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YEARBOOK OF STATISTICS SINGAPORE 1971/72

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PREFACE

The Yearbook of Statistics, Singapore, 1971/72, is the fifth 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 fifth 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 this Yearbook.

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KEY INDICATORS

Year	Population (Mid-year Estimates)	Gross Domestic Product at Factor Cost	Per Capita GDP	Manufacturing Establishments		External Trade		
				Output	Index of Production (1968=100)	Total	Imports	Exports
				\$ Million		\$ Million		
1961	1,687.3	2,239.8	1,316	1,415.0	..	7,271.8	3,963.3	3,308.5
1962	1,732.8	2,371.4	1,355	1,740.7	..	7,452.6	4,035.8	3,416.8
1963	1,775.2	2,683.8	1,495	1,591.9	..	7,753.6	4,279.1	3,474.5
1964	1,820.0	2,700.3	1,466	1,544.9	..	6,250.7	3,478.8	2,771.9
1965	1,864.9	3,043.4	1,613	1,686.0	..	6,811.3	3,807.2	3,004.1
1966	1,913.5	3,365.2	1,740	1,979.9	76.3	7,439.3	4,065.7	3,373.6
1967	1,955.6	3,692.1	1,867	2,254.0	84.8	7,896.9	4,406.4	3,490.5
1968	1,987.9	4,257.0	2,116	2,806.2	100.0	8,974.5	5,083.8	3,890.7
1969	2,016.8	4,832.7	2,366	4,290.8	118.9	10,984.3	6,243.6	4,740.7
1970	2,074.5 ⁽¹⁾	5,675.1	2,736	4,627.2	139.2	12,289.6	7,533.8	4,755.8
1971	2,110.4	6,471.2 *	3,066 *	5,549.6 *	147.5 *	14,026.3	8,655.0	5,371.3

(1) Census of Population, 1970.

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		\$ Million			
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	1,266.5	111.5
1971	48,086.6	19,269.0	28,817.6	662,359	3,745.8	2,615.0	1,915	4,383.6	1,307.2	113.6

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

1. CLIMATE AND LAND UTILIZATION

The 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 north-east 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.

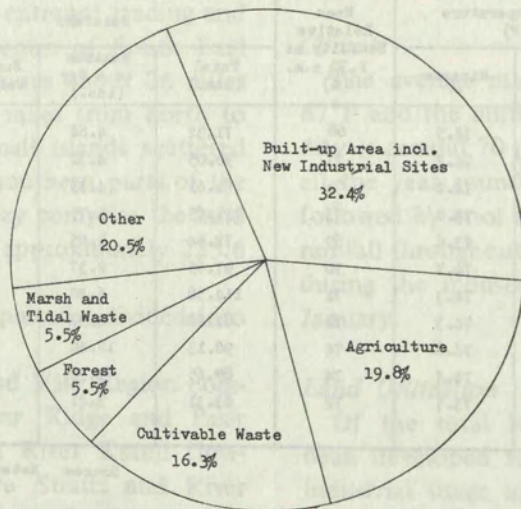
1.1 TEMPERATURE AND RAINFALL

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	
1961	88.0	74.5	68	71.32	4.68	155	5.86
1962	87.3	74.2	71	90.05	4.32	177	5.26
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
1971	87.0	73.7	72	63.31	3.41	170	5.22

Source: Meteorological Services

1. CLIMATE AND LAND UTILIZATION

LAND AREA BY UTILIZATION, 1970



1.2 LAND AREA BY UTILIZATION

Square Miles

Year	Total	Built-up Area (1)	Agriculture	Cultivable Waste	Forest	Marsh and Tidal Waste	Other (2)
1961	224.5	62.7	54.7	45.3	14.6	17.7	29.5
1962	224.5	65.5	56.5	45.0	14.5	13.5	29.5
1963	224.5	66.5	55.5	45.0	14.5	13.5	29.5
1964	224.5	67.5	55.0	44.5	14.5	13.5	29.5
1965	224.5	68.5	50.8	42.5	13.5	13.5	35.7
1966	224.5	69.8	50.1	41.7	13.5	13.5	35.9
1967	225.1	70.0	48.5	38.5	13.5	13.5	41.1
1968	225.6	70.8	48.4	37.0	12.5	12.5	44.4
1969	226.0	71.6	47.2	37.0	12.5	12.5	45.2
1970	226.4	73.3	44.8	37.0	12.5	12.5	46.3

(1) Include new industrial sites.

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

Source: Land Office

2. DEMOGRAPHY

Population Census

Singapore conducted its first population census in 1871 and subsequent censuses at ten-yearly intervals till the outbreak of World War II. 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 Settlement 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 primarily based on census data and estimates of natural increase representing excess of births over deaths. An estimate of the changes due to external migration as well as the movement of persons between West Malaysia and the Republic is also made and included.

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

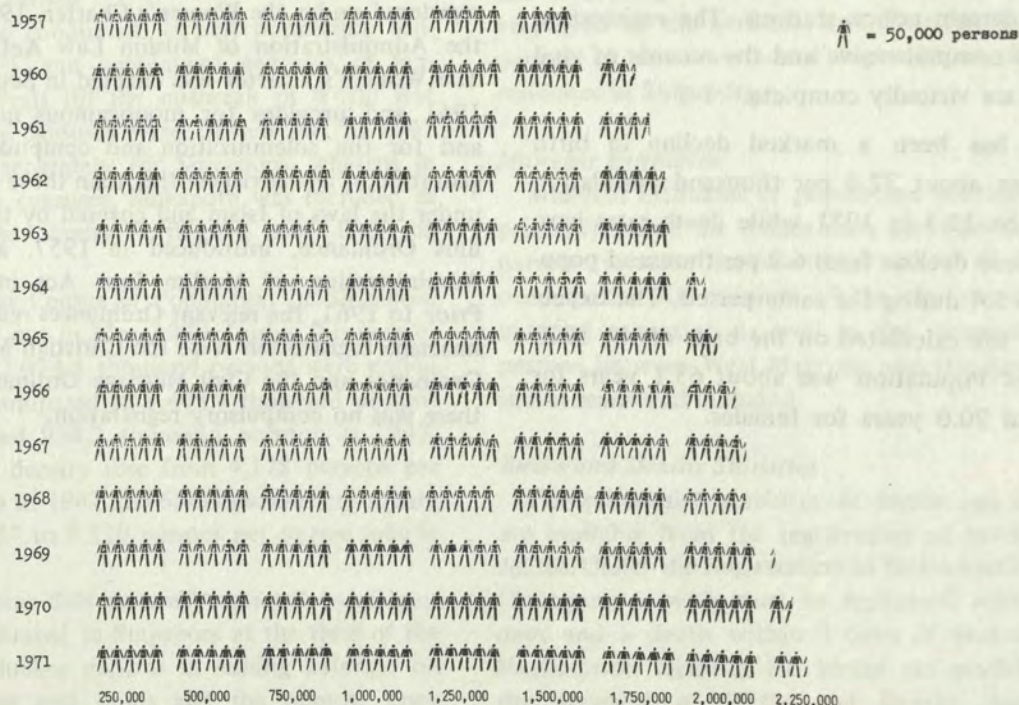
hospitals. Deaths are registered at the Registry of Births and Deaths, government and military hospitals and certain police stations. The registration system is comprehensive and the records of vital statistics are virtually complete.

There has been a marked decline in birth rates from about 37.5 per thousand population in 1960 to 22.3 in 1971 while death rates have shown some decline from 6.2 per thousand population to 5.4 during the same period. The expectancy of life calculated on the basis of the 1970 Census of Population was about 65.1 years for males and 70.0 years for females.

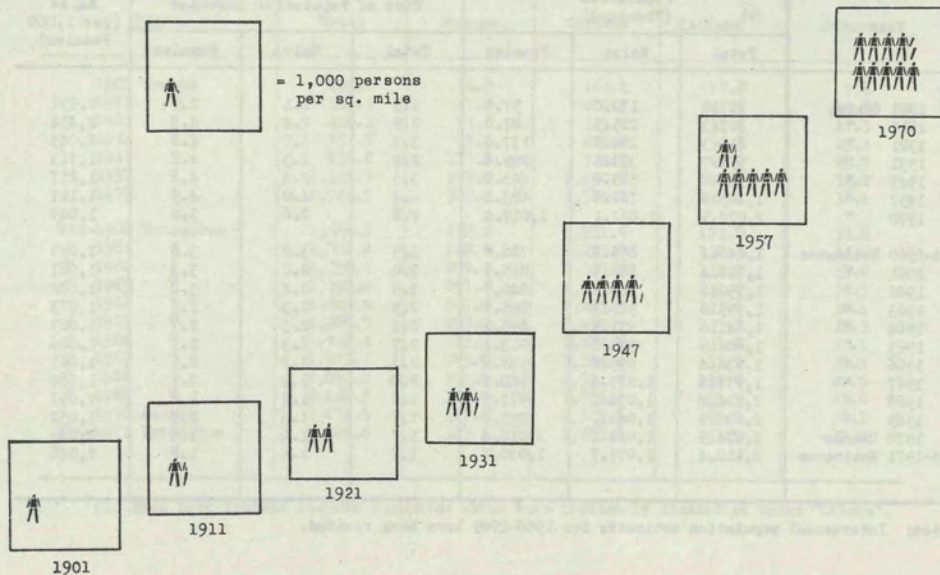
Marriages

All marriages in Singapore are required to be registered under the Women's Charter, 1961, and the Administration of Muslim Law Act, 1966. 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, introduced in 1957, and the Administration of Muslim Law Act in 1966. 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	1,646.4	859.6	786.8	3.5	3.2	3.8	1,093
" 1961 "	1,702.4	886.5	815.9	3.0	2.8	3.3	1,087
" 1962 "	1,750.2	909.5	840.7	2.6	2.4	3.0	1,082
" 1963 "	1,795.0	929.3	865.7	2.5	2.3	2.9	1,073
" 1964 "	1,841.6	951.5	890.1	2.5	2.3	2.7	1,069
" 1965 "	1,886.9	973.8	913.1	2.5	2.3	2.7	1,066
" 1966 "	1,934.4	995.8	938.6	2.3	2.2	2.5	1,061
" 1967 "	1,977.6	1,017.4	960.2	2.0	1.9	2.1	1,060
" 1968 "	2,012.0	1,034.1	977.9	1.6	1.4	1.8	1,057
" 1969 "	2,042.5	1,046.9	995.6	1.5	1.3	1.7	1,052
1970 Census	2,074.5	1,062.1	1,012.4	1.7	1.6	1.8	1,049
Mid-1971 Estimates	2,110.4	1,079.7	1,030.7	1.7	1.6	1.8	1,048

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

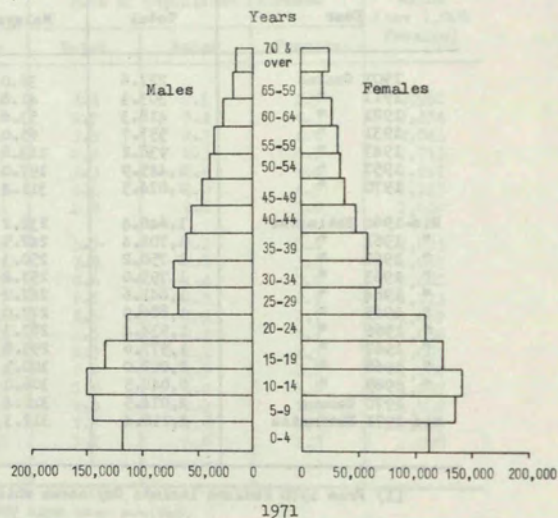
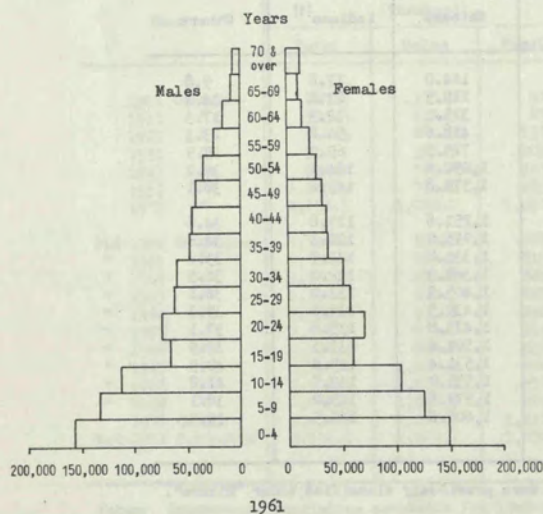
2.2 POPULATION BY ETHNIC GROUP

Thousand Persons					
Year	Total	Malays	Chinese	Indians ⁽¹⁾	Others
1901 Census	227.6	36.0	164.0	17.8	9.8
1911 "	303.3	41.8	219.5	27.8	14.2
1921 "	418.3	53.6	315.1	32.3	17.3
1931 "	557.7	65.0	418.6	50.8	23.3
1947 "	938.2	113.8	729.5	69.0	25.9
1957 "	1,445.9	197.0	1,090.6	124.1	34.2
1970 "	2,074.5	311.4	1,579.8	145.2	38.1
Mid-1960 Estimates	1,646.4	232.2	1,251.6	127.8	34.8
" 1961 "	1,702.4	242.5	1,295.0	130.3	34.6
" 1962 "	1,750.2	250.3	1,333.0	131.7	35.2
" 1963 "	1,795.0	257.2	1,369.3	132.0	36.5
" 1964 "	1,841.6	267.0	1,405.5	133.0	36.1
" 1965 "	1,886.9	277.0	1,439.5	135.1	35.3
" 1966 "	1,934.4	287.7	1,473.8	135.8	37.1
" 1967 "	1,977.6	295.8	1,504.4	137.5	39.9
" 1968 "	2,012.0	300.5	1,531.4	139.2	40.9
" 1969 "	2,042.5	306.0	1,555.0	139.7	41.8
1970 Census	2,074.5	311.4	1,579.8	145.2	38.1
Mid-1971 Estimates	2,110.4	317.3	1,606.6	147.5	39.0

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

AGE PYRAMIDS

1961 AND 1971



2.3 POPULATION BY AGE GROUP AND ETHNIC GROUP, 1957 CENSUS

Thousand Persons

Age Group (In years)	Total			Malays		Chinese		Indians		Others	
	Persons	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	1,445.9	762.7	683.2	103.3	93.8	555.7	534.9	86.0	38.1	17.7	16.4
0 - 4	264.7	136.7	128.0	21.7	21.4	102.9	94.9	9.6	9.2	2.5	2.5
5 - 9	218.1	112.0	106.1	14.5	14.7	88.1	82.1	7.2	7.2	2.2	2.1
10 - 14	136.3	71.2	65.1	8.4	8.2	57.3	52.4	4.4	3.4	1.1	1.1
15 - 19	135.7	70.1	65.6	8.5	9.0	55.2	52.0	5.3	3.3	1.1	1.3
20 - 29	231.0	121.0	110.0	20.1	18.1	80.8	81.7	17.0	7.3	3.1	2.9
30 - 39	172.6	96.7	75.9	15.2	10.7	57.1	58.1	20.9	4.3	3.5	2.8
40 - 49	142.9	80.8	62.1	8.0	6.1	56.9	52.3	13.7	2.0	2.2	1.7
50 - 59	89.2	49.8	39.4	4.5	3.2	37.9	34.2	6.1	0.9	1.3	1.1
60 - 69	39.7	18.8	20.9	1.7	1.5	15.2	18.5	1.4	0.4	0.5	0.5
70 & Over	15.7	5.6	10.1	0.7	0.9	4.3	8.7	0.4	0.1	0.2	0.4
Percentage											
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0 - 19	52.2	51.1	53.4	51.4	56.8	54.6	52.6	30.8	60.6	39.0	42.7
20 - 39	27.9	28.6	27.2	34.2	30.7	24.8	26.1	44.1	30.5	37.3	34.7
40 - 59	16.1	17.1	14.9	12.1	9.9	17.1	16.2	23.0	7.6	19.8	17.1
60 & Over	3.8	3.2	4.5	2.3	2.6	3.5	5.1	2.1	1.3	3.9	5.5

