kingdom	16,440	19,219	22,175	29,852	34,174	42,541	75,779	76,005	82,729	65,258
Other Countries in Europe	21,664	24,344	30,292	32,300	34,593	37,829	44,238	47,852	69,270	67,143
Africa	373	175	207	85	216	170	190	216	78	279
Other Countries	1,081	1,091	1,352	1,786	1,117	1,956	133	1,149	750	1,526

Notes: See notes to Table 9.5.

9.7 ARRIVALS AND DEPARTURES OF PASSENGERS BY PLACE OF EMBARKATION AND DISEMBARKATION
(By Sea)

Country of Embarkation and Disembarkation	Persons									
	1969		1970		1971		1972		1973	
	From	To	From	To	From	To	From	To	From	To
Total	34,747	53,095	33,855	51,804	44,195	55,698	58,679	69,271	65,788	70,310
Brunei and East Malaysia	9,686	11,868	9,322	14,458	8,774	11,378	8,804	9,434	5,180	6,295
Indonesia	4,829	4,772	5,971	5,440	12,970	12,137	19,020	17,481	24,481	21,460
Thailand	131	55	60	57	98	46	231	312	17	89
India, Pakistan and Sri Lanka	5,497	15,233	4,929	14,796	4,092	11,901	4,496	11,799	6,432	10,143
Hong Kong	3,970	4,920	4,300	4,225	4,886	4,496	4,975	4,002	4,350	3,513
China, People's Republic of	2,942	6,199	3,360	6,391	4,294	7,313	5,870	8,715	5,723	8,682
Japan	923	822	87	76	84	52	29	29	534	498
Other Countries in Asia ..	786	2,030	773	1,421	802	1,647	692	810	303	802
Countries in Oceania ..	4,394	4,428	4,092	3,830	7,403	5,520	13,369	15,998	18,172	18,246
United Kingdom	737	1,295	353	688	229	919	590	212	132	170
Other Countries in Europe	444	1,112	72	176	55	64	40	43	10	17
Africa	92	113	176	61	174	45	148	168	167	16
Other Countries	316	248	360	185	334	180	415	268	287	379

Notes: See notes to Table 9.5.

9.8 VISITORS BY CITIZENSHIP

(By Air and Sea)

Persons

	1965	1966	1967	1968	1969	1970	1971	1972	1973
Total	98,481	128,670	204,852	251,135	408,709	521,654	632,149	783,015	984,732
West Malaysia	..	..	..	..	24,967	30,332	35,544	42,833	53,914
East Malaysia	..	..	..	..	16,039	21,284	24,400	28,584	33,965
Brunei	2,089	2,205	2,935	2,626	3,181	3,570	4,303	5,241	6,232
Indonesia	88	483	17,288	24,305	44,592	72,359	85,627	90,722	117,894
Thailand	887	1,118	1,977	2,862	3,468	4,702	6,618	9,507	11,337
Philippines	803	1,479	2,669	3,521	4,765	7,431	11,993	11,826	11,090
Burma	201	176	464	367	..	..	..	..	..
India	4,585	6,412	10,432	12,336	16,207	24,498	23,545	23,666	27,475
Pakistan	630	795	998	1,206	1,559	1,633	1,881	1,853	3,359
Sri Lanka	905	1,764	2,797	2,991	3,581	3,651	3,948	5,508	7,232
China (incl. Taiwan)	2,836	3,114	4,062	4,970	7,601	9,235	17,699	22,289	25,101
Japan	7,831	8,529	12,273	15,219	25,546	32,739	45,057	70,280	113,430
Australia	13,699	18,957	26,768	33,086	46,517	61,453	76,930	104,726	140,573
New Zealand	2,199	3,264	4,072	4,864	6,228	8,329	9,002	12,916	16,946
United Kingdom	21,297	23,751	29,803	34,404	49,477	63,159	88,746	113,216	125,331
U.K. Dependencies n.e.c.	3,232	3,667	5,738	6,554	5,909	9,254	11,338	12,938	16,063
France	1,858	2,762	3,335	4,642	6,485	8,685	11,079	14,745	21,792
Germany	2,157	2,692	3,813	4,512	7,214	9,857	14,048	18,800	24,361
Italy	866	1,177	1,596	2,127	2,891	4,856	6,293	8,660	11,247
Netherlands	2,153	2,534	4,015	4,877	7,023	9,710	13,100	16,980	20,670
Other Countries in Europe n.e.c.	3,381	4,364	6,964	10,125	15,660	21,233	23,987	31,309	40,011
U.S.A.	22,513	33,850	53,548	64,122	90,883	89,081	91,403	105,251	117,777
Canada	1,410	1,794	2,535	3,228	5,009	8,043	7,736	9,655	11,416
Other Countries n.e.c.	2,861	3,783	6,770	8,191	13,907	16,560	17,872	21,510	27,516

Notes: As from 1969 figures cover all visitors except Malaysian visitors embarking direct from West Malaysia.
 Prior to 1969 figures exclude Malaysian visitors as well as all visitors embarking direct from West Malaysia.

9.9 VISITORS BY PURPOSE OF VISIT

Persons

Year	Total	Holiday/ Social	Business	Profession- al	Education	Transit	Dependents of persons coming for employment	Others
1963	109,720	53,944	14,235	1,805	366	35,821	647	2,902
1964	90,871	54,249	11,001	1,619	185	20,261	828	2,728
1965	98,481	56,225	11,309	2,484	154	22,271	781	5,257
1966	128,670	74,014	14,490	2,787	152	30,501	791	5,935
1967	204,852	121,500	23,182	3,460	129	48,399	820	7,362
1968	251,135	145,565	27,548	4,475	348	63,844	970	8,385

Year	Total	Pleasure/ Vacation	Business/ Pleasure	Business	Others
1969	408,709	242,486	36,589	67,842	61,792
1970	521,654	317,312	46,617	83,206	74,519
1971	632,149	380,292	57,178	95,619	99,060
1972	783,015	459,491	70,521	108,698	144,305
1973	984,732	603,489	87,027	126,044	168,172

Notes: See notes to Table 9.8.

The classification of visitors by purpose of visit was revised from 1st January, 1969.

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

Persons

Country of Embarkation	1969		1970		1971		1972		1973	
	Air	Sea	Air	Sea	Air	Sea	Air	Sea	Air	Sea
Total	380,978	27,731	493,681	27,973	597,687	34,462	738,258	44,757	934,020	50,712
West Malaysia	44,930	1,407	59,761	992	71,431	188	80,823	243	106,452	239
Brunei and East Malaysia (incl. Labuan) ..	30,767	7,517	38,684	7,412	46,107	7,476	53,037	7,748	61,861	4,362
Indonesia	62,636	9,617	106,961	10,436	143,544	13,437	166,516	15,958	217,592	20,777
India, Pakistan & Sri Lanka	17,644	1,479	23,044	855	23,384	837	24,092	724	31,178	1,286
Hong Kong	31,097	2,089	43,098	2,608	48,876	2,847	57,816	2,783	71,150	2,152
Taiwan	3,350	99	5,163	54	4,980	38	7,496	5	7,841	113
Japan	8,265	522	11,480	139	14,808	165	28,052	160	46,573	972
Other Countries in Asia..	98,909	1,317	93,578	1,479	94,604	2,190	113,172	2,502	148,196	2,187
Australia, New Zealand and Papua (incl. Christmas and Cocos Islands) ..	46,904	2,784	63,085	3,053	82,834	6,307	93,779	13,395	107,107	16,905
United Kingdom	15,955	218	20,985	95	33,287	116	69,659	71	74,115	72
Other Countries in Europe	17,733	145	24,071	73	28,428	73	38,032	70	54,973	82
U.S.A. (incl. Hawaii) ..	1,461	406	2,060	529	2,604	464	2,547	602	2,701	612
Africa	409	66	204	62	348	40	303	38	359	78
Other Countries n.e.c. ..	918	65	1,507	186	2,452	284	2,934	458	3,922	875

Notes: See notes to Table 9.8.

9.11 PUBLIC ROADS

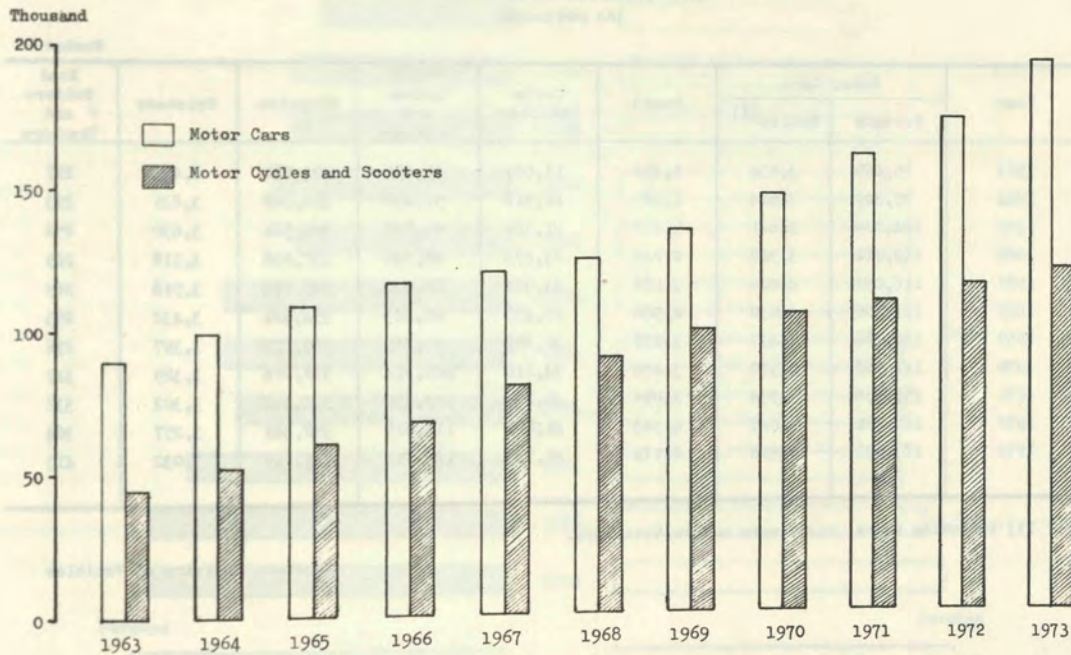
(At end period)

Kilometres

Year	Total	Major Arterial Roads	Collector Roads	Local Roads Improved	Local Roads Unimproved
1963	1,701	219	109	489	884
1964	1,712	219	109	512	872
1965	1,761	222	109	535	895
1966	1,831	225	109	771	726
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

Source: Public Works Department

VEHICLES REGISTERED
(Motor cars, motor cycles and scooters)



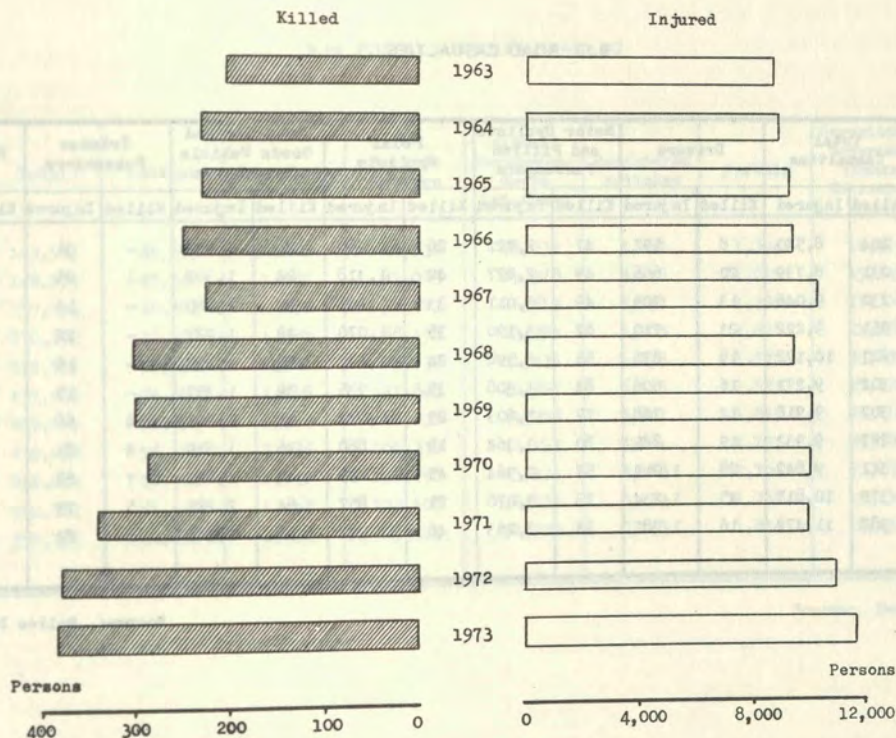
9.12 VEHICLES REGISTERED
(At end period)

Year	Motor Cars		Buses	Goods Vehicles	Motor Cycles and Scooters	Bicycles	Trishaws	Number
	Private	Public ⁽¹⁾						Road Rollers and Tractors
1963	85,668	3,634	1,492	17,067	45,057	303,250	3,423	217
1964	95,349	3,614	1,586	18,318	52,438	314,048	3,631	223
1965	104,729	3,621	1,617	21,365	60,838	324,581	3,630	252
1966	112,712	3,922	2,240	23,275	68,746	337,038	3,518	265
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

(1) Including taxis, hired cars and tuition cars.

Source: Registry of Vehicles

ROAD CASUALTIES



9.13 ROAD CASUALTIES

Persons

Year	Total Casualties		Drivers		Motor Cyclists and Pillion Passengers		Pedal Cyclists		Bus, Car and Goods Vehicle Passengers		Trishaw Passengers		Pedestrians	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
1963	204	8,540	8	597	47	2,722	26	1,260	21	1,330	-	31	102	2,600
1964	231	8,739	20	666	49	2,827	42	1,318	24	1,302	1	25	95	2,601
1965	230	9,046	13	709	49	3,011	33	1,128	32	1,360	-	14	103	2,824
1966	251	9,222	23	710	62	3,190	35	1,070	29	1,227	-	22	102	3,003
1967	227	10,122	18	676	55	3,598	24	1,135	20	1,352	-	16	110	3,345
1968	302	9,271	16	606	84	3,308	35	935	39	1,357	-	15	128	3,050
1969	302	9,918	12	768	77	3,603	29	1,034	36	1,201	4	86	144	3,226
1970	287	9,932	19	885	80	3,364	19	860	36	1,619	2	85	131	3,119
1971	341	9,842	28	1,014	57	2,964	45	899	42	1,821	7	88	162	3,056
1972	379	10,817	45	1,234	73	3,070	21	857	64	2,287	5	75	171	3,294
1973	382	11,472	16	1,282	94	3,263	46	947	36	2,365	4	82	186	3,533

Source: Police Department

9.14 POSTAL ARTICLES HANDLED

Thousands

Year	Total	Letters	Postcards	Printed Matters	Airmail Correspondence 1st Class	Registered Articles	Parcels	Unregistered Government Franked Correspondence	Others
1963	143,577	45,859	1,485	46,934	26,732	4,889	1,304	16,372	2
1964	148,903	47,340	1,589	49,083	29,378	4,846	1,215	15,449	3
1965	157,654	48,254	1,236	55,783	26,613	4,997	1,399	19,364	8
1966	170,252	48,903	1,040	68,176	23,493	5,206	1,468	21,958	8
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

Source: Postal Department

9.15 COMMUNICATIONS

Thousands						
Year	Telegrams		International Telephone Calls	Telex Calls		Total Number of Telephones (At end period)
	West Malaysia	International		West Malaysia	International	
1963	507	653	39	12	19	74
1964	556	551	35	16	24	79
1965	576	550	54	17	26	87
1966	436	607	75	18	29	95
1967	421	705	105	24	38	106
1968	361	750	141	30	47	119
1969	357	798	182	31	66	136
1970	176	910	255	33	103	161
1971	96	972	350	28	176	190
1972	86	1,015	431	37	319	218
1973	76	1,140	577	44	528	250

Notes: Figures for Telegrams, International Telephone Calls and Telex Calls refer to outgoing calls only.

Source: The Telecommunication Authority of Singapore

10. MONEY, BANKING 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 establishment of the Commissioner of Banking in the Ministry of Finance Singapore in June 1967. The Monetary Authority of Singapore was established on 1st January 1971 to take over the functions of the Commissioner of Banking relating to the licensing and regulation of banking business.

Insurance

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

Post Office Savings Bank

The Post Office Savings Bank of Singapore was constituted as an independent statutory corporation under the Post Office Savings Bank of Singa-

pore 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

Under the Central Provident Fund Act, all employers and employees, except those contributing to approved funds, are liable to contribute to the Fund.

Members are entitled to withdraw from the Fund, provided the Board is satisfied 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 West 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.

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

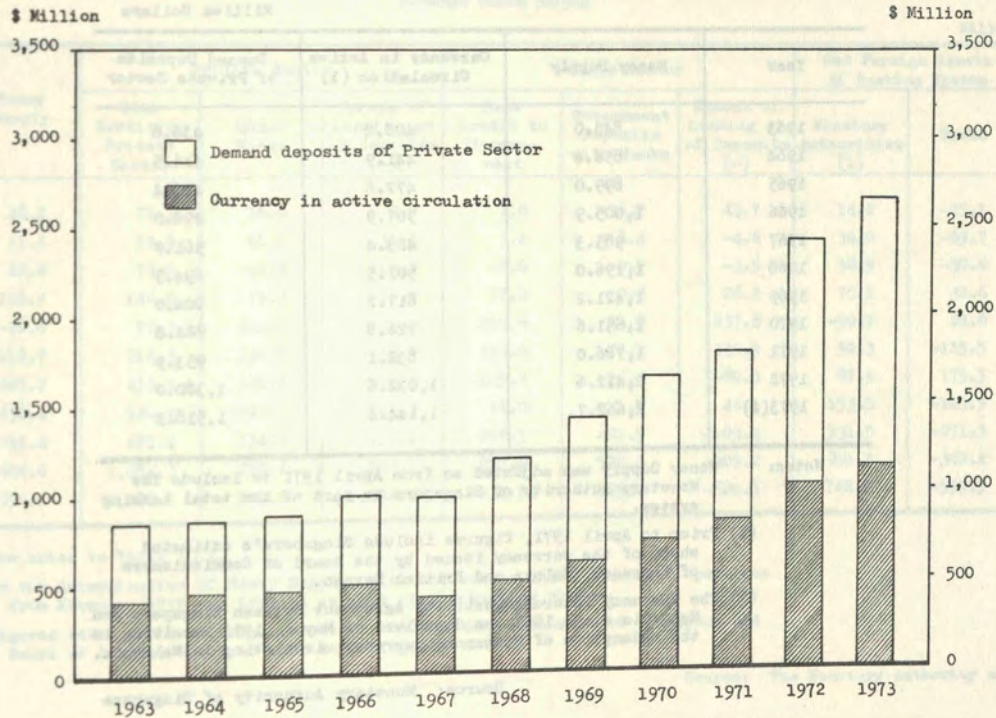
10.1 CURRENCY IN CIRCULATION
(At end period)

Year	Gross Circulation			Active Circulation(1)	Active to Gross
	Total	Notes	Coins		
	\$ Million				%
1967	424.4	418.1	6.3	362.0	85.30
1968	525.3	504.5	20.8	478.7	91.13
1969	645.4	594.7	50.7	597.3	92.55
1970	753.1	699.9	53.2	707.4	93.93
1971	878.9	818.5	60.4	832.1	94.68
1972	1,097.9	1,029.2	68.7	1,032.6	94.06
1973	1,227.6	1,157.0	70.6	1,144.4	93.22

(1) Refers to gross circulation less the amounts held by Government Treasuries and banks.

