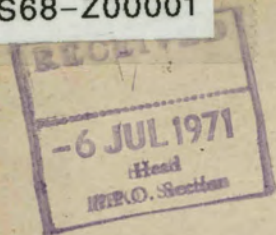


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YEARBOOK OF STATISTICS SINGAPORE 1970

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Chief Statistician
Department of Statistics
Singapore

PREFACE

The Yearbook of Statistics, Singapore, 1970, is the fourth 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 fourth 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 preparation of the data for the Yearbook and the brief explanatory notes on the scope and coverage of the respective series was done 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 the Yearbook.

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KNY INDICATORS

YEAR	Population (Mid-year Estimates)	Gross Domestic Product at factor cost	Per Capita GDP	Manufacturing Establishments		External Trade		
				Output	Index of Production (1968 = 100)	Total	Imports	Exports
				\$ Million		\$ Million		
1960	1,634.1	2,046.0	1,252	1,667.1	-	7,554.8	4,077.7	3,477.1
1961	1,687.3	2,239.8	1,327	1,415.0	-	7,271.8	3,963.3	3,308.5
1962	1,732.8	2,371.4	1,369	1,740.7	-	7,452.6	4,035.8	3,416.8
1963	1,775.2	2,683.8	1,512	1,591.9	-	7,753.6	4,279.1	3,474.5
1964	1,820.0	2,700.3	1,484	1,544.9	-	6,250.7	3,478.8	2,771.9
1965	1,864.9	3,043.4	1,632	1,686.0	-	6,811.3	3,807.2	3,004.1
1966	1,913.5	3,365.2	1,759	1,979.9	76.3	7,439.3	4,065.7	3,373.6
1967	1,955.6	3,692.1	1,888	2,254.0	84.8	7,896.9	4,406.4	3,490.5
1968	1,987.9	4,257.0	2,141	2,806.2	100.0	8,974.5	5,083.8	3,890.7
1969	2,016.8	4,840.1	2,400	4,290.8	118.9	10,984.3	6,243.6	4,740.7
1970	2,074.5 ⁽¹⁾	5,564.5 ⁽²⁾	2,682	4,951.9 ⁽²⁾	139.2	12,289.6	7,533.8	4,755.8

(1) Census of Population, 1970.

(2) Preliminary

KEY INDICATORS (Continued)

YEAR	Cargo Handled			Passenger Arrivals	Commercial Banks		Money Supply	Official Foreign Assets	Government Revenue	Consumer Price Index (April/May 1960=100)
	Total	Loaded	Discharged		Deposits of Customers (other than Banks)	Loans and Advances to Customers (other than Banks)				
	Thousand Freight Tons				Persons	\$ Million				
1960	14,889.7	5,287.3	9,602.4	142,955	848.6	584.4	-	-	311.3	100.1
1961	18,258.0	6,507.1	11,750.9	160,756	892.8	629.5	-	-	397.4	100.4
1962	21,067.1	7,663.5	13,403.6	169,115	1,019.9	731.1	-	-	418.8	100.9
1963	21,593.7	7,853.4	13,740.3	167,772	1,092.0	791.9	841	1,325.8	469.6	103.1
1964	18,051.1	6,169.0	11,882.1	163,275	1,137.2	876.8	854	1,318.7	432.9	104.7
1965	21,340.3	7,980.3	13,360.0	182,938	1,222.0	913.9	895	1,316.1	507.6	105.0
1966	26,638.0	10,094.5	16,543.5	212,985	1,412.1	1,026.3	1,006	1,486.1	585.2	107.1
1967	30,340.3	11,943.0	18,397.3	276,534	1,828.2	1,105.6	985	1,700.7	663.0	110.6
1968	35,637.5	13,959.3	21,678.2	328,345	2,309.7	1,351.4	1,197	2,256.0	803.0	111.4
1969	37,904.2	15,334.8	22,569.4	428,482	2,745.4	1,727.1	1,421	2,904.2	1,261.2 ⁽³⁾	111.1
1970	42,159.8	15,720.4	26,439.4	546,019	3,194.9	2,167.7	1,651	3,561.7	1,041.3 ⁽⁴⁾	111.5

(3) Refers to Financial Year 1st January, 1969 to 31st March, 1970.

(4) Refers to Financial Year 1st April, 1970 to 31st March, 1971.

1. CLIMATE AND LAND UTILIZATION

The Island Republic of Singapore is situated in the centre of the Malayan Archipelago. This location at the focal point of the trading routes of the region has contributed greatly to the development of Singapore as an entrepot trading and commercial and financial centre of South East Asia. The main island measures about 26 miles from east to west and 14 miles from north to south. There are a few small islands scattered around the northeast and southern parts of the main island and together they comprise the land area of Singapore, which is approximately 225.6 square miles.

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 River Kranji flowing into the Johore Straits and River Jurong 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 87°F. and the minimum 75°F. 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 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 (°F)		Mean Relative Humidity at 1.30 p.m. (%)	Rainfall			Bright Sunshine Daily Mean Hours
	Maximum	Minimum		Total (ins.)	Maximum in a day (ins.)	Number of rainy days	
1963	87.9	74.2	71	71.61	4.35	142	5.78
1964	87.2	74.0	73	111.25	5.75	212	5.02
1965	87.8	73.6	69	72.94	5.65	156	5.60
1966	87.7	74.7	70	97.65	2.37	190	5.27
1967	87.0	74.3	71	114.58	6.40	178	5.33
1968	87.3	74.3	70	81.78	4.92	176	5.64
1969	87.4	74.8	74	90.13	12.40	185	5.54
1970	87.2	74.4	74	89.65	3.32	192	5.36

Source: Meteorological Department

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. Post-war censuses were carried out in 1947 and 1957 separately for Singapore, whereas in the pre-war censuses, Singapore was included as part of the Straits Settlements and later of Malaya.

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 rose from 4,178 persons per square mile in 1947 and 6,439 persons per square mile in 1957 to 9,220 persons per square mile 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 and the islands. They excluded non-locally domiciled Services person-

nel (including United Kingdom-based civilians employed by the Services) 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 annually using census data and estimates of natural increase based on the data on births and 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 included.

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 Ordinance, 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

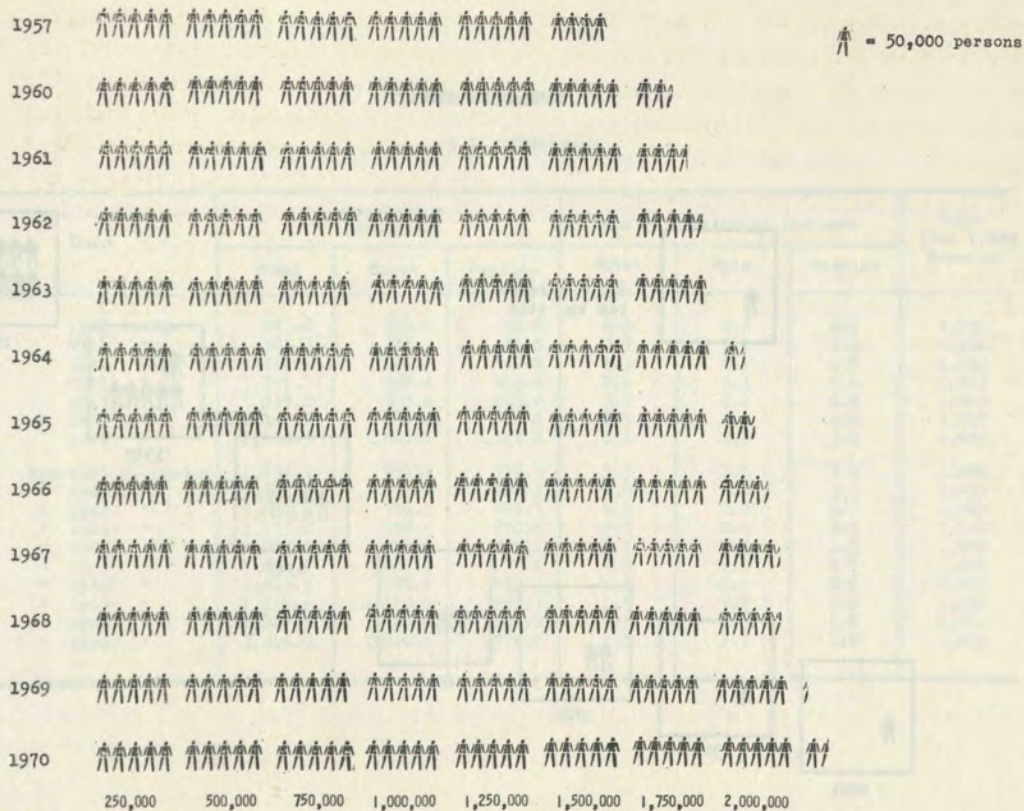
all maternity hospitals. Deaths are registered at the Registry of Births and Deaths, government and military hospitals and certain police stations. The registration system is comprehensive and the records of vital statistics are virtually complete.

There has been a marked decline in birth rates from about 37.8 per thousand population in 1960 to 22.1 in 1970 while death rates have shown some decline from 6.2 per thousand population to 5.2 during the same period. The expectancy of life calculated on the basis of the last Census of Population was about 60.3 years for males and 65.2 years for females.

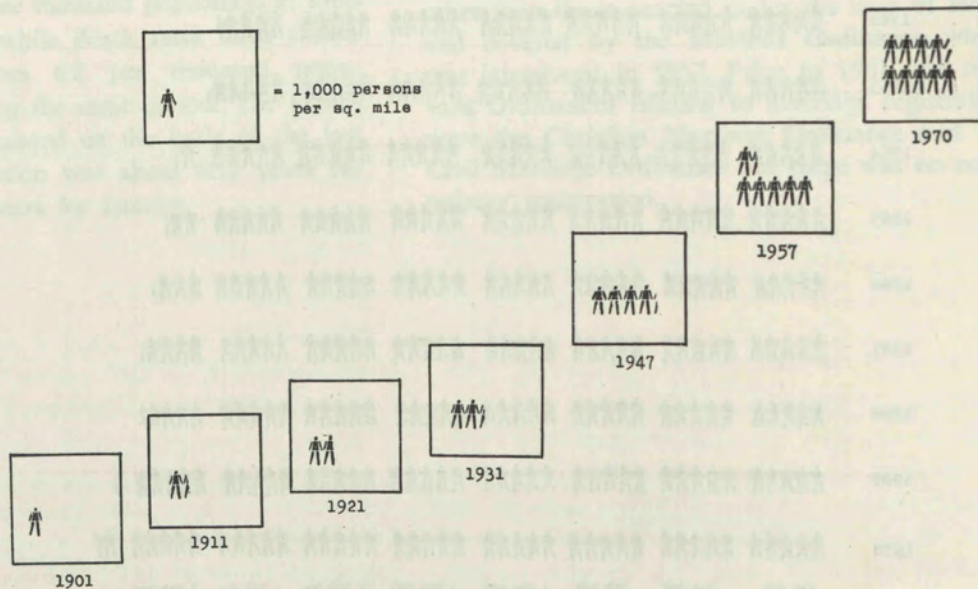
Marriages

All marriages in Singapore are registered under the Women's Charter, 1961, and the Muslims Ordinance, 1957. The Women's Charter was enacted in September 1961 and provides for monogamous marriages and for the solemnization and compulsory registration of all marriages other than those enacted under the laws of Islam and covered by the Muslims Ordinance which was introduced in 1957. Prior to 1961, the relevant Ordinances relating to marriage registration were the Christian Marriage Ordinance and the Civil Marriage Ordinance but there was no compulsory registration.

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-1960 Estimates	1,634.1	855.6	778.5	3.3	3.0	3.5	1,099
" 1961 "	1,687.3	881.2	806.1	2.8	2.5	3.1	1,093
" 1962 "	1,732.8	903.3	829.5	2.5	2.2	2.7	1,089
" 1963 "	1,775.2	922.7	852.5	2.5	2.3	2.7	1,082
" 1964 "	1,820.0	944.9	875.1	2.5	2.4	2.5	1,080
" 1965 "	1,864.9	967.5	897.4	2.5	2.3	2.7	1,078
" 1966 "	1,913.5	991.1	922.4	2.6	2.5	2.6	1,074
" 1967 "	1,955.6	1,012.9	942.7	1.8	1.7	1.9	1,074
" 1968 "	1,987.9	1,028.0	959.9	1.5	1.2	1.8	1,071
" 1969 "	2,016.8	1,040.1	976.7	1.5	1.3	1.6	1,065

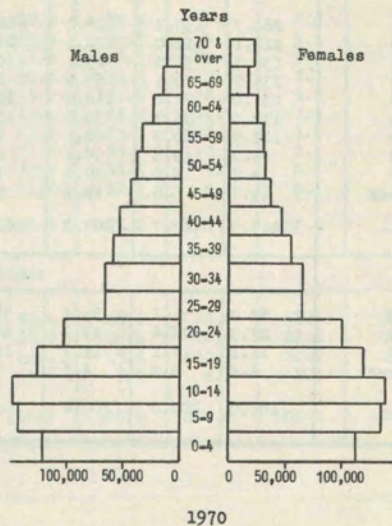
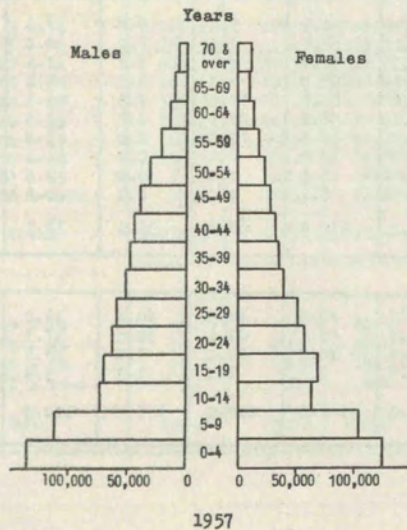
2.2 POPULATION BY ETHNIC GROUP

Thousand Persons

Year	Total	Malays	Chinese	Indians	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-1960 Estimates	1,634.1	227.3	1,230.7	137.8	38.3
" 1961 "	1,687.3	236.4	1,269.1	141.5	40.3
" 1962 "	1,732.8	243.4	1,302.5	143.7	43.2
" 1963 "	1,775.2	249.2	1,334.5	146.1	45.4
" 1964 "	1,820.0	257.8	1,366.5	149.9	45.8
" 1965 "	1,864.9	266.6	1,396.5	153.7	48.1
" 1966 "	1,913.5	276.1	1,427.0	156.6	53.8
" 1967 "	1,955.6	283.5	1,454.5	159.4	58.2
" 1968 "	1,987.9	287.7	1,478.6	161.2	60.4
" 1969 "	2,016.8	292.6	1,499.8	161.2	63.2

AGE PYRAMIDS

1957 & 1970



2.3 POPULATION BY AGE GROUP AND ETHNIC GROUP, 1957 CENSUS

Thousand Persons

Age Group (In years)	Total			Malays		Chinese		Indians		Others	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
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
Total	1,445.9	762.7	683.2	103.3	93.8	555.7	534.9	86.0	38.1	17.7	16.4
Percentage											
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
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

2.4. POPULATION BY AGE GROUP AND ETHNIC GROUP, 1970 CENSUS

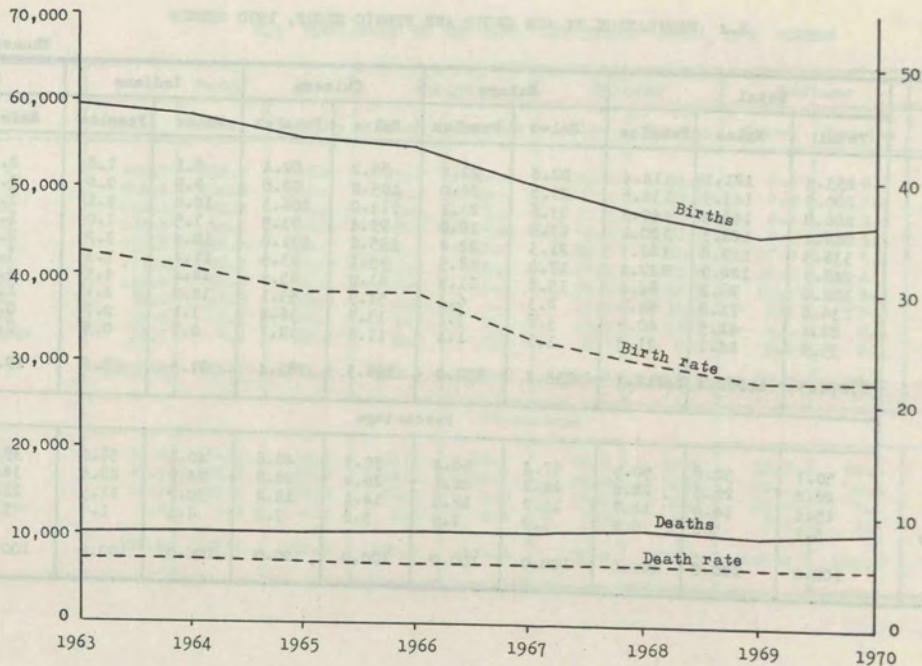
Thousand Persons

Age Group (In years)	Total			Malays		Chinese		Indians		Others	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
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
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
Percentage											
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
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

BIRTHS & DEATHS

Rate Per 1,000
Mid-year population

Persons



2.5 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	33.5	5.7	28.1	27.8
1964	58,217	10,434	1,738	32.0	5.7	29.9	26.3
1965	55,725	10,263	1,464	29.9	5.5	26.3	24.4
1966	54,680	10,444	1,410	28.6	5.5	25.8	23.1
1967	50,560	10,523	1,253	25.9	5.4	24.8	20.5
1968	47,241	10,982	1,105	23.8	5.5	23.4	18.2
1969	44,562	10,224	930	22.1	5.1	20.9	17.0
1970	45,934	10,717	942	22.1	5.2	20.5	17.0

2.6 MARRIAGES REGISTERED BY ETHNIC GROUP

Year	Under Women's Charter					Under Muslims Ordinance				Number
	Total	Chinese	Indians	Other Races	Inter-racial	Total	Malays	Other Races	Inter-racial	All Marriages Registered
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

2.7 MARRIAGES REGISTERED BY AGE GROUP OF GROOM AND BRIDE

Age Group	Number							
	1969				1970			
	Groom		Bride		Groom		Bride	
	Women's Charter	Muslims Ordinance	Women's Charter	Muslims Ordinance	Women's Charter	Muslims Ordinance	Women's Charter	Muslims Ordinance
All Ages	10,657	1,972	10,657	1,972	12,300	2,272	12,300	2,272
Under 15	-	-	-	-	-	-	-	-
15 - 19	85	64	1,202	824	111	86	1,308	872
20 - 24	3,047	765	5,817	799	3,825	969	7,060	1,036
25 - 29	4,596	666	2,679	171	4,920	659	2,859	164
30 - 34	1,990	226	678	75	2,311	293	744	75
35 - 39	580	87	173	40	678	105	199	56
40 - 44	168	65	61	33	237	54	66	44
45 - 49	87	41	28	21	97	37	29	11
50 & Over	104	56	19	7	121	69	35	14
Unknown	-	2	-	2	-	-	-	-

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

3. LABOUR AND EMPLOYMENT

Comprehensive data on labour force and employment are not available in a regular series. 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 1962-1968 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.

Workmen, clerks, industrial clerks, and shop assistants were defined as follows:—

Workman refers to an artificer, journeyman or manual worker, whether skilled or unskilled, and any person employed in mechanically propelled commercial transport.

Clerk refers to any person employed in or about the business of an office whose salary is not more than \$500 per month.

Industrial Clerk refers to any person employed in clerical work, complementary or supervisory to the work of workmen and whose salary is not more than \$500 per month.

Shop Assistant refers to any person employed in or about the business of a shop whose salary is not more than \$400 per month.

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 of Occupations, 1969, adapted from the International Standard Classification of Occupations (Revised), of the I.L.O. 1968.

Employment Exchange

The Employment Exchange of the Ministry of Labour provides free services for the registration of persons seeking the assistance of the Exchange in looking for employment. It also provides a

service to employers in assisting them to recruit workers.

Persons registered are required to inform the Exchange within seven days after they have found employment. Registrants are expected to renew their registration every six months and those who fail to renew their registration or who could not be located by mail are taken off the "live" register. Thus, the total number of persons on the "live" register refers to persons who have registered and have not been removed from the register for any of the reasons mentioned above.

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 Ordinance, every employer, other than Government and employers operating approved funds, is required to pay monthly contributions to the Fund in respect of each employee. The data obtained from the Central Provident Fund records provides 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 payable for employees earning less than \$200 a month was 5 per cent of the wage for the month and for employees earning more than \$200 a month it was 10 per cent, subject to a maximum contribution of \$50 a month. In September 1968, the rate of contribution was raised to 6½ per cent and 13 per cent respectively subject to a maximum of \$300 a month. A further increase in the rate of contribution to 8 per cent and 16 per cent respectively with a maximum of \$300 a month took effect from 1st January 1970.

3.1 WORKMEN, CLERKS, INDUSTRIAL CLERKS AND SHOP ASSISTANTS
(As at end of September)

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

Source: Ministry of Labour

3.2 PERSONS ENGAGED BY OCCUPATION GROUP, SECTOR AND SEX, 1969
(As at end of September)

Number

Occupation Group	Both Sectors			Private Sector			Public Sector		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
Professional, Technical and Related Workers ..	44,310	26,360	17,950	14,411	9,924	4,487	29,899	16,436	13,463
Administrative and Managerial Workers ..	13,258	12,361	897	12,439	11,650	789	819	711	108
Clerical and Related Workers	72,936	53,827	19,109	54,908	40,223	14,685	18,028	13,604	4,424
Sales Workers	44,297	36,066	8,231	44,251	36,027	8,224	46	39	7
Service Workers	54,557	40,599	13,958	35,739	24,040	11,699	18,818	16,559	2,259
Agricultural and Fishery Workers	2,363	2,042	321	1,439	1,141	298	924	901	23
Transport Workers ..	24,841	24,575	266	16,670	16,561	109	8,171	8,014	157
Production Workers and Labourers	142,918	102,834	40,084	123,570	83,814	39,756	19,348	19,020	328
Total, All Occupation Groups	399,480	298,664	100,816	303,427	223,380	80,047	96,053	75,284	20,769

Notes: Figures are obtained from mandatory labour returns submitted by employers under the Employment Act, 1968. The data cover working proprietors, unpaid family workers, employees and other workers. Domestic servants, certain categories of own account workers (e.g. hawkers) and members of the armed forces are excluded.

Source: Ministry of Labour

3.3 PERSONS ENGAGED BY OCCUPATION GROUP, SECTOR AND SEX, 1970
(As at end of September)

Occupation Group	Both Sectors			Private Sector			Public Sector		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
Professional, Technical and Related Workers ..	46,359	27,258	19,101	16,865	11,693	5,172	29,494	15,565	13,929
Administrative and Managerial Workers ..	13,409	12,463	946	12,578	11,740	838	831	723	108
Clerical and Related Workers	82,759	57,657	25,102	62,578	43,343	19,235	20,181	14,314	5,867
Sales Workers	49,164	39,351	9,813	49,117	39,308	9,809	47	43	4
Service Workers	57,410	41,714	15,696	38,579	25,191	13,388	18,831	16,523	2,308
Agricultural and Fishery Workers	2,218	1,859	359	1,352	1,013	339	866	846	20
Transport Workers ..	27,127	26,906	221	18,944	18,871	73	8,183	8,035	148
Production Workers and Labourers	165,339	112,292	53,047	145,821	93,185	52,636	19,518	19,107	411
Total, All Occupation Groups	443,785	319,500	124,285	345,834	244,344	101,490	97,951	75,156	22,795

Notes: See notes to Table 3.2

Source: Ministry of Labour

3.4 PERSONS ENGAGED BY INDUSTRY AND OCCUPATIONAL STATUS, 1969
(As at end of September)

Industry	Occupational Status				Number
	Total	Working Proprietors/ Partners	Unpaid Family Workers	Employees and Other Paid Workers	
Agriculture and Fishing	2,361	133	96	2,132	
Mining and Quarrying	1,663	28	-	1,635	
Manufacturing	110,013	5,488	2,229	102,296	
Construction	21,247	1,017	163	20,067	
Electricity, Gas, Water and Sanitary Services	13,098	-	-	13,098	
Commerce	89,314	15,100	6,016	68,198	
Transport, Storage and Communication	38,225	794	92	37,339	
Services	123,559	5,673	2,541	115,345	
Total, All Industries	399,480	28,233	11,137	360,110	

Notes: See notes to Table 3.2

Sources: Ministry of Labour

3.5 PERSONS ENGAGED BY INDUSTRY AND OCCUPATIONAL STATUS, 1970
(As at end of September)

Industry	Occupational Status				Number
	Total	Working Proprietors/ Partners	Unpaid Family Workers	Employees and Other Paid Workers	
Agriculture and Fishing	2,231	214	127	1,890	
Mining and Quarrying	1,677	42	5	1,630	
Manufacturing	132,898	5,474	2,213	125,211	
Construction	22,120	1,482	222	20,416	
Electricity, Gas, Water and Sanitary Services	13,935	4	-	13,931	
Commerce	99,676	17,897	7,570	74,209	
Transport, Storage and Communication	42,143	969	98	41,076	
Services	129,105	5,190	1,617	122,298	
Total, All Industries	443,785	31,272	11,852	400,661	

Notes: See notes to Table 3.2

Source: Ministry of Labour

3.6 PERSONS ENGAGED BY INDUSTRY AND OCCUPATION GROUP, 1969
(As at end of September)

Occupation Group Industry		Number							
		All Occupation Groups	Professional, Technical & Related Workers	Administrative & Managerial Workers	Clerical and Related Workers	Sales Workers	Service Workers	Agricultural and Fishery Workers	Transport Workers and Labourers
Agriculture and Fishing		2,361	60	84	222	60	47	1,561	92 235
Mining and Quarrying ..		1,663	36	68	235	4	38	-	66 1,216
Manufacturing		110,013	2,740	3,717	8,707	2,835	1,443	182	2,895 87,494
Construction		21,247	972	446	2,043	57	608	45	1,313 15,763
Electricity, Gas, Water and Sanitary Services		13,098	510	104	1,487	12	214	-	314 10,457
Commerce		89,314	1,596	5,948	25,151	40,485	4,351	107	3,068 8,608
Transport, Storage and Communication ..		38,225	1,362	1,299	13,607	321	1,474	11	14,354 5,797
Services		123,559	37,034	1,592	21,484	523	46,382	457	2,739 13,348
Total - All Industries		399,480	44,310	13,258	72,936	44,297	54,557	2,363	24,841 142,918

Notes: See notes to Table 3.2

Source: Ministry of Labour

3.7 PERSONS ENGAGED BY INDUSTRY AND OCCUPATION GROUP, 1970

(As at end of September)

Occupation Group Industry	Number								
	All Occupational Groups	Professional, Technical & Related Workers	Administrative & Managerial Workers	Clerical and Related Workers	Sales Workers	Service Workers	Agricultural and Fishery Workers	Transport Workers	Production Workers and Labourers
Agriculture and Fishing	2,231	64	89	250	73	40	1,239	60	416
Mining and Quarrying ..	1,677	102	71	278	19	7	-	92	1,108
Manufacturing	132,898	3,388	3,822	10,653	2,819	2,094	27	3,257	106,838
Construction	22,120	1,114	407	2,811	80	382	59	1,660	15,607
Electricity, Gas, Water and Sanitary Services	13,935	619	35	1,747	18	322	-	353	10,841
Commerce	99,676	782	4,324	19,293	43,784	18,436	86	3,279	9,692
Transport, Storage and Communication ..	42,143	1,595	1,273	15,766	368	1,852	-	15,342	5,947
Services	129,105	38,695	3,388	31,961	2,003	34,277	807	3,084	14,890
Total - All Industries	443,785	46,359	13,409	82,759	49,164	57,410	2,218	27,127	165,339

Notes: See notes to Table 3.2

Source: Ministry of Labour.