2.4 POPULATION BY AGE GROUP AND ETHNIC GROUP, 1970 CENSUS

Thousand Persons

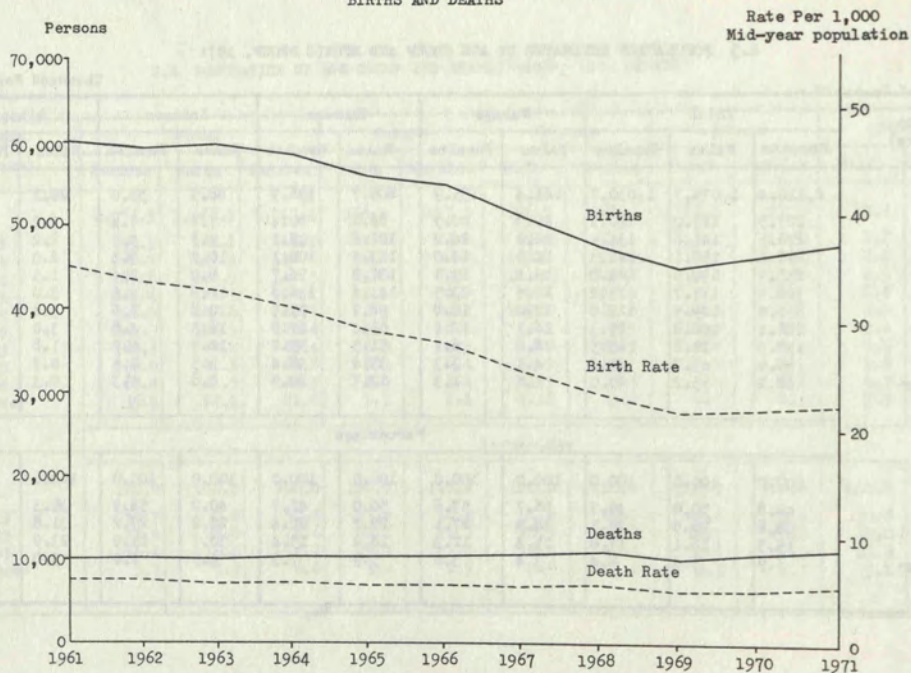
Age Group (In years)	Total			Malays		Chinese		Indians		Others	
	Persons	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	2,074.5	1,062.1	1,012.4	158.4	153.0	796.5	783.4	87.5	57.6	19.7	18.4
0 - 4	235.5	121.1	114.4	22.6	22.2	88.2	82.4	8.1	7.8	2.2	2.0
5 - 9	280.5	143.9	136.6	26.8	26.0	105.0	98.8	9.9	9.6	2.2	2.2
10 - 14	288.8	148.5	140.3	23.6	23.1	113.0	106.3	10.0	9.1	1.9	1.8
15 - 19	246.4	126.3	120.1	17.9	18.0	99.4	93.5	7.5	7.0	1.5	1.6
20 - 29	336.5	169.8	166.7	21.3	22.4	135.2	131.8	10.4	9.2	2.9	3.3
30 - 39	249.3	126.9	122.4	17.0	18.5	95.1	93.5	11.4	7.3	3.4	3.1
40 - 49	182.6	98.2	84.4	15.8	11.9	63.0	65.9	16.4	4.5	3.0	2.1
50 - 59	136.6	71.8	64.8	8.3	6.4	51.9	55.1	10.0	2.1	1.6	1.2
60 - 69	82.4	41.5	40.9	3.8	3.1	33.9	36.4	3.1	0.7	0.7	0.7
70 & Over	35.9	14.1	21.8	1.3	1.4	11.8	19.7	0.7	0.3	0.3	0.4
Percentage											
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0 - 19	50.7	50.8	50.5	57.4	58.4	50.9	48.6	40.6	58.2	39.6	41.3
20 - 39	28.2	28.0	28.6	24.2	26.7	28.9	28.8	24.9	28.6	32.0	34.8
40 - 59	15.4	16.0	14.7	15.2	12.0	14.4	15.4	30.2	11.5	23.3	17.9
60 & Over	5.7	5.2	6.2	3.2	2.9	5.8	7.2	4.3	1.7	5.1	6.0

2.5 POPULATION ESTIMATES BY AGE GROUP AND ETHNIC GROUP, 1971

Thousand Persons

Age Group (In years)	Total			Malays		Chinese		Indians		Others	
	Persons	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	2,110.4	1,079.7	1,030.7	161.4	155.9	809.7	796.9	88.5	59.0	20.1	18.9
0 - 4	227.5	117.0	110.5	20.9	20.5	86.2	80.4	7.7	7.4	2.2	2.2
5 - 9	276.5	141.6	134.9	26.9	26.2	102.8	97.1	9.7	9.5	2.2	2.1
10 - 14	291.4	150.1	141.3	24.5	24.0	113.4	106.1	10.2	9.3	2.0	1.9
15 - 19	255.7	130.9	124.8	19.2	19.1	102.2	96.7	8.0	7.4	1.5	1.6
20 - 29	350.9	177.7	173.2	22.5	23.5	141.6	136.8	10.6	9.6	3.0	3.3
30 - 39	256.9	129.9	127.0	17.0	18.8	98.7	97.5	10.8	7.6	3.4	3.1
40 - 49	188.1	100.8	87.3	16.1	12.5	65.2	67.8	16.5	4.8	3.0	2.2
50 - 59	138.3	72.8	65.5	8.8	6.7	51.5	55.2	10.7	2.2	1.8	1.4
60 - 69	86.9	43.7	43.2	4.1	3.3	35.4	38.4	3.5	0.9	0.7	0.6
70 & Over	38.2	15.2	23.0	1.4	1.3	12.7	20.9	0.8	0.3	0.3	0.5
Percentage											
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0 - 19	49.8	50.0	49.7	56.7	57.6	50.0	47.7	40.2	56.9	39.3	41.3
20 - 39	28.8	28.5	29.1	24.5	27.1	29.7	29.4	24.2	29.2	31.8	33.9
40 - 59	15.5	16.1	14.8	15.4	12.3	14.4	15.4	30.7	11.9	23.9	19.0
60 & Over	5.9	5.4	6.4	3.4	3.0	5.9	7.5	4.9	2.0	5.0	5.8

BIRTHS AND DEATHS



2.6 VITAL STATISTICS

Year	Live-Births	Deaths		Crude Birth Rate	Crude Death Rate	Infant Mortality Rate	Natural Increase Rate
		Total	Infants				
	Number			Per 1,000 Population		Per 1,000 Live Births	Per 1,000 Population
1961	59,930	10,027	1,937	35.5	5.9	32.3	29.3
1962	58,977	10,178	1,843	34.0	5.9	31.2	27.9
1963	59,530	10,138	1,674	33.2	5.6	28.1	27.5
1964	58,217	10,434	1,738	31.6	5.7	29.9	25.9
1965	55,725	10,263	1,464	29.5	5.4	26.3	24.1
1966	54,680	10,444	1,410	28.3	5.4	25.8	22.9
1967	50,560	10,523	1,253	25.6	5.3	24.8	20.2
1968	47,241	10,982	1,105	23.5	5.5	23.4	18.0
1969	44,562	10,224	930	21.8	5.0	20.9	16.8
1970	45,934	10,717	942	22.1	5.2	20.5	17.0
1971	47,088	11,329	948	22.3	5.4	20.1	16.9

2.7 MARRIAGES REGISTERED BY ETHNIC GROUP

Year	Under Women's Charter					Under Muslim Law Act				Number
	Total	Chinese	Indians	Others	Inter-Ethnic Group	Total	Malays	Others	Inter-Ethnic Group	All Marriages Registered
1962	4,890	4,229	239	239	183	1,483	1,211	94	178	6,373
1963	5,435	4,769	201	275	190	1,690	1,324	105	261	7,125
1964	6,202	5,476	250	289	187	1,698	1,354	106	238	7,900
1965	7,287	6,429	280	340	238	1,922	1,546	106	270	9,209
1966	8,891	7,939	382	327	243	1,911	1,547	102	262	10,802
1967	10,392	9,323	487	310	272	1,894	1,529	99	266	12,286
1968	10,652	9,598	469	291	294	1,971	1,584	154	233	12,623
1969	11,534	10,286	537	311	400	1,972	1,568	145	259	13,506
1970	13,066	11,784	608	274	400	2,272	1,865	132	275	15,338
1971	13,179	11,854	692	203	430	2,471	1,954	159	358	15,650

2.8 MARRIAGES REGISTERED BY AGE GROUP OF GROOM AND BRIDE

Age Group	Number							
	1970				1971			
	Groom		Bride		Groom		Bride	
	Women's Charter	Muslim Law Act	Women's Charter	Muslim Law Act	Women's Charter	Muslim Law Act	Women's Charter	Muslim Law Act
All Ages	12,300	2,272	12,300	2,272	12,688	2,471	12,688	2,471
Under 15	-	-	-	-	-	-	-	-
15 - 19	111	86	1,308	872	105	93	1,398	980
20 - 24	3,825	969	7,060	1,036	4,236	1,141	7,411	1,092
25 - 29	4,920	659	2,859	164	4,885	706	2,752	226
30 - 34	2,311	293	744	75	2,295	268	776	82
35 - 39	678	105	199	56	690	113	211	46
40 - 44	237	54	66	44	245	56	73	17
45 - 49	97	37	29	11	109	42	39	14
50 and over	121	69	35	14	123	52	28	14
Unknown	-	-	-	-	-	-	-	-

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 Act, every employer, other than Government, 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 standard rate of contribution payable by both employers and employees was 5 per cent of the monthly wage making a total contribution of 10 per cent, sub-

ject to a maximum contribution of \$50 a month. Employees earning less than \$200 a month are however not required to contribute to the Fund. From September 1968 the rate of contribution was raised to 6½ per cent and 13 per cent respectively and the maximum contribution was raised to \$300 a month. From 1st January 1970, a further increase in the rate of contribution to 8 per cent and 16 per cent respectively subject to a maximum of \$300 a month was made. A further increase in the rate of contribution was made in January 1971. The rate of contribution was increased to 10 per cent and 20 per cent respectively.

3.1 WORKMEN, CLERKS, INDUSTRIAL CLERKS AND SHOP ASSISTANTS
(At end September)

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

Source: Ministry of Labour

3.2 PERSONS ENGAGED BY OCCUPATION GROUP, SECTOR AND SEX, 1970
(At end September)

Number

Occupation Group	Both Sectors			Private Sector			Public Sector		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
Total: All Occupation Groups	443,785	319,500	124,285	345,834	244,344	101,490	97,951	75,156	22,795
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

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, 1971
(At end September)

Number

Occupation Group	Both Sectors			Private Sector			Public Sector		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
Total: All Occupation Groups	487,464	340,268	147,196	385,376	263,798	121,578	102,088	76,470	25,618
Professional, Technical and Related Workers	47,880	28,440	19,440	18,594	13,053	5,541	29,286	15,387	13,899
Administrative and Managerial Workers	13,981	12,957	1,024	13,015	12,136	879	966	821	145
Clerical and Related Workers	89,880	59,499	30,381	68,429	45,246	23,183	21,451	14,253	7,198
Sales Workers	55,765	44,045	11,720	55,712	44,000	11,712	53	45	8
Service Workers	58,559	41,047	17,512	40,804	26,173	14,631	17,755	14,874	2,881
Agricultural and Fishery Workers	2,815	2,270	545	1,493	1,101	392	1,322	1,169	153
Transport Workers	28,093	27,833	260	20,262	20,138	124	7,831	7,695	136
Production Workers and Labourers	190,491	124,177	66,314	167,067	101,951	65,116	23,424	22,226	1,198

Notes: See notes to Table 3.2

Source: Ministry of Labour

3.4 PERSONS ENGAGED BY INDUSTRY AND OCCUPATIONAL STATUS, 1970
(At end September)

				Number			
Industry				Occupational Status			
				Total	Working Proprietors/ Partners	Unpaid Family Workers	Employees and Other Paid Workers
Total: All Industries ..	..			443,785	31,272	11,852	400,661
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

Notes: See notes to Table 3.2

Source: Ministry of Labour

3.5 PERSONS ENGAGED BY INDUSTRY AND OCCUPATIONAL STATUS, 1971
(At end September)

Industry	Number				
	Occupational Status				
	Total	Working Proprietors/ Partners	Unpaid Family Workers	Employees and Other Paid Workers	
Total: All Industries	487,464	34,484	12,746	440,234	
Agriculture and Fishing ..	2,407	232	151	2,024	
Mining and Quarrying	1,836	42	3	1,791	
Manufacturing	154,962	5,810	2,323	146,829	
Construction	25,203	2,244	362	22,597	
Electricity, Gas, Water and Sanitary Services	15,228	4	-	15,224	
Commerce	110,201	19,457	7,942	82,802	
Transport, Storage and Communication	46,833	1,193	127	45,513	
Services	130,794	5,502	1,838	123,454	

Notes: See notes to Table 3.2

Source: Ministry of Labour

3.6 PERSONS ENGAGED BY INDUSTRY AND OCCUPATION GROUP, 1970

(At end September)

										Number
Occupation Group		All Occupation Groups	Professional, Technical and Related Workers	Administrative and Managerial Workers	Clerical and Related Workers	Sales Workers	Service Workers	Agricultural and Fishery Workers	Transport Workers	Production Workers and Labourers
Industry										
Total: All Industries	..	443,785	46,359	13,409	82,759	49,164	57,410	2,218	27,127	165,339
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

Notes: See notes to Table 3.2.

Source: Ministry of Labour

3.7 PERSONS ENGAGED BY INDUSTRY AND OCCUPATION GROUP, 1971
(At end September)

										Number
Occupation Group		All Occupation Groups	Profess- ional, Technical and Related Workers	Adminis- trative and Mana- gerial Workers	Clerical and Related Workers	Sales Workers	Service Workers	Agricul- tural and Fishery Workers	Trans- port Workers	Production Workers and Labourers
Industry										
Total: All Industries	..	487,464	47,880	13,981	89,880	55,765	58,559	2,815	28,093	190,491
Agriculture and Fishing	..	2,407	84	90	209	61	42	1,292	82	547
Mining and Quarrying	..	1,836	131	73	343	12	32	-	105	1,140
Manufacturing	.. ..	154,962	3,827	4,021	11,929	2,992	2,199	52	3,394	126,548
Construction	.. ..	25,203	1,243	434	3,272	99	401	71	1,762	17,921
Electricity, Gas, Water and Sanitary Services		15,228	703	31	1,814	22	355	37	344	11,922
Commerce	.. ..	110,201	873	4,484	21,262	49,401	20,476	90	3,603	10,012
Transport, Storage and Communication	.. ..	46,833	1,774	1,313	18,393	403	1,891	-	16,182	6,877
Services	.. ..	130,794	39,245	3,535	32,658	2,775	33,163	1,273	2,621	15,524

Notes: See notes to Table 3.2

Source: Ministry of Labour

3.8 REGISTRATION AT EMPLOYMENT EXCHANGE

Number

Year	Number on 'live' register (at end period)	New Registrants			Vacancies Notified			Vacancies Filled		
		Total	Males	Females	Total	Males	Females	Total	Males	Females
1961	54,085	10,225	7,676	2,549	2,319	1,880	439	1,495	971	524
1962	44,673	12,040	8,300	3,740	2,026	1,192	834	1,462	824	638
1963	42,777	18,673	13,871	4,802	1,876	1,235	641	1,376	753	623
1964	50,667	23,491	15,472	8,019	2,109	1,496	613	1,171	733	438
1965	57,711	23,629	15,680	7,949	2,810	2,169	641	2,275	1,726	549
1966	71,705	22,904	14,500	8,404	3,309	2,767	542	2,901	2,402	499
1967	72,350	27,527	17,535	9,992	4,015	2,768	1,247	3,049	2,465	584
1968	62,987	27,185	15,675	11,510	5,074	4,361	713	4,871	4,168	703
1969	51,266	19,038	11,559	7,479	7,005	6,153	852	6,955	6,126	829
1970	43,655	19,802	12,678	7,124	7,483	6,213	1,270	7,340	6,149	1,191
1971	35,953	24,842	15,414	9,428	10,576	7,824	2,752	9,646	7,293	2,353

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
1961	4	124	164,462	56
1962	4	122	189,032	56
1963	4	112	142,936	54
1964	4	106	157,050	54
1965	4	108	154,052	53
1966	3	108	141,925	55
1967	2	106	130,053	55
1968	2	110	125,518	54
1969	2	110	120,053	53
1970	1	102	112,488	53
1971	1	100	124,350	52

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

Source: Ministry of Labour

3.10 INDUSTRIAL STOPPAGES

Year	Stoppages By Causes				Number	
	Total	Dismissal	Wages	Others	Workers Involved	Man-Days Lost
1961	116	25	44	47	43,584	410,889
1962	88	21	44	23	6,647	165,124
1963	47	16	17	14	33,004	388,219
1964	39	16	6	17	2,535	35,908
1965	30	8	16	6	3,374	45,800
1966	14	5	7	2	1,288	44,762
1967	10	6	2	2	4,491	41,322
1968	4	1	1	2	172	11,447
1969	-	-	-	-	-	8,512 ⁽¹⁾
1970	5	1	1	3	1,749	2,514
1971	2	-	-	2	1,380	5,449

(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

(At end December)

Monthly Wage Level	1965		1966		1967		1968		1970		1971	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
Total	256,129	100.0	269,126	100.0	266,600	100.0	276,319	100.0	369,942	100.0	410,412	100.0
Below \$100 ..	44,035	17.2	46,720	17.4	47,126	17.7	51,130	18.5	66,070	17.9	62,126	15.1
\$100 to under \$200	117,218	45.7	116,205	43.2	114,170	42.8	114,826	41.6	146,753	39.7	164,134	40.0
\$200 to under \$300	45,830	17.9	51,477	19.1	51,968	19.5	53,578	19.4	68,788	18.6	80,092	19.5
\$300 to under \$400	17,600	6.9	19,672	7.3	19,066	7.1	20,117	7.3	31,578	8.5	37,758	9.2
\$400 to under \$500	10,684	4.2	11,760	4.4	11,669	4.4	12,298	4.4	18,469	5.0	21,807	5.3
\$500 and over ..	20,762	8.1	23,292	8.6	22,601	8.5	24,370	8.8	38,284	10.3	44,495	10.9

Notes: Data for 1969 is not available.