Source: Board of Commissioners of Currency, Singapore

TOTAL MONEY SUPPLY



10.2 TOTAL MONEY SUPPLY

(At end period)

Million Dollars

Year	Money Supply	Currency in Active Circulation (1)	Demand Deposits of Private Sector
1963	845.0	408.2	436.8
1964	856.4	441.9	414.5
1965	899.0	472.6	426.4
1966	1,005.9	507.9	498.0
1967	985.3	423.4	561.9
1968	1,196.0	501.5	694.5
1969	1,421.2	617.2	804.0
1970	1,651.6	726.8	924.8
1971	1,786.0	832.1	953.9
1972	2,412.6	1,032.6	1,380.0
1973(2)	2,662.7	1,144.4	1,518.3

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

- (1) Prior to April 1971, figures include Singapore's estimated share of the currency issued by the Board of Commissioners of Currency, Malaya and British Borneo.
- (2) The Currency Interchangeability Agreement between Singapore and Malaysia since 1967 was dissolved on May 8, 1973 resulting in the redemption of Singapore currency circulating in Malaysia.

Source: Monetary Authority of Singapore

10.3 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	
1963	48.2	77.7	76.8	0.9	7.0	-36.7	43.7	14.2	-25.1	14.5
1964	11.4	92.8	61.0	31.8	3.8	8.4	-4.6	34.0	-69.7	19.9
1965	42.6	73.5	62.8	10.7	-2.6	0.9	-3.5	58.9	-30.6	7.1
1966	106.9	146.6	119.2	27.4	27.0	0.8	26.2	76.1	32.6	-55.4
1967	-20.6	97.5	341.2	-243.7	251.6	13.8	237.8	-90.7	69.8	6.2
1968	210.7	314.7	334.6	-19.9	358.0	27.1	330.9	52.3	-115.5	-37.1
1969	225.2	453.1	349.4	103.7	-105.7	-16.4	-89.3	87.9	175.5	-52.6
1970	230.4	540.2	297.1	243.1	78.0	31.9	46.1	153.5	-103.5	-108.8
1971	259.4	485.4	334.2	151.2	298.5	401.9	-103.4	531.5	-271.3	-48.6
1972	626.6	1,054.3	452.2	602.1	217.8	527.0	-309.2	891.5	-362.4	-195.4
1973	250.1	1,930.5	573.6	1,356.9	-234.8	385.7	-620.5	742.2	-592.5	-636.0

Notes: See notes to Table 10.2.

In the determination of Money Supply, discount houses which commenced operation from November 1972 are treated as part of the banking system.

- (1) Figures refer to net foreign assets of the Monetary Authority of Singapore and Board of Commissioners of Currency, Singapore.

Source: The Monetary Authority of Singapore

10.4 OFFICIAL FOREIGN ASSETS

(At end period)

Million Dollars

Year	Total Official Foreign Assets	Government (including Statutory Authorities)	Monetary Authorities (1) (including gold tranche)
1965	1,224.4	643.9	580.5
1966	1,399.4	757.6	641.8
1967	1,669.2	1,076.7	592.5
1968	2,186.6	1,545.3	641.3
1969	2,533.2	1,785.7	747.5
1970	3,099.8	2,201.4	898.4
1971	4,096.3	2,427.1	1,669.2
1972	4,930.9	2,469.9	2,460.9
1973	5,800.2	2,662.7	3,137.5

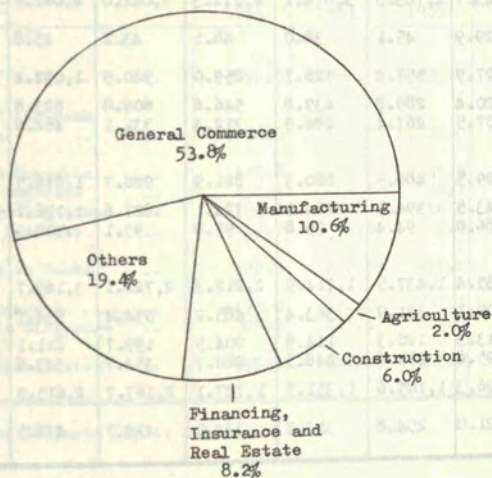
Notes: Valuation at cost.

(1) Figures refer to:

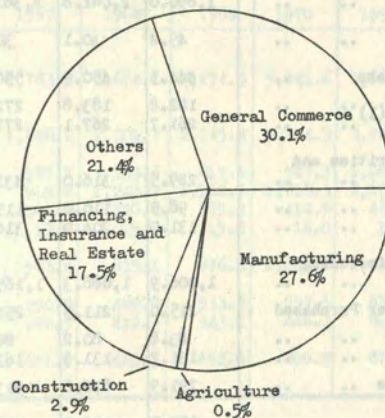
- (a) foreign assets of the Board of Commissioners of Currency, Singapore,
- (b) Singapore's estimated share of the foreign assets of the Board of Commissioners of Currency, Malaya and British Borneo up to April 1972, and
- (c) foreign assets of The Monetary Authority of Singapore from January 1971.

Source: Monetary Authority of Singapore

BANKS' LOANS AND ADVANCES TO NON-BANK CUSTOMERS BY INDUSTRIAL CLASSIFICATION



1963



1973

10.5 COMPOSITION OF ASSETS OF BANKS

(At end period)

Million Dollars

	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Total	1,890.0	2,081.8	2,381.7	2,643.7	2,783.5	3,674.1	4,274.3	5,041.6	6,062.9	8,182.7	10,648.9
Cash	49.4	30.1	30.2	29.9	45.1	38.0	48.1	43.2	45.8	62.8	70.4
Amounts Due from Banks ..	444.5	450.9	550.0	627.9	557.2	726.7	859.0	940.9	1,092.4	1,660.3	1,746.5
In Singapore	182.8	183.8	272.7	320.4	289.8	439.8	546.6	609.8	623.8	1,092.3	874.1
Outside Singapore ⁽¹⁾	261.7	267.1	277.3	307.5	267.4	286.9	312.4	331.1	468.6	568.0	872.4
Investments in Securities and Equities	229.5	316.0	431.5	429.5	488.9	880.3	821.9	920.7	1,276.5	1,438.2	1,156.7
In Singapore	98.5	110.0	115.1	143.5	394.5	784.5	724.1	827.6	1,176.2	1,324.5	1,066.7
Outside Singapore	131.0	206.0	316.4	286.0	94.4	95.8	97.8	93.1	100.3	113.7	90.0
Loans and Advances including Bills Financing	1,006.9	1,088.3	1,165.0	1,335.4	1,437.5	1,714.9	2,212.3	2,722.1	3,169.7	4,284.6	6,200.8
Bills Discounted or Purchased	215.0	211.5	251.1	309.1	331.9	363.4	485.2	554.4	554.7	719.4	1,054.3
External	83.8	80.2	88.1	113.3	120.3	114.9	204.5	199.7	211.1	293.4	418.2
Internal	131.2	131.3	163.0	195.8	211.6	248.5	280.7	354.7	343.6	426.0	636.1
Loans and Advances	791.9	876.8	913.9	1,026.3	1,105.6	1,351.5	1,727.1	2,167.7	2,615.0	3,565.2	5,146.5
All Other Assets	159.7	196.5	205.0	221.0	254.8	314.2	333.0	414.7	478.5	736.8	1,474.5

(1) Commencing March 1971 figures include Asia Currency Units.

Source: Monetary Authority of Singapore

10.6 COMPOSITION OF LIABILITIES OF BANKS

(At end period)

Million Dollars

	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Total	1,890.0	2,081.8	2,381.7	2,643.7	2,783.5	3,674.1	4,274.3	5,041.6	6,062.9	8,182.7	10,648.9
Deposits of Non-bank Customers ..	1,092.0	1,137.2	1,222.0	1,412.1	1,828.2	2,309.7	2,745.4	3,194.9	3,745.8	4,736.7	5,799.8
Demand Deposits ..	442.8	423.8	446.8	520.3	587.7	733.6	811.6	947.7	1,082.9	1,557.4	1,786.2
Fixed Deposits ..	437.5	483.6	548.7	634.2	919.2	1,240.2	1,562.9	1,818.3	2,167.8	2,550.2	3,264.8
Savings Deposits ..	193.8	209.2	216.8	241.3	302.1	320.6	355.3	412.9	480.4	602.8	708.5
Other Deposits ..	17.9	20.6	9.7	16.3	19.2	15.3	15.6	16.0	14.7	26.3	40.3
Amounts Due to Banks ..	502.6	627.6	852.1	865.3	583.4	839.1	876.3	1,045.8	1,438.3	2,361.9	3,063.0
In Singapore ..	193.0	172.2	237.2	276.7	290.9	426.8	533.2	599.5	635.6	1,104.3	964.9
Outside Singapore (1) ..	309.6	455.4	614.9	588.6	292.5	412.3	343.1	446.3	802.7	1,257.6	2,098.1
All Other Liabilities ..	295.4	317.0	307.6	366.3	371.9	525.3	652.6	800.9	878.8	1,084.1	1,786.1

(1) See footnote (1) to Table 10.5.

Source: Monetary Authority of Singapore

10.7 BANKS' LOANS AND ADVANCES TO NON-BANK CUSTOMERS BY INDUSTRIAL CLASSIFICATION

(At end period)

Million Dollars

	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Total	791.9	876.8	913.9	1,026.3	1,105.6	1,351.5	1,727.1	2,167.7	2,615.0	3,565.2	5,146.5
Singapore Government and Other Public Authorities	0.4	0.7	0.5	2.7	0.9	-	-	0.5	-	0.3	-
Agriculture	16.3	23.8	11.1	21.8	13.5	14.8	16.4	25.1	23.8	22.4	25.3
Mining and Quarrying ..	5.9	5.3	5.6	8.2	7.9	11.0	11.9	16.2	14.4	8.6	8.0
Manufacturing	83.6	118.4	157.2	183.2	236.5	359.9	447.5	738.5	822.4	1,071.3	1,418.1
Construction	47.2	59.5	80.3	99.0	49.6	41.1	48.1	49.7	54.0	79.5	148.0
General Commerce	425.9	423.4	439.2	467.6	493.5	518.7	629.7	678.6	818.5	988.2	1,549.3
Transport, Storage and Communication	21.2	19.6	6.3	7.2	10.9	12.1	23.7	33.1	62.7	154.0	237.7
Financing, Insurance and Real Estate	65.0	65.2	31.0	39.4	107.6	139.2	174.9	211.0	328.5	610.5	901.6
Others	126.4	160.9	182.7	197.2	185.2	254.7	374.9	415.0	490.7	630.4	858.5

Source: Monetary Authority of Singapore

10.8 LIFE INSURANCE: POLICIES IN FORCE, NEW POLICIES, POLICIES DISCONTINUED

			Thousand Dollars						
			1966	1967	1968	1969	1970	1971	1972
Policies in Force: (at end period)									
Amount insured	..	..	385,426	433,469	476,037	527,181	627,798	812,831	1,046,766
Premiums	..	..	19,625	21,723	23,505	25,488	28,898	35,044	42,226
New Policies:									
Amount insured	..	..	84,795	85,947	90,823	108,759	155,424	253,290	330,065
Premiums	..	..	3,880	3,845	4,191	4,671	5,980	9,112	10,908
Policies Discontinued:									
Amount insured	..	..	49,910	37,904	48,255	57,615	54,807	68,257	95,870
Premiums	..	..	2,171	1,746	2,409	2,689	2,570	2,966	3,710

Source: Commissioner for Insurance

10.9 LIFE INSURANCE: SUMMARY OF REVENUE AND EXPENDITURE ACCOUNT

Thousand Dollars

	1966	1967	1968	1969	1970	1971	1972
Revenue: Total.. ..	110,294	122,585	137,238	154,489	171,233	194,952	227,885
Balance of Revenue Account							
at beginning of year ..	82,384	89,572	104,061	117,924	129,617	147,832	165,053
Premiums	21,002	21,676	23,114	25,949	29,410	34,222	41,083
Net interest etc.	6,605	7,673	8,309	8,488	9,598	10,296	11,770
Miscellaneous	303	3,664	1,754	2,128	2,608	2,602	9,979
Expenditure: Total	110,294	122,585	137,238	154,489	171,233	194,952	227,885
Claims (by death, disability							
and by maturity)	4,074	5,023	5,225	6,009	6,379	8,877	9,520
Surrenders	2,798	3,259	3,109	3,607	4,005	3,799	4,575
Cash bonuses paid and annuities	1,063	1,041	1,288	1,681	1,626	1,594	1,865
Management expenses:							
Commission	3,521	3,346	3,492	4,088	4,976	6,515	8,037
Salaries	1,756	1,590	1,674	1,767	1,846	2,326	2,601
Other expenses	2,493	2,132	2,482	2,629	2,892	3,993	4,509
Miscellaneous	5,017	2,133	2,044	5,091	1,677	2,793	4,573
Balance of Revenue Account							
at end of year	89,572	104,061	117,924	129,617	147,832	165,055	192,205

Source: Commissioner for Insurance

10.10 ASSETS OF LIFE INSURANCE COMPANIES

(At end period)

Thousand Dollars

				1966	1967	1968	1969	1970	1971	1972
Total	..	..	..	103,083	115,896	133,134	144,972	164,532	185,895	221,054
Fixed Assets:	..	..	..	11,722	11,460	12,439	12,599	14,121	15,627	18,861
Property	..	..	..	11,240	11,050	12,096	12,285	13,794	15,283	18,384
Furniture	..	..	..	482	410	343	314	327	344	477
Loans:	..	..	..	24,796	25,846	26,795	27,270	29,754	30,750	33,430
On Mortgages	..	..	..	14,295	14,338	14,353	14,024	15,120	14,650	16,004
On Policies	..	..	..	9,912	10,904	11,946	13,029	14,416	15,865	17,087
Other	..	..	..	589	604	496	217	218	235	339
Investments:	..	..	..	51,471	64,837	75,385	87,037	95,229	108,451	123,387
Government and Statutory Authorities	..	..	..	19,645	25,603	37,516	48,542	51,378	55,652	65,266
Debentures and Shares	..	..	..	31,826	39,234	37,869	38,495	43,851	52,799	58,121
Cash and Deposits	..	..	..	11,681	9,769	14,274	12,837	18,892	22,062	33,145
Miscellaneous (including outstanding premiums)	..	..	..	3,413	3,984	4,241	5,229	6,536	9,005	12,231

Source: Commissioner for Insurance

10.11 GENERAL INSURANCE: PREMIUMS AND CLAIMS

Thousand Dollars

	1966	1967	1968	1969	1970	1971	1972
Net Premiums ⁽¹⁾ : Total ..	37,145	41,257	47,331	56,433	67,953	84,836	106,699
Marine, Aviation or Transit	7,523	8,535	9,714	12,126	14,345	16,377	18,499
Other:	29,622	32,722	37,617	44,307	53,608	68,459	88,200
Fire	6,022	6,621	7,683	8,870	10,743	13,634	15,824
Motor Vehicles	15,408	17,359	19,718	22,637	25,982	29,394	34,256
Miscellaneous	8,192	8,742	10,216	12,800	16,883	25,431	38,120
Net Claims ⁽²⁾ : Total ..	15,411	16,843	17,087	19,233	23,432	27,821	35,580
Marine, Aviation or Transit	3,631	4,418	4,561	5,024	6,128	7,159	8,718
Other:	11,780	12,425	12,526	14,209	17,304	20,662	26,862
Fire	667	1,001	985	757	1,385	2,498	3,524
Motor Vehicles	8,816	8,825	9,228	10,386	11,884	13,890	16,463
Miscellaneous	2,297	2,599	2,313	3,066	4,035	4,274	6,875

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

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

Source: Commissioner for Insurance

10.12 GENERAL INSURANCE: SUMMARY OF REVENUE AND EXPENDITURE ACCOUNT

Thousand Dollars

	1966	1967	1968	1969	1970	1971	1972
Revenue: Total	76,835	84,602	95,580	113,327	137,356	170,064	214,916
Balance of Revenue Account at beginning of year ..	4,069	5,674	6,893	7,666	7,702	10,437	8,020
Reserves at beginning of year	16,411	17,480	19,272	21,867	26,218	31,107	39,619
Provision for outstanding claims	11,945	12,611	14,682	18,190	22,681	28,188	35,778
Premiums	37,145	41,256	47,331	56,433	67,953	84,836	106,699
Net interest etc.	2,114	2,392	2,581	2,798	3,678	4,398	5,322
Miscellaneous	5,151	5,189	4,821	6,373	9,124	11,098	19,478
Expenditure: Total	76,835	84,602	95,580	113,327	137,356	170,064	214,916
Claims (paid, admitted or intimated and not paid) ..	27,944	31,574	35,230	41,914	51,620	63,599	88,815
Management expenses:							
Commission	10,021	11,590	13,075	15,389	18,320	22,476	27,879
Other expenses	9,793	10,613	11,639	12,982	15,537	17,900	22,833
Miscellaneous	6,002	4,487	6,750	9,123	10,296	18,450	20,573
Balance of Revenue Account at end of year	5,582	6,947	7,123	7,702	10,436	8,020	5,546
Reserves at end of year ..	17,493	19,391	21,763	26,217	31,147	39,619	49,270

Source: Commissioner for Insurance

10.13 ASSETS OF GENERAL INSURANCE COMPANIES

(At end period)

Thousand Dollars

				1966	1967	1968	1969	1970	1971	1972
Total	..	..	..	53,146	59,157	65,724	74,944	89,962	107,412	137,030
Fixed Assets	..	..	..	13,276	13,161	13,404	13,454	15,402	19,840	20,780
Property										
Furniture			{							
Loans	..	..	..	2,637	3,053	2,740	1,570	2,504	2,070	2,182
On Mortgages										
On Policies			{							
Other										
Investments	..	..	..	13,645	16,446	22,836	26,606	29,633	36,386	46,059
Government and Statutory										
Authorities	..	..		8,122	8,205	13,097	14,972	16,524	19,598	25,617
Debentures and Shares	..	..		5,523	8,241	9,739	11,634	13,109	16,788	20,442
Cash and Deposits	..	..		16,014	18,299	18,840	24,068	31,165	33,853	47,349
Miscellaneous	..	..		7,574	8,198	7,904	9,246	11,258	15,263	20,660

Source: Commissioner for Insurance

10.14 POST OFFICE SAVINGS BANK: DEPOSITS AND WITHDRAWALS

	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Number of Depositors(1)	235,469	241,667	247,082	252,033	260,392	278,549	447,445	508,933	554,775	622,714	731,956
Amount Deposited (\$'000)	21,648.7	18,004.7	17,586.7	19,856.1	18,521.9	22,869.6	38,167.0	45,064.9	57,778.9	87,317.0	135,915.3
Amount Withdrawn (\$'000)	22,458.3	21,559.9	20,521.6	19,438.9	19,217.5	19,223.9	25,171.0	32,569.4	42,342.5	57,525.7	95,809.2
Total Amount Due to Depositors (\$'000)(1)	43,315.6	40,745.6	38,820.2	37,419.5	37,778.7	42,838.4	57,712.4	72,661.1	91,241.8	125,166.1	170,876.9

(1) At end period.