3.8 REGISTRATION AT EMPLOYMENT EXCHANGE

Year	No. on 'live' register (as at end of year)	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

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

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

Source: Ministry of Labour

3.10 INDUSTRIAL STOPPAGES

Year	Number of stoppages by cause				Workers Involved	Man-Days Lost
	Total	Dismissal	Wages	Others		
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

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

Source: Ministry of Labour

3.11 CONTRIBUTORS TO THE CENTRAL PROVIDENT FUND BY WAGE LEVEL
(As at end of December)

Wages for Month	1966		1967		1968		1970	
	Number	%	Number	%	Number	%	Number	%
Below \$100	46,720	17.4	47,126	17.7	51,130	18.5	66,070	17.9
\$100 to under \$200	116,205	43.2	114,170	42.8	114,826	41.6	146,753	39.7
\$200 to under \$300	51,477	19.1	51,968	19.5	53,578	19.4	68,788	18.6
\$300 to under \$400	19,672	7.3	19,066	7.1	20,117	7.3	31,578	8.5
\$400 to under \$500	11,760	4.4	11,669	4.4	12,298	4.4	18,469	5.0
\$500 and over	23,292	8.6	22,601	8.5	24,370	8.8	38,284	10.3
Total	269,126	100.0	266,600	100.0	276,319	100.0	369,942	100.0

Source: Central Provident Fund Board

3.12 CONTRIBUTORS TO THE CENTRAL PROVIDENT FUND BY AGE GROUP

(As at end of December)

Age Group	1967		1968		1969		1970	
	Number	%	Number	%	Number	%	Number	%
Under 15	723	0.2	863	0.2	1,333	0.2	1,883	0.3
15 to under 20	34,608	7.4	42,747	8.5	60,335	10.8	81,181	12.7
20 to under 25	72,073	15.7	89,950	17.8	108,416	19.4	136,029	21.3
25 to under 30	79,529	17.1	84,687	16.8	84,305	15.1	84,618	13.2
30 to under 35	63,729	13.7	71,243	14.1	78,889	14.1	86,326	13.5
35 to under 40	53,938	11.6	56,355	11.2	59,530	10.6	65,532	10.3
40 to under 45	43,185	9.3	47,055	9.3	50,103	8.9	54,407	8.5
45 to under 50	35,278	7.6	37,518	7.4	38,935	7.0	41,194	6.5
50 to under 55	27,720	6.0	30,333	6.0	31,523	5.6	33,958	5.3
Over 55	18,314	3.9	27,704	5.5	32,497	5.8	37,496	5.9
Age not stated	34,932	7.5	16,173	3.2	14,267	2.5	16,205	2.5
Total	465,029	100.0	504,828	100.0	560,133	100.0	638,829	100.0

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

Although there are still areas under cultivation of rubber and coconuts, agriculture in Singapore is mainly concerned with the production of vegetables and livestock for domestic consumption. Mixed farming, i.e. the cultivation of vegetables in conjunction with livestock rearing, is commonly practised. Singapore is able to meet most of her requirements for meat, poultry, and eggs while local production of fresh vegetables meets more than 50 per cent of the total needs. The main vegetables grown are leafy vegetables like choy sam, spinach, kang kong and pak choy, and fruit vegetables like brinjals, cucumber, long beans and ladies fingers. The root crops include sweet potatoes and tapioca, which are partly used for human consumption and partly as animal fodder. The main types of fruits grown in Singapore are papayas, bananas 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 in French Road and in Jurong. All slaughtering is undertaken at government abattoirs under close supervision but there is still some amount of private slaughtering especially in the rural areas.

Fisheries

All fishing vessels in Singapore and fishermen engaged in inshore and offshore fishing are licensed by the Director of Primary Production. Fishermen operating simple gears, such as cast nets, and fish-pond operators are not required to be licensed. Data on local production of fish comprises both inshore and off-shore 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, beach seines and drift nets. Offshore fishing is mainly carried on in the South China Sea and parts of

the Indian Ocean using fishing vessels powered by inboard engines. The most commonly used offshore fishing gears are: otter trawls, long lines and troll lines. While troll lines are used for catching pelagic fish, trawl nets and long lines are used for catching demersal fish.

Of the 67,300 tons of fish landed in the Republic in 1970, only about 18,000 tons were locally produced. The rest were imported mainly from West Malaysia, Indonesia, China and Vietnam. Of the local production, it was estimated

that about 80 per cent was derived from offshore catches, 15 per cent from inshore catches and only 5 per cent from inland catches.

With the opening of the Jurong Central Fish Market in February 1969, all imports of fish and most of the offshore catches, except those landed by smaller vessels, are auctioned at the Jurong Central Fish Market. The inshore catches are, however, mostly auctioned at Kangkar Market and Bedok Market.

4.1 ACREAGE OF PRINCIPAL CROPS

Year	Acres					
	Rubber	Coconuts	Fruits	Mixed Vegetables	Root Crops	Tobacco
1963	12,800	6,720	4,630	4,385	2,875	655
1964	12,500	6,720	4,620	4,450	2,880	502
1965	12,192	6,700	4,640	4,450	2,880	822
1966	12,192	6,700	4,570	4,400	2,820	599
1967	11,422	6,700	4,510	4,380	2,800	558
1968	11,000	6,700	5,400	4,190	2,610	709
1969	10,350	6,500	6,000	3,900	2,500	630
1970	10,000	6,500	6,200	3,550	2,350	900

Source: Department of Primary Production

4.2 PRODUCTION OF PRINCIPAL CROPS

Year	Rubber	Coconuts	Fruits	Mixed Vegetables	Root Crops	Tobacco
	Tons	Mil. units	Tons			
1963	1,747	11	3,725	31,350	8,600	354
1964	1,500	11	3,750	31,810	9,200	382
1965	1,500	11	3,790	31,850	9,100	500
1966	1,500	11	3,760	31,485	8,910	468
1967	2,500	11	3,700	31,350	8,850	392
1968	2,500	11	3,868	31,180	8,820	500
1969	2,500	11	4,330	31,000	9,000	337
1970	2,000	11	4,430	30,000	11,500	482

Source: Department of Primary Production

4.3 LIVESTOCK SLAUGHTERED AT ABATTOIRS

Year	Number				
	Swine	Sheep	Buffaloes	Oxen	Goats
1963	394,981	90,219	2,851	6,030	2,173
1964	362,923	69,189	5,440	3,225	2,649
1965	392,026	77,291	7,755	1,796	1,848
1966	430,330	91,298	5,596	4,344	1,310
1967	437,204	94,750	4,870	6,352	1,679
1968	400,504	93,658	3,500	8,913	1,723
1969	494,611	109,573	3,401	9,489	3,769
1970	557,174	116,119	3,873	8,958	2,854

Source: Department of Primary Production

4.4 FISHING VESSELS LICENSED

					Number
Year	Total	Fishing Vessels			Number of Licensed Fishermen
		Non-Powered	Powered		
			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	1,004	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

Source: Department of Primary Production

4.5 FRESH FISH LANDED AND AUCTIONED

Year	Tons				
	Local Production	Imports	Exports	Total Availability	Fish Auctioned
1963	12,291	33,287	2,275	43,303	9,335
1964	10,280	37,776	2,340	45,716	8,393
1965	10,798	47,527	2,520	55,805	8,810
1966	18,165	46,869	3,054	61,980	9,275
1967	17,921	42,821	3,049	57,693	9,933
1968	17,041	43,244	2,315	57,970	9,999
1969	12,714	41,951	1,777	52,888	43,016
1970	15,786	49,274	4,970	60,090	59,716

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 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 Industrial Classification of All Economic Activities, Singapore, which was adapted from the International Standard Industrial Classification.

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 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 (after deduction of value of work given out) less that of total input.

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.

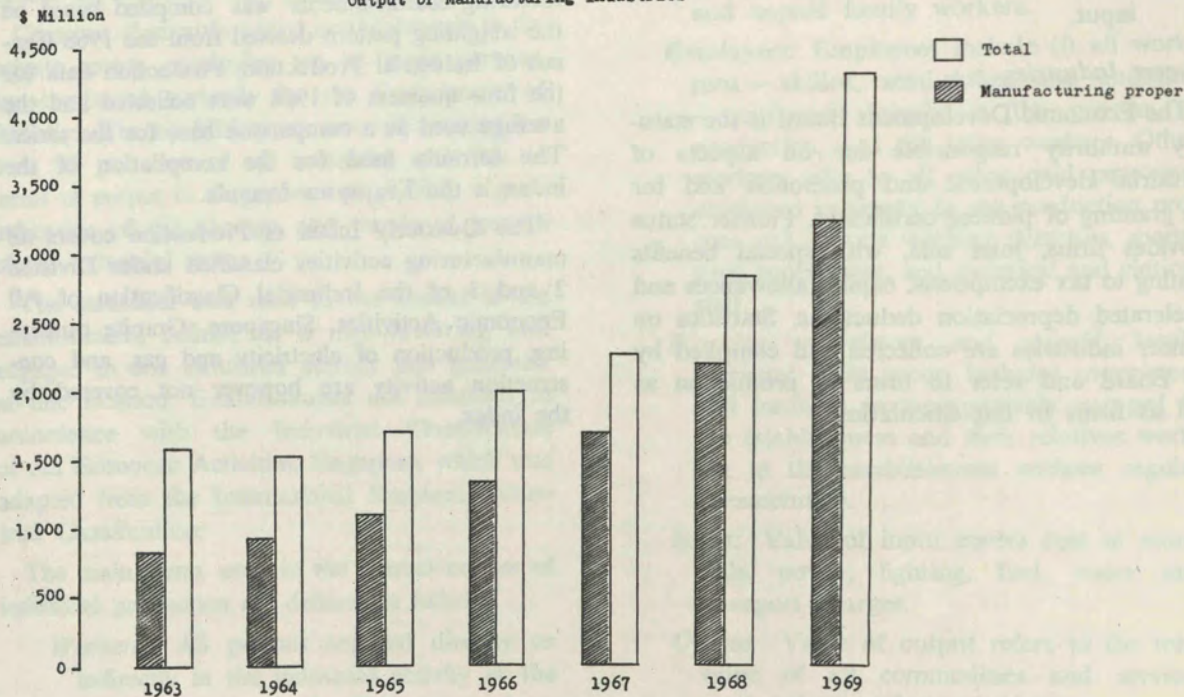
Quarterly Index of Production

The Quarterly Index of Production of manufacturing establishments was compiled based on the weighting pattern derived from the 1968 Census of Industrial Production. Production data for the four quarters of 1968 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.

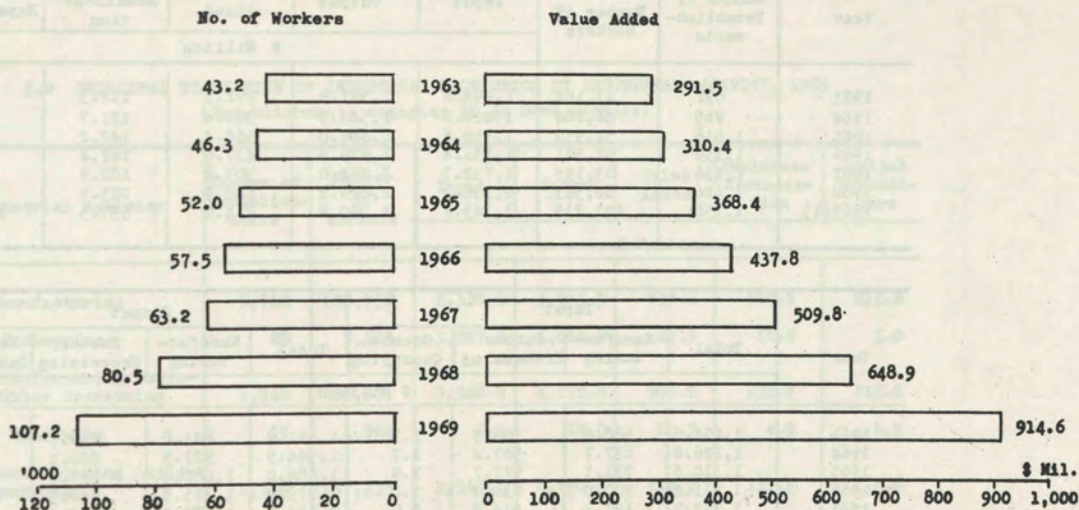
The Quarterly Index of Production covers all manufacturing activities classified under Division 2 and 3 of the Industrial Classification of All Economic Activities, Singapore. Granite quarrying, production of electricity and gas, and construction activity are however not covered by the index.

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

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

(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, 1969
(Establishments engaging 10 or more workers)

Industrial Activity	Number of Establishments	Number of Workers	Input	Output	Value Added	Employees' Remuneration	Capital Expenditure
Total Manufacturing	1,714	100,758	2,330.4	3,213.9	856.6	319.8	212.6
Rubber Processing	28	5,213	1,017.5	1,064.9	47.3	12.9	5.0
Total Manufacturing including Rubber Processing	1,742	105,971	3,348.0	4,278.8	903.9	332.7	217.6
Granite Quarrying	16	1,264	1.3	12.0	10.7	4.9	1.0
Total Manufacturing including Quarrying	1,758	107,235	3,349.2	4,290.8	914.6	337.5	218.6

5.3 PRINCIPAL STATISTICS OF INDUSTRIAL PRODUCTION BY INDUSTRY MAJOR GROUP, 1969
(Establishments engaging 10 or more workers)

\$ Million

Industrial Code	Industry Major Group	Input	Output	Value Added	Employees' Remuneration
20	Food	333.2	401.2	67.5	20.6
21	Beverage	27.3	59.4	32.1	9.9
22	Tobacco	66.3	90.7	24.4	3.6
23	Textiles	34.1	47.8	13.6	7.0
24	Footwear, other wearing apparel and made-up textile goods, except rubber footwear ..	68.6	97.1	27.4	15.6
25	Wood and cork	107.8	160.3	52.3	26.3
26	Furniture and fixtures	16.0	28.5	12.0	5.6
27	Paper and paper products	21.2	32.5	11.0	4.1
28	Printing, publishing and allied industries ..	33.5	78.3	43.3	19.7
29	Leather and leather products	15.6	19.1	3.3	1.3
30	Rubber products including rubber footwear ..	30.0	47.0	17.0	5.7
31	Chemicals and chemical products	110.9	156.9	45.0	12.9
32	Products of petroleum	974.9	1,132.6	157.2	24.5
33	Non-metallic mineral products	48.1	77.5	29.3	13.9
34	Basic metal	46.3	72.1	25.5	6.5
35	Metal products	104.4	159.1	53.3	24.1
36	Machinery	25.4	49.8	20.8	10.3
37	Electrical machinery, apparatus and appliances ..	75.4	122.7	47.3	15.8
38	Transport equipment	103.6	259.5	141.3	78.9
39	Miscellaneous manufacturing industries ..	87.6	121.7	32.8	13.5
	Total manufacturing (a)	2,330.4	3,213.9	856.6	319.8
	Rubber processing (b)	1,017.5	1,064.9	47.3	12.9
	Total (a) + (b)	3,348.0	4,278.8	903.9	332.7
	Granite quarrying (c)	1.3	12.0	10.7	4.9
	Total (a) + (b) + (c)	3,349.2	4,290.8	914.6	337.5

5.4 WORKERS ENGAGED BY OCCUPATIONAL STATUS (AS AT JUNE 1969)
(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	
20	Food	8,146	7,766	6,303	1,463	380
21	Beverage	2,354	2,335	1,741	594	19
22	Tobacco	1,064	1,057	868	189	7
23	Textiles	3,674	3,659	3,169	490	15
24	Footwear, other wearing apparel and made-up textile goods, except rubber footwear ..	9,961	9,612	9,060	552	349
25	Wood and cork	8,228	7,983	6,857	1,126	245
26	Furniture and fixtures	2,250	2,175	1,957	218	75
27	Paper and paper products	2,802	2,714	2,480	234	88
28	Printing, publishing and allied industries ..	5,895	5,644	4,587	1,057	251
29	Leather and leather products	716	661	582	79	55
30	Rubber products including rubber footwear ..	2,064	2,033	1,690	343	31
31	Chemicals and chemical products	4,404	4,357	3,326	1,031	47
32	Products of petroleum	1,866	1,866	897	969	-
33	Non-metallic mineral products	4,138	4,093	3,356	737	45
34	Basic metal	1,665	1,634	1,331	303	31
35	Metal products	7,502	7,339	6,190	1,149	163
36	Machinery	3,242	3,101	2,633	468	141
37	Electrical machinery, apparatus and appliances	6,845	6,823	5,830	993	22
38	Transport equipment	17,010	16,902	14,848	2,054	108
39	Miscellaneous manufacturing industries ..	6,932	6,770	5,949	821	162
	Total Manufacturing (a)	100,758	98,524	83,654	14,870	2,234
	Rubber processing (b)	5,213	5,200	4,691	509	13
	Total (a) + (b)	105,971	103,724	88,345	15,379	2,247
	Granite quarrying (c)	1,264	1,260	1,108	152	4
	Total (a) + (b) + (c)	107,235	104,984	89,453	15,531	2,251

5.5 DISTRIBUTION OF ESTABLISHMENTS BY SIZE OF WORKERS, 1969
(Establishments engaging 10 or more workers)

Industrial Code	Industry Major Group	Total	Number of Establishments Employing		
			10 - 39 Workers	40 - 99 Workers	100 Workers and over
20	Food	210	162	29	19
21	Beverage	24	14	5	5
22	Tobacco	10	3	4	3
23	Textiles	27	9	4	14
24	Footwear, other wearing apparel and made-up textile goods, except rubber footwear ..	196	151	27	18
25	Wood and cork	159	110	42	7
26	Furniture and fixtures	57	42	10	5
27	Paper and paper products	60	38	18	4
28	Printing, publishing and allied industries ..	159	129	22	8
29	Leather and leather products	25	19	6	-
30	Rubber products including rubber footwear ..	33	23	6	4
31	Chemicals and chemical products	98	66	25	7
32	Products of petroleum	9	4	2	3
33	Non-metallic mineral products	48	25	16	7
34	Basic metal	25	16	5	4
35	Metal products	148	97	34	17
36	Machinery	103	85	14	4
37	Electrical machinery, apparatus and appliances	55	28	15	12
38	Transport equipment	114	62	31	21
39	Miscellaneous manufacturing industries ..	154	110	33	11
Total Manufacturing (a)		1,714	1,193	348	173
Rubber processing (b)		28	3	8	17
Total (a) + (b)		1,742	1,196	356	190
Granite quarrying (c)		16	3	11	2
Total (a) + (b) + (c)		1,758	1,199	367	192

5.6 DISTRIBUTION OF ESTABLISHMENTS BY VALUE OF OUTPUT, 1969
(Establishments engaging 10 or more workers)

Industrial Code	Industry Major Group	Total	Establishments with Output of (\$ Thousand)			
			Less than \$250	\$250-499	\$500-999	\$1,000 and over
20	Food	210	112	35	19	44
21	Beverage	24	10	4	2	8
22	Tobacco	10	3	1	2	4
23	Textiles	27	8	3	5	11
24	Footwear, other wearing apparel and made-up textile goods, except rubber footwear ..	196	131	31	18	16
25	Wood and cork	159	31	38	49	41
26	Furniture and fixtures	57	30	14	2	11
27	Paper and paper products	60	34	11	8	7
28	Printing, publishing and allied industries ..	159	101	31	16	11
29	Leather and leather products	25	12	5	3	5
30	Rubber products including rubber footwear ..	33	13	8	3	9
31	Chemicals and chemical products	98	28	16	15	39
32	Products of petroleum	9	-	1	-	8
33	Non-metallic mineral products	48	20	6	9	13
34	Basic metal	25	13	3	1	8
35	Metal products	148	59	28	30	31
36	Machinery	103	52	24	20	7
37	Electrical machinery, apparatus and appliances	55	20	7	7	21
38	Transport equipment	114	44	21	23	26
39	Miscellaneous manufacturing industries ..	154	59	33	29	33
Total Manufacturing (a)		1,714	780	320	261	353
Rubber processing (b)		28	-	1	1	26
Total (a) + (b)		1,742	780	321	262	379
Granite quarrying (c)		16	3	1	8	4
Total (a) + (b) + (c)		1,758	783	322	270	383

5.7 OUTPUT OF SELECTED MANUFACTURED PRODUCTS: QUANTITY
(Establishments engaging 10 or more workers)

Commodities	Unit of Quantity	1963	1964	1965	1966	1967	1968	1969
Biscuits	'000 lbs.	15,230	16,360	16,880	17,652	21,119	22,936	23,022
Bread	"	31,122	33,689	34,258	38,589	38,973	44,024	42,632
Cigarettes	"	5,257	3,990	5,666	6,016	6,636	5,992	5,664
Soap	"	16,173	15,264	12,591	24,066	25,427	28,321	35,395
Bee Hoon (Vermicelli)	'000 pks.	18	25	20	18	20	20	31
Mee (Noodles) ..	"	27	26	22	29	38	42	39
Processed Rattan ..	"	173	142	138	123	145	161	159
Cocunut Oil (Crude)	"	369	309	357	522	495	701	505
Cooking Oil and Cocunut Oil (Refined)	"	306	444	306	407	480	495	469
Ice	'000 tons	152	129	128	138	145	144	143
Sawn Timber	"	234	261	296	369	379	489	529
Newspapers	'000 copies	81,992	83,261	92,098	100,082	98,038	82,068	87,044
Bricks	'000 pcs.	59,538	59,335	77,398	65,381	67,864	74,633	79,939

5.8 OUTPUT OF SELECTED MANUFACTURED PRODUCTS: VALUE

(Establishments engaging 10 or more workers)

\$ Thousand

Commodities	1963	1964	1965	1966	1967	1968	1969
Biscuits	6,722	6,271	6,623	6,603	8,531	9,184	9,549
Bread	6,204	6,841	6,992	7,855	8,021	8,542	8,257
Cakes	2,404	2,317	2,289	2,949	3,304	3,911	3,896
Bee Hoon (Vermicelli)	560	711	636	588	744	768	943
Mee (Noodles)	849	784	683	791	1,098	1,187	1,177
Soya Bean Sauce	2,704	2,667	3,044	2,686	2,999	3,796	3,795
Ice	2,609	2,286	2,248	2,373	2,574	2,531	2,495
Carbonated Drinks	13,328	12,382	13,608	14,437	15,848	19,081	20,934
Cigarettes	57,847	68,119	76,735	80,560	90,389	85,491	88,382
Sawn Timber	31,527	37,151	40,346	52,864	54,945	75,257	88,909
Processed Rattan	8,010	8,154	7,107	6,215	7,216	7,820	8,560
Paper Boxes	2,855	3,160	3,884	4,048	4,717	5,692	6,736
Newspapers	10,181	10,580	11,164	12,168	12,228	10,323	10,489
Cocunut Oil (Crude)	16,538	15,389	19,935	23,218	23,636	37,935	25,729
Cooking Oil and Cocunut Oil (Refined)	16,708	19,923	20,531	22,026	27,114	30,283	27,247
Soap	3,456	3,768	3,366	7,336	9,586	9,142	10,909
Bricks	4,883	5,418	6,505	5,588	4,832	5,807	6,458
Tin Cans	17,876	21,294	26,475	25,758	31,634	28,315	32,848
Wiremesh and Wire Fencing	5,901	6,442	6,519	8,329	6,371	10,749	9,374