Source: Central Provident Fund Board

3.12 MEMBERS OF THE CENTRAL PROVIDENT FUND BY AGE GROUP
(At end December)

Age Group	1965		1966		1967		1968		1969		1970		1971	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
Total	417,594	100.0	442,351	100.0	465,029	100.0	504,828	100.0	560,133	100.0	638,829	100.0	714,657	100.0
Under 15 ..	477	0.1	605	0.1	723	0.2	863	0.2	1,333	0.2	1,883	0.3	2,349	0.3
15 to under 20	28,783	6.9	31,865	7.2	34,608	7.4	42,747	8.5	60,335	10.8	81,181	12.7	99,286	13.9
20 to under 25	58,615	14.0	62,949	14.2	73,073	15.7	89,950	17.8	108,416	19.4	136,029	21.3	159,762	22.3
25 to under 30	73,624	17.6	77,658	17.6	79,529	17.1	84,687	16.8	84,305	15.1	84,618	13.2	96,699	13.5
30 to under 35	58,335	14.0	62,181	14.1	63,729	13.7	71,243	14.1	78,889	14.1	86,326	13.5	94,921	13.3
35 to under 40	50,626	12.1	52,264	11.8	53,938	11.6	56,555	11.2	59,530	10.6	65,532	10.3	70,564	9.9
40 to under 45	38,640	9.2	41,037	9.3	43,185	9.3	47,055	9.3	50,103	8.9	54,407	8.5	57,725	8.1
45 to under 50	32,927	7.9	33,990	7.7	35,278	7.6	37,518	7.4	38,935	7.0	41,194	6.5	44,296	6.2
50 to under 55	26,637	6.4	27,520	6.2	27,720	6.0	30,333	6.0	31,523	5.6	33,958	5.3	35,596	5.0
Over 55 ..	16,548	4.0	17,824	4.0	18,314	3.9	27,704	5.5	32,497	5.8	37,496	5.9	41,316	5.8
Age not stated	32,382	7.8	34,458	7.8	34,932	7.5	16,173	3.2	14,267	2.5	16,205	2.5	12,143	1.7

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.

Agriculture in Singapore is mainly concerned with the production of vegetables and livestock for domestic consumption. It is estimated that about one fifth of the total land area of Singapore is under crop cultivation of which, slightly less than half is under intensive agriculture where vegetables, fruits and root crops are grown. Mixed farming, i.e., the cultivation of vegetables in conjunction with livestock rearing, is commonly practised. Since mid-sixties, Singapore is able to meet most of her requirements of meat, poultry, and eggs while local production of fresh vegetables meet more than 50 per cent of the total needs. The main vegetables grown are leafy vegetables like choy sam, spinach, kangkong and pak choy, and fruit vegetables like brinjals, cucumbers, 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 at Jurong and French Road. All slaughtering is undertaken at Government abattoirs under close supervision by the Veterinary Division of the Primary Production Department but there is still some amount of private slaughtering especially in the rural areas.

Fisheries

All fishing vessels and fishermen engaged in inshore and offshore fishing are licensed by the Director of Primary Production. Fishermen operating simple inshore gears, such as cast nets, and fishpond operators are not required to be licensed. Data on local production of fish comprise both inshore and offshore catches. Fishing around Singapore waters normally using

non-powered boats or boats powered with out-board 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. The most commonly used offshore fishing gears are otter trawls and bottom long lines for demersal fish and troll lines for pelagic fish.

Of the 63,598 tons of fish landed in the Republic in 1971, only about 14,000 tons were locally produced and the rest were mainly imported

from West Malaysia. Of the local production, it was estimated that 80% was derived from offshore catches, 15% from inshore catches and only 5% 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

						Acres
Year	Rubber	Coconuts	Fruits	Mixed Vegetables	Root Crops	Tobacco
1961	13,459	7,200	4,795	4,415	2,810	792
1962	12,500	7,080	4,700	4,370	2,760	370
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
1971	9,608	6,450	6,388	3,284	2,669	919

Source: Department of Primary Production

4.2 PRODUCTION OF PRINCIPAL CROPS

Year	Mixed Vegetables	Root Crops	Fruits	Rubber	Tobacco	Coconuts
	Metric Tons					Mil. units
1961	31,547	8,778	3,409	1,602	505	13
1962	31,801	8,636	3,891	1,616	426	13
1963	31,852	8,738	3,785	1,775	360	11
1964	32,319	9,347	3,810	1,524	388	11
1965	32,360	9,246	3,850	1,524	508	11
1966	31,989	9,053	3,820	1,524	475	11
1967	31,852	8,992	3,759	2,540	398	11
1968	31,679	8,961	3,930	2,540	508	11
1969	31,496	9,144	4,399	2,540	342	11
1970	30,480	11,684	4,501	2,012	490	11
1971	61,730	8,630	4,375	1,680	500	10

Source: Department of Primary Production

4.3 LIVESTOCK SLAUGHTERED AT ABATTOIRS

Year	Number				
	Swine	Sheep	Oxen	Buffaloes	Goats
1961	452,093	88,451	5,985	2,479	1,897
1962	432,562	94,767	7,005	1,938	1,601
1963	394,981	90,219	6,030	2,851	2,173
1964	362,923	69,189	3,225	5,440	2,649
1965	392,026	77,291	1,796	7,755	1,848
1966	430,330	91,298	4,344	5,596	1,310
1967	437,204	94,750	6,352	4,870	1,679
1968	400,504	93,658	8,913	3,500	1,723
1969	494,611	109,573	9,489	3,401	3,769
1970	557,174	116,119	8,958	3,873	2,854
1971	590,193	124,788	7,408	5,223	2,534

Source: Department of Primary Production

4.4 FISHING VESSELS LICENSED

					Number
Year	Total	Fishing Vessels			Licensed Fishermen
		Non-Powered	Powered		
			Inboard	Outboard	
1961	2,274	1,579	169	526	4,549
1962	2,080	1,407	187	486	4,366
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
1971	794	221	284	289	2,209

Source: Department of Primary Production

4.5 FRESH FISH LANDED AND AUCTIONED

Tons

Year	Local Production	Imports	Exports	Total Availability	Fish Auctioned
1961	9,541	26,820	2,092	34,269	9,651
1962	11,353	30,009	1,959	39,403	8,899
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
1971	14,048	53,037	3,487	63,598	61,342

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

Source: Department of Primary Production

5. INDUSTRIAL PRODUCTION

Census of Industrial Production

Censuses of manufacturing establishments in the private and public sector, employing ten or more persons, are conducted annually by the Department of Statistics. The establishments covered account for over 95 per cent of all industrial activities in terms of output in Singapore and provide a good indication of the changes and trends of growth of the industrial sector.

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

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

Workers: All persons engaged directly or indirectly in the industrial activity of the establishment are classified as workers, that

is, all employees, working proprietors, and unpaid family workers.

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

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

Input: Value of input covers cost of materials, power, lighting fuel, water and transport charges.

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

Value added: Value added is estimated as the

value of output (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

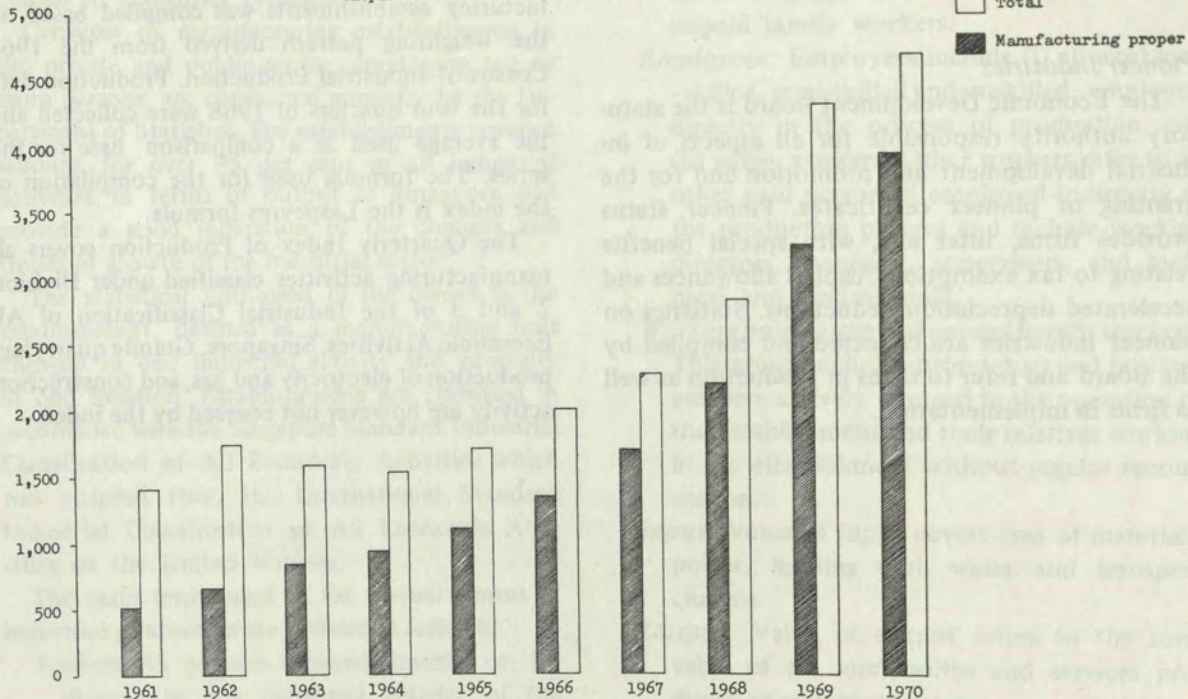
The Quarterly Index of Production of manufacturing establishments was compiled based on the weighting pattern derived from the 1968 Census of Industrial Production. Production data for the four quarters of 1968 were collected and the average used as a comparison base for the series. The formula used 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.

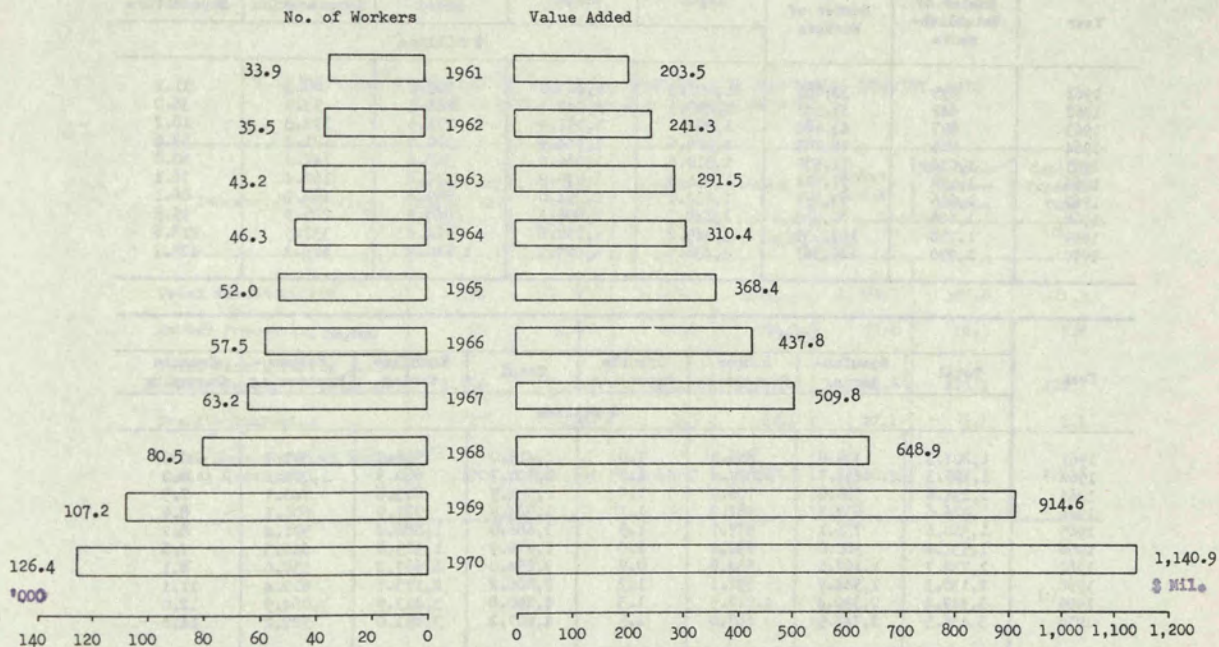
INDUSTRIAL PRODUCTION

Output of Manufacturing Industries

\$ Million



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				
1961	595	33,885	1,207.3	1,415.0	203.5	86.3	11.2
1962	642	35,533	1,495.3	1,740.7	241.3	93.0	36.0
1963	897	43,184	1,294.6	1,591.9	291.5	112.3	18.7
1964	965	46,284	1,226.6	1,544.9	310.4	121.7	53.6
1965	1,036	51,959	1,310.6	1,686.0	368.4	142.2	60.0
1966	1,159	57,521	1,531.4	1,979.9	437.8	162.4	76.1
1967	1,236	63,195	1,732.7	2,254.0	509.8	182.9	86.1
1968	1,626	80,533	2,138.3	2,806.2	648.9	225.9	95.5
1969 ⁽¹⁾	1,758	107,235	3,349.2	4,290.8	914.6	337.5	218.6
1970	1,790	126,361	3,436.5	4,627.2	1,140.9	415.2	425.3

Year	Input				Output			
	Total	Manufacturing	Rubber Processing	Granite Quarrying	Total	Manufacturing	Rubber Processing	Granite Quarrying
	\$ Million							
1961	1,207.3	339.8	866.4	1.0	1,415.0	518.4	891.7	4.9
1962	1,495.3	454.7	1,039.4	1.2	1,740.7	660.3	1,074.2	6.2
1963	1,294.6	586.0	706.9	1.7	1,591.9	843.8	740.7	7.5
1964	1,226.6	637.7	587.2	1.7	1,544.9	927.9	608.1	8.9
1965	1,310.6	731.1	577.7	1.9	1,686.0	1,086.4	591.4	8.2
1966	1,531.4	900.0	630.4	1.0	1,979.9	1,325.8	646.5	7.6
1967	1,732.7	1,197.1	534.8	0.9	2,254.0	1,687.2	558.6	8.1
1968	2,138.3	1,544.9	592.1	1.2	2,806.2	2,175.7	619.4	11.1
1969 ⁽¹⁾	3,349.2	2,330.4	1,017.5	1.3	4,290.8	3,213.9	1,064.9	12.0
1970	3,436.5	2,747.9	687.0	1.5	4,627.2	3,891.0	722.2	14.0

(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, 1970
(Establishments engaging 10 or more workers)

Industrial Activity	Number of Establishments	Number of Workers	Input	Output	Value Added	Employees' Remuneration	Capital Expenditure
			\$ Million				
Total Manufacturing	1,747	120,509	2,747.9	3,891.0	1,093.7	397.6	421.3
Rubber Processing	27	4,612	687.0	722.2	35.0	12.5	2.8
Total Manufacturing including Rubber Processing	1,774	125,121	3,434.9	4,613.2	1,128.8	410.2	424.2
Granite Quarrying	16	1,240	1.5	14.0	12.1	5.1	1.1
Total Manufacturing including Quarrying	1,790	126,361	3,436.5	4,627.2	1,140.9	415.2	425.3