Source: Post Office Savings Bank

10.15 CENTRAL PROVIDENT FUND BOARD: CONTRIBUTIONS AND WITHDRAWALS

Thousand Dollars

	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Amount Contributed	37,646.2	42,467.7	46,909.2	51,461.8	55,837.6	67,975.2	106,567.5	156,355.1	223,606.8	330,782.7	474,725.6
Amount Withdrawn	5,824.8	7,593.2	9,846.6	12,918.2	16,516.7	30,737.2	42,390.1	45,672.0	56,381.8	57,869.5	93,487.4
Total Amount Due to Members(1)	258,159.8	306,287.7	359,023.6	415,856.2	477,315.5	539,707.4	632,160.3	777,489.2	987,881.3	1,316,011.9	1,770,664.8

(1) At end period.

Source: Central Provident Fund Board

11. PUBLIC FINANCE

Government Revenue and Expenditure

The summary data on Government revenue and expenditure are compiled from the detailed Budget Estimates of the Government.

The details of revenue are classified according to broad groups of taxes, other forms of revenue from sales of goods and services and earnings of interest and dividends, etc. The classification of expenditure is on a broad functional basis. The main revenue-collecting departments are the Customs and Excise Department which is responsible for the collection of customs and excise duties on liquor, tobacco and petroleum and other protective duties as well as entertainment duties; and the Inland Revenue Department which is responsible for the collection of taxes on income and property, estate and stamp duties, and duties on sweepstakes and lotteries. The latter department also collects radio and television licence fees. Revenue collected by the two departments jointly accounted for 65 per cent of the total revenue in 1973.

The rate of personal income tax is progressive in Singapore and the tax assessment for the current year is based on the previous year's chargeable

income after the appropriate deductions have been made. Deductions include allowances for personal relief, earned income, and for 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 many countries which have trading and other interests in Singapore.

All Government revenue is credited to the Consolidated Fund and all expenditure is paid out of the Fund.

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. Thus, the expenditure figures for

this period are not comparable with those of the other years.

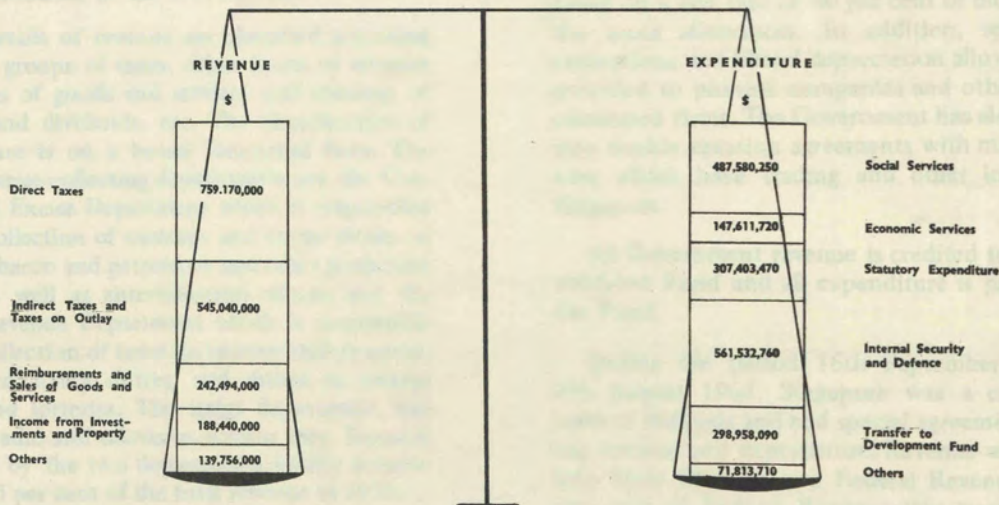
Development Fund

The Development Fund was established in 1960 and receipts from revenue allocation for

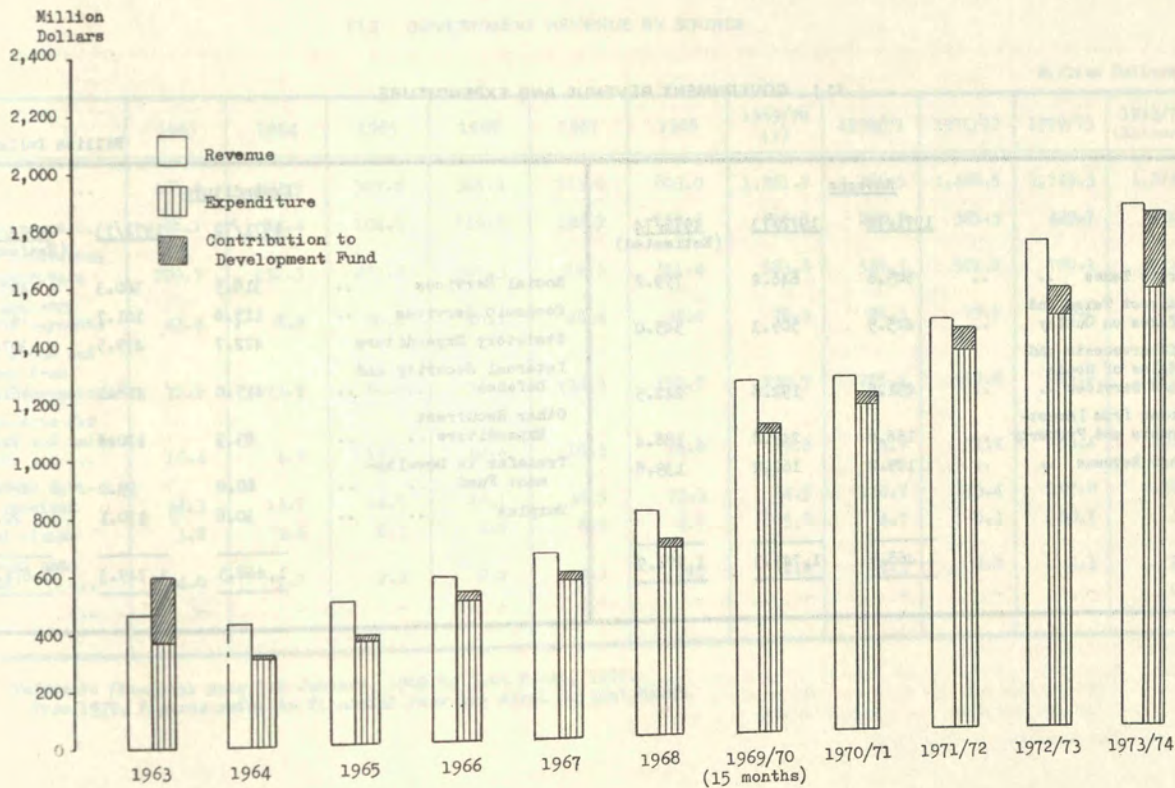
development, loans and grants, and other sources available for development financing are credited to this account. All payments for development expenditure by the Government and of loans to statutory authorities to finance part of their development needs are paid out of this Fund.

ESTIMATES OF GOVERNMENT REVENUE AND EXPENDITURE

1973/74



GOVERNMENT REVENUE AND EXPENDITURE



11.1 GOVERNMENT REVENUE AND EXPENDITURE

Million Dollars

<u>Revenue</u>					<u>Expenditure</u>			
		<u>1971/72</u>	<u>1972/73</u>	<u>1973/74</u> (Estimated)		<u>1971/72</u>	<u>1972/73</u>	<u>1973/74</u> (Estimated)
Direct Taxes		505.6	646.2	759.2	Social Services ..	318.5	360.3	487.6
Indirect Taxes and Taxes on Outlay ..		425.5	505.3	545.0	Economic Services ..	115.6	101.7	147.6
Reimbursements and Sales of Goods and Services		251.6	192.8	242.5	Statutory Expenditure	422.7	479.5	307.4
Income from Invest- ments and Property ..		156.6	242.8	188.4	Internal Security and Defence	415.0	428.1	561.5
Other Revenue		129.2	162.2	139.8	Other Recurrent Expenditure	85.9	110.6	71.8
					Transfer to Develop- ment Fund	80.0	99.0	278.5
					Surplus	30.8	170.1	20.5
		<u>1,468.5</u>	<u>1,749.3</u>	<u>1,874.9</u>		<u>1,468.5</u>	<u>1,749.3</u>	<u>1,874.9</u>

11.2 GOVERNMENT REVENUE BY SOURCE

	Million Dollars										
	1963	1964	1965	1966	1967	1968	1969/70 (1)	1970/71	1971/72	1972/73	1973/74 (Estimated)
Total	469.6	432.9	507.6	585.2	663.0	803.0	1,261.2	1,266.5	1,468.5	1,749.3	1,874.9
Taxes on income ..	86.1	94.4	104.9	110.5	122.9	157.6	236.5	261.7	325.3	429.7	520.0
Taxes on production and expenditure	209.7	232.3	257.8	307.3	319.3	361.4	583.8	535.7	591.2	720.9	771.7
Other compulsory transfer payments	43.4	8.9	20.0	20.1	28.4	36.0	70.3	91.3	79.5	88.1	77.3
Sales of goods and services from current operations	71.9	73.9	80.3	94.0	126.3	150.7	238.5	225.2	270.6	245.0	243.0
Reimbursements for services and sales of lands ..	16.4	4.9	19.0	20.4	16.3	16.8	39.8	34.7	71.2	55.4	108.7
Interest and dividends received	34.3	13.7	14.9	26.1	38.9	73.3	84.5	110.7	123.4	187.2	148.9
Financial claims	3.8	3.6	8.3	4.6	6.6	4.7	5.8	4.7	5.3	20.7	3.9
Overpayment and refunds ..	4.0	1.2	2.4	2.2	4.3	2.5	2.0	2.5	2.0	2.3	1.1
Others ..	-	-	-	-	-	-	-	-	-	-	0.3

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

11.3 GOVERNMENT EXPENDITURE BY TYPE OF SERVICES

Million Dollars

	1963	1964	1965	1966	1967	1968	1969/70	1970/71	1971/72	1972/73	1973/74 (Estimated)
Total	600.8	325.8	391.8	530.3	592.1	702.0	1,101.5	1,206.5	1,437.7	1,579.2	1,854.4
General Services:											
General Admini- stration ..	40.0	33.3	34.9	71.2	87.7	65.3	66.5	89.3	63.8	73.9	105.2
Defence, Justice and Police ..	46.5	1.0	19.7	74.4	86.2	123.5	305.4	333.3	424.9	437.6	582.9
Social Services:											
Education ..	96.3	104.6	115.1	126.4	137.7	149.8	202.0	177.6	191.1	206.5	268.1
Health ..	62.7	64.3	68.0	69.9	73.0	74.7	97.7	82.8	86.3	101.1	111.4
Social Security, Specific Welfare and other Social Services ..	32.0	35.7	30.7	33.7	33.8	27.1	34.5	35.6	27.6	38.2	58.7
Economic Services:											
Agriculture, Manu- facturing and Construction ..	4.4	4.2	4.4	4.7	5.2	5.4	8.2	14.3	24.9	22.5	15.4
Transport, Storage and Communication Other Economic Services ..	22.2	1.7	12.1	28.9	31.4	32.3	43.9	39.2	47.3	31.7	38.2
Community Services	9.5	8.1	8.7	8.9	9.2	11.3	12.7	18.4	20.7	21.6	19.2
Community Services	14.0	12.7	14.0	15.9	16.4	16.8	20.8	15.6	15.4	17.9	65.8
Unallocable ..	273.2	60.2	84.2	96.3	111.5	195.8	309.8	400.4	535.7	628.2	589.5

Notes: During the period 16th September 1963 to 8th August 1965, Singapore was a constituent state of Malaysia. The expenditure for 1964 and 1965 refer to that of departments dealing with State responsibilities only and are therefore not comparable with other years.

See footnote to Table 11.2.

11.4 DEVELOPMENT FUND: RECEIPTS AND EXPENDITURE

Million Dollars

Year	Balance (Beginning of Financial Year)	Receipts				Expenditure			
		Total	From Con- solidated Revenue Account	From Con- solidated Loan Account	Other	Total	Government Development Expenditure	Loans to Statutory Boards and Enterprises	Other
1963	141.7	310.3	230.0	64.5	15.8	139.4	58.7	79.3	1.4
1964	312.6	102.4	16.0	57.2	29.2	168.0	57.6	108.4	2.0
1965	247.0	117.1	20.0	64.5	32.6	184.4	68.3	114.0	2.1
1966	179.7	175.7	30.0	99.3	46.4	214.4	115.3	98.7	0.4
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	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 (Estimated)	1,112.2	1,158.5	278.5	680.0	200.0	1,177.2	356.6	820.6	-

Notes: See footnote to Table 11.2.

Source: Accountant-General

11.5 REVENUE COLLECTED BY CUSTOMS AND EXCISE DEPARTMENT

Thousand Dollars

Year	Total	Liquors	Tobacco	Petroleum	Entertainment Duties	Protective Duties	Film Hire Duty	Others
1963	126,529	31,093	45,310	38,901	7,614	679	1,432	1,500
1964	131,477	33,671	45,407	41,718	6,713	656	1,289	2,023
1965	165,858	37,661	47,076	53,200	7,424	4,116	1,285	15,096
1966	186,408	40,536	46,846	55,730	8,448	16,923	1,461	16,464
1967	187,723	43,518	47,153	53,134	8,559	17,255	1,503	16,601
1968	213,695	51,398	58,259	57,195	9,188	20,579	1,644	15,432
1969	239,385	50,146	62,390	64,269	9,583	34,899	1,736	16,362
1970	282,978	60,020	69,753	74,144	10,585	47,835	1,982	18,659
1971	302,882	65,478	67,857	82,306	11,388	54,528	2,117	19,208
1972	335,553	70,572	74,181	92,407	13,585	61,700	2,444	20,664
1973	423,490	91,786	93,468	107,807	14,454	90,296	2,536	23,143

Source: Customs and Excise Department

11.6 REVENUE COLLECTED BY INLAND REVENUE DEPARTMENT

Thousand Dollars

Year	Total	Income Tax	Property Tax	Estate Duties	Stamp Duties	Payroll Tax	Bets, Sweepstakes and Private Lotteries	Radio and Television Licensing Fees	Others(1)
1963	159,226	87,972	49,229	6,962	6,760	-	5,884	2,112	347
1964	175,855	93,111	61,915	5,040	7,060	-	5,681	2,707	341
1965	186,827	100,230	55,441	7,784	6,310	7,333	5,709	3,609	411
1966	217,979	112,848	73,084	5,010	6,414	9,568	6,265	4,449	341
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	674,456	403,971	155,136	19,131	40,780	25,068	13,953	8,670	7,747
1973	931,012	562,086	200,216	24,101	75,473	35,229	16,391	9,337	8,179

(1) Figures include revenue from sale of Revenue Stamps, Rubber Estates Duties and Hotel Cess.
Prior to 1st November, 1968, Hotel Cess was collected by the Tourist Promotion Board and since 1st April, 1970, this was taken over by the Customs and Excise Department.

Source: Inland Revenue Department

11.7 ASSESSED INCOME AND TAX ASSESSED: INDIVIDUALS
(Year of Assessment 1971)

Assessed Income Groups \$	Number of Taxpayers		Assessed Income \$'000		Tax Assessed \$'000	
	Resident	Non-Resident	Resident	Non-Resident	Resident	Non-Resident
Total	117,802	5,825	1,180,337	26,315	111,391	8,581
6,000 and below	50,864	4,768	219,674	7,614	3,342	2,556
6,001 - 8,000	21,389	280	149,426	1,931	3,259	617
8,001 - 10,000	13,403	200	119,987	1,814	3,792	546
10,001 - 15,000	15,976	236	191,547	2,880	9,593	878
15,001 - 20,000	6,059	109	104,083	1,931	8,178	596
20,001 - 30,000	5,095	102	122,850	2,515	13,902	721
30,001 - 50,000	3,276	72	123,381	2,722	20,672	898
50,001 - 100,000	1,431	47	94,981	3,324	25,571	1,192
100,001 - 200,000	248	10	31,642	1,348	12,181	483
200,001 and over	61	1	22,766	236	10,901	94

Notes: Figures refer to assessments made during the period 1.1.71 to 31.12.72 (24 months).