5.9 QUARTERLY INDEX OF PRODUCTION OF MANUFACTURING ESTABLISHMENTS
(Base year 1968 = 100)

Industrial Code	Industry Major Group	Weights	1969				1970			
			1st Qr.	2nd Qr.	3rd Qr.	4th Qr.	1st Qr.	2nd Qr.	3rd Qr.	4th Qr.
20	Food	101.4	92.6	109.3	120.4	123.0	120.1	143.1	142.2	153.7
21	Beverage.. ..	48.4	102.8	105.8	106.6	110.2	110.4	121.0	136.2	106.3
22	Tobacco	36.6	86.7	95.5	92.7	101.8	101.7	98.0	93.0	106.9
23	Textiles.. ..	11.0	129.9	132.8	201.7	187.5	161.3	211.7	209.4	225.1
24	Footwear, other wearing apparel and made-up textile goods, except rubber footwear	37.0	90.2	135.3	130.9	190.8	136.1	125.9	114.9	174.5
25	Wood and cork	70.2	98.4	119.6	122.7	114.6	119.5	124.3	137.3	138.0
26	Furniture and fixtures.. ..	14.7	115.8	125.4	132.7	145.8	183.5	185.3	192.4	229.0
27	Paper and paper products	15.1	126.0	125.9	139.7	155.7	170.9	187.2	193.5	226.9
28	Printing, publishing and allied industries	61.4	98.8	96.1	98.4	110.6	108.5	117.5	114.5	139.2
29	Leather and leather products	4.9	108.7	109.5	98.6	119.5	85.5	86.2	74.8	85.2
30	Rubber products incl. rubber footwear	20.3	113.7	105.6	97.3	100.1	98.7	89.7	84.9	95.4
31	Chemicals and chemical products ..	63.5	118.0	130.3	135.0	140.5	144.9	154.8	171.1	169.5
32	Products of petroleum	164.1	106.8	101.7	104.7	105.0	110.1	116.0	119.0	127.6
33	Non-metallic mineral products	46.4	116.5	134.3	142.5	122.7	115.1	129.1	124.7	137.0
34	Basic metal	35.2	93.5	106.8	116.4	119.9	120.0	128.6	123.5	106.1
35	Metal products	71.5	107.4	133.3	121.7	146.4	123.2	154.5	165.8	140.4
36	Machinery	29.1	94.7	93.8	135.5	139.8	137.9	156.1	139.6	126.2
37	Electrical machinery, apparatus and appliances	28.5	97.4	135.5	157.3	169.1	170.1	213.1	225.9	209.3
38	Transport equipment	104.9	112.9	149.2	133.3	174.4	152.6	171.5	159.6	186.6
39	Miscellaneous manufacturing industries	35.8	115.1	125.7	138.2	137.9	153.7	182.7	172.8	175.4
	Total Manufacturing	1,000.0	104.6	118.1	121.5	131.2	126.8	140.3	141.3	148.3

5.10 PRINCIPAL STATISTICS OF PIONEER FIRMS

Year	Number of Firms	Number Employed	Output	Issued Capital	Capital Outlay (as at end of the year)
			\$ Thousand		
1964	113	5,416	220,415	156,273	180,155
1965	144	10,495	318,213	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⁾	22,952	1,015,333	370,502	477,760
1969	281 ⁽¹⁾	36,759	1,199,824	634,428	719,907

Source: Economic Development Board

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

5.11 VALUE OF OUTPUT AND VALUE ADDED OF PIONEER FIRMS, 1969

\$ Thousand

Industry Group	Value of Output 1969	Value Added 1969	Estimated Output at Full Production
Food and beverages	175,262	35,748	345,604
Textiles and garments	98,057	34,412	182,153
Wood and paper products	41,801	15,353	128,577
Rubber and leather products	28,454	12,735	37,044
Chemicals and chemical products	31,562	12,100	54,254
Petroleum and petroleum products	540,052	105,528	896,607
Non-metallic mineral products	23,926	6,519	42,886
Metals and engineering	138,182	63,793	216,518
Electrical products	89,112	8,063	265,168
Plastic products	10,297	3,838	35,469
Miscellaneous	23,119	10,828	59,846
Total	1,199,824	308,917	2,264,126

Source: Economic Development Board

5.12 DISTRIBUTION OF EMPLOYMENT IN PIONEER FIRMS BY INDUSTRY AND OCCUPATION, 1968
(As at end of December)

	Occupation Group							Number
	Managerial and Supervisory	Clerical and Sales	Technical	Skilled/ Semi- skilled	Unskilled	Others	Total	Estimated Employment at Full Production
Food and Beverages	143	278	147	651	551	103	1,873	3,255
Textiles and Garments ..	115	207	172	5,332	1,274	90	7,190	13,277
Wood and Paper Products ..	102	120	37	538	1,566	41	2,404	3,516
Rubber and Leather Products	58	71	28	590	129	33	909	1,040
Chemicals and Chemical Products	80	118	37	451	302	42	1,030	2,139
Petroleum and Petroleum Products	99	52	36	303	39	57	586	16,263
Non-metallic Mineral Products	28	35	43	370	187	10	673	1,796
Metals and Engineering ..	350	354	102	2,241	741	156	3,944	7,726
Electrical Products ..	45	124	35	714	608	26	1,552	2,328
Plastic Products	35	44	20	155	188	24	466	786
Miscellaneous	60	78	30	361	1,246	5	1,780	3,644
Total	1,115	1,481	687	11,706	6,831	587	22,407	55,770

Notes: Figures exclude 545 employees engaged by firms in the implementation stage as no breakdown by occupation group is available.

Source: Economic Development Board

5.13 DISTRIBUTION OF EMPLOYMENT IN PIONEER FIRMS BY INDUSTRY, 1969

(As at end December)

Number

Industry Group	Total Employment	Estimated Employment at Full Production
Food and Beverages	2,240	3,618
Textiles and Garments	9,563	13,095
Wood and Paper Products	3,610	4,943
Rubber and Leather Products	980	1,191
Chemicals and Chemical Products	1,463	2,163
Petroleum and Petroleum Products	675	768
Non-Metallic Mineral Products	1,195	1,995
Metals and Engineering	4,672	7,109
Electrical Products	8,440	15,233
Plastic Products	1,010	1,690
Miscellaneous	2,911	5,673
Total	36,759	57,478

Source: Economic Development Board

5.14 CAPITAL OUTLAY IN FIXED ASSETS OF PIONEER FIRMS, 1969

\$ Thousand

Industry Group	Number of Firms	Capital Outlay in Fixed Assets Up to end-December 1969					
		Land	Building	Machinery	Installation Cost	Others	Total
Food and Beverages	30	1,445	29,224	49,862	1,264	4,463	86,258
Textiles and Garments	44	1,312	17,935	44,886	2,763	9,092	75,988
Wood and Paper Products	13	329	10,364	39,803	294	3,497	54,287
Rubber and Leather Products	7	-	5,306	15,755	136	1,289	22,486
Chemicals and Chemical Products	38	814	7,564	15,643	110	1,310	25,441
Petroleum and Petroleum Products	10	528	19,464	193,273	20,136	21,222	254,623
Non-Metallic Mineral Products	11	215	7,008	16,962	438	1,462	26,085
Metals and Engineering	50	715	40,574	63,608	475	7,811	113,183
Electrical Products	34	1,356	7,093	19,740	2,309	4,371	34,869
Plastic Products	18	275	2,257	7,150	73	874	10,629
Miscellaneous	26	81	5,422	8,836	683	1,036	16,058
Total	281	7,070	152,211	475,518	28,681	56,427	719,907

Source: Economic Development Board

5.15 CAPITAL STRUCTURE OF PIONEER FIRMS, 1969

(As at end December)

\$ Thousand

Industry Group	Number of Firms	Authorised Capital	Issued Capital	Paid-Up Capital		
				Local	Foreign	Total
Food and Beverages	30	200,550	66,918	49,199	16,200	65,399
Textiles and Garments	44	215,250	80,929	32,504	38,670	71,174
Wood and Paper Products	13	110,000	51,412	38,245	9,162	47,407
Rubber and Leather Products	7	34,250	14,576	2,286	12,290	14,576
Chemicals and Chemical Products	38	74,950	27,374	11,336	14,863	26,199
Petroleum and Petroleum Products	10	480,000	205,500	22,000	160,500	182,500
Non-Metallic Mineral Products	11	66,000	25,650	15,828	6,280	22,108
Metals and Engineering	50	234,950	85,679	58,469	25,830	84,299
Electrical Products	34	96,675	39,126	27,322	10,958	38,280
Plastic Products	18	41,800	20,216	6,244	13,623	19,867
Miscellaneous	26	51,100	17,048	6,517	9,303	15,820
Total	281	1,605,525	634,428	269,950	317,679	587,629

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 stand-by station to cater for emergencies and peak periods. The transmission and distribution of electricity is provided by a network of sub-stations in various parts of the island. The total installed capacity as at end of 1970 was 644 megawatts. The installed capacity of the Jurong Power Station was 180 megawatts at the end of 1970 and this will be increased to a total generating capacity of 600 megawatts when it is fully completed.

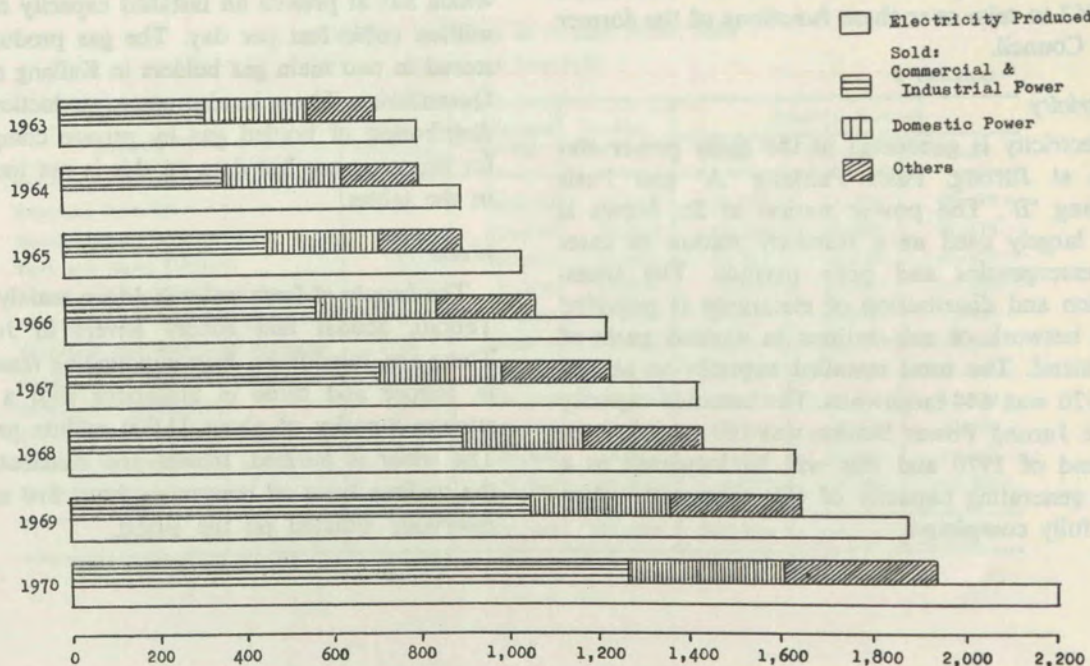
Gas

Gas is manufactured at the gasworks in Kallang which has at present an installed capacity of 13.4 million cubic feet per day. The gas produced is stored in two main gas holders in Kallang and in Queenstown. 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 tables.

Water

The supply of fresh water is drawn mainly from Tebrau, 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 11,000 million gallons. The water is purified, treated and distributed to the various types of consumers from five service reservoirs situated on the island.

ELECTRICITY PRODUCED & SOLD



6.1 ELECTRICITY PRODUCTION AND SALES

Million kilowatt hours

Year	Production	Sales				
		Total	Power		Lighting	Public Street Lighting
			Industrial and Commercial	Domestic		
1963	822.9	733.8	337.5	234.5	148.1	13.7
1964	914.2	824.2	373.0	268.0	168.0	15.2
1965	1,047.6	912.5	470.1	250.4	174.2	17.8
1966	1,236.5	1,074.8	582.0	275.3	196.7	20.8
1967	1,424.5	1,238.5	718.9	278.2	218.0	23.4
1968	1,639.4	1,446.1	903.4	275.4	241.6	25.7
1969	1,876.1	1,652.8	1,057.9	305.8	261.1	28.0
1970	2,205.3	1,941.4	1,272.2	341.2	297.3	30.7

Source: Public Utilities Board

6.2 GAS PRODUCTION AND SALES

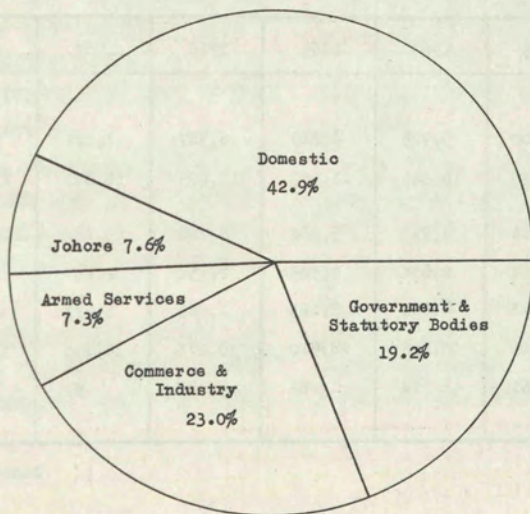
Year	Production	Sales					Number of Consumers
		Total	Domestic		Commercial	Industrial	
			H & D B(1)	Private			
	Million kilowatt hours						
1963	140.2	124.2	-	-	-	-	42,782
1964	167.9	154.7	-	-	-	-	51,117
1965	186.3	159.1	-	-	-	-	61,623
1966	206.0	165.2	148.9		7.7	8.6	71,240
1967	217.7	181.6	88.1	73.1	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	263.5	230.9	103.5	81.9	30.1	15.4	106,210

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

Source: Public Utilities Board

(1) Refers to Housing and Development Board.

WATER CONSUMPTION, 1970



6.3 WATER CONSUMPTION

Million Gallons								
	1963	1964	1965	1966	1967	1968	1969	1970
Singapore Govern- ment and Statu- tory Bodies	4,500	5,909	6,819	6,987	7,741	7,634	7,230	7,010
Domestic	8,578	10,541	11,997	12,409	12,023	13,252	14,549	15,624
Commerce and Industry	4,381	4,975	5,564	5,762	5,804	6,762	7,422	8,358
Armed Services	1,634	2,054	2,505	2,852	2,687	2,931	2,790	2,652
Johore	1,512	1,620	2,025	2,066	2,175	2,464	2,513	2,763
Total	20,605	25,099	28,910	30,076	30,430	33,043	34,504	36,407
Average Per Day	61	74	82	88	92	99	103	110

Source: Public Utilities Board

7. BUILDING CONSTRUCTION AND HOUSING

Basic information on buildings and construction undertaken by the private sector is obtained from the Chief Building Surveyor in the Ministry of National Development. The Department of Statistics collects additional detailed data directly from the architects and building developers and from the public sector for the compilation of building statistics. The data are available separately for the private and public sectors and are shown by type of usage (residential and non-residential) and by type of units.

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

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

management of 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 are classified according to the number of rooms which are available 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.

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

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

7. BUILDING CONSTRUCTION AND HOUSING

7.1 BUILDINGS COMMENCED AND COMPLETED

	1967		1968		1969		1970	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
Number of Units:								
Public -								
Residential	17,078	11,929	13,224	13,895	10,298	13,379	16,897	10,607
Non-Residential	1,834	2,078	1,166	1,633	986	599	635	995
Private -								
Residential	2,659	3,189	2,171	2,276	1,357	2,812	1,935	1,718
Non-Residential	188	200	190	158	185	170	634	211
Total -								
Residential	19,737	15,118	15,395	16,171	11,655	16,191	18,832	12,315
Non-Residential	2,022	2,278	1,356	1,791	1,171	769	1,269	1,206
Floor Area ('000 sq. ft.):								
Public -								
Residential	7,701	5,340	7,185	6,654	5,746	6,898	9,087	5,901
Non-Residential	2,692	2,471	3,276	2,436	4,640	2,424	1,774	4,274
Private -								
Residential	4,902	5,439	6,256	4,700	6,785	5,698	5,526	4,448
Non-Residential	1,913	1,422	2,639	1,727	3,608	1,964	4,083	2,920
Total -								
Residential	12,603	10,779	13,441	11,354	12,531	12,596	14,613	10,349
Non-Residential	4,605	3,893	5,915	4,163	8,248	4,388	5,857	7,194

7.2 RESIDENTIAL BUILDINGS COMMENCED AND COMPLETED

Private Sector

	1967		1968		1969		1970	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
Number of Units:								
Bungalows	157	237	174	134	150	158	184	192
Semi-detached	690	1,196	480	632	260	899	486	295
Terrace	1,068	1,049	989	671	491	1,120	523	749
Flats	741	692	520	832	417	633	736	465
Shophouses	-	13	-	-	25	-	-	9
Others	3	2	8	7	14	2	6	8
Total	2,659	3,189	2,171	2,276	1,357	2,812	1,935	1,718
Floor Area ('000 sq. ft):								
Bungalows	496	621	632	434	591	543	654	726
Semi-detached	1,411	2,097	1,171	1,261	689	2,037	1,189	671
Terrace	1,971	1,768	1,804	1,307	904	2,091	1,060	1,305
Flats	984	920	813	1,089	1,355	931	1,718	689
Shophouses	-	30	-	-	61	-	-	27
Others	40	3	1,836	609	3,185	96	905	1,030
Total	4,902	5,439	6,256	4,700	6,785	5,698	5,526	4,448

7.3 NON-RESIDENTIAL BUILDINGS COMMENCED AND COMPLETED

Private Sector

	1967		1968		1969		1970	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
Number of Units:								
Commercial	135	146	125	85	112	109	517	147
Industrial	30	37	50	44	51	44	102	47
Educational	9	6	6	12	5	5	1	4
Others	14	11	9	17	17	12	14	13
Total	188	200	190	158	185	170	634	211
Floor Area ('000 sq. ft.):								
Commercial	727	292	999	422	1,744	511	2,576	1,059
Industrial	722	798	1,298	868	1,271	1,087	986	1,378
Educational	282	217	68	156	185	232	54	160
Others	182	115	274	281	408	134	467	323
Total	1,913	1,422	2,639	1,727	3,608	1,964	4,083	2,920

7.4 BUILDINGS COMMENCED AND COMPLETED

Public Sector

	1967		1968		1969		1970	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
Number of Units:								
Residential -								
Flats	16,431	11,423	12,840	13,296	9,988	12,893	16,504	10,347
Shophouses	487	392	384	359	309	437	379	260
Others	160	114	-	240	1	49	14	
Total	17,078	11,929	13,224	13,895	10,298	13,379	16,897	10,607
Non-Residential -								
Commercial	1,622	2,003	1,055	1,424	863	502	379	696
Industrial	140	23	58	136	39	28	52	74
Educational	5	21	4	10	29	17	5	15
Others	67	31	49	63	55	52	199	210
Total	1,834	2,078	1,166	1,633	986	599	635	995
Floor Area ('000 sq. ft.):								
Residential -								
Flats	7,061	4,927	6,705	6,002	5,283	6,356	8,483	5,522
Shophouses	534	349	480	433	461	493	584	379
Others	106	64	-	219	2	49	20	-
Total	7,701	5,340	7,185	6,654	5,746	6,898	9,087	5,901
Non-Residential -								
Commercial	279	185	626	345	1,599	478	551	1,052
Industrial	1,851	630	1,117	1,210	1,105	849	506	1,844
Educational	184	1,420	386	644	713	378	300	596
Others	378	236	1,147	237	1,223	719	417	782
Total	2,692	2,471	3,276	2,436	4,640	2,424	1,774	4,274

7.5 UNITS UNDER MANAGEMENT BY HOUSING AND DEVELOPMENT BOARD

As at end of year	Dwellings					Shops	Number Miscellaneous (including open hawkers' pitches)(1)
	Total	One room	Two rooms	Three rooms	Four rooms and over		
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

(1) Excludes land tenancies.

Source: Housing & Development Board

8. EXTERNAL TRADE

Source of Data

Statistics on external trade of Singapore are compiled by the Department of Statistics primarily 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 Malay-

sian 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

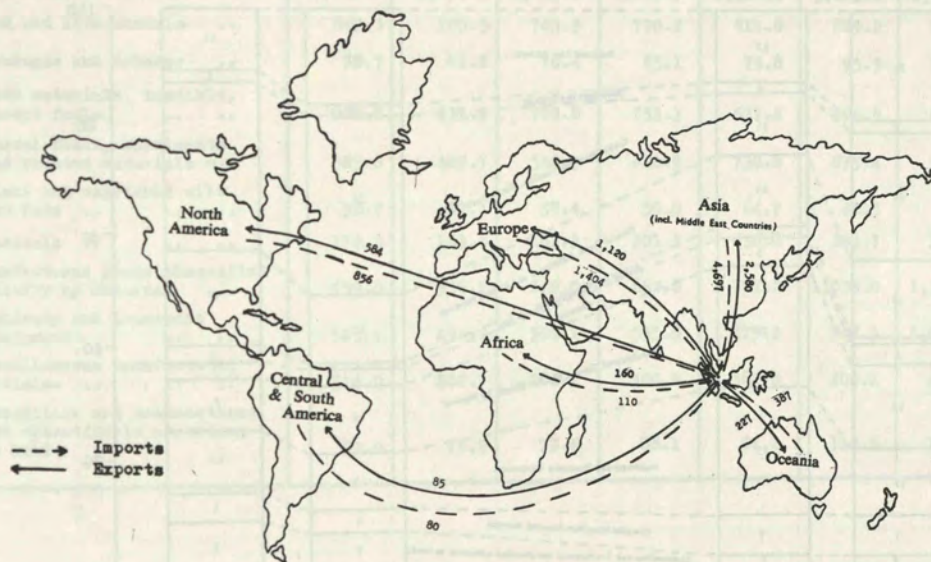
Imports from foreign countries excluding West Malaysia are valued at c.i.f. and exports at f.o.b.

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.

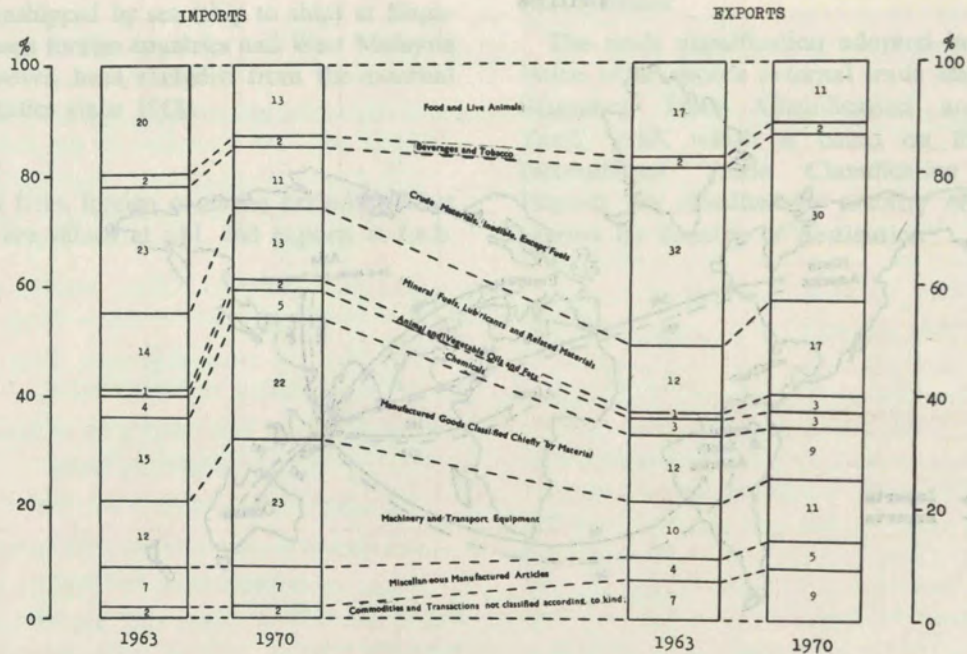
Classification

The trade classification adopted in the compilation of Singapore external trade statistics is the Singapore Trade Classification and Customs Tariff, 1968, 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, 1970
\$ Million



TRADE BY COMMODITY SECTIONS



8.1 IMPORTS BY COMMODITY SECTIONS

\$ Million

Commodity Section	1963	1964	1965	1966	1967	1968	1969	1970
Total Imports	4,279.1	3,478.8	3,807.2	4,065.7	4,406.4	5,083.8	6,243.6	7,533.8
Food and live animals ..	849.3	705.5	743.3	770.2	811.8	889.2	907.1	950.5
Beverages and tobacco ..	78.7	61.6	70.4	65.1	73.8	95.5	129.1	127.9
Crude materials, inedible, except fuels	968.0	631.9	702.8	753.3	637.4	594.5	889.6	858.8
Mineral fuels, lubricants and related materials ..	585.0	469.7	508.3	620.9	738.8	875.4	983.4	1,014.9
Animal and vegetable oils and fats	38.7	37.1	57.4	58.0	64.7	48.5	73.6	126.0
Chemicals	174.3	163.5	187.3	201.3	236.8	253.7	306.1	386.9
Manufactured goods classified chiefly by material ..	659.0	556.1	626.0	652.8	797.2	1,059.0	1,313.3	1,650.9
Machinery and transport equipment	523.1	494.7	550.1	555.8	579.0	747.3	1,089.0	1,718.4
Miscellaneous manufactured articles	314.0	282.7	282.1	300.2	382.8	406.1	428.8	538.7
Commodities and transactions not classifiable according to kind	89.0	75.9	79.6	88.1	84.1	114.6	123.6	160.8

8.2 EXPORTS BY COMMODITY SECTIONS

\$ Million

Commodity Section	1963	1964	1965	1966	1967	1968	1969	1970
Total Exports	3,474.5	2,771.9	3,004.1	3,373.6	3,490.5	3,890.7	4,740.7	4,755.8
Food and live animals ..	578.7	421.0	435.8	463.4	519.3	502.2	525.4	549.6
Beverages and tobacco ..	52.2	42.4	46.3	43.5	39.4	48.2	73.0	71.6
Crude materials, inedible, except fuels	1,114.7	781.4	819.2	942.0	940.8	1,114.9	1,655.0	1,430.3
Mineral fuels, lubricants and related materials ..	432.8	362.6	431.1	593.6	677.1	809.8	930.9	822.5
Animal and vegetable oils and fats	40.9	44.0	60.0	66.7	68.9	93.4	84.4	140.2
Chemicals	103.8	100.2	109.6	117.4	114.5	119.5	138.6	128.9
Manufactured goods classified chiefly by material ..	409.7	359.2	357.0	370.1	359.9	389.9	417.1	423.1
Machinery and transport equipment	340.8	284.1	315.0	320.3	271.0	252.7	349.6	520.9
Miscellaneous manufactured articles	139.2	137.7	153.0	162.7	160.5	175.6	212.2	247.9
Commodities and transactions not classifiable according to kind	261.7	239.3	277.1	293.9	339.1	384.5	354.5	420.8