5.3 PRINCIPAL STATISTICS OF INDUSTRIAL PRODUCTION BY INDUSTRY MAJOR GROUP, 1970
(Establishments engaging 10 or more workers)

Million Dollars

Industrial Code	Industry Major Group	Input	Output	Value Added	Employees' Remuneration
311 & 312	Food manufacturing	472.6	551.4	76.4	25.2
313	Beverage industries	31.5	66.4	34.9	10.0
314	Manufacture of cigarettes and other tobacco products	72.8	97.6	24.8	3.9
321	Manufacture of textiles	60.7	84.4	23.5	13.7
322	Manufacture of wearing apparel, except footwear ..	61.5	86.0	23.8	15.9
323	Manufacture of leather and products of leather and leather substitutes, except footwear and wearing apparel	12.0	14.7	2.6	1.3
324	Manufacture of footwear	11.3	17.9	6.4	3.6
331	Sawmills and manufacture of wood and cork products, except furniture	125.7	186.5	60.5	28.9
332	Manufacture of furniture and fixtures, except primarily of metal	12.6	24.0	10.7	5.6
341	Manufacture of paper and paper products	24.8	37.8	12.5	4.1
342	Printing, publishing and allied industries	45.2	98.3	51.1	25.2
351	Manufacture of industrial chemicals	18.9	34.9	16.0	4.4
352	Manufacture of other chemical products	43.1	77.7	33.5	9.6
353 & 354	Petroleum refineries and manufacture of products of petroleum and coal	1,011.1	1,221.8	210.3	32.9
355	Processing of natural gums, excluding rubber processing	13.0	14.6	1.6	0.7
356	Manufacture of rubber products, except rubber footwear	20.6	39.5	18.9	5.5
357	Manufacture of other plastic products	23.5	35.2	11.6	4.2
361	Manufacture of pottery, china and earthenware	1.2	3.5	2.3	1.8
362	Manufacture of glass and glass products	6.8	14.4	7.6	3.9

5.3 PRINCIPAL STATISTICS OF INDUSTRIAL PRODUCTION BY INDUSTRY MAJOR GROUP, 1970 (contd.)
(Establishments engaging 10 or more workers)

Million Dollars

Industrial Code	Industry Major Group	Input	Output	Value Added	Employees' Remuneration
363	Manufacture of bricks, tiles and other structural clay products	2.4	8.4	6.0	3.1
364	Manufacture of cement, including cement additives ..	28.4	36.0	7.6	1.7
365	Manufacture of structural cement and concrete products	7.6	11.1	3.5	1.9
369	Manufacture of non-metallic mineral products, n.e.c.	10.1	16.5	6.3	3.9
371	Iron and steel basic industries	33.3	50.5	17.1	4.8
372	Non-ferrous metal basic industries	19.9	25.0	5.1	1.7
381	Manufacture of fabricated metal products, except machinery and equipment	141.5	218.0	71.9	29.7
382	Manufacture of machinery, except electrical ..	41.8	74.6	28.3	12.4
383	Manufacture of electrical machinery, apparatus, appliances and supplies	155.1	283.0	127.4	33.0
384	Manufacture of transport equipment	141.4	330.0	159.4	88.6
385	Manufacture of professional and scientific measuring and controlling equipment and manufacture of photographic and optical goods	9.0	12.5	3.5	2.0
390	Other manufacturing industries	88.5	118.9	28.9	14.7
	Total manufacturing excluding rubber processing ..	2,747.9	3,891.0	1,093.7	397.6
	Rubber processing	687.0	722.2	35.0	12.5
	Total manufacturing including rubber processing ..	3,434.9	4,613.2	1,128.8	410.2
	Granite quarrying	1.5	14.0	12.1	5.1
	Total manufacturing and quarrying	3,436.5	4,627.2	1,140.9	415.2

5.4 WORKERS ENGAGED BY OCCUPATIONAL STATUS, JUNE 1970
(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	
311 & 312	Food manufacturing	9,062	8,685	7,006	1,679	377
313	Beverage industries	2,348	2,334	1,776	558	14
314	Manufacture of cigarettes and other tobacco products	1,048	1,042	857	185	6
321	Manufacture of textiles	7,051	7,028	6,182	846	23
322	Manufacture of wearing apparel, except footwear ..	9,987	9,707	9,095	612	280
323	Manufacture of leather and products of leather and leather substitutes, except footwear and wearing apparel	713	671	603	68	42
324	Manufacture of footwear	2,005	1,946	1,768	178	59
331	Sawmills and manufacture of wood and cork products, except furniture	9,200	8,968	7,591	1,377	232
332	Manufacture of furniture and fixtures, except primarily of metal	1,795	1,743	1,543	200	52
341	Manufacture of paper and paper products	2,563	2,474	2,238	236	89
342	Printing, publishing and allied industries	7,015	6,784	5,324	1,460	231
351	Manufacture of industrial chemicals	814	814	553	261	-
352	Manufacture of other chemical products	3,059	3,021	2,240	781	38
353 & 354	Petroleum refineries and manufacture of products of petroleum and coal	2,199	2,199	1,045	1,154	-
355	Processing of natural gums, excluding rubber processing	243	239	170	69	4
356	Manufacture of rubber products, except rubber footwear	1,635	1,608	1,270	338	27
357	Manufacture of other plastic products	2,186	2,134	1,811	323	52
361	Manufacture of pottery, china and earthenware ..	921	916	865	51	5
362	Manufacture of glass and glass products	874	864	660	204	10

5.4 WORKERS ENGAGED BY OCCUPATIONAL STATUS, JUNE 1970 (continued)
(Establishments engaging 10 or more workers)

Industrial Code	Industry Major Group	All Workers	Employees			Number Working Pro- priators and Unpaid Family Workers
			Total	Workmen	Other Workers	
363	Manufacture of bricks, tiles and other structural clay products	1,179	1,176	1,052	124	3
364	Manufacture of cement, including cement additives ..	428	428	306	122	-
365	Manufacture of structural cement and concrete products	597	576	475	100	21
369	Manufacture of non-metallic mineral products, n.e.c.	839	839	635	204	-
371	Iron and steel basic industries	1,078	1,055	808	247	23
372	Non-ferrous metal basic industries	414	414	328	86	-
381	Manufacture of fabricated metal products, except machinery and equipment	8,691	8,546	7,184	1,362	145
382	Manufacture of machinery, except electrical ..	3,809	3,700	3,189	511	109
383	Manufacture of electrical machinery, apparatus, appliances and supplies	13,586	13,564	11,457	2,107	22
384	Manufacture of transport equipment	16,213	16,125	13,980	2,145	88
385	Manufacture of professional and scientific measuring and controlling equipment and manufacture of photographic and optical goods	886	876	755	121	10
390	Other manufacturing industries	8,071	7,941	7,288	653	130
	Total manufacturing excluding rubber processing ..	120,509	118,417	100,055	18,362	2,092
	Rubber processing	4,612	4,602	4,136	466	10
	Total manufacturing including rubber processing ..	125,121	123,019	104,191	18,828	2,102
	Granite quarrying	1,240	1,238	1,092	146	2
	Total manufacturing and quarrying	126,361	124,257	105,283	18,974	2,104

5.5 DISTRIBUTION OF ESTABLISHMENTS BY SIZE OF WORKERS, 1970
(Establishments engaging 10 or more workers)

Industrial Code	Industry Major Group	Total	Establishments Employing				Number
			10 - 29 Workers	30 - 49 Workers	50 - 99 Workers	100 Workers and Over	
311 & 312	Food manufacturing	222	147	34	22	19	
313	Beverage industries	22	10	5	2	5	
314	Manufacture of cigarettes and other tobacco products	10	3	1	3	3	
321	Manufacture of textiles	49	12	10	4	23	
322	Manufacture of wearing apparel, except footwear ..	162	107	23	16	16	
323	Manufacture of leather and products of leather and leather substitutes, except footwear and wearing apparel	21	12	4	4	1	
324	Manufacture of footwear	41	24	10	2	5	
331	Sawmills and manufacture of wood and cork products, except furniture	165	85	39	30	11	
332	Manufacture of furniture and fixtures, except primarily of metal	40	26	7	2	5	
341	Manufacture of paper and paper products	60	31	11	13	5	
342	Printing, publishing and allied industries	165	122	17	17	9	
351	Manufacture of industrial chemicals	13	4	5	1	3	
352	Manufacture of other chemical products	74	42	15	12	5	
353 & 354	Petroleum refineries and manufacture of products of petroleum and coal	9	1	2	1	5	
355	Processing of natural gums, excluding rubber processing	6	1	3	2	-	
356	Manufacture of rubber products, except rubber footwear	29	17	5	4	3	
357	Manufacture of other plastic products	57	31	14	9	3	
361	Manufacture of pottery, china and earthenware	4	2	-	1	1	
362	Manufacture of glass and glass products	5	4	-	-	1	

5.5 DISTRIBUTION OF ESTABLISHMENTS BY SIZE OF WORKERS, 1970 (continued)
(Establishments engaging 10 or more workers)

Industrial Code	Industry Major Group	Total	Number Establishments Employing			
			10 - 29 Workers	30 - 49 Workers	50 - 99 Workers	100 Workers and Over
363	Manufacture of bricks, tiles and other structural clay products	13	-	4	6	3
364	Manufacture of cement, including cement additives ..	4	1	-	1	2
365	Manufacture of structural cement and concrete products	18	10	5	3	-
369	Manufacture of non-metallic mineral products, n.e.c.	10	3	3	3	1
371	Iron and steel basic industries	14	9	1	2	2
372	Non-ferrous metal basic industries	4	-	2	1	1
381	Manufacture of fabricated metal products, except machinery and equipment	158	82	30	26	20
382	Manufacture of machinery, except electrical ..	102	69	17	12	4
383	Manufacture of electrical machinery, apparatus, appliances and supplies	64	22	4	14	24
384	Manufacture of transport equipment	84	31	15	19	19
385	Manufacture of professional and scientific measuring and controlling equipment and manufacture of photographic and optical goods	17	8	4	2	3
390	Other manufacturing industries	105	54	24	16	11
	Total manufacturing excluding rubber processing ..	1,747	970	314	250	213
	Rubber processing	27	2	4	6	15
	Total manufacturing including rubber processing ..	1,774	972	318	256	228
	Granite quarrying	16	2	2	10	2
	Total manufacturing and quarrying	1,790	974	320	266	230

5.6 DISTRIBUTION OF ESTABLISHMENTS BY VALUE OF OUTPUT, 1970
(Establishments engaging 10 or more workers)

Industrial Code	Industry Major Group	Total	Establishments with Output of (\$ Thousand)				Number
			Less than \$250	\$250-499	\$500-999	\$1,000 and over	
311 & 312	Food manufacturing	222	110	30	20	62	
313	Beverage industries	22	9	2	3	8	
314	Manufacture of cigarettes and other tobacco products	10	3	-	3	4	
321	Manufacture of textiles	49	15	8	8	18	
322	Manufacture of wearing apparel, except footwear ..	162	107	26	12	17	
323	Manufacture of leather and products of leather and leather substitutes, except footwear and wearing apparel	21	10	5	3	3	
324	Manufacture of footwear	41	27	6	5	3	
331	Sawmills and manufacture of wood and cork products, except furniture	165	33	27	53	52	
332	Manufacture of furniture and fixtures, except primarily of metal	40	23	10	1	6	
341	Manufacture of paper and paper products	60	26	18	8	8	
342	Printing, publishing and allied industries	165	97	31	24	13	
351	Manufacture of industrial chemicals	13	1	2	2	8	
352	Manufacture of other chemical products	74	23	11	21	19	
353 & 354	Petroleum refineries and manufacture of products of petroleum and coal	9	-	-	-	9	
355	Processing of natural gums, excluding rubber processing	6	-	1	-	5	
356	Manufacture of rubber products, except rubber footwear	29	10	10	2	7	
357	Manufacture of other plastic products	57	26	10	10	11	
361	Manufacture of pottery, china and earthenware ..	4	2	-	1	1	
362	Manufacture of glass and glass products	5	3	-	1	1	

5.6 DISTRIBUTION OF ESTABLISHMENTS BY VALUE OF OUTPUT, 1970 (continued)
(Establishments engaging 10 or more workers)

Industrial Code	Industry Major Group	Total	Establishments with Output of (\$ Thousand)				Number
			Less than \$250	\$250-499	\$500-999	\$1,000 and over	
363	Manufacture of bricks, tiles and other structural clay products	13	3	4	3	3	
364	Manufacture of cement, including cement additives ..	4	-	1	-	3	
365	Manufacture of structural cement and concrete products	18	10	3	2	3	
369	Manufacture of non-metallic mineral products, n.e.c.	10	2	3	3	2	
371	Iron and steel basic industries	14	6	4	1	3	
372	Non-ferrous metal basic industries	4	-	1	-	3	
381	Manufacture of fabricated metal products, except machinery and equipment	158	47	33	31	47	
382	Manufacture of machinery, except electrical ..	102	46	29	14	13	
383	Manufacture of electrical machinery, apparatus, appliances and supplies	64	14	9	12	29	
384	Manufacture of transport equipment	84	21	13	18	32	
385	Manufacture of professional and scientific measuring and controlling equipment and manufacture of photographic and optical goods	17	6	4	3	4	
390	Other manufacturing industries	105	35	24	18	28	
	Total manufacturing excluding rubber processing ..	1,747	715	325	282	425	
	Rubber processing	27	-	1	2	24	
	Total manufacturing including rubber processing	1,774	715	326	284	449	
	Granite quarrying	16	3	2	5	6	
	Total manufacturing and quarrying	1,790	718	328	289	455	

5.7 OUTPUT OF SELECTED MANUFACTURED PRODUCTS: QUANTITY

(Establishments engaging 10 or more workers)

Year	Biscuits	Bread	Cigar- ettes	Soap	Bee Hoon (Vermi- celli)	Mee (Noodles)	Pro- cessed Rattan	Coconut Oil (Crude)	Cooking Oil and Coconut Oil (Re- fined)	Ice	Sawn Timber	News- papers	Bricks
	'000 lbs.				'000 pks.					'000 tons		'000 copies	'000 pcs.
1961	15,904	21,799	4,203	18,688	19	13	201	579	289	154	154	81,465	38,059
1962	11,947	20,587	4,609	17,706	25	22	172	493	195	148	159	81,527	52,972
1963	15,230	31,122	5,257	16,173	18	27	173	369	306	152	234	81,992	59,538
1964	16,360	33,689	3,990	15,264	25	26	142	309	444	129	261	83,261	59,335
1965	16,880	34,258	5,666	12,591	20	22	138	357	306	128	296	92,098	77,398
1966	17,652	38,589	6,016	24,066	18	29	123	522	407	138	369	100,082	65,381
1967	21,119	38,973	6,636	25,427	20	38	145	495	480	145	379	98,038	67,864
1968	22,936	44,024	5,992	28,321	20	42	161	701	495	144	489	82,068	74,633
1969	23,022	42,632	5,664	35,395	31	39	159	505	469	143	529	87,044	79,939
1970	25,508	38,917	6,319	40,944	35	42	168	566	572	161	562	100,400	76,996

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

Thousand Dollars

Commodities	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Biscuits	6,332	4,434	6,722	6,271	6,623	6,603	8,531	9,184	9,549	10,662
Bread	4,521	4,390	6,204	6,841	6,992	7,855	8,021	8,542	8,257	7,956
Cakes	1,714	1,645	2,404	2,317	2,289	2,949	3,304	3,911	3,896	4,601
Bee Hoon (Vermicelli) ..	563	762	560	711	636	588	744	768	943	1,234
Mee (Noodles)	394	580	849	784	683	791	1,098	1,187	1,177	1,240
Soya Bean Sauce	1,799	2,315	2,704	2,667	3,044	2,686	2,999	3,796	3,795	3,855
Ice	2,630	2,405	2,609	2,286	2,248	2,373	2,574	2,531	2,495	2,808
Carbonated Drinks	9,837	10,187	13,328	12,382	13,608	14,437	15,848	19,081	20,934	24,224
Cigarettes	36,300	48,624	57,847	68,119	76,735	80,560	90,389	85,491	88,382	95,072
Sawn Timber	19,991	21,329	31,527	37,151	40,346	52,864	54,945	75,257	88,909	97,235
Processed Rattan	8,927	7,771	8,010	8,154	7,107	6,215	7,216	7,820	8,560	9,894
Paper Boxes	4,057	3,322	2,855	3,160	3,884	4,048	4,717	5,692	6,736	8,242
Newspapers	10,085	10,356	10,181	10,580	11,164	12,168	12,228	10,323	10,489	12,179
Coconut Oil (Crude)	22,844	20,039	16,538	15,389	19,935	23,218	23,636	37,935	25,729	31,019
Cooking Oil and Coconut Oil (Refined)	13,199	16,467	16,708	19,923	20,531	22,026	27,114	30,283	27,247	36,878
Soap	4,594	3,830	3,456	3,768	3,366	7,336	9,586	9,142	10,909	15,037
Bricks	2,789	4,382	4,883	5,418	6,505	5,588	4,832	5,807	6,458	6,564
Tin Cans	16,932	18,294	17,876	21,294	26,475	25,758	31,634	28,315	32,848	40,481
Wiremesh and Wire Fencing ..	3,861	3,920	5,901	6,442	6,519	8,329	6,371	10,749	9,374	9,388