Source: Inland Revenue Department

11.8 ASSESSED INCOME AND TAX ASSESSED: INDIVIDUALS
(Year of Assessment 1972)

Assessed Income Groups \$	Number of Taxpayers		Assessed Income \$'000		Tax Assessed \$'000	
	Resident	Non-Resident	Resident	Non-Resident	Resident	Non-Resident
Total	121,465	4,675	1,333,457	23,096	129,612	8,076
6,000 and below	44,156	3,789	204,567	6,108	3,142	2,186
6,001 - 8,000	23,831	243	166,359	1,692	3,702	568
8,001 - 10,000	14,920	150	133,565	1,358	4,122	435
10,001 - 15,000	18,871	191	226,722	2,309	11,213	778
15,001 - 20,000	7,443	101	128,184	1,719	9,987	539
20,001 - 30,000	6,249	102	151,037	2,503	16,943	782
30,001 - 50,000	3,904	47	146,821	1,827	24,459	617
50,001 - 100,000	1,704	31	113,469	2,139	30,641	836
100,001 - 200,000	327	16	42,641	2,277	16,399	906
200,001 and over	60	5	20,092	1,164	9,004	429

Notes: Figures refer to assessments made during the period 1.1.72 to 31.3.73 (15 months).

Source: Inland Revenue Department

11.9 RATES OF TAX ON RESIDENT INDIVIDUALS AND PERSONAL ALLOWANCES

							Rate of Tax (%)
For every dollar of first	\$ 2,500	..	..	..	..	..	6
For every dollar of next	2,500	..	..	..	..	..	9
For every dollar of next	2,500	..	..	..	..	..	12
For every dollar of next	2,500	..	..	..	..	..	15
For every dollar of next	5,000	..	..	..	..	..	20
For every dollar of next	5,000	..	..	..	..	..	23
For every dollar of next	5,000	..	..	..	..	..	25
For every dollar of next	10,000	..	..	..	..	..	30
For every dollar of next	15,000	..	..	..	..	..	40
For every dollar of next	50,000	..	..	..	..	..	50
For every dollar exceeding	100,000	..	..	..	..	..	55
Personal Allowances							(\$)
Single person		..	..	..	..	..	2,000
Married couple		..	..	..	..	..	3,000
Married couple with one child	..	..	..	..	..	..	3,750
Married couple with two children	..	..	..	..	..	..	4,250
Married couple with three children	..	..	..	..	..	..	4,750
Married couple with four children	..	..	..	..	..	..	5,050
Married couple with five children	..	..	..	..	..	..	5,350

Source: Inland Revenue Department

12. PRICES

Consumer Price Index

The Consumer Price Index, as shown in Table 12.1, was compiled on the basis of a list of items and weighting pattern derived from the Household Expenditure Survey conducted in 1956/57 and updated to April/May 1960 prices. However, with changes in income levels, tastes, standards of living and the availability of new types of goods and services, the 1960 basket of goods and services is no longer representative of current day expenditure pattern. To compile a new series of consumer price indexes based on an up-to-date basket of goods and services, a Household Expenditure Survey was conducted from June 1972 to May 1973. The records of expenditure of 3,114 households whose monthly expenditure level was between \$100 and \$999 were ultimately used as the weighting pattern. This weighting pattern also differs from the 1956/57 pattern in classification. For example, the 1972/73 weights for "Food" include "Beverage" which was classified under "Miscellaneous" in the 1956/57 pattern. On the other hand the 1972/73 weights for "Miscellaneous" include "Laundry" which was classified

under "Clothing" in 1956/57. Table 12.2 shows the new Consumer Price Index with November 1972 as base for the period January to December 1973. The index is computed as a weighted arithmetic average of price relatives for each month 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 which are not normally subject to frequent fluctuations are checked half-yearly and yearly.

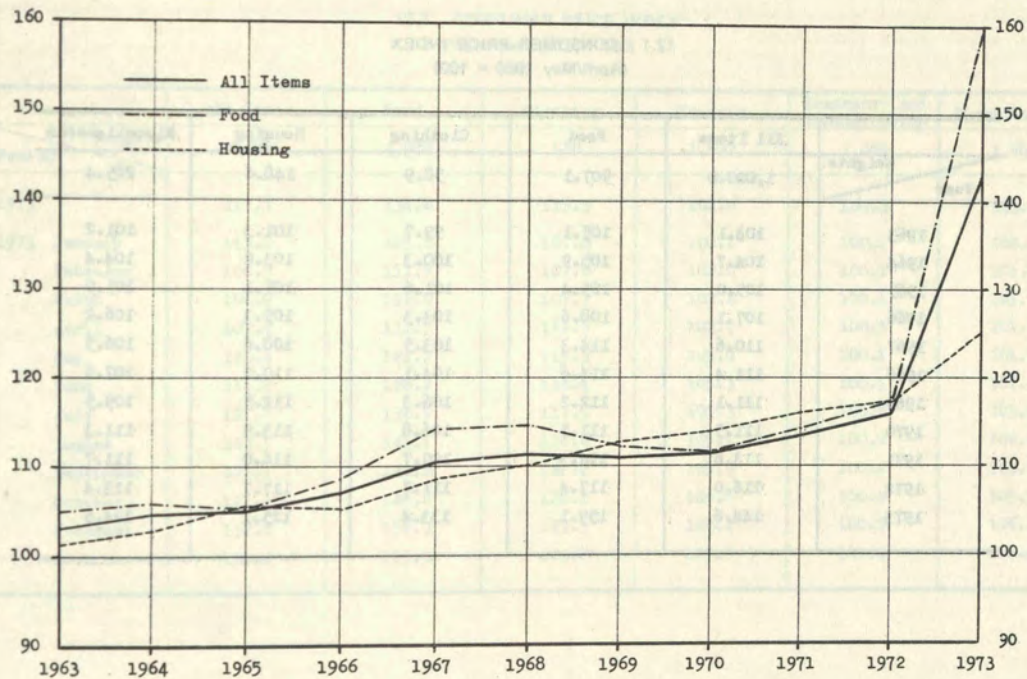
The published average retail prices of selected foodstuffs provide data on the main food items for which prices are collected regularly for the purpose of compiling the Consumer Price Index.

Wholesale Prices

Wholesale prices of rubber are supplied weekly by the Rubber Association of Singapore. For other types of produce, weekly prices were, prior

to 1971, obtained from the Singapore International Chamber of Commerce and since then from the Singapore Chinese Produce Exchange. The annual prices are derived from simple averages of weekly prices.

CONSUMER PRICE INDEX
(April/May 1960 = 100)



12.1 CONSUMER PRICE INDEX
(April/May 1960 = 100)

Year \ Weights	All Items	Food	Clothing	Housing	Miscellaneous
	1,000.0	507.1	58.9	148.6	285.4
1963	103.1	105.1	99.7	101.3	101.2
1964	104.7	105.9	100.3	103.0	104.4
1965	105.0	105.4	101.6	105.1	105.0
1966	107.1	108.6	103.3	105.3	106.2
1967	110.6	114.3	103.5	108.6	106.5
1968	111.4	114.6	104.1	110.2	107.8
1969	111.1	112.2	106.3	112.5	109.5
1970	111.5	111.5	106.8	113.9	111.3
1971	113.6	114.3	109.7	116.0	111.7
1972	116.0	117.4	111.7	117.7	113.4
1973	142.6	159.1	133.4	125.1	124.5

12.2 CONSUMER PRICE INDEX

(November 1972 = 100)

Period	Weights	All Items	Food	Clothing	Housing	Transport and Communication	Miscellaneous
		10,000	4,902	588	1,637	1,069	1,804
1973		117.7	131.4	115.5	104.6	100.3	103.3
1973	January	103.0	105.8	101.6	100.1	100.1	100.1
	February	106.5	111.9	102.8	102.0	100.1	101.0
	March	106.9	112.0	107.7	102.4	100.1	101.2
	April	107.6	112.5	112.9	102.7	100.1	101.6
	May	112.4	121.2	115.3	105.0	100.1	101.8
	June	116.2	128.2	116.4	105.3	100.1	102.8
	July	121.7	138.9	117.5	105.3	100.2	103.9
	August	123.1	141.1	120.6	105.7	100.2	104.2
	September	123.1	140.8	121.2	105.9	100.2	104.8
	October	127.3	148.8	122.2	106.0	100.2	105.9
	November	132.8	159.3	123.5	107.2	100.2	106.1
	December	131.4	155.9	124.8	107.5	101.4	106.4

12.3 WHOLESALE PRICES OF STRAITS PRODUCE

Year	Rubber Ribbed Smoked Sheet				Rubber Crepe			Tin	Coffee A.P. 1	Pepper		Coconut Oil, Crude in Drums	Palm Oil
	R.S.S. Int. 1	R.S.S. Int. 2	R.S.S. Int. 3	R.S.S. Int. 4	Int. 1 Thin Pale Crepe	Int. IX Thin Brown Crepe	Int. 3 Thick Blanket Crepe (Amber)			Black Lampong	White Muntok Genuine		
	Cts. per kilogram (f.o.b.)									\$ per picul (f.o.b.)			
1963	159.66	160.61	158.95	156.40	179.72	146.37	144.42	455.40	91.23	113.81	152.87	48.39	589.68
1964	150.18	151.90	150.64	148.92	161.00	140.43	139.77	619.42	137.04	132.07	152.32	54.29	651.70
1965	154.61	154.94	153.73	151.17	147.88	162.27	125.35	702.80	99.52	..	184.67	61.74	753.88
1966	144.51	142.86	140.87	138.93	153.99	136.49	..	645.23	113.03	..	195.72	48.23	641.86
1967	119.42	116.60	113.76	110.87	125.68	105.12	90.68	600.09	103.43	112.21	145.44	50.87	624.03
1968	116.93	114.46	112.83	111.42	136.91	107.94	103.26	565.54	101.41	109.05	123.91	57.83	446.85
1969	153.62	152.38	150.84	149.21	167.24	139.99	136.20	625.76	95.92	151.59	155.06	52.54	441.49
1970	124.69	121.76	119.60	117.62	138.67	116.98	115.21	665.10	112.54	221.19	179.95	59.02	649.53
1971	102.22	95.39	93.36	91.97	126.72	91.57	93.09	630.70	117.31	186.45	190.20	55.01	658.38
1972	93.65	89.87	88.44	86.95	96.22	85.84	84.83	626.24	99.88	144.21	195.00	38.68	499.98
1973	166.82	159.65	158.18	155.28	182.69	163.53	147.86	683.36	140.63	165.68	247.35	72.45	518.17

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

12.4 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	Deodorized oil	Tenggiri 'Bekah'	Kunning
	per kati		400 gm	kati	per lb.		per kati		14 oz.	per 10	5 kati		per kati
1963	.34	.23	.26	.34	1.39	1.91	2.08	1.88	.59	1.02	3.51	1.28	.68
1964	.33	.24	.26	.34	1.41	1.99	2.09	1.84	.63	1.04	3.51	1.31	.65
1965	.33	.25	.26	.35	1.45	1.97	2.15	1.79	.65	1.01	3.56	1.33	.61
1966	.36	.24	.26	.39	1.42	1.98	2.36	1.85	.65	1.10	3.57	1.34	.60
1967	.45	.24	.27	.44	1.46	1.99	2.37	1.80	.64	.98	3.57	1.33	.59
1968	.45	.24	.27	.47	1.47	2.21	2.39	1.71	.62	.98	3.61	1.30	.48
1969	.40	.24	.27	.44	1.45	2.04	2.34	1.60	.55	.92	3.61	1.41	.54
1970	.37	.24	.27	.45	1.45	2.00	2.41	1.63	.50	.94	3.63	1.44	.64
1971	.33	.25	.30	.45	1.46	2.17	2.49	1.61	.55	.98	3.96	1.59	.65
1972	.35	.26	.30	.44	1.49	1.80	2.75	1.71	.60	1.05	3.99	1.72	.71
1973	.81	.36	.35	.71	2.45	2.53	3.87	1.92	.68	1.26	4.47(1)	1.94	.89

(1) Price for 1973 refers to 4 kati tin.

12.4 AVERAGE RETAIL PRICES OF SELECTED FOODSTUFFS (continued)

Dollars													
Year	Fish		Vegetables				Fruits				Miscellaneous		
	Parang (out)	Dried prawns	Cabbage	Spinach	Red chillies	Cucumber	Pine- apple	Apple	Orange	Bananas (emas)	Sugar	Coffee powder	Ceylon tea
	per kati						each			per kati			$\frac{1}{2}$ lb. pkt.
1963	1.48	2.50	.32	.21	.87	.26	.26	.20	.20	.30	.42	1.98	1.50
1964	1.51	2.56	.49	.23	.95	.26	.25	.20	.20	.29	.37	2.24	1.50
1965	1.52	2.51	.41	.22	.84	.26	.24	.20	.20	.28	.32	2.22	1.50
1966	1.54	2.53	.44	.22	1.03	.27	.29	.21	.20	.29	.30	2.24	1.50
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	.17	.21	.30	.44	2.54	1.52

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

13. NATIONAL INCOME AND BALANCE OF PAYMENTS

Expenditure on Consumption and Gross Capital Formation

Estimates of expenditure on consumption and gross capital formation comprise consumption expenditure on goods and services by households, private non-profit making institutions and Government; and gross capital formation.

Private consumption expenditure on goods and services is compiled mainly from the estimates of retained imports and domestic production of goods locally consumed as well as services purchased. Data on retail prices and trade mark-ups are used to calculate estimates of expenditure at market value. Government consumption expenditure is derived from the financial accounts of the Government.

Estimates of gross capital formation are compiled from the estimates of retained imports of machinery and equipment and expenditure on buildings, other construction and works. Data on trade mark-ups are also used to calculate the estimates of expenditure on machinery and equipment at market value. In the case of expenditure on buildings, other construction and works, the

estimates are based on data obtained from annual enquiries.

Estimates of expenditure on consumption and gross capital formation are available only at current prices.

Gross Domestic Product

Estimate of gross domestic product by industrial origin are compiled largely from local production and external trade statistics and the detailed accounts of statutory authorities and the Government. In addition, some of the basic data compiled for the estimation of expenditure on consumption and gross capital formation and balance of payments are used. Both the product approach and the income approach are used in deriving estimates of the contribution of the various industrial sectors to the gross domestic product, depending on the nature of the basic information available.

Data are not available for the separate estimation of the contribution of the transport, storage and communications, the financial, and the services sectors. Their contributions have, therefore,

been estimated on an aggregate basis and are included under the 'Other Services' sector.

Balance of Payments

The estimates of balance of payments are compiled from available data on external transactions between the residents of Singapore and the rest of the world.

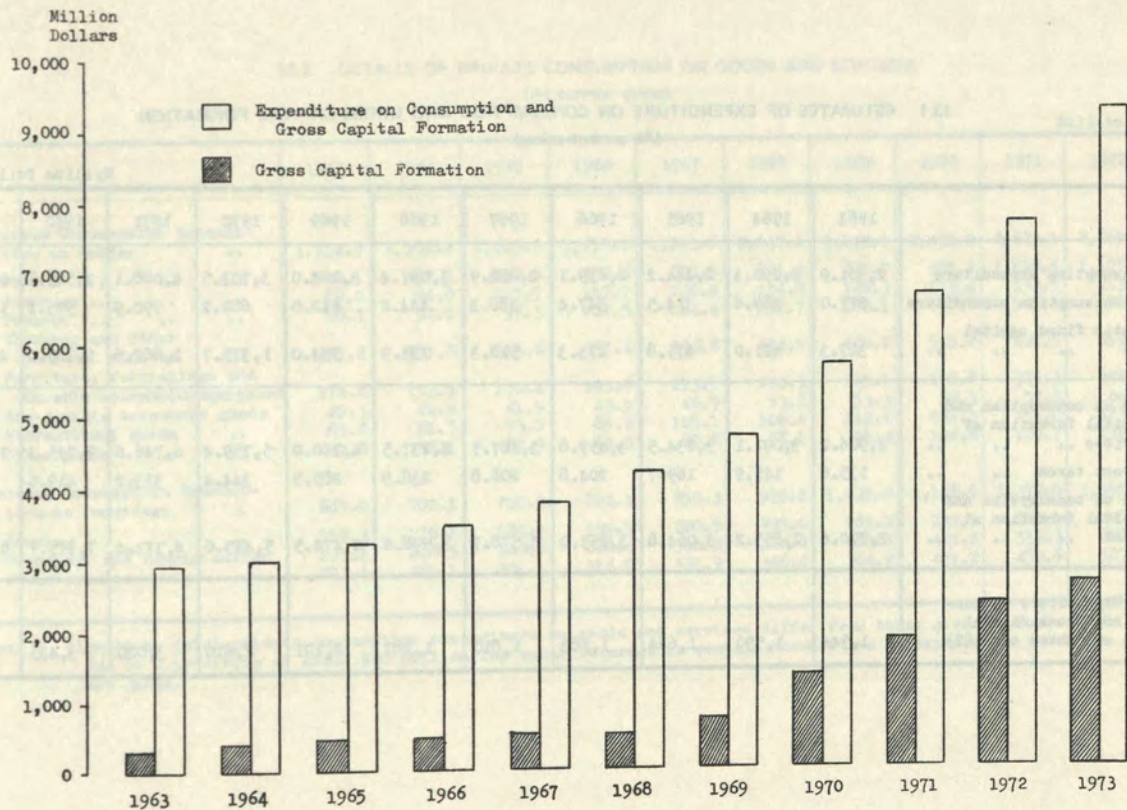
Data on merchandise trade account and freight and insurance are based on trade and shipping statistics. Other transportation includes earnings from services provided by the Port of Singapore Authority and the Airport, as well as receipts and payments on passenger fares and on airline oper-

ations. Receipts on other services are mainly accounted for by expenditure by foreign armed forces stationed in Singapore, receipts from tourism and private investment income from abroad.

Transfer payments include recorded remittances overseas and payments to persons resident abroad as well as Government payments of pensions and compensation.