8.3 IMPORTS BY MAJOR COUNTRIES OF ORIGIN

	\$ Million							
	1963	1964	1965	1966	1967	1968	1969	1970
Cambodia	34.3	38.5	46.4	38.2	30.1	19.0	16.9	12.6
China	211.7	196.5	224.5	271.7	385.8	460.0	418.5	385.5
Formosa	47.1	40.2	33.8	33.2	48.0	76.8	81.8	126.8
Hong Kong	122.4	114.4	109.0	112.9	125.6	144.5	165.9	188.5
India	112.5	102.0	57.5	55.6	53.2	53.4	57.5	69.1
Iran	68.2	74.4	102.7	114.6	151.2	138.1	177.5	170.9
Japan	407.9	364.4	421.2	463.7	548.1	692.3	1,018.9	1,458.0
Kuwait	156.8	122.8	133.9	154.8	223.1	340.1	347.9	360.5
Malaysia:								
West Malaysia..	756.6	791.9	884.9	943.5	839.6	810.1	1,089.7	1,117.4
East Malaysia..	127.3	185.0	224.1	222.9	230.2	239.7	306.5	286.1
Saudi Arabia ..	17.2	33.0	26.8	48.3	30.8	47.5	44.3	79.4
Thailand	122.3	130.1	147.4	161.9	145.4	166.2	167.9	149.4
Australia	152.7	160.5	166.0	189.3	197.8	216.5	241.3	340.5
France	30.6	31.2	39.1	35.8	42.0	44.8	76.6	86.5
West Germany ..	112.0	91.0	104.4	111.4	128.2	129.7	212.2	253.2
Italy	38.6	27.6	35.4	33.4	42.9	55.8	66.6	91.8
Netherlands ..	82.5	63.0	49.7	78.2	77.4	79.0	72.3	93.6
Switzerland ..	49.5	48.5	47.1	42.7	62.9	54.4	61.6	71.9
United Kingdom ..	427.2	349.8	413.9	408.1	354.5	396.1	421.3	569.1
U.S.A.	225.9	193.2	193.4	210.7	247.6	347.8	494.2	814.8
Other Countries..	975.8	320.7	346.0	334.8	442.0	572.0	704.2	808.2
Total Imports	4,279.1	3,478.7	3,807.2	4,065.7	4,406.4	5,083.8	6,243.6	7,533.8

8.4 EXPORTS BY MAJOR COUNTRIES OF DESTINATION

\$ Million

	1963	1964	1965	1966	1967	1968	1969	1970
Brunei	26.2	35.1	42.1	48.5	52.4	55.5	66.5	78.0
China	16.3	1.0	22.4	137.2	95.8	81.2	174.8	69.4
Hong Kong ..	90.4	156.3	132.8	120.4	116.9	141.7	143.0	194.0
India	36.3	23.9	25.2	26.9	19.8	19.4	37.0	30.6
Japan	136.7	95.0	112.2	123.3	156.1	274.4	336.3	361.5
Malaysia:								
West Malaysia..	1,011.1	925.5	938.6	907.6	824.8	756.0	779.4	688.7
East Malaysia..	214.3	233.9	281.7	287.5	272.5	267.0	308.4	351.0
Thailand	95.8	91.2	68.0	117.6	129.6	171.5	177.8	156.8
Vietnam, Rep. of	63.4	65.5	112.0	256.4	305.1	350.2	447.5	336.6
Australia ..	86.7	77.7	93.8	70.3	73.0	89.3	123.0	160.0
New Zealand ..	36.4	36.0	31.2	28.1	29.1	15.0	31.1	20.7
France	61.7	48.5	46.0	61.9	55.1	60.5	92.5	95.3
West Germany ..	70.3	48.0	57.9	48.8	53.5	81.9	114.6	136.2
Italy	70.9	39.2	43.7	43.1	55.0	45.4	58.4	69.2
Netherlands ..	54.0	24.9	34.9	50.3	62.8	86.3	67.1	72.0
Norway	20.6	19.4	21.2	21.7	26.5	26.6	17.4	21.3
United Kingdom ..	202.9	183.1	192.4	184.8	211.7	245.5	273.7	324.5
U.S.S.R.	154.9	75.5	126.6	110.6	89.9	111.0	129.1	142.4
Canada	32.7	25.7	26.7	33.9	33.9	47.9	61.3	56.8
U.S.A.	231.8	116.5	124.9	161.5	244.0	329.5	508.5	527.3
Other Countries .	761.1	450.0	469.8	533.2	583.0	634.9	793.3	863.5
Total Exports	3,474.5	2,771.9	3,004.1	3,373.6	3,490.5	3,890.7	4,740.7	4,755.8

8.5 IMPORTS OF PRINCIPAL COMMODITIES

Commodity Item	\$ Thousand							
	1963	1964	1965	1966	1967	1968	1969	1970
Crude rubber finished grades, including latex	762,520	490,260	549,137	575,225	441,958	383,574	629,552	528,820
Pepper unground, black & white	51,533	22,257	40,401	31,937	34,901	31,811	57,589	56,973
Palm oil	25,464	23,594	37,605	39,865	42,297	23,703	48,161	90,733
Pineapples canned	27,638	31,102	39,029	42,438	42,196	46,799	45,184	41,386
Wood in the rough	24,850	27,012	31,211	42,312	53,230	66,142	76,090	87,404
Rice	170,815	105,493	110,893	114,711	139,304	164,897	113,316	103,466
Sugar, refined & unrefined	75,541	59,602	29,970	24,563	31,241	46,233	40,898	32,831
Fresh oranges, tangerines and mandarins	15,881	17,614	17,077	20,129	21,923	18,010	21,427	23,727
Fish, fresh	15,750	19,028	23,165	20,615	17,656	17,646	17,022	21,669
Iron & steel plates, uncoated	13,650	19,660	26,569	25,706	33,075	37,565	51,150	88,105
Motor cars, new	69,978	60,054	66,429	56,415	39,309	52,761	78,687	107,003
Cotton piece goods ..	125,405	102,436	105,410	98,703	138,281	186,093	201,055	190,587
Fabrics of synthetic fibres	89,396	75,648	83,361	113,089	150,561	257,061	359,243	416,723
Wheat unmilled	4,048	20,583	32,620	44,558	45,604	57,070	46,432	53,003
Animal fodder	59,750	90,626	109,907	100,620	81,793	86,108	93,022	91,188
Petroleum products ..	432,024	377,362	401,792	468,547	509,480	497,452	593,514	575,988
Watches	37,712	38,684	42,037	42,905	57,396	52,119	58,351	70,836

8.6 EXPORTS OF PRINCIPAL COMMODITIES

\$ Thousand

Commodity Item	1963	1964	1965	1966	1967	1968	1969	1970
Crude rubber finished grades, including latex	957,340	636,349	666,435	752,554	744,753	832,066	1,313,645	1,028,978
Coconut oil, crude & refined	13,311	14,031	17,935	23,911	21,737	45,730	27,739	36,794
Coffee not roasted ..	95,507	28,628	27,924	60,539	126,746	100,781	110,141	91,340
Pepper unground, black & white	59,242	30,406	48,020	48,986	62,663	70,646	67,300	97,731
Palm oil	22,616	24,924	35,814	36,335	38,952	39,608	49,354	86,684
Pineapples canned	35,541	37,127	46,839	48,714	45,256	47,565	48,781	50,776
Sawn timber (lumber) ..	29,154	41,334	48,724	51,535	49,566	69,265	94,978	101,825
Rice	87,745	44,274	39,974	44,090	41,754	42,904	25,652	18,940
Flashlight batteries ..	8,873	7,619	7,870	16,288	17,998	16,528	18,736	22,527
Cotton piece goods ..	83,912	68,756	66,242	54,747	50,644	54,245	65,435	60,071
Fabrics of synthetic fibres	39,283	39,557	33,426	33,363	34,494	47,626	67,332	66,779
Cotton underwear	14,049	19,456	22,699	21,988	20,091	25,168	32,096	35,807
Tin ore	6,963	6,793	8,580	17,681	19,354	21,886	8,678	18,164
Petroleum products ..	376,613	361,624	429,695	591,606	675,472	806,717	927,529	818,055
Tinplate prime	3,947	3,832	5,288	8,002	5,629	10,116	10,768	7,296
Excavators, borers, levellers, bulldozers, etc. ..	7,463	7,269	16,605	18,944	20,838	16,616	19,603	27,981

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 entering or leaving Singapore waters, excluding fishing vessels. From the beginning of 1966, vessels engaged in coastal trade between Singapore and West Malaysia and foreign-going vessels arriving at 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 utilised as cargo space and for 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 transhipment cargo but exclude military stores. Data on mineral oil-in-bulk, comprise crude and refined petroleum carried by tankers, discharged or load-

ed at the oil refineries, but exclude bunker fuels supplied to vessels and aircraft. All other cargo, including vegetable oil-in-bulk, bulk cement, wheat and latex, are shown as "General 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 tourists 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 visitors direct from West Malaysia including Malaysian citizens.

Roads

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

Major Arterial Roads—Major roads and highways for carrying through traffic over relatively long distances and also those roads linking principal areas of traffic generation.

Collector Roads—Roads serving traffic between major arterial roads and local

streets and also those used mainly for traffic movements between adjacent residential, commercial and industrial areas.

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

Vehicles Registered

Registration of vehicles is compulsory and 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

CARGO DISCHARGED AND LOADED

☐☐ - 2 Million Freight Tons

		Discharged										Loaded										
Year	Month											Year										
		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	1963	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	1964	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	1965	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	1966	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	1967	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	1968	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	1969	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	1970	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

9.2 CARGO DISCHARGED AND LOADED BY SHIPS

Thousand Freight Tons

Year	Discharged								
	General and Other Cargo			Mineral Oil-in-Bulk			Total Discharged		
	Total	Roads	Wharves	Total	Roads	Wharves	Total	Roads	Wharves
1963	4,784.2	1,970.4	2,813.8	8,956.1	8,602.0	354.1	13,740.3	10,572.4	3,167.9
1964	3,916.9	1,400.4	2,516.5	7,965.2	7,581.0	384.2	11,882.1	8,981.4	2,900.7
1965	4,226.6	1,456.3	2,770.3	9,133.4	8,759.5	373.9	13,360.0	10,215.8	3,144.2
1966	4,169.8	1,487.6	2,682.2	12,373.7	11,928.5	445.2	16,543.5	13,416.1	3,127.4
1967	4,315.5	1,578.5	2,737.0	14,081.8	13,693.8	388.0	18,397.3	15,272.3	3,125.0
1968	4,638.6	1,598.2	3,040.4	17,039.5	16,458.9	580.6	21,678.2	18,057.2	3,621.0
1969	5,025.6	1,776.7	3,248.9	17,543.8	16,949.0	594.8	22,569.4	18,725.7	3,843.7
1970	5,849.8	1,889.6	3,960.2	20,589.6	19,980.0	609.6	26,439.4	21,869.6	4,569.8

Year	Loaded								
	General and Other Cargo			Mineral Oil-in-Bulk			Total Loaded		
	Total	Roads	Wharves	Total	Roads	Wharves	Total	Roads	Wharves
1963	2,835.6	759.2	2,076.4	5,017.8	5,004.0	13.8	7,853.4	5,763.2	2,090.2
1964	2,080.0	337.0	1,743.0	4,089.0	4,089.0	-	6,169.0	4,426.0	1,743.0
1965	2,186.0	359.5	1,826.5	5,794.3	5,794.3	-	7,980.3	6,153.8	1,826.5
1966	2,570.9	620.8	1,950.1	7,523.6	7,523.6	-	10,094.5	8,144.4	1,950.1
1967	2,980.5	803.3	2,177.2	8,962.5	8,962.5	-	11,943.0	9,765.8	2,177.2
1968	3,463.9	893.8	2,570.1	10,495.3	10,495.3	-	13,959.3	11,389.2	2,570.1
1969	3,670.5	1,066.2	2,604.3	11,664.3	11,664.3	-	15,334.8	12,730.5	2,604.3
1970	3,815.3	1,146.5	2,668.8	11,905.1	11,905.1	-	15,720.4	13,051.6	2,668.8

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	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

9.4 CIVIL AIR TRAFFIC STATISTICS: MAIL AND FREIGHT

Year	Mail				Freight			
	Landed		Despatched		Landed		Despatched	
	West Malaysia	Other Countries	West Malaysia	Other Countries	West Malaysia	Other Countries	West Malaysia	Other Countries
1963	318	1,588	409	1,220	350	5,302	2,711	4,330
1964	318	1,153	413	840	342	5,799	2,823	3,702
1965	374	1,397	434	1,093	523	6,885	3,121	4,757
1966	378	1,232	418	1,194	544	6,822	2,005	7,693
1967	441	1,604	429	1,675	608	8,228	1,561	9,212
1968	445	2,009	452	2,175	732	9,920	1,318	10,948
1969	347	2,310	542	2,732	848	13,069	1,388	17,565
1970	303	2,699	510	3,265	655	17,478	1,427	26,779

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	458,079	404,984	53,095
1970	546,019	512,164	33,855	573,226	521,422	51,804

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 AIR
(By place of embarkation and disembarkation)

Country of Embarkation and Disembarkation	Persons									
	1966		1967		1968		1969		1970	
	From	To	From	To	From	To	From	To	From	To
Brunei and East Malaysia	28,619	27,997	33,783	32,162	36,944	35,535	39,665	38,688	48,166	47,221
Indonesia	6,568	4,736	26,638	24,382	39,923	39,270	71,785	70,366	123,030	120,747
Thailand	28,198	30,104	36,450	36,700	41,589	41,840	53,337	52,712	69,640	69,373
Philippines	6,545	5,471	8,267	7,006	9,746	8,529	12,980	11,762	20,145	17,198
Pakistan, India and Ceylon	14,857	15,946	17,143	20,011	18,445	21,936	21,506	23,471	28,721	32,263
Hong Kong	27,827	25,986	31,303	28,670	34,960	34,201	42,750	43,977	59,982	59,376
Japan	2,671	2,866	3,759	4,354	5,901	6,027	9,389	9,752	12,509	14,765
Other countries in Asia	17,257	17,995	30,860	31,487	39,841	39,506	51,322	52,184	25,877	25,899
Countries in Oceania ..	26,790	29,764	32,564	37,527	43,546	46,361	51,443	57,243	70,068	70,557
United Kingdom ..	10,315	10,640	11,213	12,844	11,737	15,251	16,440	19,219	22,175	29,852
Other Countries in Europe	6,533	7,443	10,118	10,521	13,307	15,918	21,664	24,344	30,292	32,300
Africa	375	741	386	564	403	461	373	175	207	85
Other Countries ..	687	906	921	1,055	858	860	1,081	1,091	1,352	1,786
Total	177,242	180,595	243,410	247,283	297,200	305,695	393,735	404,984	512,164	521,422

Notes: See note to Table 9.5

9.7 ARRIVALS AND DEPARTURES OF PASSENGERS BY SEA
(By place of embarkation and disembarkation)

Country of Embarkation and Disembarkation	Persons									
	1966		1967		1968		1969		1970	
	From	To	From	To	From	To	From	To	From	To
Brunei and East Malaysia	11,452	12,859	10,470	14,723	9,855	14,116	9,686	11,868	9,322	14,458
Indonesia	175	108	903	835	2,682	2,899	4,829	4,772	5,971	5,440
Thailand	344	103	342	23	560	146	131	55	60	57
Pakistan, India and Ceylon	4,535	17,018	6,015	17,819	4,703	16,662	5,497	15,233	4,929	14,796
Hong Kong	4,777	5,829	3,338	4,719	3,343	4,386	3,970	4,920	4,300	4,225
China	2,615	5,169	2,301	4,324	2,517	5,029	2,942	6,199	3,360	6,391
Japan	1,599	2,025	1,179	1,488	605	1,269	923	822	87	76
Other Countries in Asia	1,968	2,888	1,493	2,690	988	2,422	786	2,030	773	1,421
Countries in Oceania	4,216	3,655	4,127	3,998	3,802	3,287	4,394	4,428	4,092	3,830
United Kingdom ..	2,327	2,592	1,435	2,033	1,216	1,816	737	1,295	353	688
Other Countries in Europe	996	2,061	784	1,500	548	1,453	444	1,112	72	176
Africa	409	179	211	173	111	181	92	113	176	61
Other Countries ..	330	258	526	241	215	143	316	248	360	185
Total	35,743	54,744	33,124	54,566	31,145	53,809	34,747	53,095	33,855	51,804

Notes: See note to Table 9.5

9.8 VISITORS BY CITIZENSHIP

Persons

Citizenship	1965	1966	1967	1968	1969	1970
West Malaysia	n.a.	n.a.	n.a.	n.a.	24,967	30,332
East Malaysia	n.a.	n.a.	n.a.	n.a.	16,039	21,284
Brunei	2,089	2,205	2,935	2,626	3,181	3,570
Indonesia	88	483	17,288	24,305	44,592	72,359
Japan	7,831	8,529	12,273	15,219	25,546	32,739
India	4,585	6,412	10,432	12,336	16,207	24,498
Pakistan	630	795	998	1,206	1,559	1,633
Ceylon	905	1,764	2,797	2,991	3,581	3,651
China	2,836	3,114	4,062	4,970	7,601	9,235
Thailand	887	1,118	1,977	2,862	3,468	4,702
Philippines	803	1,479	2,669	3,521	4,765	7,431
Burma	201	176	464	367	n.a.	n.a.
Australia	13,699	18,957	26,768	33,086	46,517	61,453
New Zealand	2,199	3,264	4,072	4,864	6,228	8,329
United Kingdom	21,297	23,751	29,803	34,404	49,477	63,159
U.K. dependencies n.e.c. ..	3,232	3,667	5,738	6,554	5,909	9,254
France	1,858	2,762	3,335	4,642	6,485	8,685
Germany	2,157	2,692	3,813	4,512	7,214	9,857
Italy	866	1,177	1,596	2,127	2,891	4,856
Netherlands	2,153	2,534	4,015	4,877	7,023	9,710
Other Countries in Europe n.e.c.	3,381	4,364	6,964	10,125	15,660	21,233
U.S.A.	22,513	33,850	53,548	64,122	90,883	89,081
Canada	1,410	1,794	2,535	3,228	5,009	8,043
Other Countries n.e.c. ..	2,861	3,783	6,770	8,191	13,907	16,560
Total	98,481	128,670	204,852	251,135	408,709	521,654

Notes: As from January 1969, figures include the following two categories of persons who were previously excluded:-

- i) Visitors direct from West Malaysia.
- ii) Malaysian Citizens.

9.9 VISITORS BY PURPOSE OF VISIT

								Persons
Year	Total	Holiday/ Social	Business	Profess- ional	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

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 AIR AND SEA
(By country of embarkation)

Persons

Country of Embarkation	1966		1967		1968		1969		1970	
	Air	Sea	Air	Sea	Air	Sea	Air	Sea	Air	Sea
West Malaysia	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	44,930	1,407	59,761	992
Sarawak, Brunei and Sabah (including Labuan) ..	9,586	1,984	11,458	2,036	11,595	1,818	30,767	7,517	38,684	7,412
India, Pakistan and Ceylon	8,064	643	12,738	1,315	14,472	1,042	17,644	1,479	23,044	855
Hong Kong	15,392	1,363	21,915	1,248	25,072	1,173	31,097	2,089	43,098	2,608
Indonesia	6,115	323	23,698	2,834	35,322	6,418	62,636	9,617	106,961	10,436
Japan	3,093	571	4,289	534	5,196	535	8,265	522	11,480	139
Australia, New Zealand and Papua (including Christmas and Cocos Islands) ..	21,925	3,042	28,664	2,687	38,393	1,949	46,904	2,784	63,085	3,053
Thailand, Philippines, Burma, Vietnam, Laos and Cambodia	37,527	306	64,357	319	76,025	334	89,511	171	88,137	64
Middle East Countries ..	533	29	687	95	1,450	19	n.a.	n.a.	n.a.	n.a.
United Kingdom	9,464	405	12,272	393	13,364	284	15,955	218	20,985	95
Other Countries in Europe	4,603	416	8,441	379	11,550	197	17,733	145	24,071	73
U.S.A. (including Hawaii)	1,227	391	977	395	1,022	417	1,461	406	2,060	529
Africa	205	384	211	197	398	165	409	66	204	62
Other countries n.a.o. ..	955	124	2,481	232	2,758	167	13,666	1,310	12,111	1,655
Total	118,689	9,981	192,188	12,664	236,617	14,518	380,978	27,731	493,681	27,973

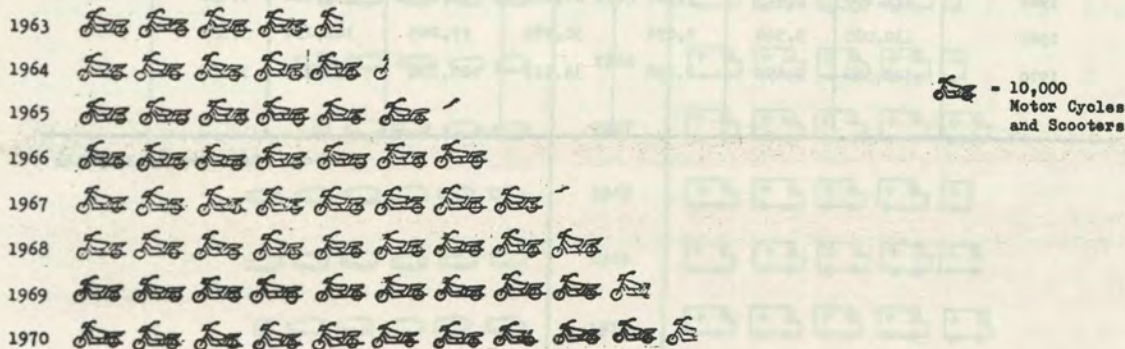
Notes: See notes to Table 9.8

9.11 PUBLIC ROADS

At end of year	Total	Major Arterial Roads	Collector Roads	Local Roads Improved	Miles	
					Local Roads Improved	Local Roads Unimproved
1963	1,057	136	68	304		549
1964	1,064	136	68	318		542
1965	1,094	138	68	332		556
1966	1,138	140	68	479		451
1967	1,157	142	68	511		436
1968	1,188	142	68	560		418
1969	1,199	145	69	595		390
1970	1,204	149	70	628		357

Source: Public Works Department

VEHICLES REGISTERED



9.12 VEHICLES REGISTERED

Year	Motor Cars		Buses	Goods Vehicles	Motor Cycles and Scooters	Bicycles	Trishaws	Number
	Private	Public						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	4,502	1,660	23,275	68,746	337,038	3,518	265
1967	116,097	5,436	1,821	24,981	80,940	345,793	3,518	269
1968	121,106	5,413	1,907	27,435	90,283	354,481	3,432	283
1969	130,088	5,548	2,096	30,289	99,265	362,172	3,397	296
1970	142,568	5,692	2,298	34,119	105,214	372,276	3,389	317

Source: Registry of Vehicles

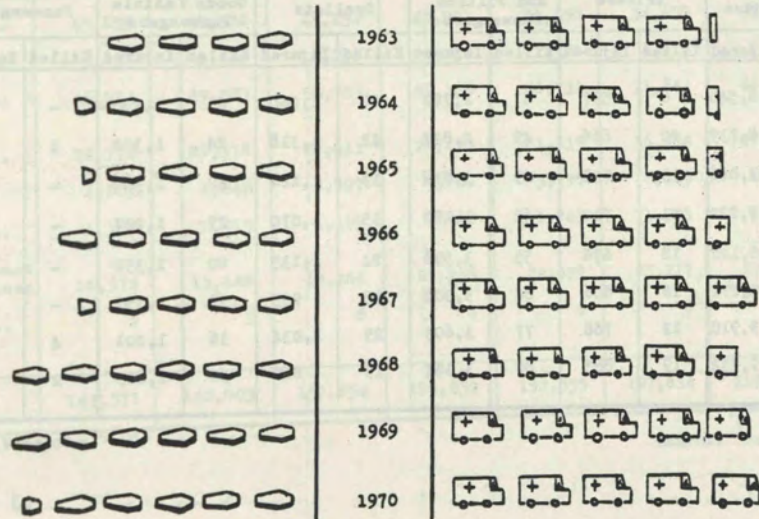
ROAD CASUALTIES

 = 50 persons

 = 2,000 persons

KILLED

INJURED



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

Source: Police Department

9.14 POSTAL ARTICLES HANDLED

Class of Correspondence	Thousand							
	1963	1964	1965	1966	1967	1968	1969	1970
Letters	45,859	47,340	48,254	48,903	51,558	54,658	55,857	56,198
Postcards	1,485	1,589	1,236	1,040	1,581	1,216	1,514	2,026
Printed Matters ..	46,934	49,083	55,783	68,176	66,732	71,843	86,231	100,372
Airmail Correspondence 1st Class ..	26,732	29,378	26,613	23,493	41,435	36,464	37,208	42,153
Registered Articles	4,889	4,846	4,997	5,206	5,796	6,645	6,921	7,061
Parcels	1,304	1,215	1,399	1,468	1,745	1,523	1,657	1,757
Unregistered Government Franked Correspondence	16,372	15,449	19,364	21,958	23,699	25,277	29,614	29,480
Others	2	3	8	8	9	8	7	11
Total	143,577	148,903	157,654	170,252	192,555	197,634	219,009	239,058

Source: Postal Department

9.15 COMMUNICATIONS

	Telegrams				International Telephone Calls		Telex Calls				Thousand
Year	Incoming		Outgoing		Incoming	Outgoing	Incoming		Outgoing		Total Number of Telephones
	West Malaysia	Inter-national	West Malaysia	Inter-national			West Malaysia	Inter-national	West Malaysia	Inter-national	
1963	526	640	507	653	41	39	n.a.	n.a.	12	19	74
1964	534	543	556	551	36	35	n.a.	n.a.	16	24	79
1965	537	550	576	550	60	54	15	n.a.	17	26	87
1966	486	609	436	607	79	75	16	n.a.	18	29	95
1967	422	730	421	705	107	105	21	45	24	38	106
1968	354	778	361	750	149	141	23	54	30	47	119
1969	331	826	357	798	193	182	25	77	31	66	136
1970	213	990	176	910	n.a.	255	28	135	33	103	161

Source: Telecommunications Department.
Singapore Telephone Board.

10. MONEY, BANKING AND INSURANCE

Banking

Banking Statistics are compiled from returns submitted to the Commissioner of Banking by the various commercial banks operating in Singapore. Prior to 1965, when there were no central banking facilities, 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 office of the Commissioner of Banking, Singapore, in June 1967.

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 was set up by the Government to mobilise small savings and to encourage saving habits in people. It operates as part of the services provided by the Postal Department.