5.9 QUARTERLY INDEX OF PRODUCTION OF MANUFACTURING ESTABLISHMENTS

(Base year 1968 = 100)

Industrial Code	Industry Major Group	Weights	1970				1971			
			1st Qr.	2nd Qr.	3rd Qr.	4th Qr.	1st Qr.	2nd Qr.	3rd Qr.	4th Qr.*
	Total Manufacturing	1,000.0	126.8	140.3	141.3	148.3	138.5	155.4	148.6	147.4
20	Food manufacturing industries, except beverage industries	101.4	120.1	143.1	142.2	153.7	128.0	131.8	124.6	127.7
21	Beverage industries	48.4	110.4	121.0	136.2	106.3	117.5	125.8	121.9	123.9
22	Tobacco manufacture	36.6	101.7	98.0	93.0	106.9	85.3	93.0	95.8	100.4
23	Manufacture of textiles	11.0	161.3	211.7	209.4	225.1	197.8	228.9	237.9	233.3
24	Manufacture of footwear, other wearing apparel and made-up textile goods, except rubber footwear	37.0	136.1	125.9	114.9	174.5	143.4	161.4	162.5	187.2
25	Manufacture of wood and cork, except manufacture of furniture	70.2	119.5	124.3	137.3	138.0	122.8	142.0	159.3	166.3
26	Manufacture of furniture and fixtures	14.7	183.5	185.3	192.4	229.0	221.9	220.7	209.6	227.7
27	Manufacture of paper and paper products	15.1	170.9	187.2	193.5	226.9	214.0	217.4	214.8	206.3
28	Printing, publishing and allied industries	61.4	108.5	117.5	114.5	139.2	109.4	125.5	125.0	126.2
29	Manufacture of leather and leather products, except footwear	4.9	85.5	86.2	74.8	85.2	71.8	77.5	61.2	68.6
30	Manufacture of rubber products including rubber footwear but excluding rubber processing	20.3	98.7	89.7	84.9	95.4	93.0	98.5	94.1	100.2
31	Manufacture of chemicals and chemical products	63.5	144.9	154.8	171.1	169.5	162.1	181.9	186.3	174.8
32	Manufacture of products of petroleum	164.1	110.1	116.0	119.0	127.6	119.9	125.4	123.8	120.8
33	Manufacture of non-metallic mineral products, except products of petroleum	46.4	115.1	129.1	124.7	137.0	117.7	123.0	131.5	119.8
34	Basic metal industries	35.2	120.0	128.6	123.5	106.1	103.0	118.1	118.6	108.0
35	Manufacture of metal products, except machinery and transport equipment	71.5	123.2	154.5	165.8	140.4	120.9	155.7	150.8	144.9
36	Manufacture of machinery, except electrical machinery	29.1	137.9	156.1	139.6	126.2	119.9	110.6	120.7	127.8
37	Manufacture of electrical machinery, apparatus, appliances and semi-conductor devices	28.5	170.1	213.1	225.9	209.3	204.0	274.5	248.1	237.6
38	Manufacture of transport equipment	104.9	152.6	171.5	159.6	186.6	201.1	257.7	196.0	186.9
39	Miscellaneous manufacturing industries	35.8	153.7	182.7	172.8	175.4	195.6	176.2	172.3	175.3

Notes: The industries are classified according to the Singapore Standard Industrial Classification of All Economic Activities, 1966.

5.10 PRINCIPAL STATISTICS OF PIONEER FIRMS IN PRODUCTION
AND UNDER IMPLEMENTATION

Year	Number of Firms	Number Employed	Output	Issued Capital	Capital Outlay (At end period)
			\$ Thousand		
1964	113	5,446	220,415	156,273	166,822
1965	144	10,495	318,218	166,094	254,843
1966	137	11,102	490,301	291,099	326,756
1967	234 ⁽¹⁾	16,326	648,533	237,135	393,703
1968	255 ⁽¹⁾	22,953	1,015,333	370,502	477,760
1969	281 ⁽¹⁾	36,759	1,199,824	634,428	719,907
1970	296 ⁽¹⁾	51,203	1,622,935	739,667	1,238,491

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

Source: Economic Development Board

5.11 PRINCIPAL STATISTICS OF PIONEER FIRMS BY INDUSTRY GROUP

(At December 1970)

Industry Group	Number of Firms	Number Employed	Output	Value Added	Gross Fixed Assets	Paid-Up Capital
			\$ Thousand			
Total	296	51,203	1,622,935	547,946	1,238,491	727,772
Food and beverages	22	2,224	186,927	69,854	78,704	60,186
Textiles and garments	42	12,069	119,035	36,879	102,602	86,438
Wood and cork products	11	4,263	54,795	17,450	46,600	40,051
Paper and paper products	3	200	7,419	2,415	2,096	1,800
Leather and rubber products	6	1,043	29,331	8,877	26,384	16,140
Basic industrial chemicals	17	690	39,925	13,320	44,323	25,145
Other chemical products except plastic	27	1,169	58,474	14,546	27,870	23,932
Petroleum and petroleum products	10	2,268	685,719	226,300	554,511	221,425
Non-metallic mineral products	13	1,511	33,808	12,557	42,307	26,755
Basic metal industries	13	1,436	56,179	13,722	50,883	35,465
Metal products and mechanical engineering	29	2,547	35,886	10,784	62,241	62,854
Electrical and electronic products	43	13,114	218,128	80,544	90,129	50,755
Transport equipment	7	1,618	42,009	20,089	67,171	29,860
Plastic products	20	1,210	14,224	5,511	14,938	15,884
Miscellaneous	33	5,841	41,076	15,098	27,732	31,082

Source: Economic Development Board

5.12 DISTRIBUTION OF EMPLOYMENT IN PIONEER FIRMS BY INDUSTRY AND OCCUPATION
(At December 1969)

Industry Group	Occupation Group						
	Total	Managerial and Supervisory	Clerical and Sales	Technical	Skilled/ Semi- skilled	Unskilled	Others
Total	36,071	1,582	2,347	1,204	18,471	11,738	729
Food and beverages ..	2,183	162	365	109	865	602	80
Textiles and garments ..	9,230	179	310	242	6,837	1,586	76
Wood and paper products ..	3,609	141	176	80	1,060	2,110	42
Rubber and leather products	928	73	73	24	559	153	46
Chemical and chemical products	1,463	100	172	74	697	357	63
Petroleum and petroleum products	588	77	50	68	304	82	7
Non-metallic mineral products	1,159	41	99	41	895	78	5
Metals and engineering ..	4,619	404	449	134	2,321	1,039	272
Electrical products ..	8,372	291	458	310	2,314	4,929	70
Plastic products	1,010	49	85	42	358	444	32
Miscellaneous	2,910	65	110	80	2,261	358	36

Source: Economic Development Board

6. ELECTRICITY, GAS AND WATER SUPPLY

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

Electricity

Electricity is generated at the main power stations at Jurong, Pasir Panjang 'A' and Pasir Panjang 'B'. The power station at St. James is now largely used as a stand-by station to cater for emergencies and peak periods. The total installed capacity as at the end of 1971 was 704 megawatts. The installed capacity of the Jurong Power Station was 240 megawatts at the end of 1971 and this will be increased to a total generating capacity of 600 megawatts in 1973.

A network of 12,044 miles of cables and 1,403 sub-stations (with a total installed transformer capacity of 2,953,776 kilovoltamperes) formed the transmission and distribution system whereby electricity was supplied in 1971 to 291,074 con-

sumers in all parts of the Republic.

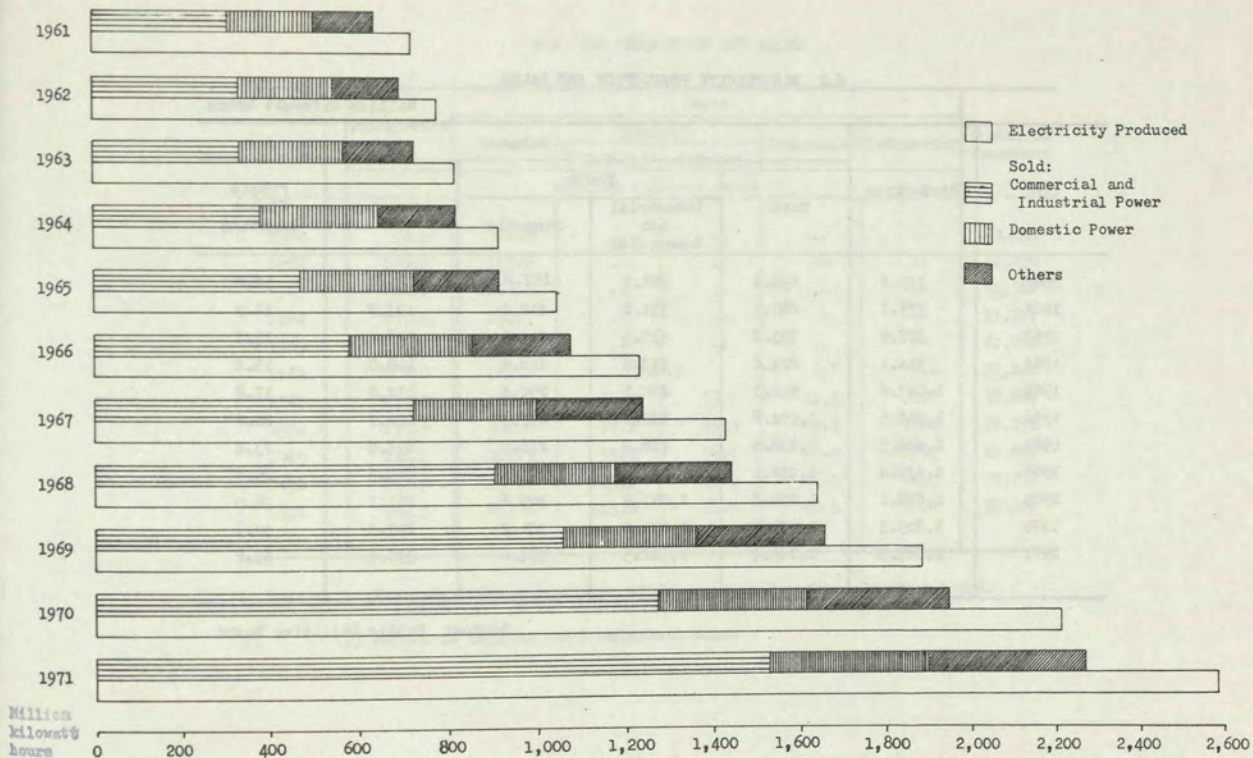
Gas

Gas is produced by seven catalytic reformers at the Kallang Gasworks, which has an installed capacity of 13.4 million cubic feet per day. The gas which is stored in the gas holders in Kallang and in Queenstown is used to meet the daily peak demand. There are altogether 513 miles of gas mains in use. However, there is also some production and distribution of bottled gas by private companies for domestic use but data on this is not included in the tables.

Water

The supply of fresh water is drawn mainly from Terbau, Scudai and Johore Rivers in Johore. There are, in addition, four impounding reservoirs in Johore and three in Singapore with a total storage capacity of about 11,000 million gallons. The water is purified, treated and distributed to various types of consumers from five service reservoirs situated on the island.

ELECTRICITY PRODUCED AND SOLD



6.1 ELECTRICITY PRODUCTION AND SALES

Million kilowatt hours

Year	Production	Sales				
		Total	Power		Lighting	Public Street Lighting
			Industrial and Commercial	Domestic		
1961	719.6	636.6	306.3	197.8	120.5	12.0
1962	775.7	689.5	331.2	212.2	133.2	12.9
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
1971	2,585.3	2,266.4	1,522.5	374.6	335.5	33.8

Source: Public Utilities Board

6.2 GAS PRODUCTION AND SALES

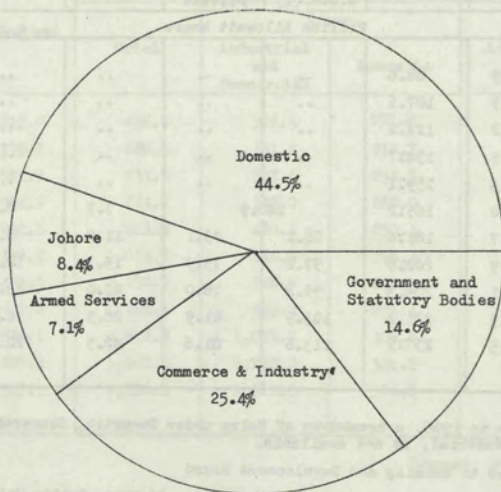
Year	Production	Sales					Number of Consumers
		Total	Domestic		Commercial	Industrial	
			H.D.B.(1)	Private			
	Million kilowatt hours						
1961	99.9	88.6	..	..	..	..	23,013
1962	120.9	107.6	..	..	..	..	31,476
1963	140.2	124.2	..	..	..	..	42,782
1964	167.9	154.7	..	..	..	..	51,117
1965	186.3	159.1	..	..	..	..	61,052
1966	206.0	165.2	148.9		7.7	8.6	71,240
1967	217.7	181.6	88.1	73.1	11.9	8.5	76,665
1968	237.9	202.8	97.2	75.9	19.3	10.4	80,256
1969	248.1	209.3	99.2	76.0	22.0	12.1	85,925
1970	264.5	231.2	103.9	81.9	28.9	16.5	91,272
1971	299.5	257.9	113.6	81.6	42.5	20.2	98,298

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

(1) Refers to Housing and Development Board

Source: Public Utilities Board

WATER CONSUMPTION, 1971



6.3 WATER CONSUMPTION

Year	Thousand Cubic Metres						
	Total	Singapore Government and Statutory Bodies	Domestic	Commerce and Industry	Armed Services	Johore	Average Per Day
1961	101,686.9	23,139.6	40,423.8	21,321.2	11,069.7	5,732.6	300.0
1962	106,433.1	23,607.8	43,251.5	22,325.9	10,947.0	6,300.9	318.2
1963	93,672.2	20,457.4	38,996.4	19,916.4	7,428.3	6,873.7	277.3
1964	114,102.3	26,862.8	47,920.3	22,616.8	9,337.7	7,364.7	336.4
1965	131,427.5	30,999.8	54,539.4	25,294.5	11,388.0	9,205.8	372.8
1966	136,728.2	31,763.5	56,412.4	26,194.6	12,965.5	9,392.2	400.1
1967	138,337.5	35,191.3	54,657.6	26,385.5	12,215.3	9,887.8	418.2
1968	150,216.5	34,704.9	60,244.8	30,740.7	13,324.6	11,201.5	450.1
1969	156,858.3	32,868.2	66,141.1	33,741.1	12,683.6	11,424.3	468.2
1970	165,509.5	31,868.1	71,028.1	37,996.2	12,056.2	12,560.9	500.1
1971	160,913.4	23,521.5	71,546.4	40,855.7	11,442.5	13,547.3	481.9

Source: Public Utilities Board

7. BUILDING CONSTRUCTION AND HOUSING

Building Construction

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.

Housing and Development Board

The Housing and Development Board is respon-

sible 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 trade or business.