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

ESTIMATES OF EXPENDITURE ON CONSUMPTION AND GROSS CAPITAL FORMATION AT MARKET PRICES



13.1 ESTIMATES OF EXPENDITURE ON CONSUMPTION AND GROSS CAPITAL FORMATION

(At current prices)

Million Dollars

	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973*
Private consumption expenditure	2,301.9	2,290.3	2,444.2	2,639.1	2,882.9	3,057.4	3,264.0	3,703.5	4,088.1	4,545.1	5,714.3
Government consumption expenditure	277.0	289.8	314.5	347.4	386.3	444.2	542.0	680.2	790.9	905.2	1,119.8
Gross domestic fixed capital formation	327.3	421.0	475.8	473.3	518.3	735.9	954.0	1,375.7	1,867.6	2,345.0	2,616.5
Expenditure on consumption and gross capital formation at market prices	2,906.2	3,001.1	3,234.5	3,459.8	3,787.5	4,237.5	4,760.0	5,759.4	6,746.6	7,795.3	9,450.6
Less Indirect taxes	135.6	145.9	169.7	204.8	208.8	238.9	285.5	344.4	373.2	419.6	544.5
Expenditure on consumption and gross capital formation at factor cost	2,770.6	2,855.2	3,064.8	3,255.0	3,578.7	3,998.6	4,474.5	5,415.0	6,373.4	7,375.7	8,906.1
Per Capita Expenditure on consumption and gross capital formation at factor cost (\$)	1,544	1,550	1,624	1,683	1,810	1,987	2,191	2,610	3,020	3,435	4,076

13.2 DETAILS OF PRIVATE CONSUMPTION ON GOODS AND SERVICES

(At current prices)

Million Dollars

	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973*
A. Private Consumption Expenditure on Goods:											
Food	1,554.9	1,508.2	1,613.3	1,755.0	1,943.6	2,047.4	2,149.0	2,435.0	2,629.1	2,869.4	3,663.4
Beverage	702.1	687.2	734.5	786.4	850.5	861.4	880.7	975.2	1,024.9	1,125.6	1,491.9
Tobacco	88.2	94.8	107.5	117.7	126.6	144.8	146.3	173.4	193.5	213.1	255.7
Clothing and other personal effects ..	88.7	94.1	97.3	102.5	114.4	122.7	128.1	140.8	145.6	156.4	186.6
Furniture, furnishings and durable household equipment	327.2	311.8	325.6	357.4	398.8	464.5	480.2	551.4	605.5	659.4	867.6
Non-durable household goods	174.8	153.9	170.4	193.0	213.5	222.3	245.9	290.8	323.3	344.7	437.9
Recreational goods ..	45.3	46.6	41.9	43.5	46.9	53.2	53.3	59.3	59.8	64.7	75.4
Other goods	65.8	61.7	73.2	85.2	105.1	100.4	119.2	141.3	155.8	173.2	200.7
	62.8	58.1	62.9	69.3	87.8	78.1	95.3	102.8	120.7	132.3	147.6
B. Private Consumption Expenditure on Services:											
Housing	667.0	702.1	750.9	804.1	859.3	930.0	1,035.0	1,188.5	1,379.0	1,595.7	1,970.9
Transport and communication	158.3	170.1	183.1	199.5	220.5	239.0	265.2	292.1	369.1	445.8	523.1
Other services	235.1	245.9	266.7	288.6	306.9	344.6	404.9	495.2	559.3	622.0	801.5
	273.6	285.1	301.1	316.0	331.9	346.4	364.9	401.2	450.6	527.9	646.3

Notes: Figures on total private consumption expenditure on goods and services differ from those given in Table 13.1 due to a provision of about \$80 million for under coverage in certain known items of expenditure which is not shown.

13.3 ESTIMATES OF GROSS DOMESTIC FIXED CAPITAL FORMATION BY TYPE OF ASSETS

(At current prices)

Million Dollars

	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973 *
Machinery and equipment: ..	128.4	183.9	186.1	204.2	208.7	283.6	429.8	675.0	789.8	940.8	925.4
Machinery other than electric	55.7	83.8	80.7	106.4	119.4	168.2	280.1	439.8	498.1	595.8	589.4
Electric machinery	54.7	80.0	84.0	74.4	65.4	77.8	97.4	129.7	181.0	212.2	217.8
Miscellaneous	18.0	20.1	21.4	23.4	23.9	37.6	52.3	105.5	110.7	132.8	118.2
Transport equipment	19.2	21.6	31.8	20.7	23.4	106.4	123.7	115.2	288.7	300.0	485.4
Building, other construction and works:	179.7	215.5	257.9	248.4	286.2	345.9	400.5	585.5	789.1	1,104.2	1,205.7
Dwellings	82.5	87.1	96.2	109.7	126.7	135.5	140.8	180.8	240.6	390.3	506.7
Non-residential buildings ..	48.8	56.8	66.3	56.1	81.3	108.1	135.6	234.5	382.1	476.9	475.0
Other construction and works	48.4	71.6	95.4	82.6	78.2	102.3	124.1	170.2	166.4	237.0	224.0
Gross Domestic Fixed Capital Formation ..	327.3	421.0	475.8	473.3	518.3	735.9	954.0	1,375.7	1,867.6	2,345.0	2,616.5
Public Sector ..	165.7	214.7	216.0	239.6	224.9	300.9	288.5	367.3	460.3	712.5	823.8
Private Sector ..	161.6	206.3	259.8	233.7	293.4	435.0	665.5	1,008.4	1,407.3	1,632.5	1,792.7

13.4 ESTIMATES OF GROSS DOMESTIC PRODUCT BY INDUSTRIAL ORIGIN

(At current prices)

Million Dollars

	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973*
Agriculture and fishing ..	146.8	142.0	139.6	152.8	146.0	148.2	154.2	171.2	186.1	203.3	244.9
Manufacturing and quarrying ..	294.8	330.5	414.3	486.8	616.5	716.0	897.2	1,143.8	1,429.7	1,833.2	2,378.8
Construction	94.7	113.9	130.6	128.7	150.1	179.8	205.5	302.4	404.7	563.0	614.2
Electricity, gas and water services	52.8	59.2	54.0	73.3	92.7	108.8	119.5	138.3	151.9	171.8	195.5
Entrepot and domestic trade:	859.4	708.1	772.0	878.7	998.5	1,308.6	1,547.9	1,724.9	1,848.4	1,960.6	2,466.4
a. Entrepot trade	441.1	286.2	305.6	349.0	408.5	538.7	666.1	683.1	680.5	675.0	934.5
b. Domestic trade	418.3	421.9	466.4	529.7	590.0	769.9	881.8	1,041.8	1,167.9	1,285.6	1,531.9
Ownership of dwellings ..	110.4	118.1	128.7	141.5	152.5	167.2	184.6	204.1	275.6	343.2	411.4
Government services	189.0	191.0	214.3	246.4	264.9	300.3	321.0	390.0	443.6	473.5	559.7
Other services	935.9	1,037.5	1,189.9	1,257.0	1,270.9	1,328.1	1,402.8	1,582.6	1,740.4	1,906.3	2,221.9
Gross Domestic Product at Factor Cost ..	2,683.8	2,700.3	3,043.4	3,365.2	3,692.1	4,257.0	4,832.7	5,657.3	6,480.4	7,454.9	9,092.8

13.5 ESTIMATES OF BALANCE OF PAYMENTS

Million Dollars

	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972 (1st Rev)	1973
A. Goods and Services (net) ..	-300	-93	-101	48	-170	-367	-546	-1,727	-2,170	-2,371	-2,570
Merchandise trade (f.o.b.)											
Exports	3,291	2,601	2,810	3,168	3,239	3,589	4,471	4,429	5,075	5,739	8,431
Imports	3,995	3,252	3,570	3,825	4,148	4,759	5,863	7,048	8,091	8,909	11,902
Trade balance	-704	-651	-760	-657	-909	-1,170	-1,392	-2,619	-3,016	-3,170	-3,471
Services (net)	404	558	659	705	739	803	846	892	846	799	901
Freight and insurance	-241	-189	-207	-223	-248	-295	-348	-432	-506	-560	-719
Transportation	231	221	249	274	366	498	548	657	690	854	972
Travel	44	50	53	72	108	128	196	248	299	374	484
Other invisibles and investment income	370	476	564	582	513	472	450	419	363	131	164
B. Transfer Payments (net) ..	-32	-73	-49	-45	-39	-41	-39	-24	-36	-19	-20
C. Non-monetary Capital (net) ..	41	22	87	51	131	348	225	429	482	740	623
Private long-term (net) ..	16	33	58	94	121	200	196	350	407	552	577
Official long-term (net) ..	25	-11	29	-43	10	148	29	79	75	188	46
Sub-total (A + B + C) ..	-291	-144	-63	54	-78	-60	-360	-1,322	-1,724	-1,650	-1,967
D. Net Errors and Omissions ..	372	54	31	133	437	608	828	1,783	2,302	2,233	2,301
E. Overall Payments Surplus or Deficit (-) (A through D) ..	81	-90	-32	187	359	548	468	461	578	583	334
F. Monetary Movements (net) ..											
(increase = -)	-81	90	32	-187	-359	-548	-468	-461	-578	-583	-334
Net INF accounts	-	-	-	-23	-	-	-	-	-5	-	-
Monetary authorities foreign assets (1)	-16	-32	-47	-53	-29	-49	-104	-148	-771	-795	-645
Commercial banks' foreign assets	17	78	17	-34	-55	116	-175	104	397	362	593
Central government assets	-82	44	62	-77	-275	-615	-189	-417	-199	-150	-282

Notes: The estimates for the years 1967-1973 were revised to incorporate the extended coverage of airline operations.

(1) Figures include foreign assets of the Monetary Authority of Singapore from 1971.

14. EDUCATION

Both primary and secondary education experienced rapid expansion in Singapore during the 1960's. However, due to the decline in the birth rate during this period, enrolment at the primary level started to decline gradually after 1968.

Primary Education

Primary education is free for all children who have attained their sixth birthday. It extends over a period of six years, at the end of which pupils have to pass a common Government Primary School Leaving Examination to proceed to the secondary level. Pupils who fail to qualify are allowed to repeat provided they are not over-aged. Those overaged who fail the Primary School Leaving Examination may attend the Vocational Preparatory Classes conducted by the Adult Education Board.

Secondary Education

The first level of secondary education is of four years duration. Under the new system introduced in 1969, all pupils follow a common comprehensive curriculum covering both academic and technical subjects during the first two years of

secondary education. At the end of the two years, pupils are streamed into academic, technical or commercial depending on their aptitude, performance and parental choice. Having completed four years of secondary education (i.e. 2 years comprehensive plus 2 years academic, technical or commercial), all pupils sit for the Singapore Cambridge GCE 'O' Level Examination jointly conducted by the Ministry of Education Singapore and the University of Cambridge introduced in 1971. The examination is conducted in English, Chinese, Malay and Tamil and covers all secondary school subjects.

A two-year pre-university course offering arts, science, commercial or technical subjects leading to the GCE 'A' Level Examination is available for those who have successfully completed their GCE 'O' Level Examination.

Industrial Training

The Industrial Training Board was established on 1st April 1973 for the purpose of co-ordinating and promoting all forms of industrial training in Singapore; seven vocational institutes offering

training in the Metal, Woodworking, Electrical, Electronic and Building trades at Artisans and Trade Levels and the Singapore Technical Institute offering engineering courses at Industrial Technician Certificate level. In addition, some training institutions also offer courses on Manual and Applied Arts, Printing and Hotel Catering. The minimum entry qualifications vary according to the type and level of the course applied for, ranging from Primary Six for the Artisan and Manual Arts courses to Secondary Four for certain Trade courses.

Besides providing full-time training in basic skills for school-leavers, the industrial training institutions also conduct other programmes aimed at upgrading the skills of workers already employed in industry, e.g. day-release, block-release and sandwich programmes; Off-Job Industrial Training (OJIT); group training for small firms and special programmes designed to meet the needs of individual firms.

The Board's training programmes emphasize the development of precision skills, particularly in the engineering fields, in the face of increasingly sophisticated technological advances. The aim is to complete the skill training of the graduates of the various institutions through major programmes

of apprenticeship training and the development of a system of national trade tests.

Higher Education

The institutions of higher learning in Singapore are the University of Singapore, the Nanyang University, the Singapore Polytechnic, the Institute of Education and the Ngee Ann Technical College. Students seeking admission to the University of Singapore are normally required to have attended two years Pre-University classes and passed the GCE 'A' Level Examination.

The University of Singapore offers degree courses in Arts, Social Sciences, Law, Science, Medicine, Dentistry, Pharmacy, 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, Singapore. 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 and Science, and lectures are conducted both in Chinese and English.

The Polytechnic conducts technician diploma courses in Civil, Electrical, Electronic and Communication, Mechanical, Production, Marine, Aeronautical Maintenance and Structural Engineering, Architectural Draughtsmanship, Building, Land Surveying, Chemical Process Technology and Ship Construction, certificate courses in Industrial Technician, Draughtsmanship and Works Management and course in Nautical Studies.

Ngee Ann Technical College offers courses in Mechanical Engineering and Electrical and Electronic Engineering at higher technician level and Business Studies at sub-professional level.

The Institute of Education provides facilities both for the training and continuing education of teachers for all language streams and levels of primary and secondary education in Singapore. It also works closely with the University of Singapore in preparing graduate students for higher degrees leading to the Master's and Ph. D. qualifications of the University of Singapore.

The Adult Education Board is a statutory body established to provide continuing education for adults and young school leavers. Besides organising its own courses of a varied and wide nature, the Board assists other agencies in the provision of adult education courses.

The Board's major education programme include language, general education, pre-vocational, vocational and technical, commercial and further education courses.

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 of the Government 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 by private schools and organisations on education.

14.1 ENROLMENT IN EDUCATIONAL INSTITUTIONS

							Number
Year	Total	Primary Schools	Secondary Schools			Technical and Vocational Institutes (2)	Universi- ties and Colleges
			Total	Academic	Others(1)		
1963	432,773	335,656	84,425	81,245	3,180	843	11,849
1964	461,323	348,167	99,592	91,226	8,366	871	12,693
1965	486,811	357,075	114,736	102,861	11,875	1,193	13,807
1966	511,527	364,846	132,088	116,956	15,132	1,409	13,184
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

Notes: Data for 1963-1965 refer to end- September and from 1966 onwards to end-June.

- (1) Include enrolment in technical, commercial and vocational streams.
Enrolment at the Boy's Town Trade School is also included up to 1970.
- (2) The 1969 and 1970 figures include the enrolment at the Industrial Training Centres. From 1971, the figure includes the enrolment at the Industrial Training Centres and the Boy's Town Trade School which were converted into Vocational Institutes during that year. From 1973, the figure includes the enrolment at the Hotel and Catering Training School and the School of Printing.

Source: Ministry of Education

14.2 STUDENTS AND TEACHERS AT EDUCATIONAL INSTITUTIONS, 1973
(At end June)

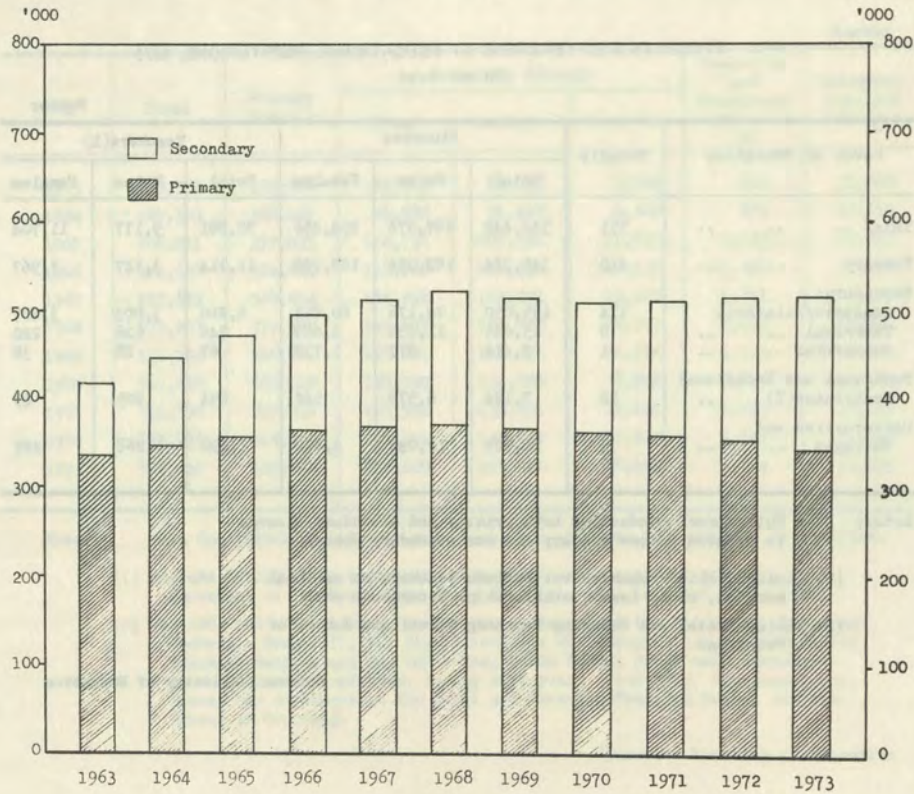
Level of Education	Schools	Students			Teachers(1)		
		Total	Males	Females	Total	Males	Females
Total	551	542,442	287,976	254,466	20,881	9,177	11,704
Primary	410	345,284	182,556	162,728	11,714	3,747	7,967
Secondary:							
Academic/Bilateral	114	155,050	74,176	80,874	6,210	3,003	3,207
Technical	9	15,645	11,956	3,689	746	526	220
Commercial	1	2,414	677	1,737	67	28	39
Technical and Vocational Institutes(2) ..	12	7,124	6,578	546	654	605	49
Universities and Colleges	5	16,925	12,033	4,892	1,490	1,268	222

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

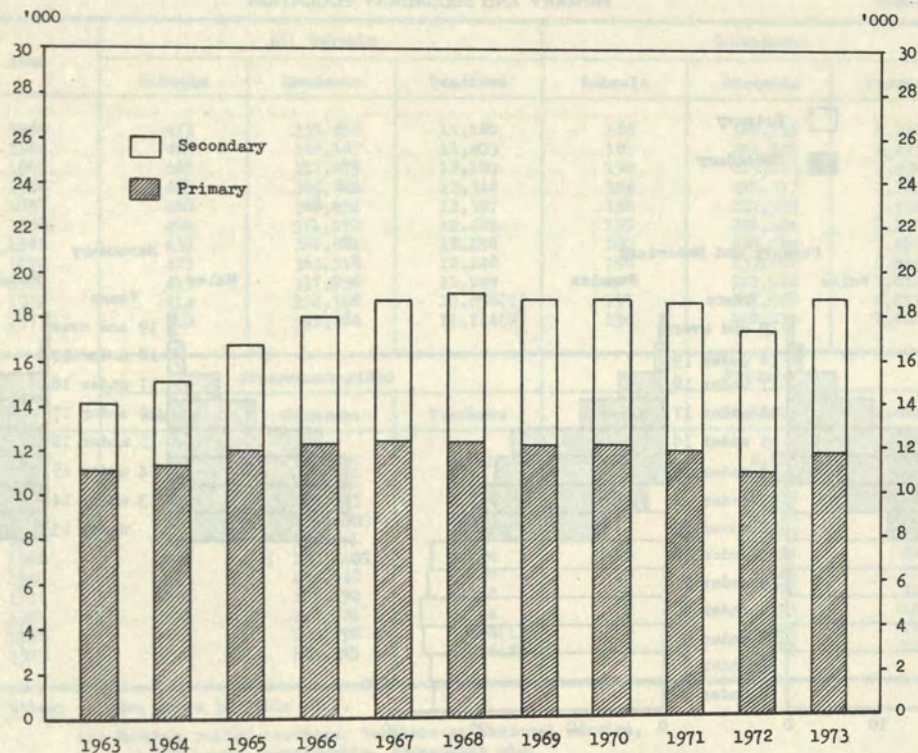
- (1) Include relief teachers but exclude teachers on national service, study leave, scholarship, secondment etc.
- (2) Include Hotel and Catering Training School and School of Printing.