Central Provident Fund

Under the Central Provident Fund Ordinance, all employers and all employees, except those on the pensionable establishment in the Civil Service and 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

(As at end of December)

YEAR	Gross Circulation			Active Circulation (1)	Active to Gross
	Notes	Coins	Total		
	\$ Million				%
1967	418.1	6.3	424.4	362.0	85.30
1968	504.5	20.8	525.3	478.7	91.13
1969	594.7	50.7	645.4	597.3	92.55
1970	699.9	53.2	753.1	707.4	93.93

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

Source: Board of Commissioners of Currency, Singapore.

10.2 MONEY SUPPLY
(As at end of December)

\$ Million

YEAR	Currency in Active Circulation (1)	Demand Deposits (excluding deposits of Government)	Money Supply
1963	404	437	841
1964	439	415	854
1965	469	426	895
1966	508	498	1,006
1967	423	562	985
1968	502	695	1,197
1969	617	804	1,421
1970	726	925	1,651

(1) Figures include Singapore's estimated share of currency issued by the Malaya-British Borneo Currency Board.

10.3 FACTORS AFFECTING MONEY SUPPLY

\$ Million

YEAR	Commercial Bank Claims on Private Sector	Commercial Bank Claims on Government (net)		Foreign Assets of Monetary Institutions (Net)	Quasi Money (increase -)	Others (increase -)	Total
		Bank Credit to Government	Government Deposits with Banks (increase -)				
	Changes during the year						
1963	77	7	37	-11	-77	13	46
1964	93	4	-8	-36	-60	20	13
1965	73	-3	-1	29	-64	7	41
1966	147	27	-2	108	-119	-50	111
1967	98	252	-13	-21	-342	5	-21
1968	316	358	-27	-62	-334	-39	212
1969	452	-106	16	262	-350	-50	224
1970	541	78	-32	51	-296	-112	230

10.4 OFFICIAL FOREIGN ASSETS
(As at end of December)

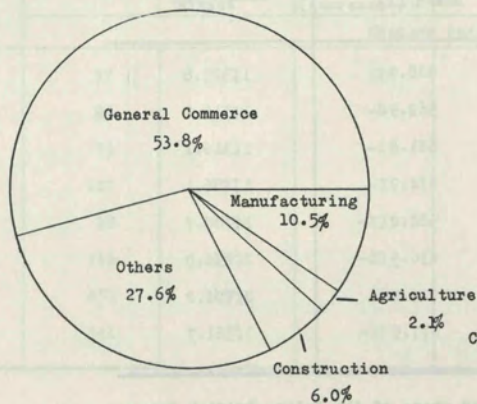
\$ Million

YEAR	Government (including Statutory Authorities)	Currency Board (1)	Total Foreign Assets
1963	796.9	528.9	1,325.8
1964	755.8	562.9	1,318.7
1965	694.3	621.8	1,316.1
1966	811.2	674.9	1,486.1
1967	1,116.5	584.2	1,700.7
1968	1,619.5	636.5	2,256.0
1969	2,179.8	724.4	2,904.2
1970	2,683.8	877.9	3,561.7

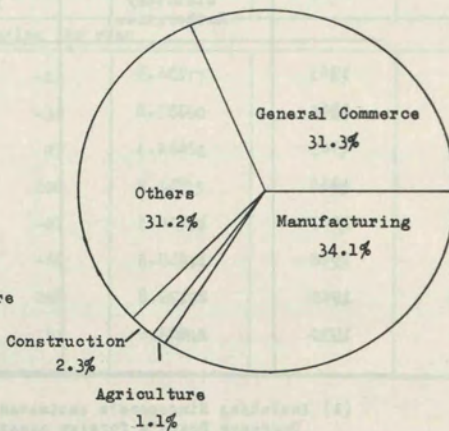
(1) Including Singapore's estimated share of the Malaya-British Borneo Currency Board's foreign assets.

Source: Monetary Authority of Singapore

LOANS & ADVANCES OF COMMERCIAL BANKS



1963



1970

10.5 DETAILS OF ASSETS OF COMMERCIAL BANKS

(As at end of December)

\$ Million

	1963	1964	1965	1966	1967	1968	1969	1970
Cash	49.4	30.1	30.2	29.9	45.1	38.0	48.1	43.3
Balances Due from Banks	444.5	450.9	550.0	627.9	557.2	726.8	859.0	940.8
Singapore	182.8	183.8	272.7	320.4	289.4	439.8	546.6	609.8
Malaysia	44.3	84.5	152.8	158.1	101.6	133.9	155.7	137.3
Other Countries	217.4	182.6	124.5	149.4	165.8	153.1	156.7	193.7
Investments in Securities	229.5	316.0	431.5	429.5	488.9	880.3	821.9	920.7
Singapore	98.5	110.0	115.1	143.5	394.5	784.5	724.1	827.6
Malaysia	22.8	106.0	224.9	194.1	8.6	10.3	11.7	14.5
Other Countries(1)	108.2	100.0	91.5	91.9	85.6	85.5	86.1	78.6
Loans and Discounts	1,006.9	1,088.3	1,165.0	1,335.4	1,437.5	1,714.8	2,212.3	2,722.1
Bills (receivable, discounted or purchased)	215.0	211.5	251.1	309.1	331.9	363.4	485.2	554.4
Internal	131.2	131.3	163.0	195.8	211.6	248.5	280.7	354.7
External	83.8	80.2	88.1	113.3	120.3	114.9	204.5	199.7
Loans and Advances to Customers other than Banks	791.9	876.8	913.9	1,026.3	1,105.6	1,351.4	1,727.1	2,167.7
All Other Assets	159.7	196.5	205.0	221.0	254.8	314.2	333.0	414.7
Total Assets	1,890.0	2,081.8	2,381.7	2,643.7	2,783.5	3,674.1	4,274.3	5,041.6

(1) Include East Malaysia prior to 1965.

Source: Commissioner for Banking

10.6 DETAILS OF LIABILITIES OF COMMERCIAL BANKS

(As at end of December)

\$ Million

	1963	1964	1965	1966	1967	1968	1969	1970
Deposits of Customers Other than Banks:	1,092.0	1,137.2	1,222.0	1,412.1	1,828.2	2,309.7	2,745.4	3,194.9
Demand Deposits	442.8	423.8	446.8	520.3	587.7	733.6	811.6	947.7
Fixed Deposits	437.5	483.6	548.7	634.2	919.2	1,240.2	1,562.9	1,818.3
Savings Account	193.8	209.2	216.8	241.3	302.1	320.6	355.3	412.9
Other Deposits	17.9	20.6	9.7	16.3	19.2	15.3	15.6	16.0
Balances Due to Banks and Amounts Borrowed from Banks:	502.6	627.6	852.1	865.3	589.5	839.1	876.3	1,042.1
Singapore	193.0	172.2	237.2	276.7	297.0	426.8	533.3	599.5
Malaysia	189.4	258.4	404.2	366.6	126.3	86.8	78.6	73.5
Other Countries(1)	120.2	197.0	210.7	222.0	166.2	325.5	264.4	369.1
All Other Liabilities	295.4	317.0	307.6	366.3	365.8	525.3	652.6	804.6
Total Liabilities	1,890.0	2,081.8	2,381.7	2,643.7	2,783.5	3,674.1	4,274.3	5,041.6

(1) See footnote (1) in Table 10.5

Source: Commissioner for Banking

10.7 CLASSIFICATION OF LOANS AND ADVANCES OF COMMERCIAL BANKS
(As at end of December)

	\$ Thousand							
	1963	1964	1965	1966	1967	1968	1969	1970
Loans and Advances to Banks	47,520	37,705	119,585	126,153	169,525	227,170	338,239	383,421
Loans and Advances to Customers Other than Banks:	791,869	876,766	913,913	1,026,350	1,105,626	1,351,467	1,727,145	2,167,681
Singapore Government and Other Public Authorities ..	437	733	494	2,659	924	-	32	489
Agriculture ..	16,314	23,830	11,074	21,823	13,490	14,775	16,373	25,086
Mining and Quarrying	5,932	5,336	5,575	8,221	7,924	10,961	11,896	16,235
Manufacturing ..	83,548	118,352	157,184	183,239	236,530	359,930	447,503	738,534
Construction ..	47,169	59,441	80,292	98,957	49,575	41,119	48,083	49,669
General Commerce	425,851	423,349	439,271	467,599	493,539	518,643	629,695	678,559
Others	212,618	245,725	220,023	243,852	303,644	406,039	573,563	659,109

Source: Commissioner for Banking

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

\$ Thousand

	1965	1966	1967	1968	1969
Policies in Force: (as at end of December)					
Amount insured	369,611	385,426	433,469	476,037	527,181
Premiums	18,682	19,625	21,723	23,505	25,488
New Policies:					
Amount insured	102,447	84,795	85,947	90,823	108,759
Premiums	4,547	3,880	3,845	4,191	4,671
Policies Discontinued:					
Amount insured	45,188	49,910	37,904	48,255	57,615
Premiums	2,134	2,171	1,746	2,409	2,689

Source: Commissioner for Insurance

10.9 LIFE INSURANCE: SUMMARY OF REVENUE AND EXPENDITURE ACCOUNT

					\$ Thousand				
					1965	1966	1967	1968	1969
Revenue: Total	..	..	..	..	100,551	110,294	122,585	137,238	154,489
Balance of Revenue Account at beginning of year	..	..	..	..	74,782	82,384	89,572	104,061	117,924
Premiums	..	..	..	..	19,636	21,002	21,676	23,114	25,949
Net Interest etc.	..	..	..	..	5,424	6,605	7,673	8,309	8,488
Miscellaneous	..	..	..	..	709	303	3,664	1,754	2,128
Expenditure: Total	..	..	..	..	100,551	110,294	122,585	137,238	154,489
Claims (by death, disability and by maturity)	..	..	..	..	3,604	4,074	5,023	5,255	6,009
Surrenders	..	..	..	..	2,824	2,798	3,259	3,109	3,607
Cash bonuses paid and annuities	..	..	..	..	955	1,063	1,041	1,288	1,681
Management expenses:									
Commission	..	..	..	..	3,551	3,521	3,346	3,492	4,088
Salaries	..	..	..	..	1,497	1,756	1,590	1,674	1,767
Other expenses	..	..	..	..	2,309	2,493	2,132	2,482	2,629
Miscellaneous	..	..	..	..	1,980	5,017	2,133	2,044	5,091
Balance of Revenue Account at end of year	..	..	..	..	83,831	89,572	104,061	117,924	129,617

Source: Commissioner for Insurance

10.10 ASSETS OF LIFE INSURANCE COMPANIES
(As at end of December)

\$ Thousand

					1965	1966	1967	1968	1969
Fixed Assets:	..	..	..	..	14,156	11,722	11,460	12,439	12,599
Property	..	..	..	..	13,772	11,240	11,050	12,096	12,285
Furniture	..	..	..	..	384	482	410	343	314
Loans:	..	..	..	..	24,249	24,796	25,846	26,795	27,270
On Mortgages	..	..	..	..	13,940	14,295	14,338	14,353	14,024
On Policies	..	..	..	..	9,967	9,912	10,904	11,946	13,029
Other	..	..	..	..	342	589	604	496	217
Investments:	..	..	..	..	47,079	51,471	64,837	75,385	87,037
Government and Statutory Authorities					21,279	19,645	25,603	37,516	48,542
Debentures and Shares	..	..			25,800	31,826	39,234	37,869	38,495
Cash and Deposits	..	..	..		6,272	11,681	9,769	14,274	12,837
Miscellaneous (incl. outstanding premiums)	..	..	..	..	4,419	3,413	3,984	4,241	5,229
Total	..	..	..	..	96,175	103,083	115,896	133,134	144,972

Source: Commissioner for Insurance

10.11 GENERAL INSURANCE: PREMIUMS AND CLAIMS

\$ Thousand

			1965	1966	1967	1968	1969
Net Premiums (1)							
Marine, Aviation or Transit	..	..	6,716	7,523	8,535	9,714	12,126
Other:	..	..	29,225	29,622	32,722	37,617	44,307
Fire	..	..	5,803	6,022	6,621	7,683	8,870
Motor Vehicles	..	..	15,882	15,408	17,359	19,718	22,637
Miscellaneous	..	..	7,540	8,192	8,742	10,216	12,800
Total	..	..	35,941	37,145	41,257	47,331	56,433
Net Claims (2)							
Marine, Aviation or Transit	..	..	3,255	3,631	4,418	4,561	5,024
Other:	..	..	11,812	11,780	12,425	12,526	14,209
Fire	..	..	1,462	667	1,001	985	757
Motor Vehicles	..	..	8,091	8,816	8,825	9,228	10,386
Miscellaneous	..	..	2,259	2,297	2,599	2,313	3,066
Total	..	..	15,067	15,411	16,843	17,087	19,233

(1) Refer to gross premiums less 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

	1965	1966	1967	1968	1969
Revenue: Total	71,460	76,835	84,602	95,580	113,327
Balance of Revenue Account at beginning of year	- 650	4,069	5,674	6,893	7,666
Reserves at beginning of year	15,199	16,411	17,480	19,272	21,867
Provision for outstanding claims	12,709	11,945	12,611	14,682	18,190
Premiums	35,941	37,145	41,256	47,331	56,433
Net interest etc.	1,873	2,114	2,392	2,581	2,798
Miscellaneous	6,388	5,151	5,189	4,821	6,373
Expenditure: Total	71,460	76,835	84,602	95,580	113,327
Claims (paid, admitted or intimated & not paid)	27,338	27,944	31,574	35,230	41,914
Management expenses:					
Commission	10,047	10,021	11,590	13,075	15,389
Other expenses	9,719	9,793	10,613	11,639	12,982
Miscellaneous	3,659	6,002	4,487	6,750	9,123
Balance of Revenue Account at end of year	3,957	5,582	6,947	7,123	7,702
Reserves at end of year	16,740	17,493	19,391	21,763	26,217

Source: Commissioner for Insurance

10.13 ASSETS OF GENERAL INSURANCE COMPANIES
(As at end of December)

\$ Thousand

				1965	1966	1967	1968	1969
Fixed Assets	..	..	..	13,454	13,276	13,161	13,404	13,454
Property Furniture			{					
Loans	..	..	..	2,885	2,637	3,053	2,740	1,570
On Mortgages			{					
On Policies								
Other			}					
Investments	..	..	..	14,511	13,645	16,446	22,836	26,606
Government and Statutory Authorities				6,365	8,122	8,205	13,097	14,972
Debentures and Shares				8,146	5,523	8,241	9,739	11,634
Cash and Deposits		..	..	13,167	16,014	18,299	18,840	24,068
Miscellaneous	..	..	..	10,429	7,574	8,198	7,904	9,246
Total	..	..	..	54,446	53,146	59,157	65,724	74,944

Source: Commissioner for Insurance

10.14 POST OFFICE SAVINGS BANK: DEPOSITS AND WITHDRAWALS

	1963	1964	1965	1966	1967	1968	1969	1970
Amount Deposited (\$'000)	21,646.7	18,004.7	17,586.7	16,956.1	18,521.9	22,669.6	38,167.0	45,064.9
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
No. of Depositors (No.) ⁽¹⁾	235,469	241,667	247,082	252,033	260,392	276,549	447,445	508,933
Total Amount Due to Members (\$'000) ⁽¹⁾	43,315.6	40,745.6	38,820.2	37,419.5	37,776.7	42,838.4	57,712.4	72,661.1

(1) As at end of December

Source: Post Office Savings Bank

10.15 CENTRAL PROVIDENT FUND BOARD: DEPOSITS AND WITHDRAWALS

	\$ Thousand							
	1963	1964	1965	1966	1967	1968	1969	1970
Amount Deposited	37,697.5	42,458.5	45,897.0	45,549.6	53,989.0	67,430.5	105,991.1	155,732.3
Amount Withdrawn	5,767.9	7,515.6	9,177.1	10,911.3	14,536.6	29,976.2	41,681.5	44,943.6
Total Amount Due to Members (1)	258,435.1	306,631.4	359,024.7	415,965.8	477,315.5	539,442.6	632,160.3	777,489.2

(1) As at end of December

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 account for nearly 70 per cent of the total revenue in recent years.

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 that of the other years.

Development Fund

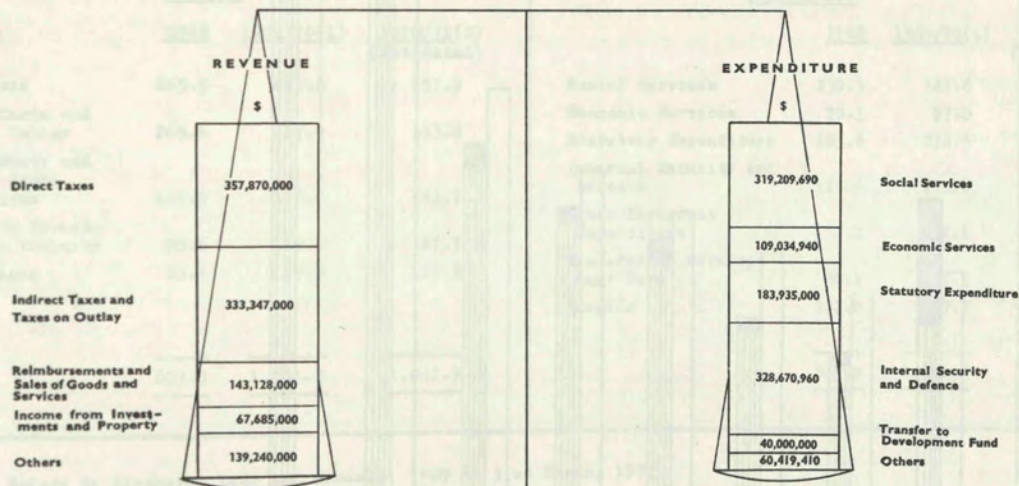
The Development Fund was established in 1960 and receipts from revenue allocation for development, loans and grants, and other sources available for development financing are credited to this account. All payments for development expenditure by the Government and of loans to statutory authorities to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

Statutory Board Revenue And Expenditure

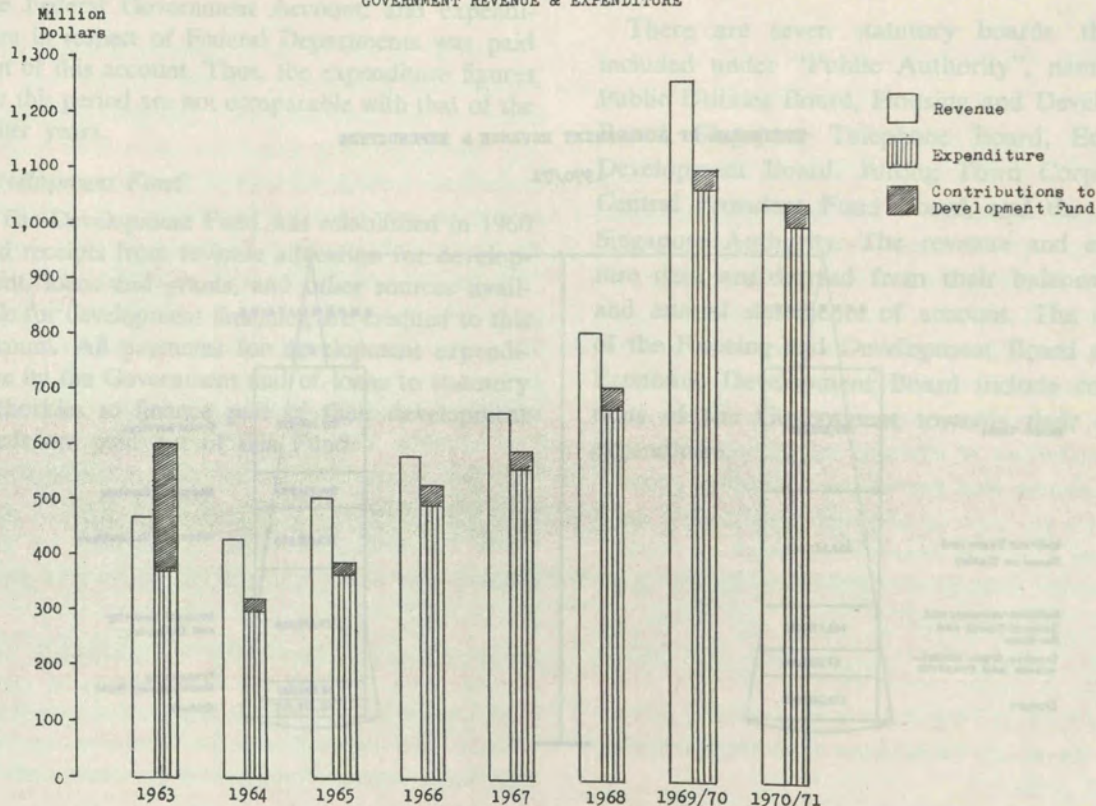
There are seven statutory boards that are included under "Public Authority", namely, the Public Utilities Board, Housing and Development Board, Singapore Telephone Board, Economic Development Board, Jurong Town Corporation, Central Provident Fund Board, and the Port of Singapore Authority. The revenue and expenditure data are derived from their balance sheets and annual statements of account. The revenue of the Housing and Development Board and the Economic Development Board include contributions of the Government towards their current expenditure.

ESTIMATES OF GOVERNMENT REVENUE & EXPENDITURE

1970/71



GOVERNMENT REVENUE & EXPENDITURE



11.2 GOVERNMENT REVENUE BY SOURCE

\$ Million

	1963	1964	1965	1966	1967	1968	1969/70(1)	1970/71(2) (Estimated)
Taxes on income ..	86.1	96.8	110.2	110.5	122.9	157.6	236.5	220.0
Taxes on production and expenditure ..	209.7	232.3	257.8	307.3	319.3	361.4	583.8	465.1
Other compulsory transfer payments ..	43.4	6.5	14.7	20.1	28.4	36.0	70.3	95.2
Sales of goods and services	71.9	73.9	80.3	94.0	126.3	150.7	238.5	189.7
Reimbursements for services and sales of land	16.4	4.9	19.0	20.4	16.3	16.8	39.8	18.4
Interest and dividends received	34.3	13.7	14.9	26.1	38.9	73.3	84.5	48.2
Financial claims ..	3.8	3.6	8.3	4.6	6.6	4.7	5.8	3.4
Overpayment and refunds	4.0	1.2	2.4	2.2	4.3	2.5	2.0	1.3
Total	469.6	432.9	507.6	585.2	663.0	803.0	1,261.2	1,041.3

(1) Refers to Financial Year 1st January, 1969 to 31st March, 1970.

(2) Refers to Financial Year 1st April, 1970 to 31st March, 1971.

11.3 GOVERNMENT EXPENDITURE BY TYPE OF SERVICES

\$ Million

Type of Service	1963	1964	1965	1966	1967	1968	1969/70(1)	1970/71(2) (Estimated)
General Services:								
General Administration	40.0	33.3	34.9	71.2	87.7	65.3	66.5	68.7
Transfer to Development Fund ..	230.0	16.0	20.0	30.0	30.0	30.1	37.5	40.0
Defence, Justice and Police	46.5	1.0	19.7	74.4	86.2	123.5	305.4	338.7
Social Services:								
Education	96.3	104.6	115.1	126.4	137.7	149.8	202.0	179.1
Health	62.7	64.3	68.0	69.9	73.0	74.7	97.7	88.0
Social Security, Specific Welfare and other Social Services	32.0	35.7	30.7	33.7	33.8	27.1	34.5	43.1
Economic Services:								
Agriculture, Manufacturing & Construction	4.4	4.2	4.4	4.7	5.2	5.4	8.2	15.8
Transport, Storage and Communication ..	22.2	1.7	12.1	28.9	31.4	32.3	43.9	40.9
Other Economic Services	9.5	8.1	8.7	8.9	9.2	11.3	12.7	21.1
Community Services ..	14.0	12.7	14.0	15.9	16.4	16.8	20.8	16.6
Unallocable	43.2	44.2	64.2	66.3	81.5	165.7	272.3	188.9
Total	600.8	325.8	391.8	530.3	592.1	702.0	1,101.5	1,040.9

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 to other years.

(1) Refers to Financial Year 1st January, 1969 to 31st March, 1970.

(2) Refers to Financial Year 1st April, 1970 to 31st March, 1971.

11.4 REVENUE COLLECTED BY CUSTOMS AND EXCISE DEPARTMENT

\$ Thousand

	1963	1964	1965	1966	1967	1968	1969	1970
Liquors	31,093	33,671	37,661	40,536	43,518	51,398	50,146	60,020
Tobacco	45,310	45,407	47,076	46,846	47,153	58,259	62,390	69,753
Petroleum	38,901	41,718	53,200	55,730	53,134	57,195	64,269	74,144
Entertainment Duties	7,614	6,713	7,424	8,448	8,559	9,188	9,583	10,585
Protective Duties	679	656	4,116	16,923	17,255	20,579	34,899	47,560
Film Hire Duty	1,432	1,289	1,285	1,461	1,503	1,644	1,736	1,982
Others	1,500	2,023	15,096	16,464	16,601	15,432	16,362	18,934
Total	126,529	131,477	165,858	186,408	187,723	213,695	239,385	282,978

Source: Customs & Excise Department

11.5 REVENUE COLLECTED BY INLAND REVENUE DEPARTMENT

\$ Thousand

	1963	1964	1965	1966	1967	1968	1969	1970
Income Tax	87,972	93,111	100,230	112,848	128,558	152,814	198,722	251,083 ⁽¹⁾
Property Tax	49,229	61,915	55,441	73,084	78,649	88,284	103,737	108,678
Estate Duties	6,962	5,040	7,784	5,010	7,334	8,364	8,506	9,439
Stamp Duties	6,760	7,060	6,310	6,414	8,358	10,472	17,380	22,843
Payroll Tax	-	-	7,333	9,568	10,108	11,128	13,351	16,946
Bets, Sweepstakes & Private Lotteries	5,884	5,681	5,709	6,265	6,463	6,454	7,782	9,077
Radio & Television Fees	2,112	2,707	3,609	4,449	4,999	5,594	6,199	7,099
Others(2)	347	341	411	341	306	529	1,575	2,738
Total	159,226	175,855	186,827	217,979	244,775	283,639	357,252	427,903

Source: Inland Revenue Department

(1) Unadjusted for combined transfers between Singapore and Malaysia.