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

7.1 BUILDINGS COMMENCED AND COMPLETED

	1967		1968		1969		1970		1971	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
Number of Units:										
Total -										
Residential	19,737	15,118	15,395	16,171	11,660	16,191	19,070	14,658	30,987	19,537
Non-Residential	2,024	2,278	1,362	1,793	1,182	973	1,294	1,221	1,476	1,588
Public -										
Residential	17,078	11,929	13,224	13,895	10,298	13,379	16,897	12,939	28,251	17,975
Non-Residential	1,834	2,078	1,166	1,633	987	799	635	997	1,302	994
Private -										
Residential	2,659	3,189	2,171	2,276	1,362	2,812	2,173	1,719	2,736	1,562
Non-Residential	190	200	196	160	195	174	659	224	174	594
Floor Area ('000 sq. ft.):										
Total -										
Residential	12,603	10,779	13,441	11,354	12,632	12,596	15,014	11,408	28,833	15,024
Non-Residential	4,651	3,893	6,337	4,223	9,316	4,700	7,492	7,625	13,040	6,442
Public -										
Residential	7,701	5,340	7,185	6,654	5,746	6,898	9,204	6,906	21,832	10,499
Non-Residential	2,692	2,471	3,276	2,436	4,892	2,436	1,774	4,277	4,524	2,662
Private -										
Residential	4,902	5,439	6,256	4,700	6,886	5,698	5,810	4,502	7,001	4,525
Non-Residential	1,959	1,422	3,061	1,787	4,424	2,264	5,718	3,348	8,516	3,780

BUILDING CONSTRUCTION AND HOUSING

7.2 RESIDENTIAL BUILDINGS COMMENCED AND COMPLETED

Private Sector

	1967		1968		1969		1970		1971	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
Number of Units:	2,659	3,189	2,171	2,276	1,362	2,812	2,173	1,719	2,736	1,562
Bungalows	157	237	174	134	151	158	192	192	349	205
Semi-detached	690	1,196	480	632	260	899	484	295	549	280
Terrace	1,068	1,049	989	671	491	1,120	527	749	500	509
Flats	741	692	520	832	417	633	964	465	1,328	544
Shophouses	-	13	-	-	27	-	-	9	6	18
Others	3	2	8	7	16	2	6	9	4	6
Floor Area ('000 sq. ft.):	4,902	5,439	6,256	4,700	6,886	5,698	5,810	4,502	7,001	4,525
Bungalows	496	621	632	434	595	544	682	726	1,267	707
Semi-detached	1,411	2,097	1,171	1,261	689	2,036	1,187	671	1,455	719
Terrace	1,971	1,769	1,805	1,307	904	2,091	1,069	1,305	1,030	978
Flats	984	920	813	1,089	1,355	931	1,967	690	3,043	998
Shophouses	-	29	-	-	65	-	-	27	14	38
Others	40	3	1,835	609	3,278	96	905	1,083	192	1,085

7.3 NON-RESIDENTIAL BUILDINGS COMMENCED AND COMPLETED

Private Sector

	1967		1968		1969		1970		1971	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
Number of Units:	190	200	196	160	195	174	659	224	174	594
Commercial	135	146	126	85	113	110	522	149	119	531
Industrial	32	37	55	46	60	47	118	57	45	48
Educational	9	6	6	12	5	5	2	5	4	1
Others	14	11	9	17	17	12	17	13	6	14
Floor Area ('000 sq. ft.):	1,959	1,422	3,061	1,787	4,424	2,264	5,718	3,348	8,516	3,780
Commercial	727	293	1,007	422	2,086	520	3,238	1,138	6,520	1,676
Industrial	768	797	1,711	928	1,744	1,377	1,896	1,715	1,816	1,849
Educational	282	217	68	156	186	233	66	172	60	2
Others	182	115	275	281	408	134	518	323	120	253

7.4 BUILDINGS COMMENCED AND COMPLETED

Public Sector

	1967		1968		1969		1970		1971	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
Number of Units:										
Residential	17,078	11,929	13,224	13,895	10,298	13,379	16,897	12,939	28,251	17,975
Flats	16,431	11,423	12,840	13,296	9,988	12,893	16,504	12,661	27,965	17,454
Shophouses	487	392	384	359	309	437	379	278	278	501
Others	160	114	-	240	1	49	14	-	8	20
Non-Residential	1,834	2,078	1,166	1,633	987	799	635	997	1,302	994
Commercial	1,622	2,003	1,055	1,424	863	702	379	696	908	608
Industrial	140	23	58	136	40	28	52	76	327	338
Educational	5	21	4	10	29	17	5	15	5	6
Others	67	31	49	63	55	52	199	210	62	42
Floor Area ('000 sq. ft.):										
Residential	7,701	5,340	7,185	6,654	5,746	6,898	9,204	6,906	21,832	10,499
Flats	7,061	4,927	6,705	6,002	5,283	6,356	8,600	6,492	21,442	9,718
Shophouses	534	349	480	433	461	493	584	414	372	750
Others	106	64	-	219	2	49	20	-	18	31
Non-Residential	2,692	2,471	3,276	2,436	4,892	2,436	1,774	4,277	4,524	2,662
Commercial	279	186	626	345	1,630	490	551	1,052	1,644	524
Industrial	1,851	630	1,117	1,210	1,326	849	506	1,847	1,972	1,506
Educational	184	1,420	386	644	713	378	300	596	110	279
Others	378	235	1,147	237	1,223	719	417	782	798	353

7.5 UNITS UNDER MANAGEMENT BY HOUSING AND DEVELOPMENT BOARD
(At end period)

Year	Dwellings					Number	
	Total	One room	Two rooms	Three rooms	Four rooms and over	Shops	Miscellaneous (including open hawkers' pitches)(1)
1961	26,168	2,397	9,653	12,028	2,090	939	148
1962	37,374	6,189	13,185	15,912	2,088	976	150
1963	43,889	6,483	14,702	20,547	2,157	1,122	152
1964	54,312	7,923	17,488	26,742	2,159	1,331	186
1965	69,660	16,891	20,884	29,670	2,215	1,552	148
1966	80,915	23,653	24,776	30,267	2,219	1,871	1,725
1967	84,683	24,298	25,812	31,894	2,679	1,971	3,080
1968	95,573	29,463	27,036	36,367	2,707	2,682	5,524
1969	108,823	36,844	27,407	41,878	2,694	3,447	6,122
1970	118,544	40,781	28,983	45,992	2,788	3,788	8,589
1971	126,710	43,077	30,717	49,682	3,234	4,177	9,162

(1) Exclude land tenancies.

Source: Housing and Development Board

8. EXTERNAL TRADE

Source of Data

Statistics on the external trade of Singapore are compiled by the Department of Statistics 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 Malaysian

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.

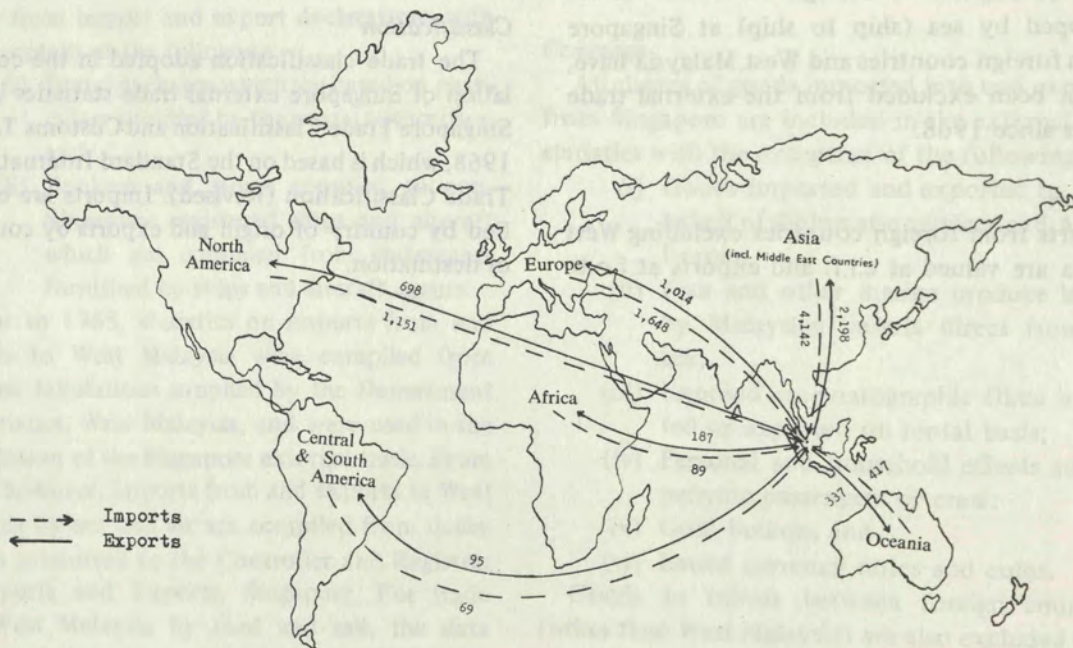
Classification

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.

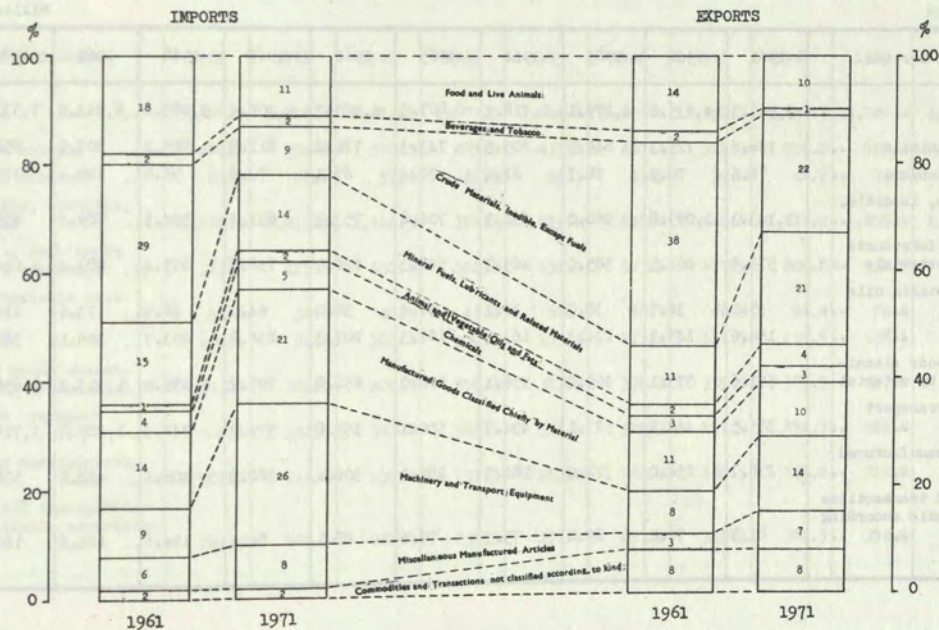
SINGAPORE

TRADE WITH REST OF THE WORLD, 1971

\$ Million



TRADE BY COMMODITY SECTIONS



8.1 IMPORTS BY COMMODITY SECTIONS

Million Dollars

Commodity Section	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Total Imports	3,963.3	4,035.8	4,279.1	3,478.7	3,807.3	4,065.7	4,406.4	5,083.8	6,243.6	7,533.8	8,655.0
Food and live animals ..	726.6	725.3	849.3	705.5	743.3	770.2	811.8	889.2	907.1	950.5	975.1
Beverages and tobacco ..	76.6	70.9	78.7	61.6	70.4	65.1	73.8	95.5	129.1	127.9	137.3
Crude materials, inedible, except fuels	1,143.3	1,099.8	968.0	631.9	702.8	753.3	637.4	594.5	889.6	858.8	781.7
Mineral fuels, lubricants and related materials ..	573.8	601.5	585.0	469.7	508.3	620.9	738.8	875.4	983.4	1,014.9	1,240.6
Animal and vegetable oils and fats	35.1	36.7	38.7	37.1	57.4	58.0	64.7	48.5	73.6	126.0	197.1
Chemicals	154.6	149.2	174.3	163.5	187.3	201.3	236.8	253.7	306.1	386.9	437.1
Manufactured goods classi- fied chiefly by material	557.6	573.1	659.0	556.1	626.0	652.8	797.2	1,059.0	1,313.3	1,650.9	1,848.8
Machinery and transport equipment	375.5	448.2	523.1	494.7	550.1	555.8	579.0	747.3	1,089.0	1,718.4	2,209.1
Miscellaneous manufactured articles	238.7	254.0	314.0	282.7	282.1	300.2	382.8	406.1	428.8	538.7	644.8
Commodities and transactions not classifiable according to kind	81.5	77.1	89.0	75.9	79.6	88.1	84.1	114.6	123.6	160.8	183.4

8.2 EXPORTS BY COMMODITY SECTIONS

Million Dollars

Commodity Section	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Total Exports	3,308.5	3,416.8	3,474.5	2,771.9	3,004.1	3,373.6	3,490.5	3,890.7	4,740.7	4,755.8	5,371.3
Food and live animals ..	466.2	494.6	578.7	421.0	435.8	463.4	519.3	502.2	525.4	549.6	541.8
Beverages and tobacco ..	67.9	60.6	52.2	42.4	46.3	43.5	39.4	48.2	73.0	71.6	69.0
Crude materials, inedible, except fuels	1,261.1	1,215.0	1,114.7	781.4	819.2	942.0	940.8	1,114.9	1,655.0	1,430.3	1,190.3
Mineral fuels, lubricants and related materials ..	373.0	415.6	432.8	362.6	431.1	593.6	677.1	809.8	930.9	822.5	1,145.8
Animal and vegetable oils and fats	46.8	38.6	40.9	44.0	60.0	66.7	68.9	93.4	84.4	140.2	208.1
Chemicals	101.1	94.5	103.8	100.2	109.6	117.4	114.5	119.5	138.6	128.9	184.6
Manufactured goods classi- fied chiefly by material	373.7	381.1	409.7	359.2	357.0	370.1	359.9	389.9	417.1	423.1	534.6
Machinery and transport equipment	266.1	334.7	340.8	284.1	315.0	320.3	271.0	252.7	349.6	520.9	740.5
Miscellaneous manufactured articles	107.7	118.8	139.2	137.7	153.0	162.7	160.5	175.6	212.2	247.9	343.4
Commodities and transactions not classifiable according to kind	244.9	263.3	261.7	239.3	277.1	293.9	339.1	384.5	354.5	420.8	413.2

8.3 IMPORTS BY MAJOR COUNTRIES OF ORIGIN

Million Dollars

Country of Origin	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Total	3,963.3	4,035.8	4,279.1	3,478.7	3,807.2	4,065.7	4,406.4	5,083.8	6,243.6	7,533.8	8,655.0
West Malaysia ..	723.6	727.7	756.6	791.9	884.9	943.5	839.6	810.1	1,089.7	1,117.4	1,138.9
East Malaysia ..	177.9	143.6	127.3	185.0	224.1	222.9	230.2	239.7	306.5	286.1	304.8
Thailand	118.7	119.9	122.3	130.1	147.4	161.9	145.4	166.2	167.9	149.4	174.4
India	66.9	59.8	112.5	102.0	57.5	55.6	53.2	53.4	57.5	69.1	85.9
Hong Kong	109.7	107.9	122.4	114.4	109.0	112.9	125.6	144.5	165.9	188.5	200.8
China, People's Rep. of	129.8	156.2	211.7	196.5	224.5	271.7	385.8	460.0	418.5	385.5	406.7
Taiwan	21.7	22.4	47.1	40.2	33.8	33.2	48.0	76.8	81.8	126.8	148.6
Japan	339.0	366.7	407.9	364.4	421.2	463.7	548.1	692.3	1,018.9	1,458.0	1,699.6
Australia	124.2	127.3	152.7	160.5	166.0	189.3	197.8	216.5	241.3	340.5	367.7
Iran	13.4	56.9	68.2	74.4	102.7	114.6	151.2	138.1	177.5	170.9	187.0
Kuwait	-	123.3	156.8	122.8	133.9	154.8	223.1	340.1	347.9	360.5	392.3
Saudi Arabia ..	35.9	16.1	17.2	33.0	26.8	48.3	30.8	47.5	44.3	79.4	215.6
United Kingdom ..	406.9	384.7	427.2	349.8	413.9	408.1	354.5	396.1	421.3	569.1	633.3
France	33.3	34.4	30.6	31.2	39.1	35.8	42.0	44.8	76.6	86.5	94.0
West Germany ..	98.4	98.6	112.0	91.0	104.4	111.4	128.2	129.7	212.2	253.2	339.9
Italy	27.6	38.4	38.6	27.6	35.4	33.4	42.9	55.8	66.6	91.8	112.6
Netherlands ..	90.2	68.6	82.5	63.0	49.7	78.2	77.4	79.0	72.3	93.6	143.1
Switzerland ..	48.3	47.2	49.5	48.5	47.1	42.7	62.9	54.4	61.6	71.9	73.3
U.S.A.	187.1	201.3	225.9	193.2	193.4	210.7	247.6	347.8	494.2	814.8	1,102.3
U.S.S.R.	8.3	8.7	14.6	9.0	11.8	9.5	20.3	28.9	35.4	32.4	32.2
Other Countries ..	1,202.4	1,126.1	995.5	350.2	380.6	363.5	451.8	562.1	685.7	788.4	802.0