Source: Ministry of Education

NUMBER OF STUDENTS

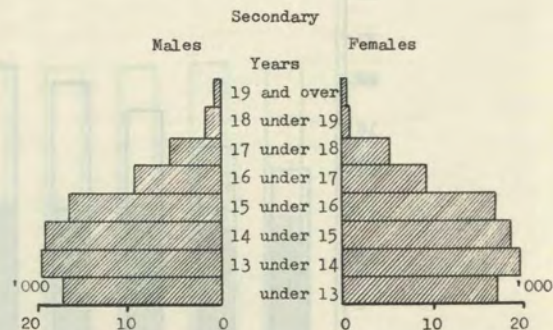
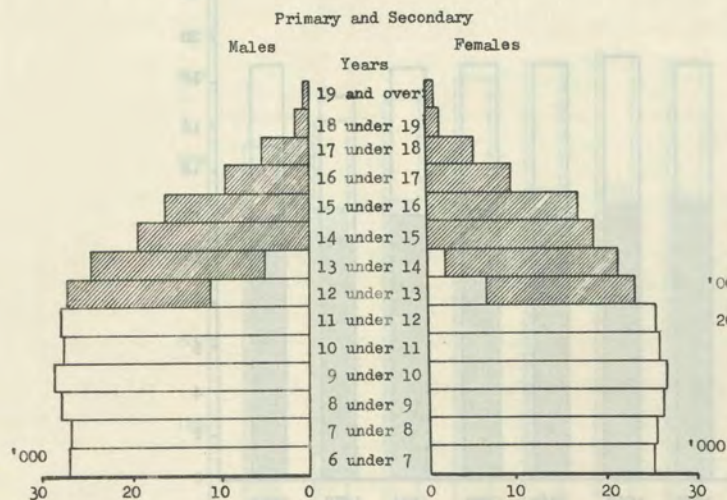


NUMBER OF TEACHERS



PRIMARY AND SECONDARY EDUCATION

□ Primary
 ■ Secondary



14.3 PRIMARY EDUCATION: NUMBER OF SCHOOLS, STUDENTS AND TEACHERS

Year	Number					
	All Schools			Government		
	Schools	Students	Teachers	Schools	Students	Teachers
1963	473	335,656	11,180	186	186,749	6,232
1964	469	348,167	11,403	185	201,547	6,493
1965	465	357,075	12,100	192	215,073	7,431
1966	465	364,846	12,348	194	225,377	7,744
1967	460	368,654	12,397	198	232,524	7,936
1968	450	371,970	12,422	199	240,104	8,147
1969	437	366,881	12,156	200	238,089	7,959
1970	427	363,518	12,248	198	233,692	8,044
1971	419	357,936	11,949	197	229,562	7,811
1972	414	354,748	10,858(1)	197	227,588	6,975(1)
1973	410	345,284	11,714(2)	196	222,973	7,664(2)

Year	Government-Aided			Private		
	Schools	Students	Teachers	Schools	Students	Teachers
1963	262	146,085	4,840	25	2,822	108
1964	260	144,160	4,803	24	2,460	107
1965	250	140,023	4,552	23	1,979	117
1966	250	137,691	4,472	21	1,778	132
1967	243	134,461	4,418	19	1,669	43
1968	235	130,842	4,226	16	1,024	49
1969	227	128,048	4,160	10	744	37
1970	220	129,150	4,172	9	676	32
1971	215	128,001	4,124	7	373	14
1972	211	126,798	3,868(1)	6	362	15
1973	208	121,925	4,036(2)	6	386	14

Notes: See notes to Table 14.1.

- (1) Exclude relief teachers, teachers on national service, study leave, scholarship, secondment etc.

- (2) See footnote (1) to Table 14.2.

Source: Ministry of Education

14.4 PRIMARY EDUCATION: STUDENTS AND TEACHERS BY LANGUAGE STREAM, 1973

(At end June)

Language Stream	Students			Teachers(1)		
	Total	Males	Females	Total	Males	Females
Total	345,284	182,556	162,728	11,714	3,747	7,967
Government:						
English.. ..	196,009	104,792	91,217	6,414	1,734	4,680
Chinese	18,314	10,198	8,116	671	268	403
Malay	8,587	3,387	5,200	568	312	256
Tamil	63	14	49	11	5	6
Government-Aided:						
English.. ..	33,209	16,287	16,922	1,018	217	801
Chinese	87,961	47,330	40,631	2,970	1,194	1,776
Tamil	755	319	436	48	15	33
Private:						
English.. ..	274	170	104	10	1	9
Chinese	112	59	53	4	1	3
Malay	-	-	-	-	-	-
Tamil	-	-	-	-	-	-

Notes: (1) See footnote (1) to Table 14.2.

Source: Ministry of Education.

14.5 PRIMARY EDUCATION: ENROLMENT BY LEVEL OF EDUCATION AND AGE, 1973

Males

Age as at 1.1.73	Total	Primary I	Primary II	Primary III	Primary IV	Primary V	Primary VI	Primary VI (Repeat)
Total	182,556	26,272	26,854	29,952	30,049	29,347	27,384	12,698
Under 6	508	508	-	-	-	-	-	-
6 and under 7 ..	26,449	25,739	710	-	-	-	-	-
7 and under 8 ..	26,773	20	26,043	710	-	-	-	-
8 and under 9 ..	27,904	3	68	27,744	89	-	-	-
9 and under 10 ..	28,478	1	15	1,442	26,971	49	-	-
10 and under 11 ..	27,839	-	7	42	2,853	24,857	80	-
11 and under 12 ..	27,930	-	5	8	123	4,040	23,670	84
12 and under 13 ..	11,359	-	3	2	10	330	3,378	7,636
13 and under 14 ..	5,235	-	1	2	2	54	200	4,976
14 and under 15 ..	58	1	1	1	-	13	40	2
15 and under 16 ..	12	-	1	1	-	4	6	-
16 and over	11	-	-	-	1	-	10	-

Females

Age as at 1.1.73	Total	Primary I	Primary II	Primary III	Primary IV	Primary V	Primary VI	Primary VI (Repeat)
Total	162,728	24,812	25,395	27,582	27,231	26,387	24,928	6,393
Under 6	391	391	-	-	-	-	-	-
6 and under 7 ..	24,925	24,398	527	-	-	-	-	-
7 and under 8 ..	25,400	14	24,789	596	1	-	-	-
8 and under 9 ..	26,223	3	63	26,103	54	-	-	-
9 and under 10 ..	26,464	3	10	853	25,531	67	-	-
10 and under 11 ..	25,628	2	1	22	1,582	23,957	64	-
11 and under 12 ..	25,220	-	1	4	54	2,156	22,945	60
12 and under 13 ..	6,540	1	2	3	7	165	1,805	4,557
13 and under 14 ..	1,909	-	1	1	2	35	94	1,776
14 and under 15 ..	19	-	1	-	-	3	15	-
15 and under 16 ..	8	-	-	-	-	4	4	-
16 and over	1	-	-	-	-	-	1	-

Source: Ministry of Education

14.6 SECONDARY EDUCATION: NUMBER OF SCHOOLS, STUDENTS AND TEACHERS

Year	Number					
	All Schools			Government		
	Schools	Students	Teachers	Schools	Students	Teachers
1963	95	84,425	3,038	37	44,163	1,590
1964	102	99,592	3,842	44	58,010	2,299
1965	118	114,736	4,674	57	72,059	3,082
1966	125	132,088	5,694	64	88,179	4,066
1967	132	144,448	6,409	70	100,268	4,741
1968	135	150,641	6,657	78	106,918	4,998
1969	126	147,981	6,588	70	104,885	4,894
1970	123	145,740	6,550	68	103,874	4,847
1971	122	153,522	6,685	68	111,030	4,979
1972	121	161,371	6,398(1)	68	118,174	4,800(1)
1973	124	173,109	7,023(2)	69	127,942	5,270(2)

Year	Government-Aided			Private		
	Schools	Students	Teachers	Schools	Students	Teachers
1963	47	36,344	1,320	11	3,918	128
1964	47	38,062	1,422	11	3,520	121
1965	50	39,332	1,461	11	3,345	131
1966	50	41,192	1,506	11	2,717	122
1967	50	41,985	1,554	12	2,195	114
1968	49	41,819	1,589	8	1,904	70
1969	48	40,812	1,596	8	2,284	98
1970	47	39,816	1,618	8	2,050	85
1971	46	40,451	1,623	8	2,041	83
1972	45	41,192	1,510(1)	8	2,005	88
1973	47	43,315	1,661(2)	8	1,852	92

Notes: See notes to Table 14.1.

(1) See footnote (1) to Table 14.3

(2) See footnote (1) to Table 14.2.

Source: Ministry of Education

14.7 SECONDARY EDUCATION: STUDENTS AND TEACHERS BY LANGUAGE STREAM, 1973

(At end June)

Language Stream	Students			Teachers(1)		
	Total	Males	Females	Total	Males	Females
Total	173,109	86,809	86,300	7,023	3,557	3,466
Government:						
English.. ..	91,481	45,949	45,532	3,595	1,747	1,848
Chinese	27,087	15,727	11,360	1,266	739	527
Malay	9,374	3,201	6,173	409	254	155
Tamil	-	-	-	-	-	-
Government-Aided:						
English.. ..	21,527	10,152	11,375	790	279	511
Chinese	21,424	10,713	10,711	851	496	355
Tamil	364	149	215	20	12	8
Private:						
English.. ..	1,540	736	804	78	23	55
Chinese	312	182	130	14	7	7
Malay	-	-	-	-	-	-
Tamil	-	-	-	-	-	-

Notes: (1) See footnote (1) to Table 14.2.

Source: Ministry of Education

14.8 SECONDARY EDUCATION: ENROLMENT BY LEVEL OF EDUCATION AND AGE, 1973

Academic Stream

Males

Age as on 1.1.73	Total	Secondary I	Secondary II	Secondary III	Secondary IV	Pre-University I	Pre-University II
Total	74,176	23,686	20,642	12,703	10,208	3,248	3,689
Under 12	63	63	-	-	-	-	-
12 and under 13 ..	15,645	15,601	44	-	-	-	-
13 and under 14 ..	19,235	5,556	13,640	38	-	1	-
14 and under 15 ..	15,059	2,345	5,170	7,520	23	1	-
15 and under 16 ..	11,097	67	1,598	3,725	5,689	18	-
16 and under 17 ..	6,903	33	114	1,276	3,194	2,263	23
17 and under 18 ..	4,313	13	45	102	1,190	739	2,224
18 and under 19 ..	1,414	6	15	27	76	210	1,080
19 and under 20 ...	360	-	9	7	19	11	314
20 and under 21 ..	60	2	3	6	12	3	34
21 and under 22 ..	21	-	4	1	1	1	14
22 and over ..	6	-	-	1	4	1	-

Females

Age as on 1.1.73	Total	Secondary I	Secondary II	Secondary III	Secondary IV	Pre-University I	Pre-University II
Total	80,874	22,850	19,641	16,306	15,059	3,471	3,547
Under 12	125	125	-	-	-	-	-
12 and under 13 ..	16,531	16,421	110	-	-	-	-
13 and under 14 ..	19,044	4,764	14,239	40	1	-	-
14 and under 15 ..	16,592	1,430	4,181	10,937	44	-	-
15 and under 16 ..	14,551	46	964	4,127	9,405	9	-
16 and under 17 ..	8,144	28	82	1,077	4,225	2,698	34
17 and under 18 ..	4,555	16	38	74	1,268	619	2,540
18 and under 19 ..	1,043	16	15	35	65	133	779
19 and under 20 ..	239	3	8	11	31	12	174
20 and under 21 ..	29	-	2	2	9	-	16
21 and under 22 ..	13	-	1	-	8	-	4
22 and over ..	8	1	1	3	3	-	-

Notes: Secondary I and II refer to Comprehensive Classes.

Source: Ministry of Education

14.9 SECONDARY EDUCATION: ENROLMENT BY LEVEL OF EDUCATION AND AGE, 1973
Technical and Commercial Streams

Males									
Age as at 1.1.73	Total	Technical				Commercial			
		Sec III	Sec IV	Pre-U I	Pre-U II	Sec III	Sec IV	Pre-U I	Pre-U II
Total	12,633	5,836	5,580	339	201	212	347	74	44
Under 12	-	-	-	-	-	-	-	-	-
12 and under 13	-	-	-	-	-	-	-	-	-
13 and under 14	27	26	1	-	-	-	-	-	-
14 and under 15	4,123	3,991	6	-	-	126	-	-	-
15 and under 16	5,063	1,315	3,521	2	-	71	154	-	-
16 and under 17	2,446	495	1,508	249	-	14	126	54	-
17 and under 18	830	9	528	68	115	-	67	16	27
18 and under 19	116	-	16	17	69	1	-	4	9
19 and under 20	28	-	-	3	17	-	-	-	8
20 and over	-	-	-	-	-	-	-	-	-

Females									
Age as at 1.1.73	Total	Technical				Commercial			
		Sec III	Sec IV	Pre-U I	Pre-U II	Sec III	Sec IV	Pre-U I	Pre-U II
Total	5,426	1,762	1,802	113	12	568	714	253	202
Under 12	-	-	-	-	-	-	-	-	-
12 and under 13	-	-	-	-	-	-	-	-	-
13 and under 14	52	52	-	-	-	-	-	-	-
14 and under 15	1,724	1,336	1	-	-	387	-	-	-
15 and under 16	2,067	313	1,190	-	-	142	422	-	-
16 and under 17	1,148	61	503	104	-	36	220	224	-
17 and under 18	408	-	105	7	9	3	72	26	186
18 and under 19	24	-	2	2	3	-	-	3	14
19 and under 20	3	-	1	-	-	-	-	-	2
20 and over	-	-	-	-	-	-	-	-	-

Source: Ministry of Education

14.10 UNIVERSITIES AND COLLEGES - STUDENT ENROLMENT

Year	Number											
	Total		Singapore University		Nanyang University		Singapore Polytechnic		Ngee Ann Technical College		Institute of Education(1)	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1963	8,077	3,772	1,790	643	1,760	564	2,154	105	277	109	2,096	2,351
1964	8,465	4,228	1,885	687	1,676	597	2,199	100	508	180	2,197	2,664
1965	8,838	4,969	2,035	835	1,559	567	2,255	80	634	239	2,355	3,248
1966	8,534	4,650	2,063	949	1,331	520	2,536	106	602	250	2,002	2,825
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

(1) Prior to 1973, it was known as Teachers' Training College.

Source: Ministry of Education

14.11 UNIVERSITIES AND COLLEGES - STUDENTS ADMITTED AND GRADUATED

	Admitted					Graduated					Number
	1969	1970	1971	1972	1973	1969	1970	1971	1972	1973	
Total Universities and Colleges	4,786	5,787	5,456	5,768	6,286	3,644	3,924	4,097	4,261	4,003	
Universities - Total	2,052	2,147	2,192	2,586	2,521	1,709	1,993	2,132	2,033	2,033	
Arts and Social Sciences ..	541	486	512	633	622	440	557	700	542	613	
Science	525	379	380	413	461	579	615	668	628	469	
Law	97	93	108	132	143	47	62	85	80	87	
Medicine	117	130	145	143	138	132	135	158	154	128	
Dentistry	40	38	38	49	34	35	44	47	30	43	
Pharmacy	26	23	23	31	29	27	46	34	11	20	
Architecture, Engineering and Building/Estate Management	216	428	387	373	445	68	70	91	133	172	
Commerce and Business Admini- stration	480	560	599	812	649	321	247	346	452	501	
Education	10	10	-	-	-	60	217	3	3	-	
Polytechnic - Total	1,469	1,679	2,011	2,443	2,845	358	436	768	901	1,310	
Engineering	1,213	1,392	1,525	1,938	2,353	210	280	577	690	1,105	
Architectural Building ..	172	185	384	392	371	92	104	123	135	135	
Accounting	-	-	-	-	-	11	-	-	-	-	
Nautical	84	102	102	113	121	45	52	68	76	70	
Colleges - Total	1,265	1,961	1,253	739	920	1,577	1,495	1,197	1,327	660	
Ngee Ann	385	481	625	430	465	134	-	41	160	210	
Institute of Education(1) ..	880	1,480	628	309	455	1,443	1,495	1,156	1,167	450	

(1) Prior to 1973, it was known as Teachers' Training College.