(2) Figures include Rubber Estates Duties and Hotel Cess. Prior to 1st November, 1968, Hotel Cess was collected by the Tourist Promotion Board.

11.6 DEVELOPMENT FUND: RECEIPTS AND EXPENDITURE

\$ Million

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(1)	286.9	416.7	37.5	241.8	137.4	332.8	154.6	178.1	0.1
1970/71(2)	370.8	346.5	40.0	181.0	125.5	356.4	130.7	225.3	0.4

(1) Refers to Financial Year 1st January, 1969 to 31st March, 1970.

(2) Refers to Financial Year 1st April, 1970 to 31st March, 1971.

Source: Accountant-General

11.7 ASSESSED INCOME AND TAX ASSESSED: INDIVIDUALS
(Year of Assessment 1968)

Assessed Income Groups \$	Number of Taxpayers		Assessed Income \$'000		Tax Assessed \$'000	
	Resident	Non-Resident	Resident	Non-Resident	Resident	Non-Resident
6,000 and below	44,163	4,226	181,993	6,869	2,729	2,421
6,001 - 8,000	19,702	266	136,985	1,844	2,896	628
8,001 - 10,000	10,916	172	97,354	1,545	3,127	468
10,001 - 15,000	11,420	182	137,254	2,162	6,972	681
15,001 - 20,000	4,127	71	70,877	1,229	5,663	378
20,001 - 30,000	3,444	69	83,161	1,662	9,536	542
30,001 - 50,000	2,010	45	75,107	1,682	12,508	588
50,001 - 100,000	715	18	46,132	1,235	12,100	413
100,001 - 200,000	115	7	14,828	810	5,635	324
200,001 and over	17	1	4,910	279	1,829	111
Total	96,629	5,057	848,601	19,317	62,995	6,554

Notes: Figures refer to assessments made during the period 1.1.68 to 31.12.69 (24 months).

Source: Inland Revenue Department

11.8 ASSESSED INCOME AND TAX ASSESSED: INDIVIDUALS
(Year of Assessment 1969)

Assessed Income Groups \$	Number of Taxpayers		Assessed Income \$'000		Tax Assessed \$'000	
	Resident	Non-Resident	Resident	Non-Resident	Resident	Non-Resident
6,000 and below	45,405	3,482	189,912	5,775	2,820	1,951
6,001 - 8,000	19,176	232	133,526	1,606	2,870	709
8,001 - 10,000	11,003	137	98,148	1,225	3,208	399
10,001 - 15,000	11,926	167	143,125	2,007	7,236	575
15,001 - 20,000	4,363	63	75,070	1,098	6,038	305
20,001 - 30,000	3,549	62	85,776	1,488	9,880	483
30,001 - 50,000	2,163	38	81,381	1,459	13,674	522
50,001 - 100,000	799	14	51,567	906	13,606	322
100,001 - 200,000	142	6	19,517	728	7,699	289
200,001 and over	34	1	10,251	286	4,807	11
Total	98,560	4,202	888,273	16,578	71,838	5,566

Notes: Figures refer to assessments made during the period 1.1.69 - 31.3.70 (15 months).

Source: Inland Revenue Department

12. PRICES

11.9 RATES OF TAX ON RESIDENT INDIVIDUALS AND PERSONAL ALLOWANCES

AS FROM 1.1.67.

					Rate of Tax (%)
For every dollar of first \$	2,500	..	..	..	6
For every dollar of next	2,500	..	..	..	9
For every dollar of	2,500	..	..	..	12
For every dollar of	2,500	..	..	..	15
For every dollar of	5,000	..	..	..	20
For every dollar of	5,000	..	..	..	23
For every dollar of	5,000	..	..	..	25
For every dollar of	10,000	..	..	..	30
For every dollar of	15,000	..	..	..	40
For every dollar exceeding	50,000	..	..	..	50

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

11.10 REVENUE AND EXPENDITURE OF PUBLIC AUTHORITIES, 1969 AND 1970

\$ Million

	Public Utilities Board		Port of Singapore Authority		Housing and Development Board		Singapore Telephone Board		Central Provident Fund Board		Other Public Authorities		Total	
	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970
Revenue	159.8	180.0	79.7	93.6	45.6	47.5	24.0	27.7	34.4	40.9	18.7	28.9	362.2	418.6
Expenditure	94.6	98.7	61.6	64.6	19.7	22.2	14.0	15.0	1.9	2.1	22.7	28.1	214.5	230.7
Operating Surplus	65.2	81.3	18.1	29.0	25.9	25.3	10.0	12.7	32.5	38.8	-4.0	0.8	147.7	187.9
Other Income	0.7	0.4	5.2	6.4	16.1	18.6	2.9	1.5	0.4	0.8	-	-	25.3	27.7
Other Expenditure	25.6	27.7	0.4	0.6	49.8	49.8	0.2	1.0	28.5	34.8	-	-	104.5	113.9

TOTAL PUBLIC AUTHORITIES

\$ Million

	1963	1964	1965	1966	1967	1968	1969	1970
Revenue	173.7	267.2	255.0	282.4	331.6	363.1	362.2	418.6
Expenditure	99.6	159.8	159.6	170.6	209.2	216.8	214.5	230.7
Operating Surplus	74.1	107.4	95.4	111.8	122.4	146.3	147.7	187.9
Other Income	3.5	6.5	9.4	15.4	18.6	18.2	25.3	27.7
Other Expenditure	52.3	75.5	90.0	91.8	84.8	93.7	104.5	113.9

12. PRICES

Consumer Price Index

The Consumer Price Index is compiled on the basis of a list of items and weighting pattern derived from the Household Expenditure Survey conducted in 1956/1957 and updated for changes in April/May 1960 which is the base period. 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 indices.

Retail Prices

Retail prices are collected weekly from eight markets in eight postal districts for perishable food items, such as vegetables, fish, meat and poultry, and fortnightly for other food items such

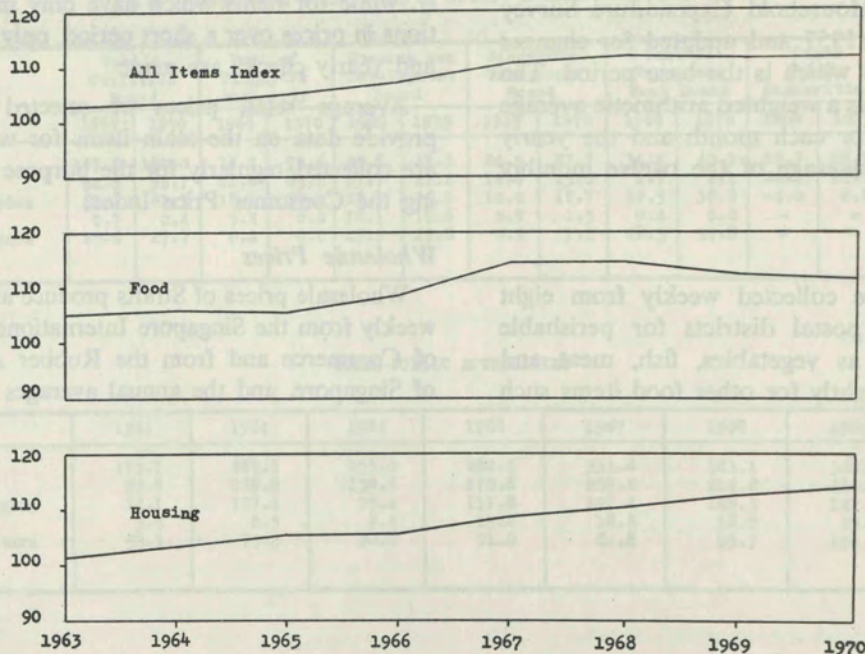
as rice, flour, sugar, beverages, etc. from shops in seven postal districts. Prices for items of clothing and some miscellaneous items are collected monthly, while for items which have only minor variations in prices over a short period, only half-yearly and yearly checks are made.

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

Wholesale Prices

Wholesale prices of Straits produce are obtained weekly from the Singapore International Chamber of Commerce and from the Rubber Association of Singapore, and the annual averages calculated.

CONSUMER PRICE INDEX
(April/May 1960 = 100)



12.1 CONSUMER PRICE INDEX

(April/May 1960 = 100)

	All Items	Food	Housing	Clothing	Miscellaneous
Weights	1,000.0	507.1	148.6	58.9	285.4
Year					
1963	103.1	105.1	101.3	99.7	101.2
1964	104.7	105.9	103.0	100.3	104.4
1965	105.0	105.4	105.1	101.6	105.0
1966	107.1	108.6	105.3	103.3	106.2
1967	110.6	114.3	108.6	103.5	106.5
1968	111.4	114.6	110.2	104.1	107.8
1969	111.1	112.2	112.5	106.3	109.5
1970	111.5	111.5	113.9	106.8	111.3

12.2 WHOLESALE PRICES OF STRAITS PRODUCE

	Unit	1963	1964	1965	1966	1967	1968	1969	1970
Rubber Ribbed Smoked Sheet Int. 1 f.o.b. in bales ..	cts. per lb.	72.42	68.12	70.13	65.55	54.17	53.04	69.68	56.56
Rubber Crepe: Int. No. 1 Compo Crepe	"	66.39	63.70	56.86	61.91	47.68	48.96	63.50	53.06
Rubber, Milling Grades: Cup Washing and Skimmings ..	"	62.22	56.46	49.50	56.22	40.05	42.52	58.70	44.78
Tin	\$ per picul	455.40	619.42	702.80	645.23	600.09	565.54	625.76	665.10
Coffee: A.P. 1	"	91.23	137.04	99.52	113.03	103.43	101.41	95.92	112.54
Pepper: White Muntok, genuine	"	152.87	152.32	184.67	195.72	145.44	123.91	155.06	179.95
Sago: Flour No. 1	"	9.27	10.67	10.11	10.64	9.71	11.87	10.83	12.95
Nutmegs: 80's	"	358.81	399.46	472.04	600.00	429.50	216.94	241.98	242.73
Coconut Oil: Crude in 2nd hand drums f.o.b.	"	48.39	54.29	61.74	48.23	50.87	57.83	52.54	59.02
Palm Oil f.o.b.	"	35.10	38.79	44.88	38.21	37.14	26.60	26.28	38.66
Oilcake: round	"	16.89	19.47	19.64	18.94	14.73	13.38	13.67	14.66
Mace: whole and broken ..	"	380.38	451.67	555.17	660.00	490.33	267.00	270.31	302.42
Rattan: Washed Loonty No. 1 and 2 (5/11 m.m.) ..	"	123.73	130.00	130.00	118.80	124.88	115.11	122.58	142.21
Gum Damar Singapore No. 1 ..	"	100.15	88.82	66.69	65.00	50.72	38.19	55.21	72.08

Source: International Chamber of Commerce
Rubber Association of Singapore

12.3 AVERAGE RETAIL PRICES OF SELECTED FOODSTUFFS

		Dollars								
Selected Foodstuffs		Units of Measure	1963	1964	1965	1966	1967	1968	1969	1970
Rice & Cereals:	Siam Polished Rice 100%	per kati	.35	.34	.34	.37	.47	.47	.42	.38
	Wheat Flour	2 katis	.46	.47	.49	.47	.47	.47	.47	.47
	Bread	lb. loaf	.26	.26	.26	.26	.27	.27	.27	.27
	Rice Vermicelli (Bee Hoon)	kt. pkt.	.36	.36	.37	.41	.47	.50	.47	.48
Meat & Poultry:	Mutton (Fresh) ..	per pound	1.39	1.41	1.45	1.42	1.46	1.47	1.45	1.45
	Pork, lean and fat ..	per kati	1.91	1.99	1.97	1.98	1.99	2.21	2.04	2.00
	Beef (Fresh)	per kati	2.08	2.09	2.15	2.36	2.37	2.39	2.34	2.41
	Hen	per kati	1.88	1.84	1.79	1.85	1.80	1.71	1.60	1.63
Milk, Eggs & Oils:	Condensed Milk ..	14 oz. tin	.59	.63	.65	.65	.64	.62	.55	.50
	Fowl's Eggs	per 10	1.02	1.04	1.01	1.10	.98	.98	.92	.94
	Cooking Oil	5 kt. tin	3.51	3.51	3.56	3.57	3.57	3.61	3.61	3.63
Fish:	Spanish Mackerel ..	per kati	1.27	1.31	1.33	1.34	1.33	1.30	1.41	1.44
	Golden Banded Scad ..	per kati	.68	.65	.61	.59	.59	.48	.54	.64
	Dorab	per kati	1.49	1.51	1.52	1.54	1.58	1.43	1.72	1.81
	Dried Prawn	per kati	2.50	2.56	2.51	2.53	2.64	2.54	2.53	2.59
Vegetables:	Cabbage	per kati	.32	.49	.41	.44	.42	.36	.38	.35
	Spinach	per kati	.21	.23	.22	.22	.23	.24	.23	.23
	Red Chillies	per kati	.87	.95	.84	1.03	.88	1.03	1.00	.96
	Cucumber	per kati	.26	.26	.26	.27	.26	.26	.27	.26
Fruits:	Apple	each	.20	.20	.20	.21	.20	.21	.21	.20
	Orange	each	.20	.20	.20	.20	.20	.20	.20	.19
	Pineapple	each	.36	.34	.33	.40	.39	.39	.39	.38
	Bananas	per kati	.30	.29	.28	.29	.29	.30	.29	.28
Miscellaneous:	Sugar	2 katis	.83	.74	.64	.60	.62	.65	.64	.67
	Coffee Powder	per kati	1.98	2.24	2.22	2.24	2.21	2.21	2.21	2.21
	Ceylon Tea	½ lb.pkt.	1.50	1.50	1.50	1.50	1.51	1.51	1.50	1.50

13. NATIONAL INCOME AND BALANCE OF PAYMENTS

Gross Domestic Expenditure

The estimates of gross domestic expenditure comprise of 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 statistics of retained imports and domestic production of goods locally consumed as well as value of 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 annual accounts of the Government.

Estimates of gross capital formation are compiled from data on retained imports of machinery and equipment and expenditure on buildings, other construction and works. Data on trade markups 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 esti-

mates are compiled based on data obtained from annual enquiries carried out for this purpose.

The estimates of gross domestic expenditure are available only at current prices.

Gross Domestic Product

The estimates of gross domestic product by industrial origin are compiled largely from statistics of local production and external trade and the published accounts of statutory authorities and Government. In addition, some of the basic data compiled for the estimates of gross domestic expenditure and balance of payments are also used. Both the output approach and the income approach are used in deriving estimates of the net contribution of the various industrial sectors to the gross domestic product, depending on the specific nature of the basic information which is available.

Data are not sufficiently available for the separate estimation of the net contribution of the transport, storage and communications sector and certain financial and service activities. Their contributions have therefore been estimated on an

aggregated 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 on services provided by the Port of Singapore Authority and the Airport, as well as receipts

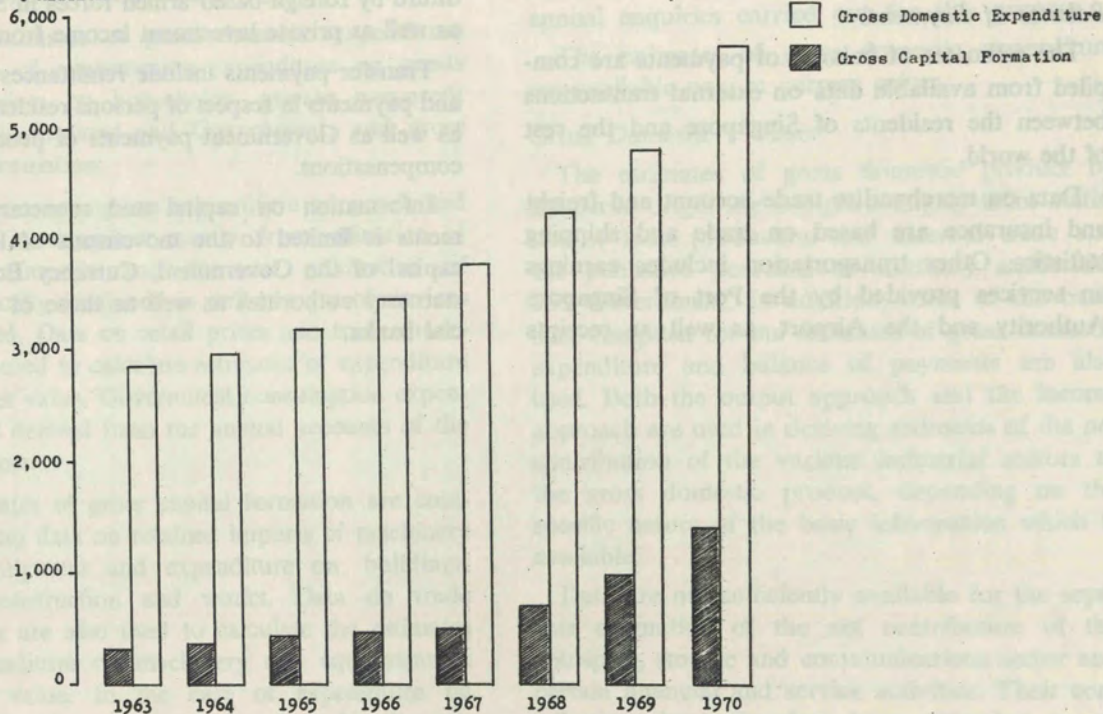
and payments on passenger fares. Receipts on other services are mainly accounted for by expenditure by foreign-based armed forces in Singapore as well as private investment income from abroad.

Transfer payments include remittances overseas and payments in respect of persons resident abroad as well as Government payments of pensions and compensations.

Information on capital and monetary movements is limited to the movements of long-term capital of the Government, Currency Board and statutory authorities as well as those of commercial banks.

ESTIMATES OF GROSS DOMESTIC EXPENDITURE AT MARKET PRICES

\$ Million



13.1 ESTIMATES OF GROSS DOMESTIC EXPENDITURE
(At Current Prices)

\$ Million

	1963	1964	1965	1966	1967	1968	1969	1970 (Prelim.)
Private consumption expenditure	2,301.9	2,290.3	2,444.2	2,639.1	2,882.9	3,057.4	3,241.1	3,573.7
Government consumption expenditure	277.0	289.8	314.5	347.4	386.3	444.2	542.0	730.6
Gross domestic fixed capital formation	327.3	421.0	475.8	473.3	518.3	735.9	996.0	1,403.1
Gross domestic expenditure at market prices	2,906.2	3,001.1	3,234.5	3,459.8	3,787.5	4,237.5	4,779.1	5,707.4
Less Indirect taxes ..	135.6	145.9	169.7	204.8	208.8	238.9	285.5	338.0
Gross domestic expenditure at factor cost	2,770.6	2,855.2	3,064.8	3,255.0	3,578.7	3,998.6	4,493.6	5,369.4
Per Capita Gross Domestic Expenditure at factor cost (\$)	1,561	1,569	1,643	1,701	1,830	2,011	2,228	2,620

13.2 DETAILS OF PRIVATE CONSUMPTION EXPENDITURE ON GOODS AND SERVICES
(At Current Prices)

\$ Million

	1963	1964	1965	1966	1967	1968	1969	1970 (Prelim.)
A. Private Consumption Expenditure on Goods:								
Food	702.1	687.2	734.5	786.4	850.5	861.4	887.6	969.1
Beverage	88.2	94.8	107.5	117.7	126.6	144.8	146.3	170.2
Tobacco	88.7	94.1	97.3	102.5	114.4	122.7	120.9	134.0
Clothing and other personal effects	327.2	311.8	325.6	357.4	398.8	464.5	480.2	491.1
Furniture, furnishings and durable household equipment	174.8	153.9	170.4	193.0	213.5	222.3	225.9	262.4
Non-durable household goods	45.3	46.6	41.9	43.5	46.9	53.2	53.3	60.9
Recreational goods ..	65.8	61.7	73.2	85.2	105.1	100.4	119.2	127.1
Other goods	62.8	58.1	62.9	69.3	87.8	78.1	92.7	107.8
Total	1,554.9	1,508.2	1,613.3	1,755.0	1,943.6	2,047.4	2,126.1	2,322.6
B. Private Consumption Expenditure on Services:								
Housing	158.3	170.1	183.1	199.5	220.5	239.0	265.2	291.9
Transport & communication	235.1	246.9	266.7	288.6	306.9	344.6	404.9	488.0
Other services	273.6	285.1	301.1	316.0	331.9	346.4	364.9	391.2
Total	667.0	702.1	750.9	804.1	859.3	930.0	1,035.0	1,171.1

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 PRIVATE CONSUMPTION EXPENDITURE ON GOODS, 1969 & 1970

(At Current Prices)

\$ Million

	1969			1970 (Preliminary)		
	Retained Imports	Local Production	Total	Retained Imports	Local Production	Total
Food	477.4	410.2	887.6	522.9	446.2	969.1
Rice	98.2	-	98.2	92.1	-	92.1
Bread & cereals	18.4	47.7	66.1	21.1	49.0	70.1
Meat & fish	131.1	171.5	302.6	145.5	183.5	329.0
Milk, cheese & eggs	24.9	54.7	79.6	28.9	61.8	90.7
Fruits & vegetables	138.1	29.3	167.4	153.4	32.5	185.9
Other food	66.7	107.0	173.7	81.9	119.4	201.3
Beverages	49.8	96.5	146.3	65.1	105.1	170.2
Non-alcoholic	-	47.5	47.5	-	51.8	51.8
Alcoholic	49.8	49.0	98.8	65.1	53.3	118.4
Tobacco	21.3	99.6	120.9	24.9	109.1	134.0
Clothing & Personal Effects	335.5	144.7	480.2	336.4	154.7	491.1
Footwear & clothing	254.9	79.3	334.2	244.9	78.4	323.3
Other personal effects	80.6	65.4	146.0	91.5	76.3	167.8
Furniture, Furnishings & Durable Household Equipment	139.7	86.2	225.9	167.8	94.6	262.4
Furniture & furnishings	31.9	53.7	85.6	38.4	55.6	94.0
Durable household equipment	107.8	32.5	140.3	129.4	39.0	168.4
Non-durable Household Equipment	23.6	29.7	53.3	25.8	35.1	60.9
Recreational Goods	77.2	42.0	119.2	84.0	43.1	127.1
Books, newspapers & magazines	27.6	40.4	68.0	28.1	41.1	69.2
Sports goods including toys	49.6	1.6	51.2	55.9	2.0	57.9
Other Goods	66.2	26.5	92.7	85.2	22.6	107.8
Toilet articles & preparations	21.7	22.2	43.9	29.5	22.6	52.1
Medicinal & pharmaceutical products	44.5	4.3	48.8	55.7	-	55.7
Total	1,190.7	935.4	2,126.1	1,312.1	1,010.5	2,322.6

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

(At Current Prices)

\$ Million

	1963	1964	1965	1966	1967	1968	1969	1970 (Prelim.)
Machinery and equipment: ..	128.4	183.9	186.1	204.2	208.7	283.6	456.8	720.7
Machinery other than electric	55.7	83.8	80.7	106.4	119.4	168.2	282.4	415.4
Electric machinery ..	54.7	80.0	84.0	74.4	65.4	77.8	122.1	197.9
Miscellaneous	18.0	20.1	21.4	23.4	23.9	37.6	52.3	107.4
Transport equipment ..	19.2	21.6	31.8	20.7	23.4	106.4	123.7	116.7
Building, other construction and works:	179.7	215.5	257.9	248.4	286.2	345.9	415.5	565.7
Dwellings	82.5	87.1	96.2	109.7	126.7	135.5	140.8	179.8
Non-residential buildings	48.8	56.8	66.3	56.1	81.3	108.1	150.6	202.4
Other construction and works	48.4	71.6	95.4	82.6	78.2	102.3	124.1	183.5
Gross Domestic Fixed Capital Formation	327.3	421.0	475.8	473.3	518.3	735.9	996.0	1,403.1
Public Sector	165.7	214.7	216.0	239.6	224.9	300.9	288.5	424.9
Private Sector	161.6	206.3	259.8	233.7	293.4	435.0	707.5	978.2

13.5 ESTIMATES OF GROSS DOMESTIC PRODUCT BY INDUSTRIAL ORIGIN
(At Current Prices)

\$ Million

	1963	1964	1965	1966	1967	1968	1969	1970 (Prelim.)
Agriculture and Fishing ..	146.8	142.0	139.6	152.8	146.0	148.2	154.2	162.2
Manufacturing and Quarrying	294.8	330.5	414.3	486.8	616.5	716.0	897.2	1,153.5
Construction	94.7	113.9	130.6	128.7	150.1	179.8	212.9	290.4
Electricity, gas and water services	52.8	59.2	54.0	73.3	92.7	108.8	119.5	136.0
Entrepot and domestic trade	859.4	708.1	772.0	878.7	998.5	1,308.6	1,547.9	1,695.0
a. Entrepot trade ..	441.1	286.2	305.6	349.0	408.5	538.7	666.1	636.0
b. Domestic trade ..	418.3	421.9	466.4	529.7	590.0	769.9	881.8	1,059.0
Ownership of dwellings ..	110.4	118.1	128.7	141.5	152.5	167.2	184.6	206.9
Government services ..	189.0	191.0	214.3	246.4	264.9	300.3	321.0	393.6
Other services	935.9	1,037.5	1,189.9	1,257.0	1,270.9	1,328.1	1,402.8	1,526.9
Gross Domestic Product at factor cost	2,683.8	2,700.3	3,043.4	3,365.2	3,692.1	4,257.0	4,840.1	5,564.5

13.6 ESTIMATES OF BALANCE OF PAYMENTS

\$ Million

	1963	1964	1965	1966	1967	1968	1969
A. Goods and services (net)	-300	-93	-101	48	-188	-435	-660
Merchandise trade (f.o.b.)							
Exports	3,291	2,601	2,810	3,168	3,239	3,589	4,471
Imports	3,995	3,252	3,570	3,825	4,149	4,759	5,863
Trade balance	-704	-651	-760	-657	-910	-1,170	-1,392
Services (net)	404	558	659	705	722	735	732
Freight and insurance	-241	-189	-207	-223	-248	-299	-356
Transportation	231	221	249	274	348	432	433
Travel	44	50	53	72	108	128	196
Other invisibles and investment income	370	476	564	582	514	474	459
B. Transfer payments (net)	-32	-73	-49	-45	-39	-41	-39
C. Non-monetary capital (net)	41	22	87	51	113	271	170
Private long-term (net)	16	33	58	94	104	122	145
Official long-term (net)	25	-11	29	-43	9	149	25
Sub-total (A. + B. + C)	-291	-144	-63	54	-114	-205	-529
D. Net errors and omissions	372	54	31	133	473	753	994
E. Over-all payments surplus or deficit (-) (A through D)	81	-90	-32	187	359	548	465
F. Monetary movements (net)							
(increase -)	-81	90	32	-187	-359	-548	-465
Net IMF accounts	-	-	-	-23	-	-	-
Currency Board's foreign assets	-16	-32	-47	-53	-29	-49	-104
Commercial bank's foreign assets	17	78	17	-34	-55	115	-172
Central government assets	-82	44	62	-77	-275	-614	-189

14. EDUCATION

In Singapore in recent years, there has been a rapid expansion in the educational system and in school enrolment at all levels and in the four language streams.