8.4 EXPORTS BY MAJOR COUNTRIES OF DESTINATION

Million Dollars

Country of Destination	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Total	3,308.5	3,416.8	3,474.5	2,771.9	3,004.1	3,373.6	3,490.5	3,890.7	4,740.7	4,755.8	5,371.3
West Malaysia ..	886.2	941.5	1,011.1	925.5	938.6	907.6	824.8	756.0	779.4	688.7	841.8
East Malaysia ..	163.4	171.3	214.3	233.9	281.7	287.5	272.5	267.0	308.4	351.0	386.6
Brunei	20.6	20.0	26.2	35.1	42.1	48.5	52.4	55.5	66.5	78.0	120.5
Thailand	83.7	91.1	95.8	91.2	68.0	117.6	129.6	171.5	177.8	156.8	159.6
India	47.7	44.7	36.3	23.9	25.2	26.9	19.8	19.4	37.0	30.6	25.1
Hong Kong ..	66.0	70.4	90.4	156.3	132.8	120.4	116.9	141.7	143.0	194.0	289.1
China, People's Rep. of	11.5	2.3	16.3	1.0	22.4	137.2	95.8	81.2	174.8	69.4	46.6
Taiwan	7.9	7.8	7.5	10.5	11.5	15.7	19.9	26.1	31.1	37.5	43.8
Japan	175.2	160.6	136.7	95.0	112.2	123.3	156.1	274.4	336.3	361.5	379.8
Vietnam, Rep. of ..	39.2	51.6	63.4	65.5	112.0	256.4	305.1	350.2	447.5	336.6	392.7
Australia	78.8	80.9	86.7	77.7	93.8	70.3	73.0	89.3	123.0	160.0	257.2
United Kingdom ..	245.3	216.8	202.9	183.1	192.4	184.8	211.7	245.5	273.7	324.5	333.7
France	79.4	72.0	61.7	48.5	46.0	61.9	55.1	60.5	92.5	95.3	86.5
West Germany ..	67.6	69.1	70.3	48.0	57.9	48.8	53.5	81.9	114.6	136.2	113.7
Italy	82.1	70.6	70.9	39.2	43.7	43.1	55.0	45.4	58.4	69.2	63.7
Netherlands ..	52.6	47.7	54.0	24.9	34.9	50.3	62.8	86.3	67.1	72.0	69.6
Spain	22.5	28.2	21.4	16.9	20.8	22.7	20.5	23.0	36.1	46.1	40.5
Canada	33.7	36.1	32.7	25.7	26.7	33.9	33.9	47.9	61.3	56.8	63.3
U.S.A.	223.0	283.6	231.8	116.5	124.9	161.5	244.0	329.5	508.5	527.3	634.8
U.S.S.R.	137.3	136.3	154.9	75.5	126.6	110.6	89.9	111.0	129.1	142.4	115.6
Other Countries ..	784.8	814.2	789.2	478.0	489.9	544.6	598.2	627.4	774.6	821.9	907.1

8.5 IMPORTS BY PRINCIPAL COMMODITY GROUPS
(Including Trade with West Malaysia)

Thousand Dollars

Year	Wheat Unmilled	Rice	Fruits and Nuts Fresh	Fruits Preserved	Spices	Animal Feeding Stuff	Crude Rubber	Wood in the rough	Petroleum Crude	Petroleum Products	Fixed Vegetable Oil
1961	897	122,479	40,811	34,928	93,328	54,528	980,746	17,824	63,116	509,835	32,038
1962	766	144,886	41,763	37,906	66,976	55,840	966,590	19,275	150,424	450,086	34,283
1963	4,048	170,815	46,273	40,148	66,911	59,751	818,071	24,850	151,983	432,024	35,779
1964	20,583	105,493	47,731	43,355	34,064	90,626	497,438	27,012	91,500	377,362	33,695
1965	32,620	110,893	51,070	53,470	52,486	109,907	553,789	31,211	104,977	401,792	53,960
1966	44,558	114,711	53,729	58,950	44,116	100,620	583,664	42,312	150,333	468,547	54,735
1967	45,604	139,304	61,746	62,463	66,060	81,793	455,682	53,230	226,577	509,480	59,434
1968	57,670	164,897	58,127	63,954	71,225	86,108	393,332	66,142	374,847	497,452	44,228
1969	46,432	113,316	64,748	65,476	132,191	93,022	653,949	76,090	388,430	593,514	68,144
1970	53,003	103,466	75,767	63,268	147,448	91,188	564,021	87,404	436,868	575,988	116,691
1971	36,624	88,831	79,962	65,895	128,143	102,143	468,827	97,355	717,999	518,778	187,072

8.5 IMPORTS BY PRINCIPAL COMMODITY GROUPS (continued)
(Including Trade with West Malaysia)

Thousand Dollars

Year	Medicinal Products	Paper and Paper- board	Cotton Fabrics	Other Textile Fabrics	Steel Plates and Sheets	Power Gene- rating Machinery	Indus- trial Machinery	Other Machinery and Equipment	Road Motor Vehicles	Clothing except Fur	Watches and Clocks
1961	32,005	31,138	115,184	102,207	38,005	23,852	32,748	65,871	126,131	54,950	40,655
1962	32,195	37,596	105,065	96,494	39,990	26,681	45,738	56,993	176,241	59,337	40,622
1963	35,114	36,975	125,397	106,842	41,799	26,926	43,939	70,104	193,477	94,110	41,649
1964	33,017	35,234	102,124	89,748	44,628	25,721	45,478	74,132	164,234	87,692	41,297
1965	36,631	40,192	104,566	95,078	58,061	41,292	52,044	82,628	185,064	61,860	45,954
1966	37,772	48,406	96,624	126,593	61,862	39,466	67,385	114,172	152,012	64,453	48,165
1967	41,644	52,434	134,080	165,742	65,621	45,462	97,640	97,820	128,271	82,830	66,462
1968	44,176	65,247	180,165	274,921	74,935	60,928	118,052	124,080	141,745	92,372	62,033
1969	48,177	68,424	196,090	374,879	105,080	72,879	219,811	193,400	202,830	74,779	72,174
1970	61,863	90,976	188,288	433,968	149,134	115,360	378,639	313,430	276,761	70,747	88,310
1971	71,764	105,806	153,993	493,532	134,597	127,266	443,757	380,861	358,271	85,221	86,808

Notes: From 1962, the trade classification is based on the Standard International Trade Classification (Revised).
As a result of the change in classification, data for 1961 in respect of Industrial Machinery and Other Machinery and Equipment are not strictly comparable with those in the later years.

8.6 EXPORTS BY PRINCIPAL COMMODITY GROUPS
(Including Trade with West Malaysia)

Thousand Dollars

Year	Fruits Preserved	Coffee	Spices	Animal Feeding Stuff	Tobacco Manu- factures	Crude Rubber	Sawn Timber	Crude Vegetable Materials	Petroleum Products
1961	34,589	56,488	99,079	20,370	28,165	1,134,494	17,946	28,241	334,065
1962	38,268	62,151	90,793	27,502	28,439	1,092,309	23,492	28,292	354,981
1963	40,255	96,850	86,959	27,220	26,445	972,527	30,659	28,541	376,613
1964	41,913	29,444	54,656	31,207	17,758	644,823	42,759	27,098	361,624
1965	51,925	29,004	70,039	39,859	21,805	668,818	50,210	27,973	429,695
1966	54,305	61,616	67,923	39,760	16,526	760,906	56,629	30,362	591,606
1967	51,408	127,870	82,880	43,803	15,509	755,058	60,285	30,544	675,472
1968	52,836	102,088	88,620	51,256	19,998	868,583	78,549	32,243	806,717
1969	54,164	111,222	93,505	66,442	34,822	1,403,487	103,102	34,492	927,529
1970	56,897	92,470	125,969	66,508	34,949	1,162,413	109,507	38,438	818,055
1971	52,109	65,333	122,636	75,360	35,747	942,797	95,045	42,446	1,133,445

8.6 EXPORTS BY PRINCIPAL COMMODITY GROUPS (continued)
(Including Trade with West Malaysia)

Thousand Dollars

Year	Fixed Vegetable Oil	Medicinal Products	Wood Simply Shaped	Cotton Fabrics	Other Textile Fabrics	Industrial Machinery	Other Machinery & Equipment	Road Motor Vehicles	Clothing except Fur
1961	44,068	14,587	3,639	71,892	50,780	27,535	34,640	89,571	26,636
1962	36,737	14,257	2,474	70,920	54,610	41,351	37,456	144,083	26,863
1963	39,059	15,357	2,537	83,899	42,217	33,042	39,737	148,459	37,986
1964	42,352	15,196	3,699	68,727	42,365	26,311	27,879	130,677	43,940
1965	58,453	18,197	8,600	66,238	35,824	38,949	37,001	143,670	50,420
1966	65,047	18,943	17,790	54,732	36,036	44,096	40,536	129,812	50,922
1967	65,478	17,890	22,639	50,585	36,803	47,645	34,143	89,627	48,902
1968	91,167	17,825	35,817	54,160	49,401	45,377	38,328	83,342	63,500
1969	82,421	20,574	47,213	65,328	68,937	56,171	42,349	111,989	85,179
1970	138,551	22,132	54,096	59,949	68,205	69,983	48,853	120,988	94,710
1971	205,145	28,901	76,106	70,437	94,212	84,604	65,189	140,953	138,574

Notes: See notes to Table 8.5

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 transshipment cargo but exclude military stores. Data on mineral oil-in-bulk, comprise crude and refined petroleum carried by tankers, discharged or loaded at the

oil refineries, but exclude bunker fuels supplied to vessels and aircraft. All other cargo, including vegetable oil-in-bulk, bulk cement, wheat and latex, are shown as "General and Other Cargo".

Civil Air Traffic

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

Passenger Movements

Data on arrivals and departures of passengers are compiled from returns submitted by airline and shipping agents and cover all persons arriving in and departing from Singapore with the exception of the movement of passengers between Singapore and West Malaysia.

Data on visitors are compiled from immigration disembarkation forms which are required to be submitted by all persons arriving in Singapore from foreign countries at the sea or air terminals.

Prior to 1969, data on visitors referred only to visitors or 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.
1961	11,553	38,104	11,526	37,977	8,662	473	8,740	476
1962	11,812	41,577	11,775	41,466	8,617	452	9,051	507
1963	11,653	41,125	11,597	41,085	7,668	377	7,768	399
1964	10,326	40,820	10,296	40,670	7,701	192	7,682	185
1965	10,928	44,454	10,934	44,324	1,612	198	1,600	198
1966	12,230	50,817	12,188	50,676	15,399	220	15,330	216
1967	13,811	57,758	13,718	57,535	24,390	288	24,401	288
1968	15,614	63,437	15,524	63,037	17,578	305	17,556	301
1969	16,634	63,901	16,568	63,711	15,900	341	15,973	349
1970	18,422	73,847	18,269	73,037	15,646	427	15,659	462
1971	19,073	77,362	18,723	76,449	15,936	630	15,694	670

CARGO DISCHARGED AND LOADED

☐ = 2 Million Freight Tons

Discharged

Loaded

		☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	1961	☐ ☐ ☐ ☐ ☐
		☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	1962	☐ ☐ ☐ ☐ ☐ ☐
		☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	1963	☐ ☐ ☐ ☐ ☐ ☐
		☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	1964	☐ ☐ ☐ ☐ ☐
		☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	1965	☐ ☐ ☐ ☐ ☐ ☐
	☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	1966	☐ ☐ ☐ ☐ ☐ ☐ ☐
	☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	1967	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
	☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	1968	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
	☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	1969	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
	☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	1970	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
	☐	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	1971	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

9.2 CARGO DISCHARGED AND LOADED BY SHIPS

Thousand Freight Tons

Year	Total Discharged			General and Other Cargo			Mineral Oil-in-Bulk		
	Total	Roads	Wharves	Total	Roads	Wharves	Total	Roads	Wharves
1961	11,750.9	8,630.3	3,120.6	4,602.4	2,103.9	2,498.5	7,148.5	6,526.4	622.1
1962	13,403.5	10,388.2	3,015.3	4,768.2	2,088.7	2,679.5	8,635.3	8,299.5	335.8
1963	13,740.3	10,572.4	3,167.9	4,784.2	1,970.4	2,813.8	8,956.1	8,602.0	354.1
1964	11,882.1	8,981.4	2,900.7	3,916.9	1,400.4	2,516.5	7,965.2	7,581.0	384.2
1965	13,360.0	10,215.8	3,144.2	4,226.6	1,456.3	2,770.3	9,133.4	8,759.5	373.9
1966	16,543.5	13,416.1	3,127.4	4,169.8	1,487.6	2,682.2	12,373.7	11,928.5	445.2
1967	18,397.3	15,272.3	3,125.0	4,315.5	1,578.5	2,737.0	14,081.8	13,693.8	388.0
1968	21,678.2	18,057.2	3,621.0	4,638.6	1,598.2	3,040.4	17,039.5	16,458.9	580.6
1969	22,569.4	18,725.7	3,843.7	5,025.6	1,776.7	3,248.9	17,543.8	16,949.0	594.8
1970	26,439.4	21,869.6	4,569.8	5,849.8	1,889.6	3,960.2	20,589.6	19,980.0	609.6
1971	28,817.6	23,914.2	4,903.4	6,607.7	2,156.7	4,451.0	22,209.9	21,757.5	452.4

Year	Total Loaded			General and Other Cargo			Mineral Oil-in-Bulk		
	Total	Roads	Wharves	Total	Roads	Wharves	Total	Roads	Wharves
1961	6,507.1	4,413.7	2,093.4	2,729.5	660.4	2,069.1	3,777.6	3,753.3	24.3
1962	7,663.5	5,602.5	2,061.0	2,701.3	658.9	2,042.4	4,962.2	4,943.6	18.6
1963	7,853.4	5,763.2	2,090.2	2,835.6	759.2	2,076.4	5,017.8	5,004.0	13.8
1964	6,169.0	4,426.0	1,743.0	2,080.0	337.0	1,743.0	4,089.0	4,089.0	-
1965	7,980.3	6,153.8	1,826.5	2,186.0	359.5	1,826.5	5,794.3	5,794.3	-
1966	10,094.5	8,144.4	1,950.1	2,570.9	620.8	1,950.1	7,523.6	7,523.6	-
1967	11,943.0	9,765.8	2,177.2	2,980.5	803.3	2,177.2	8,962.5	8,962.5	-
1968	13,959.3	11,389.2	2,570.1	3,463.9	893.8	2,570.1	10,495.3	10,495.3	-
1969	15,334.8	12,730.5	2,604.3	3,670.5	1,066.2	2,604.3	11,664.3	11,664.3	-
1970	15,720.4	13,051.6	2,668.8	3,815.3	1,146.5	2,668.8	11,905.1	11,905.1	-
1971	19,269.0	16,481.0	2,788.0	3,962.7	1,174.7	2,788.0	15,306.3	15,306.3	-

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				
1961	2,453	4,503	44,810	109,851	40,450	109,305	47,999
1962	2,638	5,089	51,461	121,924	47,813	123,325	61,827
1963	2,474	4,752	59,290	129,529	56,102	131,848	76,919
1964	2,946	5,046	72,330	128,342	71,884	126,745	101,557
1965	3,024	5,743	84,384	148,162	86,576	147,151	137,439
1966	2,808	5,803	92,844	177,242	91,595	180,595	127,727
1967	3,193	7,294	106,758	243,410	106,475	247,283	165,420
1968	3,104	8,556	115,552	297,200	111,161	305,695	210,569
1969	3,551	11,009	133,649	393,735	129,921	404,984	264,669
1970	3,607	13,506	170,120	512,164	167,208	521,422	304,098
1971	4,540	16,832	207,548	618,164	207,779	628,017	344,775

9.4 CIVIL AIR TRAFFIC STATISTICS: MAIL AND FREIGHT

Thousand Kilos

Year	Mail				Freight			
	Landed		Despatched		Landed		Despatched	
	West Malaysia	Other Countries	West Malaysia	Other Countries	West Malaysia	Other Countries	West Malaysia	Other Countries
1961	142	772	173	665	213	1,818	1,526	1,747
1962	149	751	181	582	218	1,943	1,779	1,848
1963	145	722	186	554	159	2,410	1,233	2,068
1964	145	524	188	384	156	2,636	1,283	1,683
1965	170	635	197	497	238	3,130	1,419	2,162
1966	172	560	191	542	247	3,101	911	3,497
1967	200	729	195	761	277	3,740	710	4,188
1968	202	910	205	992	333	4,555	599	4,976
1969	158	1,035	246	1,242	385	5,941	631	7,984
1970	138	1,227	232	1,484	298	7,945	649	12,172
1971	120	1,162	235	1,279	378	9,927	723	14,678