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

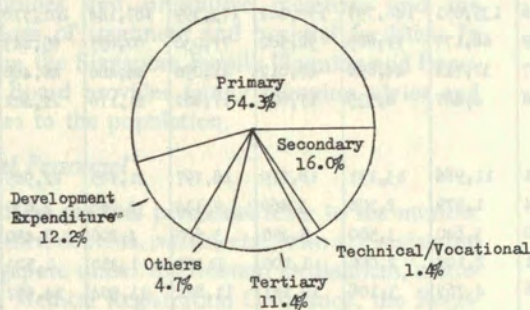
14.12 LEMBAGA GERAKAN PELAJARAN DEWASA (ADULT EDUCATION BOARD): STUDENT ENROLMENT

Number

	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Total	39,160	52,134	64,444	70,800	76,840	73,709	49,611	49,677	40,884	50,663	56,638
Literacy and Language Classes	20,491	27,297	33,936	28,975	34,571	30,389	14,668	9,818	11,204	10,986	12,771
Special Language Classes ..	120	437	463	1,043	742	535	565	6,267	902	68	-
Foreign Language Classes ..	553	741	1,954	3,864	1,922	1,485	1,362	1,258	2,134	3,270	1,904
General Education Classes ..	7,916	9,941	12,671	16,082	16,270	16,627	11,032	9,823	7,967	9,210	11,399
Special Subject Classes ..	3,336	5,250	7,585	10,173	12,958	12,127	6,565	3,778	3,432	4,296	6,430
Commercial Classes	1,538	1,308	1,149	1,081	1,761	2,409	2,530	2,347	6,270	9,454	9,527
Vocational Classes	3,593	5,470	4,739	6,011	4,332	5,400	5,017	5,585	1,020	630	3,461
Recreational Courses	1,613	1,690	1,947	3,571	4,284	4,737	3,767	5,110	2,023	4,845	3,531
Vocational Preparatory Classes	-	-	-	-	-	-	4,105	5,691	5,351	5,772	5,015
Technical Classes	-	-	-	-	-	-	-	-	581	2,132	2,600

Source: Lembaga Gerakan Pelajaran Dewasa

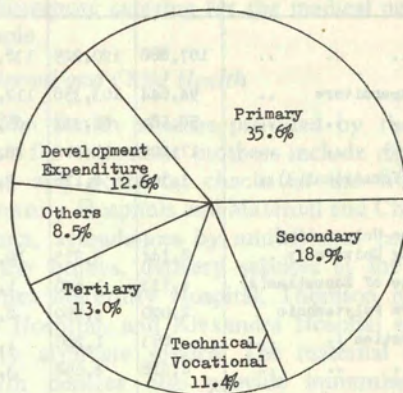
ALLOCATION OF GOVERNMENT EXPENDITURE ON EDUCATION



1963
(\$ Mil.)

58.6
17.2
1.5
12.3
5.1
13.2

107.9



1973/74
(\$ Mil.)

Primary	-	105.7
Secondary	-	56.1
Technical/Vocational	-	34.0
Tertiary	-	38.6
Others	-	25.4
Development Expenditure	-	37.3
		297.1

14.13 ALLOCATION OF GOVERNMENT EXPENDITURE ON EDUCATION

Thousand Dollars

	1963	1964	1965	1966	1967	1968	1969/70 (1)	1970/71	1971/72	1972/73	1973/74 (Estimated)
Total	107,888	120,229	130,211	142,380	155,738	158,339	217,619	184,492	200,478	210,270	297,054
Recurrent Expenditure ..	94,644	103,358	112,805	124,076	135,051	146,797	199,062	173,599	187,144	201,578	259,741
Primary	58,581	61,337	65,144	66,579	68,177	71,829	92,962	77,030	80,895	85,443	105,705
Secondary(2)	17,206	21,212	24,923	31,387	37,711	44,698	47,812	41,090	44,466	46,488	56,048
Technical/Vocational(3) ..	1,509	2,176	2,822	3,648	4,487	4,335	17,609	17,402	21,176	22,402	34,014
Tertiary:											
Singapore University/ Nanyang University ..	8,744	9,255	10,337	11,411	11,986	13,151	18,719	18,797	21,185	22,985	26,018
Institute of Education(4)	1,533	1,630	1,999	2,044	1,979	2,176	3,469	2,534	2,568	2,630	6,290
Singapore Polytechnic	2,000	1,850	2,400	2,700	3,840	3,500	5,350	3,600	4,200	5,450	6,240
Adult Education	853	1,200	1,635	2,081	2,102	2,000	1,000	1,325	1,350	1,523	1,770
Others	4,218	4,698	3,545	4,226	4,769	5,108	12,141	11,821	11,304	14,657	23,656
Development Expenditure ..	13,244	16,871	17,406	18,304	20,687	11,542	18,557	10,893	13,334	8,692	37,313

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

(2) Data from 1969/70 include National Junior College.

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

(4) Prior to 1973, it was known as Teachers' Training College.

Source: Ministry of Education

15. HEALTH

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

Medical Personnel

Data on medical personnel refer to the number of doctors, dentists, nurses, etc., who are registered in Singapore under the relevant Ordinances, namely, the Medical Registration Ordinance, the Registration of Dentists Ordinance, the Nurses Registration Ordinance, the Midwives Ordinance and the Registration of Pharmacists Ordinance.

Hospitals and Outpatients

Hospital and outpatient services are provided at the four general hospitals and nine other specialised hospitals as well as in the outpatient clinics and maternal and child health centres. In

addition, there are seven private hospitals and some three hundred private clinics and dispensaries in Singapore catering for the medical needs of the people.

Maternal and Child Health

The health services provided by the Government for expectant mothers include regular antenatal and postnatal checks at the Government Maternity Hospitals and Maternal and Child Health Clinics, attendances by midwives at confinement in the homes, delivery services at the Kandang Kerbau Maternity Hospital, Thomson Road General Hospital, and Alexandra Hospital and domiciliary aftercare service. The maternal and child health centres also provide immunisation and vaccination services for infants and children, as well as family planning consultations and services for women of child bearing age.

School Health

The school health service caters for the health needs of school-going children and provides regular medical examination, immunisation services and medical treatment, where necessary. Data on

incidence of illness refer to the incidences of specific illness detected at school medical examinations and are expressed as a percentage of total number of children examined.

Family Planning

The Singapore Family Planning and Population Board was established in 1966 as a statutory organisation to look after the Government's family planning programme and has since taken over all the functions of the Singapore Family Planning Association which was a private organisation. The Board provides facilities for scientific contraception as well as advice and treatment, where necessary, on involuntary sterility and minor gynaecological ailments.

Data on new patients, revisits and attendances

refer to cases handled by the Singapore Family Planning Association prior to 1966 and thereafter to cases handled by the Singapore Family Planning and Population Board.

Blood Transfusion Centre

The Blood Transfusion Service is organised by the Government to receive donations of blood and maintain a regular supply to cater for the needs of patients in the various hospitals.

Causes of Death

Data on causes of death for the years 1963-1968 were classified according to the Sixth Revision of the International Classification of Causes of Death. From 1969, the Eighth Revision of the International Classification of Causes of Death was used.

15.1 HOSPITALS, GOVERNMENT CLINICS AND DISPENSARIES

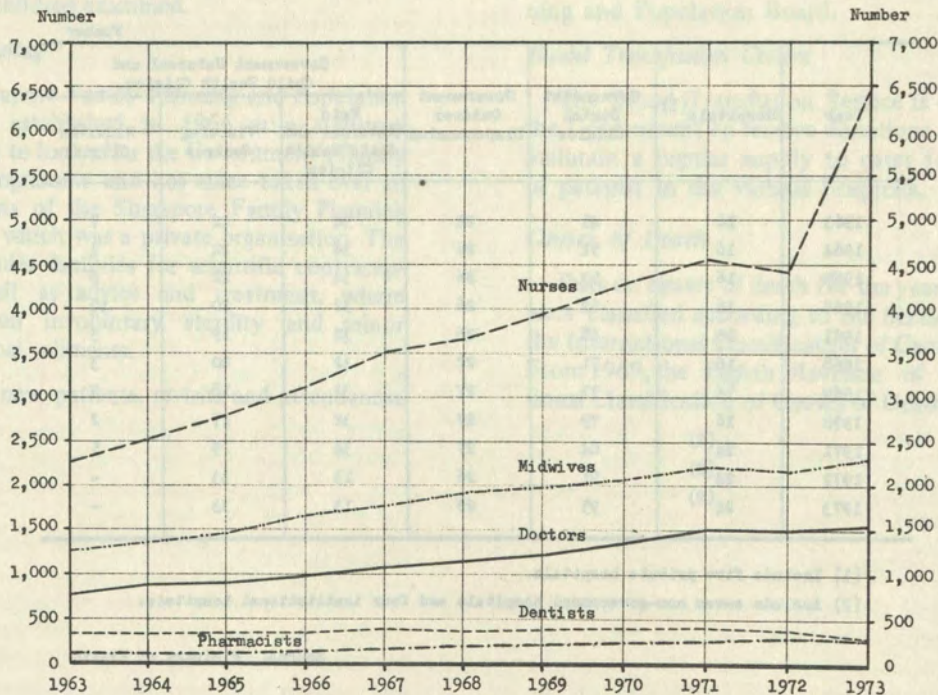
Year	Hospitals ⁽¹⁾	Government Dental Clinics	Government Outdoor Dispensaries	Government Maternal and Child Health Clinics		
				Main Maternal and Child Health Clinics	Visiting Centres	Midwives Clinics
1963	16	45	24	34	22	7
1964	16	51	26	34	22	7
1965	16	59	26	34	22	8
1966	16	62	26	32	20	10
1967	16	68	26	32	19	3
1968	16	71	27	32	20	3
1969	16	77	27	33	18	3
1970	16	79	27	32	17	2
1971	24 ⁽²⁾	84	27	34	9	5
1972	24 ⁽²⁾	91	26	13	33	-
1973	24 ⁽²⁾	95	26	13	33	-

(1) Include five private hospitals.

(2) Include seven non-government hospitals and four institutional hospitals.

Source: Ministry of Health

MEDICAL PERSONNEL



15.2 REGISTRATION OF MEDICAL PERSONNEL

Year	Number									
	Doctors		Dentists		Nurses		Midwives		Pharmacists	
	Government	Private	Government	Private	Government	Private	Government	Private	Government	Private
1963	404	394	62	268	1,594	676	788	469	29	71
1964	426	463	69	265	1,831	690	821	536	32	73
1965	450	469	75	267	2,109	698	928	537	37	89
1966	454	535	83	261	2,309	822	1,117	559	41	107
1967	510	589	95	271	2,527	981	1,207	571	46	124
1968	502	657	90	269	2,591	1,079	1,427	504	46	160
1969	517	726	96	295	2,689	1,261	1,361	626	46	182
1970	496	867	102	296	2,843	1,461	1,493	601	47	198
1971	508	1,012	111	295	3,089	1,483	1,521	715	53	220
1972	507	1,017	93	290	3,244	1,178	1,630	548	46	263
1973	706 ⁽¹⁾	859	114	184	3,488	3,003	1,696	621	60	231

(1) Include 109 attached to the University of Singapore.

Source: Ministry of Health

15.3 HOSPITAL BEDS IN GOVERNMENT HOSPITALS

Hospitals	Number										
	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Total	6,827	6,671	6,817	6,851	7,000	7,004	6,979	6,891	7,346	7,981	8,031
General Hospital	1,231	1,132	1,278	1,278	1,314	1,328	1,328	1,328	1,491	1,521	1,521
Thomson Road Hospital	396	396	396	396	396	396	396	338	344	384	384
Kandang Kerbau Hospital (Maternity and Gynaecology) ..	443	443	443	443	554	544	539	539	554	553	560
Tan Tock Seng Hospital (Tuberculosis)	1,320	1,320	1,320	1,324	1,324	1,324	1,324	1,306	1,304	1,303	1,303
Middle Road Hospital (Venereal Diseases)	61	61	61	61	63	63	63	51	51	51	51 ⁽¹⁾
Middleton Hospital (Infectious Diseases)	250	250	250	250	250	250	250	250	272	273	272
Trafalgar Home (Leprosy) ..	1,023	965	965	965	965	965	785	785	785	785	731
Woodbridge Hospital (Mental Illnesses)	1,869	1,869	1,869	1,869	1,869	1,869	2,029	2,029	2,029	2,500	2,500
Mental Defective Hospital ..	44	45	45	45	45	45	45	45	45	45	45
Chronic Sick Hospital	70	70	70	100	100	100	100	100	100	100	100
St. Andrew's Orthopaedic Hospital	120	120	120	120	120	120	120	120	120	120	120
Alexandra Hospital	-	-	-	-	-	-	-	-	217	282	380
Sembawang Hospital	-	-	-	-	-	-	-	-	34	64	64

(1) With effect from 1st September, 1973 there are no more inpatient facilities.

Source: Ministry of Health

15.4 ADMISSIONS IN GOVERNMENT HOSPITALS

Hospitals	Patient Days										
	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
General Hospital ..	378,862	383,559	390,422	390,502	394,621	406,711	416,255	424,658	440,637	433,313	426,732
Thomson Road Hospital	54,203	52,704	61,320	75,553	83,192	82,151	90,596	101,319	102,396	106,864	107,596
Kandang Kerbau Hospital (Maternity and Gynaecology) ..	114,900	162,435	186,103	183,945	190,584	164,888	155,472	149,352	156,730	156,533	155,560
Tan Tock Seng Hospital (Tuberculosis) ..	404,135	403,623	418,291	405,866	379,254	372,771	358,747	287,617	293,349	267,468	265,710
Middle Road Hospital (Venereal Diseases)	10,766	9,946	12,439	13,884	14,582	16,476	15,591	11,387	8,524	7,450	7,504
Middleton Hospital (Infectious Diseases)	56,004	46,440	56,840	48,176	46,962	41,917	38,630	38,780	39,570	39,290	34,410
Trafalgar Home (Leprosy) ..	229,950	218,270	290,145	284,325	174,470	171,520	185,785	175,565	163,155	159,210	156,950
Woodbridge Hospital (Mental Illnesses)	1,056,766	1,268,759	1,379,478	1,471,173	1,426,979	916,515	968,645	930,399	943,236	904,791	941,498
Mental Defective Hospital ..	15,620	16,470	15,470	16,425	15,809	15,695	10,237	11,357	13,715	13,292	11,650
Chronic Sick Hospital	25,550	24,976	23,441	32,634	35,374	33,223	27,768	29,277	33,845	26,959	32,761
St. Andrew's Orthopaedic Hospital ..	32,289	35,220	32,111	29,801	30,858	22,735	30,941	29,145	28,983	23,464	23,948
Alexandra Hospital ..	-	-	-	-	-	-	-	-	6,746	54,691	70,618
Sembawang Hospital ..	-	-	-	-	-	-	-	-	2,269	116,611	12,283

Source: Ministry of Health

15.5 ADMISSIONS OF MAJOR INFECTIOUS DISEASES: GOVERNMENT HOSPITALS

Year	Number							
	Dysentery	Chicken Pox	Diphtheria	Measles	Mumps	Polio- myelitis	Typhoid	Whooping Cough
1963	644	1,221	394	315	50	66	169	9
1964	687	701	204	283	29	12	120	14
1965	522	1,385	226	184	22	40	271	6
1966	537	360	214	387	11	10	113	26
1967	381	970	207	160	80	3	81	5
1968	435	863	54	460	80	4	109	6
1969	466	491	64	84	101	-	214	10
1970	443	410	50	302	56	-	149	23
1971	315	426	24	214	116	3	213	16
1972	356	316	6	168	147	1	163	5
1973	302	277	7	392	89	1	142	5

Source: Ministry of Health

15.6 ATTENDANCES AT GOVERNMENT DENTAL CLINICS

Year	Total	Schools Division	Hospitals Division	Maternal and Child Health Division	Number	
					Outpatients Division	Miscellaneous
1963	310,353	138,874	133,598	27,167	-	10,714
1964	314,733	157,112	119,443	24,240	-	13,938
1965	360,919	196,503	127,182	24,409	-	12,825
1966	415,795	241,015	139,237	24,440	-	11,103
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	135,409	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

Source: Ministry of Health

15.7 VISITS AT GOVERNMENT CLINICS (MATERNAL) AND BY GOVERNMENT NURSES AND MIDWIVES

Year	Number					
	Ante-natal Visits to Clinics	Post-natal Visits to Clinics (1)	Confinements Attended to by Government Midwives	Visits to Puerperal Mothers by Nurses	Deliveries at Government Hospitals (2)	Domiciliary After-Care by Midwives
1963	120,627	4,397	2,529	36,647	39,318	155,183
1964	141,473	7,958	6,336	38,175	39,378	158,009
1965	161,049	10,258	5,559	38,764	38,711	159,974
1966	154,195	6,531	3,937	40,409	40,211	155,912
1967	128,228	7,906	2,175	38,538	38,252	143,633
1968	130,001	9,432	1,601	36,943	36,427	138,939
1969	136,931	1,813	835	35,651	34,440	193,059
1970	144,284	644	582	36,878	35,805	195,937
1971	142,350	74	271	36,327	37,077	202,746
1972	158,062	624	52	36,856	40,401	220,131
1973	151,289	358	47	34,548	39,968	181,048

(1) Data from 1966 exclude pre-natal visits now incorporated in Family Planning Sessions.

(2) Refers to deliveries at Kangang Kerbau Maternity Hospital, Thomson Road General Hospital and Alexandra Hospital. Deliveries at Thomson Road General Hospital and Alexandra Hospital were included from 1969 and 1972 respectively.