Primary Education

Primary education is free for all children born in Singapore who have attained their sixth birthday. Parents have the choice of enrolling their children in schools in any one of the four official language streams in Singapore — Malay, Chinese, English and Tamil. Primary education 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.

Secondary Education

Prior to 1969, secondary education in schools was provided in four different sets of syllabus covering academic, commercial and technical subjects. Students in academic, technical and

commercial schools take four years to complete their secondary education after which those in the English stream sit for the Cambridge Overseas School Certificate Examination. Those in the other language streams sit for the school Certificate Examination conducted by the Ministry of Education, Singapore. Students in the vocational schools do an initial two years of study in vocational studies such as motor repairing, carpentry, plumbing, etc. and then proceed to do a further two years of specialised training in various trades at the Singapore Vocational Institute.

From 1969, however, the system of secondary education was changed. Under the new system, during the first two years of secondary education a comprehensive range of syllabus covering both academic and technical subjects is provided, after which pupils are streamed off as academic, technical or commercial. After four years of secondary education, pupils in the English stream sit for the Cambridge School Certificate Examination while those in other language streams sit for

the School Certificate Examination conducted by the Ministry of Education, Singapore.

Technical Education

Under the newly reformed system of secondary education, basic workshop subjects, e.g. woodwork, metal-work and basic electricity, are introduced to all secondary school pupils in their initial two years of study, at the end of which one out of every three pupils who proceed to the third and fourth year of secondary education will enter the technical stream or vocational institutions. Over-aged pupils who do not proceed to secondary schools after their primary education may continue their education by taking special courses run by the Adult Education Board or join the Industrial Training Centres. Pupils who leave school after completing Secondary II may receive vocational or technical training in Vocational Institutes and Industrial Training Centres.

Higher Education

The institutions of higher learning in Singapore are the University of Singapore, the Nanyang University, the Singapore Polytechnic, the Teachers' Training College, and the Ngee Ann

Technical College. Students seeking admission to the University of Singapore are normally required to have attended two years of Pre-University classes and passed the Higher School Certificate 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. Diploma courses in Public Health, Fisheries and Social Studies are also provided. The medium of instruction is English. Courses in other languages 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 at diploma level professional courses in Architecture, Building and Quantity Surveying and Valuation Surveying, and technician courses in Engineering, Architectural Craftsmanship, Industrial Technology, Land Surveying, Rubber and Plastics Technology and Ship Construction.

The Ngee Ann College which was initially established in 1963 was converted to a Technical College in 1969 and it offers diploma courses in Mechanical Engineering, Industrial Electronics and Commerce.

The Teachers' Training College provides facilities for the training of teachers for all language streams and levels of primary and secondary education in Singapore.

Adult Education

The Adult Education Board is a statutory authority established to provide for the educational needs of the adult population. A varied and wide range of courses are provided in many different fields covering academic, commercial, recreational and special interest subjects and at different levels. The General Education Classes offer almost full school training for examinations

up to the School Certificate and Higher School Certificate levels. Special subject courses include specific subjects such as English, Commerce, Geography, Mathematics, Book-keeping, Accountancy, and recreational and special interest subject courses on topics such as Orchid Cultivation, Photography, Flower Arrangement, Sewing and Dressmaking, Radio Servicing and Stage Production.

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 paid by aided schools from their own funds as well as expenditure by private schools and organisations on education.

14.1 ENROLMENT IN EDUCATIONAL INSTITUTIONS

14.1 ENROLLMENT IN EDUCATIONAL INSTITUTIONS								Number
Year	Primary Schools	Secondary Schools			Technical and Vocational Institutes	Industrial Training Centres	Universi- ties and Colleges	Total
		Total	Academic	Others(1)				
1963	335,656	84,425	81,245	3,180	843	-	11,849	432,773
1964	348,167	99,992	91,226	8,366	871	-	12,693	461,323
1965	357,075	114,736	102,861	11,875	1,193	-	13,807	486,811
1966	364,846	132,088	116,956	15,132	1,409	-	13,184	511,527
1967	368,654	144,448	124,701	19,747	1,752	-	13,005	527,859
1968	371,970	150,641	127,866	22,775	2,199	-	12,447	537,257
1969	366,881	147,981	131,455	16,526	2,843	1,286	12,713	531,704
1970	363,518	145,740	136,782	8,958	3,039	1,688	13,683	527,668

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

- (1) Include enrolment in technical, commercial and vocational courses.

Source: Ministry of Education

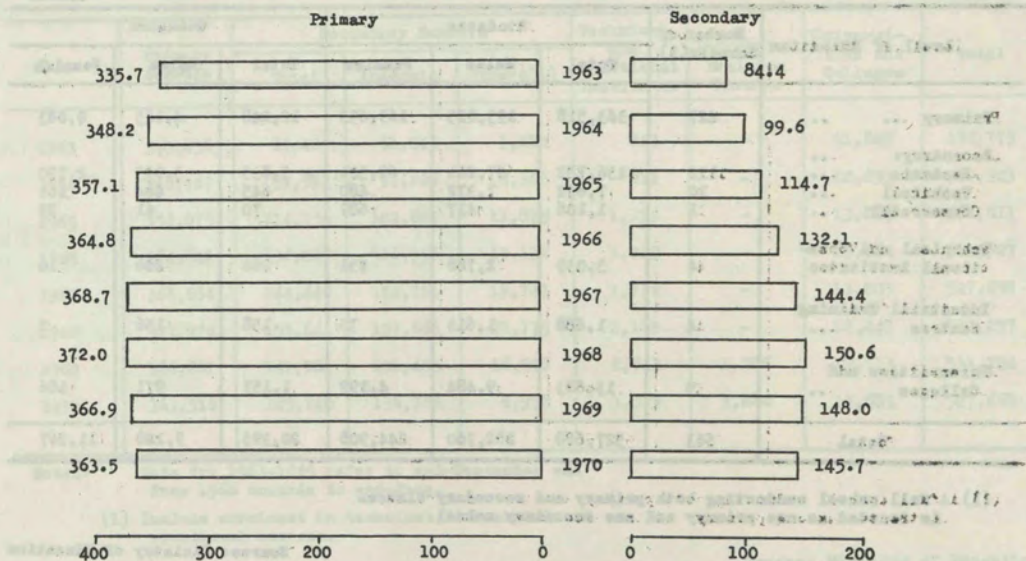
14.2 STUDENTS AND TEACHERS AT EDUCATIONAL INSTITUTIONS, 1970
(As at end of June)

Level of Education	Number of Schools(1)	Students			Teachers		
		Total	Males	Females	Total	Males	Females
Primary	427	363,518	193,825	169,693	12,248	4,165	8,083
Secondary: ..							
Academic ..	112	136,782	67,261	69,521	5,835	3,045	2,790
Technical ..	10	7,852	7,372	480	645	484	161
Commercial ..	1	1,106	417	689	70	41	29
Technical and Vocational Institutes	4	3,039	2,788	251	282	266	16
Industrial Training Centres ..	4	1,688	1,613	75	158	156	2
Universities and Colleges ..	5	13,683	9,484	4,199	1,157	971	186
Total	563	527,668	282,760	244,908	20,395	9,128	11,267

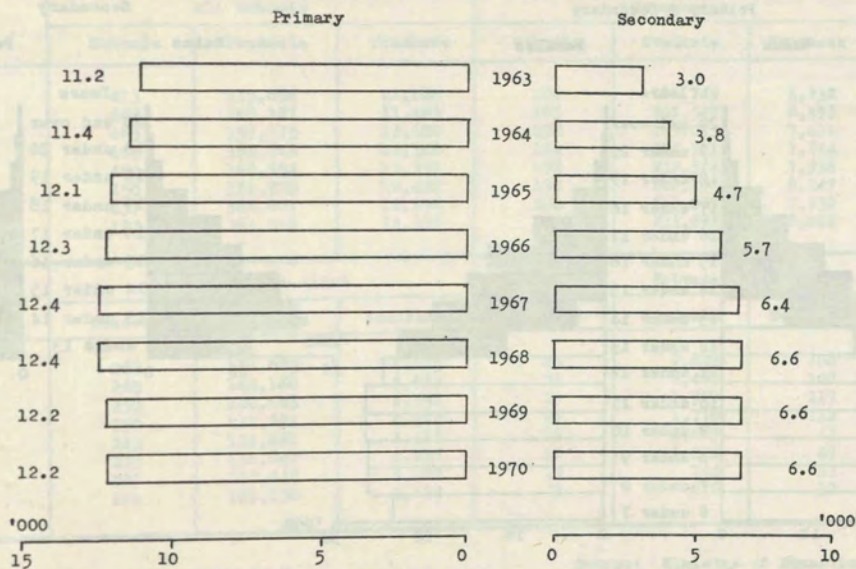
(1) A full school conducting both primary and secondary classes is treated as one primary and one secondary school.

Source: Ministry of Education

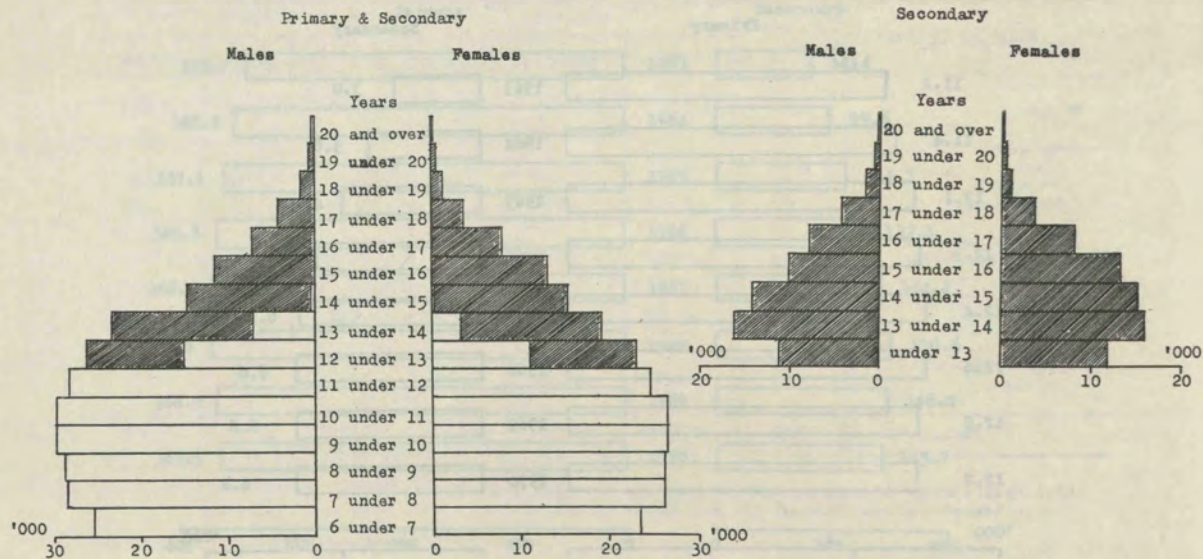
NUMBER OF STUDENTS



NUMBER OF TEACHERS



PRIMARY & SECONDARY EDUCATION
Enrolment by Age and Sex, 1970



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

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

Notes: See note to Table 14.1

Source: Ministry of Education

14.4 PRIMARY EDUCATION: STUDENTS AND TEACHERS BY TYPE OF SCHOOL, 1970

(As at end of June)

Number

Type of School	Students			Teachers		
	Total	Males	Females	Total	Males	Females
Government:						
English	194,198	105,796	88,402	6,474	1,825	4,649
Chinese	19,514	10,983	8,531	678	283	395
Malay	19,749	7,881	11,868	874	442	432
Tamil	231	85	146	18	9	9
Government-Aided:						
English	32,529	16,081	16,448	1,024	232	792
Chinese	95,671	52,251	43,420	3,095	1,351	1,744
Malay	-	-	-	-	-	-
Tamil	950	346	604	53	20	33
Private:						
English	512	305	207	24	1	23
Chinese	164	97	67	8	2	6
Malay	-	-	-	-	-	-
Tamil	-	-	-	-	-	-
Total	363,518	193,825	169,693	12,248	4,165	8,083

Source: Ministry of Education

14.5 PRIMARY EDUCATION: ENROLMENT BY LEVEL OF EDUCATION AND AGE, 1970

								Males
Age as at 1.1.70	Primary I	Primary II	Primary III	Primary IV	Primary V	Primary VI	Primary VI (Repeat)	Total
Under 6	-	-	-	-	-	-	-	-
6 and under 7	25,429	16	-	-	-	-	-	25,445
7 and under 8	3,301	25,175	12	2	-	-	-	28,490
8 and under 9	5	3,351	25,235	23	6	-	-	28,620
9 and under 10	3	27	4,866	24,634	30	4	-	29,564
10 and under 11	1	5	192	6,252	23,097	34	-	29,581
11 and under 12	-	4	19	563	7,647	20,064	23	28,320
12 and under 13	1	-	4	43	1,044	7,181	7,139	15,412
13 and under 14	-	1	6	7	98	1,210	6,239	7,561
14 and under 15	-	1	3	9	14	105	613	745
15 and under 16	-	-	-	5	14	18	-	37
16 and over	-	-	-	3	13	34	-	50
Total	28,740	28,580	30,337	31,541	31,963	28,650	14,014	193,825

								Females
Age as at 1.1.70	Primary I	Primary II	Primary III	Primary IV	Primary V	Primary VI	Primary VI (Repeat)	Total
Under 6	2	-	-	-	-	-	-	2
6 and under 7	23,684	32	1	-	-	-	-	23,717
7 and under 8	3,190	23,251	13	3	-	-	-	26,457
8 and under 9	6	3,263	23,011	66	4	-	-	26,350
9 and under 10	2	17	4,209	22,383	100	5	-	26,716
10 and under 11	-	1	93	5,243	21,259	59	-	26,655
11 and under 12	-	-	10	295	6,317	18,181	21	24,824
12 and under 13	1	1	3	16	726	6,023	4,254	11,024
13 and under 14	-	-	1	2	40	764	2,742	3,549
14 and under 15	-	-	-	4	5	56	268	333
15 and under 16	-	-	-	-	3	9	1	13
16 and over	-	-	-	21	11	21	-	53
Total	26,885	26,565	27,341	28,033	28,465	25,118	7,286	169,693

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
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

Notes: See notes to Table 14.1

Source: Ministry of Education

14.7 SECONDARY EDUCATION: STUDENTS AND TEACHERS BY TYPE OF SCHOOL, 1970
(As at end of June)

Type of School	Students			Teachers		
	Total	Males	Females	Total	Males	Females
Government:						
English	68,647	35,318	33,329	3,120	1,649	1,471
Chinese	26,636	16,098	10,538	1,316	792	524
Malay	8,591	3,322	5,269	411	251	160
Tamil	-	-	-	-	-	-
Government-Aided:						
English	19,637	9,538	10,099	784	302	482
Chinese	19,888	9,739	10,149	819	528	291
Malay	-	-	-	-	-	-
Tamil	291	82	209	15	10	5
Private:						
English	1,812	814	998	73	28	45
Chinese	238	139	99	12	10	2
Malay	-	-	-	-	-	-
Total	145,740	75,050	70,690	6,550	3,570	2,980

Source: Ministry of Education

14.8 SECONDARY EDUCATION: ENROLMENT BY LEVEL OF EDUCATION AND AGE, 1970
ACADEMIC SCHOOLS

Males

Age as at 1.1.70	Secondary I	Secondary II	Secondary III	Secondary IV	Pre-University I	Pre-University II	Total
Under 12	101	-	-	-	-	-	101
12 and under 13	10,882	60	-	-	-	-	10,942
13 and under 14	5,977	9,953	44	-	-	-	15,974
14 and under 15	2,206	6,502	5,381	45	2	-	14,136
15 and under 16	260	2,542	3,694	5,136	28	4	11,664
16 and under 17	42	310	1,200	4,530	1,541	99	7,722
17 and under 18	30	80	206	2,045	930	1,025	4,316
18 and under 19	10	42	61	275	289	919	1,596
19 and under 20	8	12	24	62	56	470	632
20 and under 21	1	9	15	20	11	76	132
21 and under 22	1	3	4	8	1	11	28
22 and over	1	1	5	9	2	-	18
Total	19,519	19,514	10,634	12,130	2,860	2,604	67,261

Females

Age as at 1.1.70	Secondary I	Secondary II	Secondary III	Secondary IV	Pre-University I	Pre-University II	Total
Under 12	62	-	-	-	-	-	62
12 and under 13	11,782	104	-	-	-	-	11,886
13 and under 14	5,526	10,120	93	1	-	-	15,740
14 and under 15	1,435	5,667	7,908	46	-	-	15,056
15 and under 16	151	1,710	4,898	6,387	44	9	13,199
16 and under 17	39	235	1,438	4,891	1,339	119	8,061
17 and under 18	32	96	197	1,873	705	852	3,755
18 and under 19	10	57	66	230	167	685	1,215
19 and under 20	4	19	23	61	29	262	398
20 and under 21	1	7	20	25	5	53	111
21 and under 22	-	3	4	15	1	3	26
22 and over	-	2	-	4	4	2	12
Total	19,042	18,020	14,647	13,533	2,294	1,985	69,521

Source: Ministry of Education

14.9 SECONDARY EDUCATION: ENROLMENT BY LEVEL OF EDUCATION AND AGE, 1970
TECHNICAL AND COMMERCIAL SCHOOLS

Males									
Age as at 1.1.70	Total	Technical (1)				Commercial			
		III	IV	Pre-U I	Pre-U II	III	IV	Pre-U I	Pre-U II
Under 12	-	-	-	-	-	-	-	-	-
12 and under 13	-	-	-	-	-	-	-	-	-
13 and under 14	10	10	-	-	-	-	-	-	-
14 and under 15	2,438	2,364	1	-	-	73	-	-	-
15 and under 16	2,852	1,838	898	-	-	91	25	-	-
16 and under 17	1,408	515	747	39	4	30	66	7	-
17 and under 18	502	50	311	23	38	4	41	26	9
18 and under 19	108	4	33	18	25	-	2	4	22
19 and under 20	45	-	5	3	23	-	1	2	11
20 and over	9	-	-	-	6	-	-	-	3
Total	7,372	4,781	1,995	83	96	198	135	39	45

(1) Exclude enrolment of 417 secondary students of Boys' Town School

Females									
Age as at 1.1.70	Total	Technical				Commercial			
		III	IV	Pre-U I	Pre-U II	III	IV	Pre-U I	Pre-U II
Under 12	-	-	-	-	-	-	-	-	-
12 and under 13	-	-	-	-	-	-	-	-	-
13 and under 14	-	-	-	-	-	-	-	-	-
14 and under 15	347	186	-	-	-	161	-	-	-
15 and under 16	309	126	40	-	-	103	40	-	-
16 and under 17	258	36	55	1	-	50	73	43	-
17 and under 18	191	1	28	2	2	2	70	69	17
18 and under 19	57	1	-	-	2	-	6	9	39
19 and under 20	7	-	-	-	-	-	1	-	6
20 and over	-	-	-	-	-	-	-	-	-
Total	1,169	350	123	3	4	316	190	121	62

Source: Ministry of Education

14.10 UNIVERSITIES AND COLLEGES - STUDENT ENROLMENT

Year	Number											
	Singapore University		Nanyang University		Singapore Polytechnic		Ngee Ann Technical College		Teachers' Training College		Total	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1963	1,790	643	1,760	564	2,154	105	277	109	2,096	2,351	8,077	3,772
1964	1,885	687	1,676	597	2,199	100	508	180	2,197	2,664	8,465	4,228
1965	2,035	835	1,559	567	2,255	80	634	239	2,355	3,248	8,838	4,969
1966	2,063	949	1,331	520	2,536	106	602	250	2,002	2,825	8,534	4,650
1967	2,227	1,056	1,218	532	2,814	149	296	104	1,841	2,768	8,396	4,609
1968	2,505	1,209	1,345	646	3,207	167	288	65	1,163	1,852	8,508	3,939
1969	3,192	1,367	1,362	677	3,187	123	379	150	923	1,353	9,043	3,670
1970	3,167	1,513	1,392	918	3,877	217	437	161	611	1,390	9,484	4,199

Source: Ministry of Education

14.11 UNIVERSITIES AND COLLEGES: STUDENTS ADMITTED AND GRADUATED

	Admitted				Graduated			
	1967	1968	1969	1970	1967	1968	1969	1970
Universities:								
Arts & Social Sciences ..	617	745	511	459	331	311	479	629
Science	585	625	497	352	453	423	536	623
Law	93	105	92	84	67	47	47	62
Medicine	125	129	108	129	144	112	132	135
Dentistry	34	34	37	38	34	27	35	44
Pharmacy	32	35	26	22	61	42	27	46
Architecture & Engineering	-	-	173	376	-	37	68	70
Commerce & Business								
Administration	174	202	495	551	191	159	248	302
Education	42	63	10	10	30	29	60	217
Total	1,702	1,938	1,949	2,021	1,311	1,187	1,632	2,128
Polytechnic:								
Engineering	1,776	2,071	2,464	3,211	205	210	280	612
Architectural Building ..	697	732	682	701	98	92	104	136
Accounting	424	440	-	-	75	11	-	-
Nautical	66	105	110	122	30	45	52	91
Total	2,963	3,348	3,256	4,034	408	358	436	839
Colleges:								
Ngee Ann (1)	-	116	385	481	134	126	134	-
Teachers' Training ..	1,652	905	880	1,480	1,844	2,297	1,443	1,495
Total	1,652	1,021	1,265	1,961	1,978	2,423	1,577	1,495
Total Universities & Colleges	6,317	6,307	6,470	8,016	3,697	3,968	3,645	4,462

(1) No students were admitted to the Ngee Ann College in 1967 due to reorganisation.

Source: University of Singapore
Nanyang University
Singapore Polytechnic
Ngee Ann College
Teachers' Training College

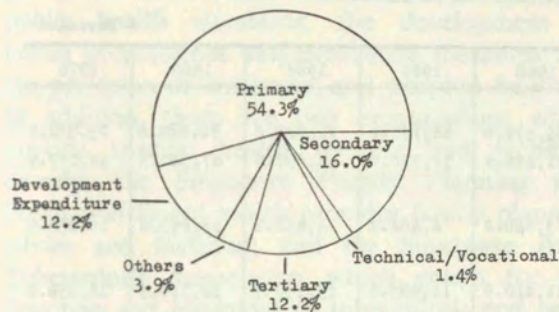
14.12 LEMBAGA GERAKAN PELAJARAN DEWASA (ADULT EDUCATION BOARD): STUDENT ENROLMENT

	Number							
	1963	1964	1965	1966	1967	1968	1969	1970
Literacy and Language classes	20,491	27,297	33,936	28,975	34,571	30,389	14,668	9,818
Special Language Classes	120	437	463	1,043	742	535	565	6,267
Foreign Language Classes	553	741	1,954	3,864	1,922	1,485	1,362	1,258
General Education Classes	7,916	9,941	12,671	16,082	16,270	16,627	11,032	9,823
Special Subject Classes	3,336	5,250	7,585	10,173	12,958	12,127	6,565	3,778
Commercial Classes	1,538	1,308	1,149	1,081	1,761	2,409	2,530	2,347
Vocational Classes	3,593	5,470	4,739	6,011	4,332	5,400	5,017	5,585
Recreational Courses	1,613	1,690	1,947	3,571	4,284	4,737	3,767	5,110
Special Classes for Overaged Students	-	-	-	-	-	-	4,105	5,691
Total	39,160	52,134	64,444	70,800	76,840	73,709	49,611	49,677

Source: Adult Education Board

ALLOCATION OF GOVERNMENT EXPENDITURE ON EDUCATION

\$107.9 Mil.

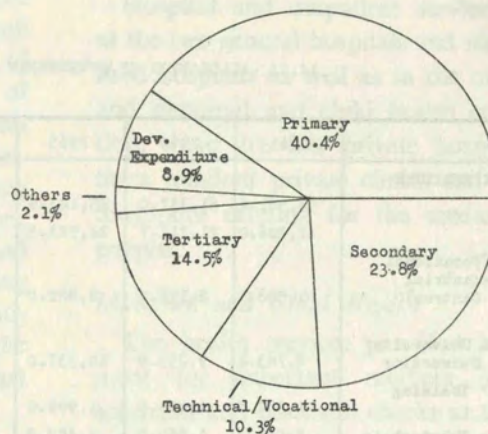


1963
\$ Mil.

58.6	-	Primary
17.2	-	Secondary
1.5	-	Technical/Vocational
13.1	-	Tertiary
4.2	-	Others
13.3	-	Development Expenditure

107.9

\$185.7



1970
\$ Mil.

75.0	-	Primary
44.2	-	Secondary
19.1	-	Technical/Vocational
27.0	-	Tertiary
3.8	-	Others
16.6	-	Development Expenditure

185.7

14.13 ALLOCATION OF GOVERNMENT EXPENDITURE ON EDUCATION

\$ Thousand

	1963	1964	1965	1966	1967	1968	1969	1970
RECURRENT EXPENDITURE								
Primary	58,581.2	61,337.0	65,143.6	66,579.0	68,177.2	71,828.6	92,689.8	75,054.7
Secondary	17,206.0	21,211.7	24,923.5	31,386.9	37,710.9	44,697.9	47,540.5	44,177.9
Technical/Vocational (incl. Industrial Training Centres)	1,508.7	2,176.2	2,822.2	3,648.2	4,486.9	4,238.1	18,893.8	19,053.9
Tertiary:								
Singapore University/ Nanyang University	8,743.4	9,255.0	10,337.0	11,410.9	11,985.8	13,150.7	18,719.0	18,650.0
Teachers' Training College	1,532.8	1,629.9	1,999.0	2,044.3	1,978.9	2,176.3	3,469.4	3,158.2
Singapore Polytechnic	2,000.2	1,850.0	2,400.0	2,700.0	3,840.0	3,500.0	5,350.0	3,811.0
Adult Education	853.2	1,200.0	1,635.0	2,080.4	2,101.8	2,000.0	1,000.0	1,350.0
Others	4,218.2	4,697.8	3,545.2	4,226.0	4,769.2	5,205.3	11,398.8	3,823.5
Total	94,643.7	103,357.6	112,805.5	124,075.7	135,050.7	146,796.9	199,061.3	169,079.2
DEVELOPMENT EXPENDITURE	13,243.9	16,871.6	17,405.7	18,304.2	20,687.4	8,933.2	18,550.6	16,627.6
TOTAL EXPENDITURE	107,887.6	120,229.2	130,211.2	142,379.9	155,738.1	155,730.1	217,611.9	185,706.8

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 provision of treatment and hospital facilities. In addition, there are two organisations which provide specific health services and facilities, namely, the Singapore Family Planning and Population Board which provides family planning advice and facilities, and the Singapore Anti-Tuberculosis Association which caters for the detection and treatment of tuberculosis and heart diseases.

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 two general hospitals and nine other specialised hospitals as well as in the outpatient clinics and maternal and child health centres. In addition, there are five private hospitals and some three hundred private clinics and dispensaries in Singapore catering for the medical care 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 and Thomson Road General Hospital and domiciliary aftercare service. The maternal and child health centres also provide immunisation and vaccination services for infants and children.

School Health

The school health service caters for the 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.

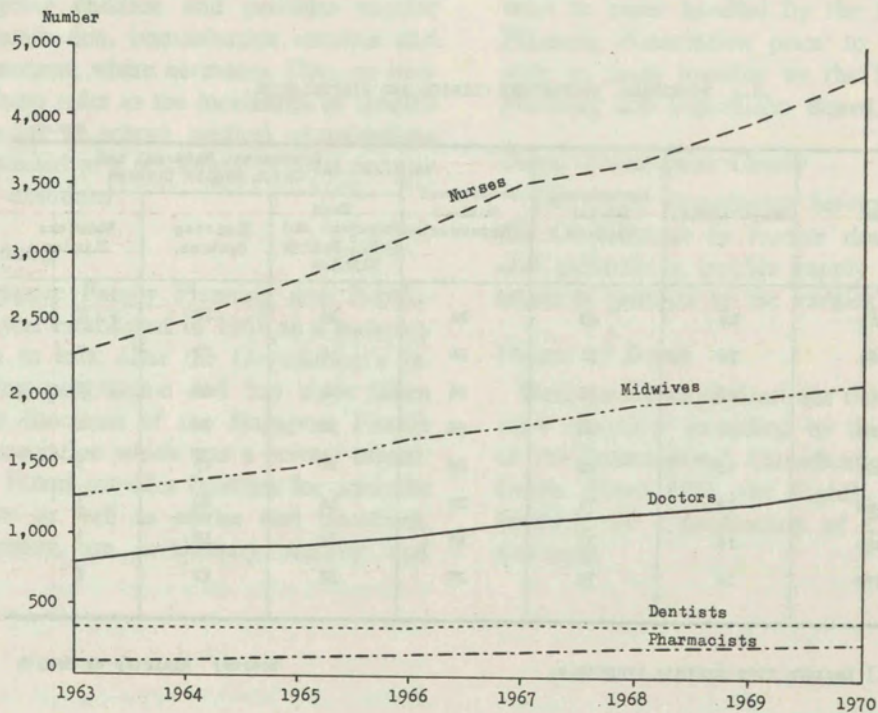
15.1 HOSPITALS, GOVERNMENT CLINICS AND DISPENSARIES

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

(1) Include five private hospitals.

Source: Ministry of Health

MEDICAL PERSONNEL



15.2 REGISTRATION OF MEDICAL PERSONNEL

Number

Medical Personnel	1963		1964		1965		1966		1967		1968		1969		1970	
	Government	Private	Government	Private	Government	Private	Government	Private	Government	Private	Government	Private	Government	Private	Government	Private
Doctors	404	394	426	463	450	469	454	535	510	589	502	657	517	726	496	867
Dentists	62	268	69	265	75	267	83	261	95	271	90	269	96	295	102	296
Nurses	1,594	675	1,831	690	2,109	698	2,309	822	2,527	981	2,591	1,079	2,689	1,261	2,843	1,461
Midwives	788	469	821	536	928	537	1,117	559	1,207	571	1,427	504	1,361	626	1,493	601
Pharmacists	29	71	32	73	37	89	41	107	46	124	46	160	46	182	47	198

Source: Ministry of Health

15.3 HOSPITAL BEDS IN GOVERNMENT HOSPITALS

Hospitals	Number							
	1963	1964	1965	1966	1967	1968	1969	1970
General Hospital	1,231	1,132	1,278	1,278	1,314	1,328	1,328	1,328
Thomson Road Hospital ..	396	396	396	396	396	396	396	338
Kandang Kerbau Hospital (Maternity & Gynaecology)	443	443	443	443	554	544	539	539
Tan Tock Seng Hospital (Tuberculosis)	1,320	1,320	1,320	1,324	1,324	1,324	1,324	1,306
Middle Road Hospital (Venereal Diseases) ..	61	61	61	61	63	63	63	51
Middleton Hospital (Infectious Diseases) ..	250	250	250	250	250	250	250	250
Trafalgar Home (Leprosy)	1,023	965	965	965	965	965	785	785
Woodbridge Hospital (Mental Illnesses) ..	1,869	1,869	1,869	1,869	1,869	1,869	2,029	2,029
Mental Defective Hospital	44	45	45	45	45	45	45	45
Chronic Sick Hospital ..	70	70	70	100	100	100	100	100
St. Andrew's Orthopaedic Hospital	120	120	120	120	120	120	120	120
Total ..	6,827	6,671	6,817	6,851	7,000	7,004	6,979	6,891

Source: Ministry of Health

15.4 ADMISSIONS IN GOVERNMENT HOSPITALS

Hospitals	Patient Days							
	1963	1964	1965	1966	1967	1968	1969	1970
General Hospital ..	378,862	383,559	390,422	390,502	394,621	406,711	416,255	424,658
Thomson Road Hospital ..	54,203	52,704	61,320	75,553	83,192	82,151	90,596	101,319
Kandang Kerbau Hospital (Maternity & Gynaecology)	114,900	162,435	186,103	183,945	190,584	164,888	155,472	149,352
Tan Tock Seng Hospital (Tuberculosis) ..	404,135	403,623	418,291	405,866	379,254	372,771	358,747	287,617
Middle Road Hospital (Venereal Diseases) ..	10,766	9,946	12,439	13,884	14,582	16,476	15,591	11,387
Middleton Hospital (Infectious Diseases) ..	56,004	46,440	56,840	48,176	46,962	41,917	38,630	38,780
Trafalgar Home (Leprosy) ..	229,950	218,270	290,145	184,325	174,470	171,520	185,785	175,565
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
Mental Defective Hospital	15,620	16,470	15,470	16,425	15,809	15,695	10,237	11,357
Chronic Sick Hospital ..	25,550	24,976	23,441	32,634	35,374	33,223	27,768	29,277
St. Andrew's Orthopaedic Hospital ..	32,289	35,220	32,111	29,801	30,858	22,735	30,941	29,145

Source: Ministry of Health

15.5 ADMISSIONS OF MAJOR INFECTIOUS DISEASES: GOVERNMENT HOSPITALS

	Number Admitted							
	1963	1964	1965	1966	1967	1968	1969	1970
Dysentery	644	687	522	537	381	435	466	443
Chicken Pox	1,221	701	1,385	360	970	863	491	410
Diphtheria	394	204	226	214	207	54	64	50
Measles	315	283	184	387	160	460	84	302
Mumps	50	29	22	11	80	80	101	56
Poliomyelitis	66	12	40	10	3	4	-	-
Typhoid	169	120	271	113	81	109	214	149
Whooping Cough	9	14	6	26	5	6	10	23

Source: Ministry of Health

15.6 ATTENDANCES AT GOVERNMENT DENTAL CLINICS

Year	Schools Division	Hospitals Division	Maternal and Child Health Division	Number of Visits	
				Miscellaneous	Total
1963	138,874	133,598	27,167	10,714	310,353
1964	157,112	119,443	24,240	13,938	314,733
1965	196,503	127,182	24,409	12,825	360,919
1966	241,015	139,237	24,440	11,103	415,795
1967	296,002	154,406	26,097	10,695	487,200
1968	340,208	150,798	26,218	6,174	523,398
1969	403,452	134,409	35,142	6,237	579,240
1970	431,723	122,611	34,398	4,782	593,514

Source: Ministry of Health

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

Number

	1963	1964	1965	1966	1967	1968	1969	1970
Ante-natal visits to Clinics	120,627	141,473	161,049	154,195	128,228	130,001	136,931	144,284
Post-natal visits to Clinics (1)	4,397	7,958	10,258	6,531	7,906	9,432	1,813	644
Confinements attended to by Government Midwives.. ..	2,529	6,336	5,559	3,937	2,175	1,601	835	582
Deliveries at Kandang Kerbau Maternity Hospital (2) ..	39,318	39,378	38,711	40,211	38,252	36,427	34,440	35,805
Visits by Midwives in the Puerperium (3)	155,183	158,009	159,974	155,912	143,633	138,939	193,059	195,937

- (1) Data from 1966 exclude pre-natal visits now incorporated in Family Planning Sessions.
 (2) Data from 1969 include deliveries at Thomson Road General Hospital.
 (3) Include visits for cases in both the domiciliary service and the domiciliary after-care service.

Source: Ministry of Health

15.8 ATTENDANCES AT GOVERNMENT CLINICS (CHILD HEALTH)

(Vaccination and Immunisation)

(vaccination and immunisation)								Number
	1963	1964	1965	1966	1967	1968	1969	1970
Infant attendances ..	447,539	443,273	457,906	459,859	438,569	412,496	397,170	387,108
Toddler & pre-school attendances	382,931	366,345	428,211	439,477	422,829	414,071	373,025	367,766
B.C.G. attendances ..	14,025	14,663	15,961	15,740	13,221	11,431	12,302	13,721
Primary vaccination attendances	45,480	45,774	44,916	44,420	42,904	38,609	36,072	35,347
Diphtheria immunisation:								
1st dose	6,656	9,562	26,888	12,792	10,843	10,156	7,047	7,545
2nd dose	6,469	7,907	28,566	14,194	11,876	10,950	7,795	7,591
Boosters	6,363	13,279	29,536	33,072	30,940	29,302	33,356	48,641
Kampong diphtheria immunisation								
1st dose	1,541	1,892	2,925	1,431	1,020	1,013	794	743
2nd dose	1,055	1,325	1,972	969	853	770	608	639
Boosters	740	1,056	2,809	2,084	2,117	2,635	2,816	3,981
Triple antigen immunisation (Clinic):								
1st dose	49,534	40,474	27,810	46,522	44,429	40,812	36,313	34,986
2nd doses	44,199	40,249	25,309	43,435	44,168	40,331	36,253	33,703
3rd dose	43,372	39,506	24,943	40,406	43,919	41,209	36,759	33,067
Boosters	16,228	11,144	6,297	10,338	12,213	14,102	13,178	10,647

Source: Ministry of Health

15.9 SCHOOL HEALTH: MEDICAL EXAMINATIONS

	Number							
	1963	1964	1965	1966	1967	1968	1969	1970
New Entrants	48,567	50,936	55,800	58,089	54,726	51,942	52,441	50,966
Primary Leavers	36,201	40,920	48,626	49,766	51,448	55,158	59,391	53,391
Secondary Leavers	6,633	9,956	16,244	16,849	22,676	24,402	28,969	22,876
Re-examination	19,190	16,275	20,955	23,119	18,848	20,587	22,300	31,398
Others	5,252	7,202	9,216	5,288	4,239	5,836	5,324	2,993
Total	115,843	125,289	150,841	153,111	151,937	157,925	168,425	161,624
Boys	63,402	63,235	73,124	70,717	74,094	75,812	80,880	70,254
Girls	52,441	62,054	77,717	82,394	77,843	82,113	87,545	91,370

Source: Ministry of Health

15.10 SCHOOL MEDICAL EXAMINATION: PERCENTAGE OF INCIDENCE: BOYS

		Percentage							
		1963	1964	1965	1966	1967	1968	1969	1970
Incidence of:									
Dental caries ..	..	40.59	35.85	32.32	30.66	27.01	32.34	30.96	26.56
Skin infection ..	..	3.70	4.11	3.46	4.22	3.61	5.72	4.90	5.95
Eyes: Infection ..	..	.91	1.51	.90	.99	.74	.44	.38	.59
Defective vision		5.72	6.33	6.81	9.09	8.65	7.34	7.65	21.77
F.N.T. Enlarged tonsils		.52	.16	.15	.35	.08	.05	.01	.07
Ear infections		.39	.47	.22	.13	.08	.06	.05	.07
Cardiac disease ..	..	.65	.77	.73	.29	.99	1.23	.77	1.21
Respiratory infection		1.53	1.31	.76	.45	.32	.44	1.15	.68
Genito - Urinary ..	..	6.10	6.17	5.90	4.65	3.34	5.01	4.74	6.51
Anaemia (under 60% HG)		.46	.12	.09	.16	.13	.65	2.05	.81
Worm infestation ..	..	.76	4.16	.70	5.56	1.93	4.11	2.79	.53
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
Children examined (number)		63,402	63,235	73,124	70,717	74,094	75,812	80,880	70,254

Source: Ministry of Health

15.11 SCHOOL MEDICAL EXAMINATION: PERCENTAGE OF INCIDENCE: GIRLS

	Percentage							
	1963	1964	1965	1966	1967	1968	1969	1970
Incidence of:								
Dental caries	38.68	40.01	40.66	35.91	26.32	19.59	25.69	25.84
Skin infection ..	6.94	5.35	5.14	5.66	5.80	5.62	6.26	11.67
Eyes: Infection ..	.35	.34	.39	.50	1.04	1.11	1.28	1.25
Defective vision	10.17	9.02	10.00	10.42	12.37	12.32	15.35	20.06
E.N.T. Enlarged tonsils	.22	.19	.23	.02	.02	.06	.33	.32
Ear infections	.07	.06	.09	.09	.11	.15	.19	.18
Cardiac disease ..	.52	.44	.59	.39	.53	.57	.66	.60
Respiratory infection	1.14	2.04	1.56	1.91	1.32	.82	1.26	1.24
Genito - Urinary ..	.24	.29	.29	.27	.33	.32	.33	.59
Anaemia (under 60% HG)	1.28	.96	.48	.16	.19	.11	.13	.08
Worm infestation ..	4.58	5.47	4.45	4.24	3.11	1.51	3.73	3.37
Other abnormalities incl. postural defects, cleft palate, chest deformities	1.54	2.00	1.21	1.68	1.45	.94	1.12	2.62
Children examined (number)	52,441	62,054	77,717	82,394	77,843	82,113	87,545	91,370

Source: Ministry of Health

15.12. FAMILY PLANNING CLINIC ATTENDANCES

			Number
Year	New Patients	Re-Visits	Total Attendances
1963	8,429	51,765	60,194
1964	9,339	69,029	78,368
1965	9,845	94,141	103,986
1966	32,555	91,267	123,822
1967	32,284	191,010	223,294
1968	36,355	289,163	325,518
1969	35,643	358,983	394,626
1970	24,230	379,336	403,566

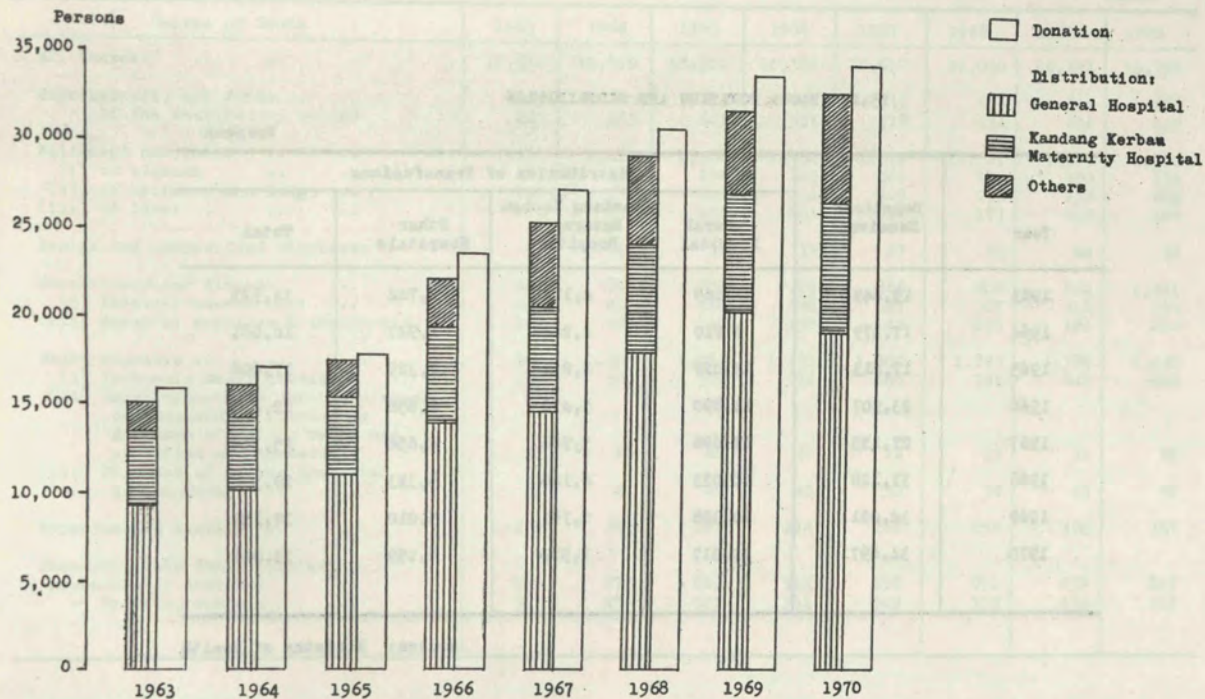
Notes: Data for 1963-1965 were obtained from the Singapore Family Planning Association and for 1966 onwards from the Singapore Family Planning and Population Board.

15.13 X-RAYS AND TUBERCULOSIS TREATMENT

Year	Number					
	New T.B. cases Admitted for Treatment		T.B. Patients under Active Treatment (As at end of December)		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

Sources: 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

Persons

Year	Donations Received	Distribution of Transfusions			
		General Hospital	Kandang Kerbau Maternity Hospital	Other Hospitals	Total
1963	15,649	9,069	4,112	1,744	14,925
1964	17,379	9,910	4,224	1,947	16,081
1965	17,813	11,026	4,251	2,329	17,606
1966	23,907	13,890	5,490	2,856	22,236
1967	27,155	14,698	5,986	4,658	25,342
1968	31,128	18,023	6,160	5,323	29,506
1969	34,091	20,398	6,781	5,010	32,189
1970	34,697	19,317	7,570	6,159	33,046

Source: Ministry of Health

15.15 MAJOR CAUSES OF DEATH

Causes of Death	Number							
	1963	1964	1965	1966	1967	1968	1969	1970
All Causes	10,214	10,510	10,381	10,552	10,617	11,050	10,291	10,793
Tuberculosis, all forms ..	669	710	647	576	551	496	420	458
of the respiratory system	647	685	621	555	528	474	404	449
Malignant neoplasms	1,313	1,332	1,386	1,354	1,512	1,521	1,533	1,596
(i) of stomach	281	280	254	242	289	259	300	239
(ii) of bronchus and lung ..	202	188	202	206	229	255	232	289
(iii) of liver	174	157	194	203	204	187	205	196
Benign and unspecified neoplasms	46	34	52	35	27	53	44	38
Cerebrovascular disease ..	641	647	701	765	866	608	864	1,041
(i) Cerebral haemorrhage ..	437	407	440	488	622	367	318	333
(ii) Cerebral embolism & thrombosis	142	186	155	152	142	133	181	212
Heart diseases	951	1,005	1,062	1,150	1,200	1,220	1,389	1,430
(i) Ischaemic heart disease	399	502	529	598	605	701	847	823
(ii) Cardiomyopathy & chronic disease of endocardium (including diseases of aortic valve not specified as rheumatic)	32	26	40	31	14	35	31	20
(iii) Diseases of valves specified as rheumatic	58	47	46	40	50	58	45	59
Hypertensive disease	229	249	287	274	268	650	380	357
Pneumonia, all forms (including pneumonia of newborn) ..	930	877	862	944	898	891	659	847
- Bronchopneumonia ..	547	496	521	591	549	555	480	639

15.15 MAJOR CAUSES OF DEATH (continued)

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

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

Source: Ministry of Health

16. CULTURE

Radio and Television Broadcast

The Department of Broadcasting provides radio and television broadcasts in Singapore. Programmes are transmitted in all the four official languages, Malay, Chinese, Tamil and English, and cover all aspects of news and topical events and entertainment. Commercial service broadcasts are also provided.

Radio Singapore operates both on medium and short-wave bands. In July 1969, a new F.M. Stereo Service was also 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 Ordinance, 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 television receiver with or without additional radio sets and \$12 for radio receivers only. Rediffusion subscribers pay an additional \$1 per month in lieu of a licence fee.

Cinemas

Data on cinemas are obtained from the Customs and Excise Department. Under the Entertainment Duty Ordinance, all cinemas must be registered with the Comptroller of Customs and Excise. Total attendances are based on receipts collected.

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 is a full-time branch library in Queenstown and two part-time branch libraries in the Siglap and Joo

Chiat Community Centres. The library also provides mobile library services at the various community centres regularly.

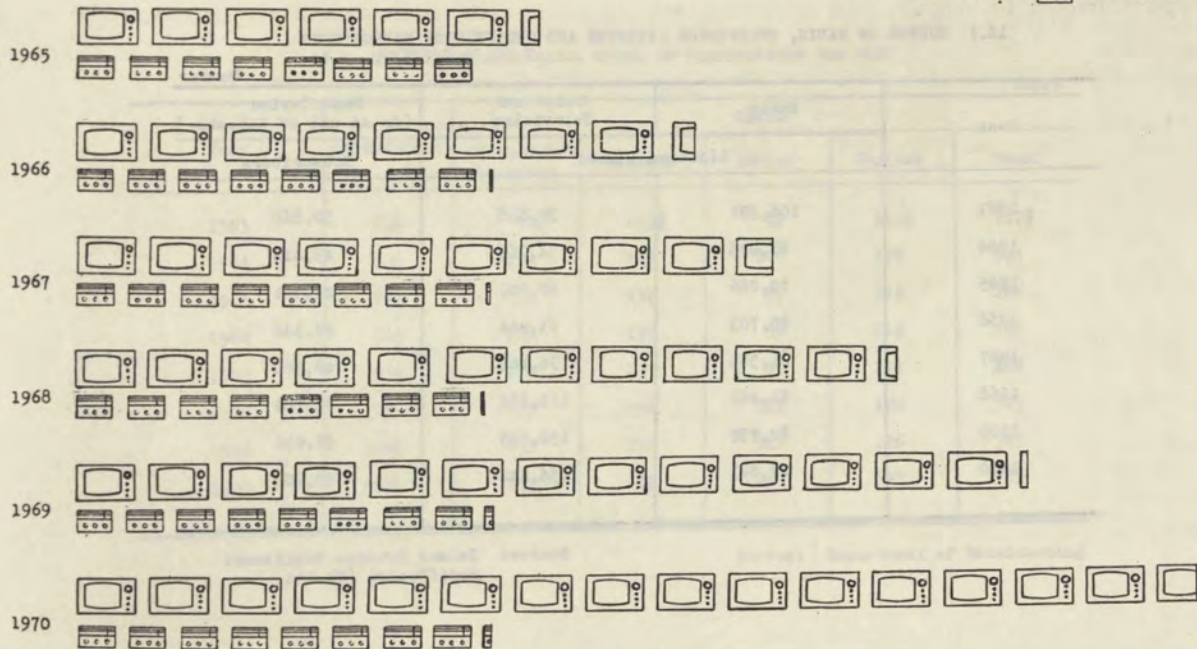
The Library maintains, in addition to the normal stock of books, manuscripts and collections of special interest for research and other purposes

as well as periodicals, newspapers, musical scores, etc. The Library also has a microfilm unit and many documents and publications are maintained in microfilms. The data on book collections refer only to printed publications of more than 49 pages other than periodicals.

RADIO AND TELEVISION LICENCES

Radio and
Television  = 10,000

Radio  = 10,000



16.1 NUMBER OF RADIO, TELEVISION LICENCES AND REDIFFUSION SUBSCRIBERS

Year	Number		
	Radio	Radio and Television	Rediffusion (As at end of December)
	Licences Issued		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

Source: Inland Revenue Department
Rediffusion (S) Ltd.

16.2 TELEVISION AND RADIO: HOURS OF TRANSMISSION PER WEEK

Year	Television	Radio				Hours
		National Language	Chinese	Indian	English	Total
1963	63½	70½	115¾	49	112½	347¾
1964	63½	126	147	105	126	504
1965	70½	116	137	99	114	466
1966	70½	116	137	99	114	466
1967	73½	116	137	99	114	466
1968	88	133	154	112	126	525
1969	106½	133	154	112	126	525
1970	106½	133	154	112	126	525

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

Source: Customs & Excise Department

16.4 VOLUME OF BOOKS AVAILABLE AT THE NATIONAL LIBRARY

Language	Number							
	1963	1964	1965	1966	1967	1968	1969	1970
Malay	12,000	17,000	22,000	33,500	41,200	48,900	55,700	56,299
Chinese	30,000	45,000	57,000	65,500	71,700	99,500	110,400	124,946
Indian	9,000	11,000	12,000	18,000	20,400	25,000	30,200	33,259
English	109,000	131,000	149,000	169,000	183,800	206,500	229,800	246,048
Total	160,000	204,000	240,000	286,000	317,100	379,900	426,100	460,552

Source: Singapore National Library

To be purchased from the Government Publications Bureau
Fullerton Building (Ground Floor), Singapore

Price: ■ \$5