Source: Ministry of Health

15.8 ATTENDANCES AT GOVERNMENT CLINICS (CHILD HEALTH)
(Vaccination and Immunisation)

	Number										
	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Infant attendances	447,539	443,273	457,906	459,859	438,569	412,496	397,170	387,108	392,202	402,852	400,506
Toddler and pre-school attendances	382,931	366,345	428,211	439,477	422,829	414,071	373,025	367,766	318,280	269,207	213,397
B.C.G. attendances	14,025	14,663	15,961	15,740	13,221	11,431	12,302	13,721	12,872	10,694	10,163
Primary vaccination attendances	45,480	45,774	44,916	44,420	42,904	38,609	36,072	35,347	35,760	37,962	39,589
Diphtheria immunisation:											
Diphtheria Tetanus (Clinic)											
1st dose	6,656	9,562	26,888	12,792	10,843	10,156	7,047	7,545	6,835	5,992	5,336
2nd dose	6,469	7,907	28,566	14,194	11,876	10,950	7,795	7,591	6,888	5,763	4,923
Boosters	6,363	13,279	29,536	33,072	30,940	29,302	33,356	48,641	42,756	41,817	46,101
Diphtheria Tetanus (Kampong)											
1st dose	1,541	1,892	2,925	1,431	1,020	1,013	794	743	744	594	147
2nd dose	1,055	1,325	1,972	969	853	770	608	639	587	485	144
Boosters	740	1,056	2,809	2,084	2,117	2,635	2,816	3,981	4,066	3,037	1,104
Triple Antigen (Clinic)											
1st dose	49,534	40,474	27,810	46,522	44,429	40,812	36,313	34,986	35,512	39,876	40,694
2nd dose	44,199	40,249	25,309	43,435	44,168	40,331	36,253	33,703	33,577	38,271	38,661
3rd dose	43,372	39,506	24,943	40,406	43,919	41,209	36,759	33,067	33,088	37,731	38,210
Boosters	16,228	11,144	6,297	10,338	12,213	14,102	13,178	10,647	11,406	13,203	15,119
Triple Antigen (Kampong)											
1st dose	2,636	920	1,462	1,542	1,545	1,762	1,926	1,996	2,316	1,268	415
2nd dose	1,285	699	1,099	1,241	1,413	1,627	1,870	1,899	2,093	1,185	342
3rd dose	406	597	1,008	1,103	1,389	1,578	1,882	1,946	2,129	1,066	359
Boosters	1,127	623	355	403	559	840	897	512	513	436	163
Poliomyelitis immunisation											
1st dose	54,089	53,627	59,278	63,102	57,995	53,499	45,514	45,173	44,255	46,664	45,769
2nd dose	40,326	51,887	57,565	60,862	59,657	54,580	47,156	44,381	43,103	45,961	43,661
3rd dose	32,054	51,144	57,369	59,752	61,396	56,583	48,604	44,285	43,377	45,836	44,024
Boosters	27,965	19,407	47,215	49,850	49,589	43,484	55,787	67,742	58,256	57,367	62,242

Source: Ministry of Health

15.9 SCHOOL HEALTH: MEDICAL EXAMINATION

												Number	
			1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
New Entrants	..	..	48,567	50,936	55,800	58,089	54,726	51,942	52,441	50,966	54,074	36,362	40,989
Primary Leavers	..		36,201	40,920	48,626	49,766	51,448	55,158	59,391	53,391	57,115	40,871	47,984
Secondary Leavers	..		6,633	9,956	16,244	16,849	22,676	24,402	28,969	22,876	25,720	21,259	24,329
Re-examination	..		19,190	16,275	20,955	23,119	18,848	20,587	22,300	31,398	41,336	41,054	47,984
Others	..	..	5,252	7,202	9,216	5,288	4,239	5,836	5,324	2,993	2,896	574	19,319
Total	..	..	115,843	125,289	150,841	153,111	151,937	157,925	168,425	161,624	181,141	140,120	180,569
Boys	..	..	63,402	63,235	73,124	70,717	74,094	75,812	80,880	70,254	85,034	60,277	76,186
Girls	..	..	52,441	62,054	77,717	82,394	77,843	82,113	87,545	91,370	96,107	79,843	104,383

Source: Ministry of Health

15.10 SCHOOL MEDICAL EXAMINATION: PERCENTAGE OF INCIDENCE, BOYS

	Percentage										
	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Incidence of:											
Dental caries	40.59	35.85	32.32	30.66	27.01	32.34	30.96	26.56	27.25	26.28	19.53
Skin infection	3.70	4.11	3.46	4.22	3.61	5.72	4.90	5.95	6.41	5.59	3.13
Eyes: Infection	.91	1.51	.90	.99	.74	.44	.38	.59	.30	.53	.05
Defective vision ..	5.72	6.33	6.81	9.09	8.65	7.34	7.65	21.77	17.22	22.51	17.66
E.N.T. Enlarged tonsils ..	.52	.16	.15	.35	.08	.05	.01	.07	.09	.02	.01
Ear infections	.39	.47	.22	.13	.08	.06	.05	.07	.08	.43	.12
Cardiac disease	.65	.77	.73	.29	.99	1.23	.77	1.21	1.34	1.71	.69
Respiratory infection ..	1.53	1.31	.76	.45	.32	.44	1.15	.68	.79	.57	.09
Genito - Urinary	6.10	6.17	5.90	4.65	3.34	5.01	4.74	6.51	7.16	7.93	5.57
Anaemia (under 60% Hg) ..	.46	.12	.09	.16	.13	.65	2.05	.81	.16	.07	.05
Worm infestation	.76	4.16	.70	5.56	1.93	4.11	2.79	.53	.77	.93	.06
Other abnormalities incl. postural defects, cleft palate, chest deformities	2.27	2.49	1.32	2.02	1.45	1.90	1.47	1.68	1.39	3.39	1.02
Children examined (number)	63,402	63,235	73,124	70,717	74,094	75,812	80,880	70,254	85,034	60,277	76,186

Source: Ministry of Health

15.11 SCHOOL MEDICAL EXAMINATION: PERCENTAGE OF INCIDENCE, GIRLS

	Percentage										
	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Incidence of:											
Dental caries	38.68	40.01	40.66	35.91	26.32	19.59	25.69	25.84	23.00	17.40	16.87
Skin infection	6.94	5.35	5.14	5.66	5.80	5.62	6.26	11.67	9.70	5.08	4.24
Eyes: Infection	.35	.34	.39	.50	1.04	1.11	1.28	1.25	.58	.64	.09
Defective vision ..	10.17	9.02	10.08	10.42	12.37	12.32	15.35	20.06	26.40	28.32	21.11
E.N.T. Enlarged tonsils ..	.22	.19	.23	.02	.02	.06	.33	.32	.46	.05	.06
Ear infections ..	.07	.06	.09	.09	.11	.15	.19	.18	.19	.23	.11
Cardiac disease	.52	.44	.59	.39	.53	.57	.66	.60	.49	.38	.62
Respiratory infection ..	1.14	2.04	1.56	1.91	1.32	.82	1.26	1.24	1.02	.78	.52
Genito - Urinary	.24	.29	.29	.27	.33	.32	.33	.59	.47	.38	.67
Anaemia (under 60% HG) ..	1.28	.96	.48	.16	.19	.11	.13	.08	.05	.04	.06
Work infestation	4.58	5.47	4.45	4.24	3.11	1.51	3.73	3.37	3.36	1.88	1.32
Other abnormalities incl. postural defects, cleft palate, chest deformities	1.54	2.00	1.21	1.68	1.45	.94	1.12	2.62	1.40	1.71	.71
Children examined (number)	52,441	62,054	77,717	82,394	77,843	82,113	87,545	91,370	96,107	79,843	104,383

Source: Ministry of Health

15.12 FAMILY PLANNING CLINIC ATTENDANCES

Year	Total Attendances	New Cases	Number
			Re-Visits
1963	60,197	8,429	51,768
1964	78,368	9,339	69,029
1965	103,986	9,845	94,141
1966	123,822	32,555	91,267
1967	223,294	32,284	191,010
1968	325,518	36,355	289,163
1969	394,626	35,643	358,983
1970	403,566	24,230	379,336
1971	393,379	17,749	375,630
1972	389,185	17,666	371,519
1973	404,504	19,102	385,402

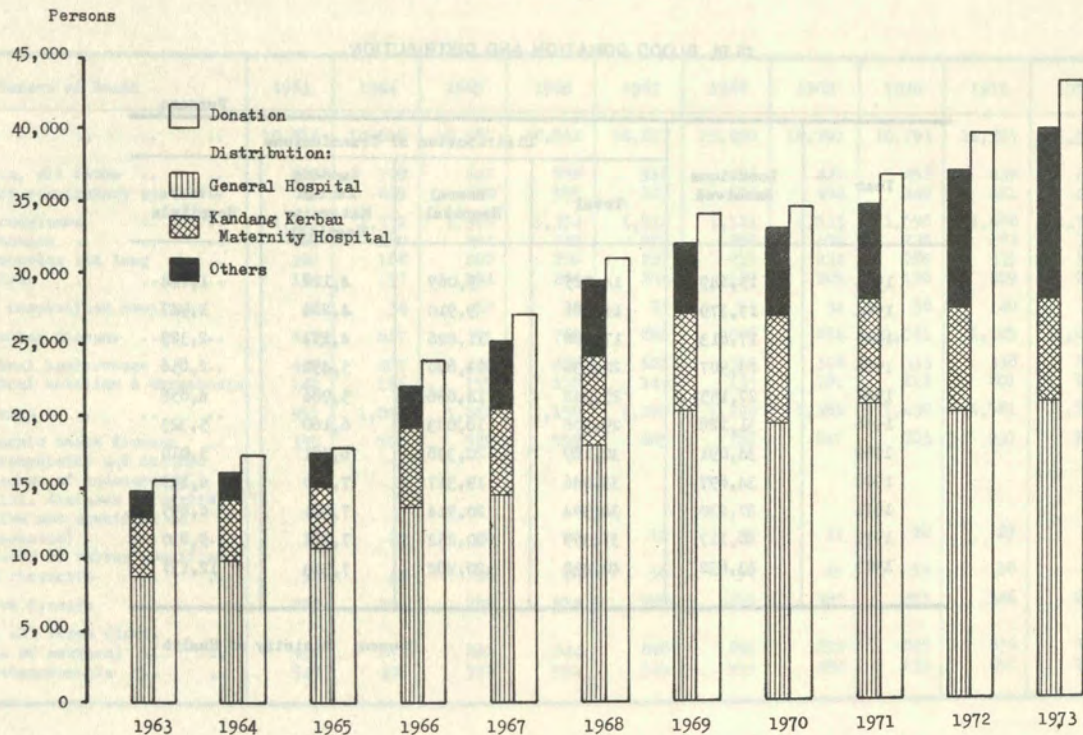
Source: Singapore Family Planning Association
Singapore Family Planning and
Population Board

15.13 X-RAYS AND TUBERCULOSIS TREATMENT

Year	Number					
	New T.B. Cases Admitted for Treatment		T.B. Patients under Active Treatment (At end period)		Chest X-rays Taken	
	S.A.T.A.	T.T.S.H.	S.A.T.A.	T.T.S.H.	S.A.T.A.	T.T.S.H.
1963	1,288	3,006	3,047	3,045	163,566	81,847
1964	1,140	2,665	2,771	2,973	136,362	79,321
1965	1,093	2,894	2,407	3,228	129,755	79,419
1966	953	2,429	2,077	2,927	130,001	72,698
1967	834	2,719	1,958	3,082	125,483	74,571
1968	796	2,764	1,868	3,717	126,752	73,771
1969	703	2,761	1,632	2,936	130,514	57,220
1970	639	2,556	1,307	2,771	133,082	54,059
1971	545	2,681	1,050	2,533	127,326	55,213
1972	496	950	937	5,671	137,338	51,347
1973	533	874	943	6,899	154,211	52,990

Source: Singapore Anti-Tuberculosis Association (S.A.T.A.)
Tan Tock Seng Hospital (T.T.S.H.)

BLOOD DONATION AND DISTRIBUTION



15.14 BLOOD DONATION AND DISTRIBUTION

Year	Donations Received	Persons			
		Distribution of Transfusions			
		Total	General Hospital	Kandang Kerbau Maternity Hospital	Other Hospitals
1963	15,649	14,925	9,069	4,112	1,744
1964	17,379	16,081	9,910	4,224	1,947
1965	17,813	17,606	11,026	4,251	2,329
1966	23,907	22,236	13,890	5,490	2,856
1967	27,155	25,342	14,698	5,986	4,658
1968	31,128	29,506	18,023	6,160	5,323
1969	34,091	32,189	20,398	6,781	5,010
1970	34,697	33,046	19,317	7,570	6,159
1971	37,230	34,994	20,914	7,381	6,699
1972	40,117	37,359	20,252	7,277	9,830
1973	43,832	40,432	20,982	7,313	12,137

Source: Ministry of Health

15.15 DEATHS BY MAJOR CAUSES

Causes of Death	Number										
	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
All Causes	10,214	10,510	10,381	10,552	10,617	11,050	10,291	10,793	11,355	11,530	11,941
Tuberculosis, all forms	669	710	647	576	551	496	420	458	439	490	450
of the respiratory system ..	647	685	621	555	528	474	404	449	421	471	396
Malignant neoplasms	1,313	1,332	1,386	1,354	1,512	1,521	1,533	1,596	1,688	1,773	1,864
(i) of stomach	281	280	254	242	289	259	300	239	273	316	303
(ii) of bronchus and lung ..	202	188	202	206	229	255	232	289	335	343	352
(iii) of liver	174	157	194	203	204	187	205	196	229	220	248
Benign and unspecified neoplasms	46	34	52	35	27	53	44	38	40	48	49
Cerebrovascular disease	641	647	701	765	866	608	864	1,041	1,105	1,081	1,134
(i) Cerebral haemorrhage ..	437	407	440	488	622	367	318	333	338	295	286
(ii) Cerebral embolism & thrombosis	142	186	155	152	142	133	181	212	201	199	197
Heart diseases	951	1,005	1,062	1,150	1,200	1,220	1,389	1,430	1,581	1,525	1,680
(i) Ischaemic heart disease ..	399	502	529	598	605	701	847	823	937	941	1,114
(ii) Cardiomyopathy and chronic disease of endocardium (incl. diseases of aortic valve not specified as rheumatic)	32	26	40	31	14	35	31	20	29	38	37
(iii) Diseases of valves specified as rheumatic	58	47	46	40	50	58	45	59	58	33	46
Hypertensive disease	229	249	287	274	268	650	380	357	346	294	287
Pneumonia, all forms (incl. pneumonia of newborn)	930	877	862	944	898	891	659	847	876	953	953
Bronchopneumonia	547	496	521	591	549	555	480	639	658	758	766

15.15 DEATHS BY MAJOR CAUSES (continued)

Causes of Death	Number										
	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Bronchitis, emphysema and asthma	296	371	358	325	322	345	414	451	429	436	404
Chronic bronchitis ..	100	132	142	129	136	239	183	208	202	195	179
Gastro-enteritis and colitis ..	247	174	167	192	173	124	146	138	124	117	111
Cirrhosis of liver	107	96	120	103	102	122	125	151	136	150	141
Nephritis, all forms	181	168	138	130	151	133	134	154	159	169	185
Chronic nephritis	109	115	94	72	74	54	93	120	134	139	159
Birth injury and difficult labour	155	165	111	74	73	49	41	56	41	42	24
Anoxic and hypoxic condition not elsewhere classified	122	234	263	303	267	133	95	120	133	114	144
Motor vehicle accidents	201	212	237	260	223	295	294	280	345	372	371
Accidental drowning and submersion	79	99	86	104	103	89	66	75	74	51	58
Suicide, all forms	155	147	146	193	186	223	188	185	230	235	242
(i) Hanging, strangulation and suffocation	71	67	60	72	73	86	71	60	76	78	76
(ii) Jumping from high places ..	36	30	36	67	63	85	76	78	102	96	99

Notes: Figures include deaths of non-locally domiciled services personnel and members of their families.

Source: Ministry of Health

16. CULTURE

Radio and Television

The Broadcasting Division provides radio and television services in Singapore. Educational and entertainment programmes as well as other types of information are transmitted in all the 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 over 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 Rediffusion Service, a private undertaking, also provides direct sound broadcasts 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 or premises or in a motor vehicle. A licence permits the use of one or more television receivers and one or more radios in any one place of residence. The licence fee is currently \$36 for the use of a television receiver with or without additional radio sets and \$12 for a radio receiver only. Rediffusion subscribers pay an additional \$1 per month in lieu of licence fee.

Cinemas

Data on cinemas are obtained from the Customs and Excise Department. Under the Entertainments 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 is a public library maintained by the Government and provides essential library facilities to the community. In addition to

the central library in Stamford Road, there are two full-time branch libraries, one in Queenstown and the other in Toa Payoh, and two part-time branch libraries at the Siglap and Joo Chiat Community Centres. The library also provides mobile library services at various community centres regularly.

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, musical scores, etc. The Library also has a microfilm unit and many documents and publications are on microfilm.

16.1 NUMBER OF RADIO AND TELEVISION LICENCES
AND REDIFFUSION SUBSCRIBERS
(At end period)

Year	Broadcast Receiving Licences		Number
	Radio	Radio and Television	Rediffusion Subscribers
1963	106,391	30,838	52,860
1964	88,038	54,960	49,415
1965	80,286	62,921	47,801
1966	80,703	83,944	47,346
1967	81,585	96,164	48,568
1968	81,261	113,313	52,181
1969	82,750	130,705	57,034
1970	82,893	156,848	60,704
1971	78,223	179,178	63,791
1972	72,924	204,847	68,903
1973	71,811	230,652	74,689

Source: Inland Revenue Department
Rediffusion (S) Ltd

16.2 TELEVISION AND RADIO: HOURS OF TRANSMISSION PER WEEK

Year	Television	Radio					
		Total	National Language	Chinese	Indian	English	FM Stereo
1963	63½	347½	70½	115½	49	112½	-
1964	63½	504	126	147	105	126	-
1965	70½	466	116	137	99	114	-
1966	70½	466	116	137	99	114	-
1967	73½	466	116	137	99	114	-
1968	88	525	133	154	112	126	-
1969	106½	581	133	154	112	126	56
1970	106½	581	133	154	112	126	56
1971	106½	581	133	154	112	126	56
1972	106½	581	133	154	112	126	56
1973	106½	581	133	154	112	126	56

Source: Department of Broadcasting

16.3 CINEMAS

Year	Number of Cinemas			Total Seating Capacity ('000)	Attendances ('000)
	Total	Air Conditioned	Other		
1963	71	23	48	51	24,550
1964	70	25	45	51	22,564
1965	73	29	44	55	24,227
1966	75	32	43	57	25,910
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

Source: Customs and Excise Department

16.4 VOLUME OF BOOKS AVAILABLE AT THE NATIONAL LIBRARY

Year	Number				
	Total	Malay	Chinese	Indian	English
1963	160,000	12,000	30,000	9,000	109,000
1964	204,000	17,000	45,000	11,000	131,000
1965	240,000	22,000	57,000	12,000	149,000
1966	286,000	33,500	65,500	18,000	169,000
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	139,922	38,422	275,573
1972	585,097	77,371	153,532	43,916	310,278
1973	702,696	90,238	195,915	57,537	359,006

Source: Singapore National Library

To be purchased from the
Singapore National Printers Publications Sales Division
Fullerton Building (Ground Floor), Singapore.

Price: \$5