9.5 ARRIVALS AND DEPARTURES OF PASSENGERS BY AIR AND SEA

Year	Persons					
	Arrivals			Departures		
	Total	Air	Sea	Total	Air	Sea
1961	160,756	109,851	50,905	178,725	109,305	69,420
1962	169,115	121,924	47,191	187,627	123,325	64,302
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
1971	662,359	618,164	44,195	683,715	628,017	55,698

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

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

Country of Embarkation and Disembarkation	Persons									
	1967		1968		1969		1970		1971	
	From	To	From	To	From	To	From	To	From	To
Total	243,410	247,283	297,200	305,695	393,735	404,984	512,164	521,422	618,164	628,017
Brunei and East Malaysia	33,783	32,162	36,944	35,535	39,665	38,688	48,166	47,221	57,721	54,928
Indonesia	26,638	24,382	39,923	39,270	71,785	70,366	123,030	120,747	167,150	162,129
Thailand	36,450	36,700	41,589	41,840	53,337	52,712	69,640	69,373	74,220	73,969
Philippines	8,267	7,006	9,746	8,529	12,980	11,762	20,145	17,198	24,642	19,948
India, Pakistan and Ceylon	17,143	20,011	18,445	21,936	21,506	23,471	28,721	32,263	28,905	33,365
Hong Kong	31,308	28,670	34,960	34,201	42,750	43,977	59,982	59,376	66,604	68,674
Japan	3,759	4,354	5,901	6,027	9,389	9,752	12,509	14,765	15,664	16,465
Other Countries in Asia ..	30,860	31,487	39,841	39,506	51,322	52,184	25,877	25,899	21,429	22,434
Countries in Oceania .. .	32,564	37,527	43,546	46,361	51,443	57,243	70,068	70,557	91,729	93,609
United Kingdom	11,213	12,844	11,737	15,251	16,440	19,219	22,175	29,852	34,174	42,541
Other Countries in Europe	10,118	10,521	13,307	15,918	21,664	24,344	30,292	32,300	34,593	37,829
Africa	386	564	403	461	373	175	207	85	216	170
Other Countries	921	1,055	858	860	1,081	1,091	1,352	1,786	1,117	1,956

Notes: See notes to Table 9.5

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

Country of Embarkation and Disembarkation	Persons									
	1967		1968		1969		1970		1971	
	From	To	From	To	From	To	From	To	From	To
Total	33,124	54,566	31,145	53,809	34,747	53,095	33,855	51,804	44,195	55,698
Brunei and East Malaysia	10,470	14,723	9,855	14,116	9,686	11,868	9,322	14,458	8,774	11,378
Indonesia	903	835	2,682	2,899	4,829	4,772	5,971	5,440	12,970	12,137
Thailand	342	23	560	146	131	55	60	57	98	46
India, Pakistan and Ceylon	6,015	17,819	4,703	16,662	5,497	15,233	4,929	14,796	4,092	11,901
Hong Kong	3,338	4,719	3,343	4,386	3,970	4,920	4,300	4,225	4,886	4,496
China, People's Republic of	2,301	4,324	2,517	5,029	2,942	6,199	3,360	6,391	4,294	7,313
Japan	1,179	1,488	605	1,269	923	822	87	76	84	52
Other Countries in Asia ..	1,493	2,690	988	2,422	786	2,030	773	1,421	802	1,647
Countries in Oceania ..	4,127	3,998	3,802	3,287	4,394	4,428	4,092	3,830	7,403	5,520
United Kingdom	1,435	2,033	1,216	1,816	737	1,295	353	688	229	919
Other Countries in Europe	784	1,500	548	1,453	444	1,112	72	176	55	64
Africa	211	173	111	181	92	113	176	61	174	45
Other Countries	526	241	215	143	316	248	360	185	334	180

Notes: See notes to Table 9.5

9.8 VISITORS BY CITIZENSHIP
(By Air and Sea)

										Persons		
				1963	1964	1965	1966	1967	1968	1969	1970	1971
Total	..	..	..	109,720	90,871	98,481	128,670	204,852	251,135	408,709	521,654	632,149
West Malaysia	..	..	..	..	..	..	..	..	..	24,967	30,332	35,544
East Malaysia	..	..	..	..	..	..	..	..	..	16,039	21,284	24,400
Brunei	..	..	..	1,118	1,075	2,089	2,205	2,935	2,626	3,181	3,570	4,303
Indonesia	..	..	..	10,636	106	88	483	17,288	24,305	44,592	72,359	85,627
Thailand	..	..	..	865	969	887	1,118	1,977	2,862	3,468	4,702	6,618
Philippines	..	..	..	905	533	803	1,479	2,669	3,521	4,765	7,431	11,993
Burma	..	..	..	239	200	201	176	464	367	..	..	..
India	..	..	..	5,007	4,069	4,585	6,412	10,432	12,336	16,207	24,498	23,545
Pakistan	..	..	..	929	730	630	795	998	1,206	1,559	1,633	1,881
Ceylon	..	..	..	678	564	905	1,764	2,797	2,991	3,581	3,651	3,948
China	..	..	..	3,912	2,590	2,836	3,114	4,062	4,970	7,601	9,235	17,699
Japan	..	..	..	5,346	7,101	7,831	8,529	12,273	15,219	25,546	32,739	45,057
Australia	..	..	..	11,535	12,532	13,699	18,957	26,768	33,086	46,517	61,453	76,930
New Zealand	..	..	..	1,921	2,184	2,199	3,264	4,072	4,864	6,228	8,329	9,002
United Kingdom	..	..	..	15,633	17,545	21,297	23,751	29,803	34,404	49,477	63,159	88,746
U.K. Dependencies n.e.o.	..	..	..	12,481	6,480	3,232	3,667	5,738	6,554	5,909	9,254	11,338
France	..	..	..	1,205	1,416	1,858	2,762	3,335	4,642	6,485	8,685	11,079
Germany	..	..	..	1,667	1,354	2,157	2,692	3,813	4,512	7,214	9,857	14,048
Italy	..	..	..	783	830	866	1,177	1,596	2,127	2,891	4,856	6,293
Netherlands	..	..	..	1,805	1,796	2,153	2,534	4,015	4,877	7,023	9,710	13,100
Other Countries in Europe n.e.o.	..	..	..	2,888	2,821	3,381	4,364	6,964	10,125	15,660	21,233	23,987
U.S.A.	..	..	..	24,306	21,554	22,513	33,850	53,548	64,122	90,883	89,081	91,403
Canada	..	..	..	1,318	1,422	1,410	1,794	2,535	3,228	5,009	8,043	7,736
Other Countries n.e.o.	..	..	..	4,543	3,000	2,861	3,783	6,770	8,191	13,907	16,560	17,872

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	Profession- al	Education	Transit	Dependents of persons coming for employment	Others
1961	101,631	29,843	12,476	1,207	236	52,070	447	5,352
1962	109,203	39,469	17,332	1,595	358	46,822	701	2,926
1963	109,720	53,944	14,235	1,805	366	35,821	647	2,902
1964	90,871	54,249	11,001	1,619	185	20,261	828	2,728
1965	98,481	56,225	11,309	2,484	154	22,271	781	5,257
1966	128,670	74,014	14,490	2,787	152	30,501	791	5,935
1967	204,852	121,500	23,182	3,460	129	48,399	820	7,362
1968	251,135	145,565	27,548	4,475	348	63,844	970	8,385

Year	Total	Pleasure/ Vacation	Business/ Pleasure	Business	Others
1969	408,709	242,486	36,589	67,842	61,792
1970	521,654	317,312	46,617	83,206	74,519
1971	632,149	380,292	57,178	95,619	99,060

Notes: See notes to Table 9.8

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

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

Persons

Country of Embarkation	1967		1968		1969		1970		1971	
	Air	Sea	Air	Sea	Air	Sea	Air	Sea	Air	Sea
Total	192,188	12,664	236,617	14,518	380,978	27,731	493,681	27,973	597,687	34,462
West Malaysia	..	..	..	..	44,930	1,407	59,761	992	71,431	188
Brunei and East Malaysia (incl. Labuan)	11,458	2,036	11,595	1,818	30,767	7,517	38,684	7,412	46,107	7,476
Indonesia	23,698	2,834	35,322	6,418	62,636	9,617	106,961	10,436	143,544	13,437
India, Pakistan and Ceylon	12,738	1,315	14,472	1,042	17,644	1,479	23,044	855	23,384	837
Hong Kong	21,915	1,248	25,072	1,173	31,097	2,089	43,098	2,608	48,876	2,847
China	2,097	6	2,427	7	3,350	99	5,163	54	4,980	38
Japan	4,289	534	5,196	535	8,265	522	11,480	139	14,808	165
Other Countries in Asia ..	65,044	442	77,475	382	98,909	1,317	93,578	1,479	94,604	2,190
Australia, New Zealand and Papua (incl. Christmas and Cocos Islands) ..	28,664	2,687	38,393	1,949	46,904	2,784	63,085	3,053	82,834	6,307
United Kingdom	12,272	393	13,364	284	15,955	218	20,985	95	33,287	116
Other Countries in Europe	8,441	379	11,550	197	17,733	145	24,071	73	28,428	73
U.S.A. (incl. Hawaii) ..	977	395	1,022	417	1,461	406	2,060	529	2,604	464
Africa	211	197	398	165	409	66	204	62	348	40
Other Countries, n.e.c. ..	384	198	331	131	918	65	1,507	186	2,452	284

Notes: See notes to Table 9.8

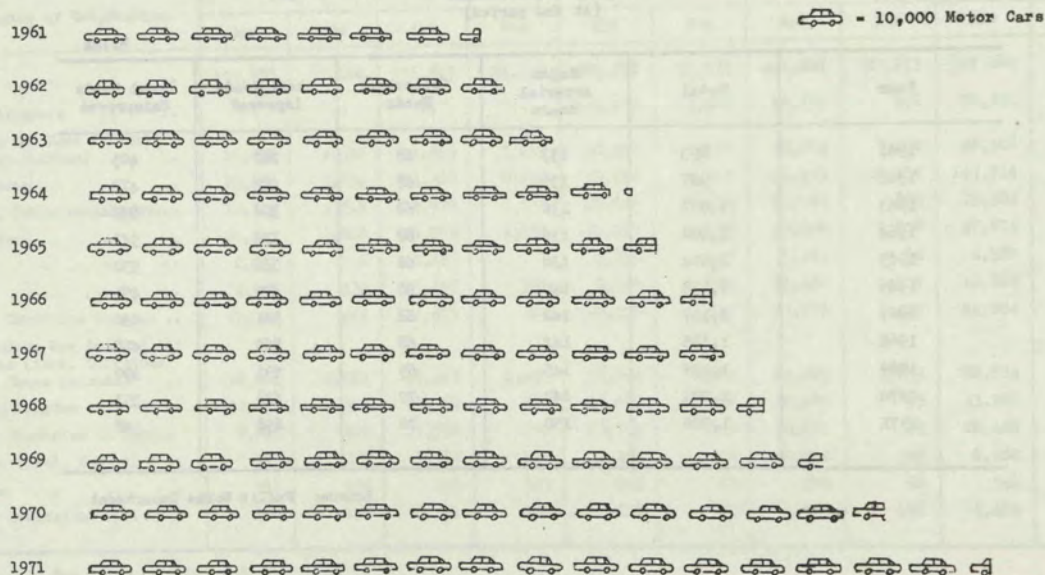
9.11 PUBLIC ROADS
(At end period)

Year	Total	Major Arterial Roads	Collector Roads	Local Roads Improved	Miles
					Local Roads Unimproved
1961	893	133	68	287	405
1962	967	135	68	292	472
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
1971	1,226	150	70	658	348

Source: Public Works Department

VEHICLES REGISTERED

Motor Cars



VEHICLES REGISTERED
Motor Cycles and Scooters

1961	  	
1962	   	 = 10,000 Motor Cycles and Scooters
1963	    	
1964	     	
1965	      	
1966	      	
1967	       	
1968	       	
1969	        	
1970	         	
1971	         	

9.12 VEHICLES REGISTERED

Year	Motor Cars		Buses	Goods Vehicles	Motor Cycles and Scooters	Bicycles	Trishaws	Number
	Private	Public						Road Rollers and Tractors
1961	70,108	3,493	1,375	14,613	28,205	279,806	3,631	185
1962	77,379	3,496	1,433	15,803	35,345	291,066	3,631	198
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
1971	155,956	7,212	2,681	38,071	109,655	382,428	3,302	332

Source: Registry of Vehicles

ROAD CASUALTIES

 = 50 persons

 = 2,000 persons

KILLED

INJURED

Year	Killed	Injured
1961	   	   
1962	   	   
1963	   	    
1964	    	    
1965	    	    
1966	     	    
1967	    	    
1968	      	    
1969	      	    
1970	      	    
1971	      	    

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
1961	194	6,805	10	477	40	838	25	1,167	27	1,133	-	13	92	2,177
1962	171	7,755	13	552	41	2,230	18	1,266	17	1,234	-	18	82	2,455
1963	204	8,540	8	597	47	2,722	26	1,260	21	1,330	-	31	102	2,600
1964	231	8,739	20	666	49	2,827	42	1,318	24	1,302	1	25	95	2,601
1965	230	9,046	13	709	49	3,011	33	1,128	32	1,360	-	14	103	2,824
1966	251	9,222	23	710	62	3,190	35	1,070	29	1,227	-	22	102	3,003
1967	227	10,122	18	676	55	3,598	24	1,135	20	1,352	-	16	110	3,345
1968	302	9,271	16	606	84	3,308	35	935	39	1,357	-	15	128	3,050
1969	302	9,918	12	768	77	3,603	29	1,034	36	1,201	4	86	144	3,226
1970	287	9,932	19	885	80	3,364	19	860	36	1,619	2	85	131	3,119
1971	341	9,842	28	1,014	57	2,964	45	899	42	1,821	7	88	162	3,056

Source: Police Department

9.14 POSTAL ARTICLES HANDLED

Thousands

Year	Total	Letters	Postcards	Printed Matters	Airmail Correspon- dence 1st Class	Registered Articles	Parcels	Unregistered Government Franked Correspon- dence	Others
1961	134,543	49,439	1,401	40,507	26,937	4,828	1,117	10,313	1
1962	136,019	44,481	1,132	42,862	25,338	5,059	1,262	15,884	1
1963	143,577	45,859	1,485	46,934	26,732	4,889	1,304	16,372	2
1964	148,903	47,340	1,589	49,083	29,378	4,846	1,215	15,449	3
1965	157,654	48,254	1,236	55,783	26,613	4,997	1,399	19,364	8
1966	170,252	48,903	1,040	68,176	23,493	5,206	1,468	21,958	8
1967	192,555	51,558	1,581	66,732	41,435	5,796	1,745	23,699	9
1968	197,634	54,658	1,216	71,843	36,464	6,645	1,523	25,277	8
1969	219,009	55,857	1,514	86,231	37,208	6,921	1,657	29,614	7
1970	239,058	56,198	2,026	100,372	42,153	7,061	1,757	29,480	11
1971	268,094	70,322	1,742	118,780	43,331	8,188	1,766	23,945	20

Source: Postal Department

9.15 COMMUNICATIONS

Year	Telegrams		International Telephone Calls	Telex Calls		Total Number of Telephones
	West Malaysia	International		West Malaysia	International	
1963	507	653	39	12	19	74
1964	556	551	35	16	24	79
1965	576	550	54	17	26	87
1966	436	607	75	18	29	95
1967	421	705	105	24	38	106
1968	361	750	141	30	47	119
1969	357	798	182	31	66	136
1970	176	910	255	33	103	161
1971	96	972	350	28	176	190

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

Source: Telecommunications Department
Singapore Telephone Board

10. MONEY, BANKING AND INSURANCE

Banking

Banking Statistics are compiled from returns submitted to the Monetary Authority of Singapore 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. The Monetary Authority of Singapore was established on 1st January, 1971 to take over the functions of the office of the Commissioner of Banking relating to the licensing and regulation of the banking business.

Insurance

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

Post Office Savings Bank

The Post Office Savings Bank was set up by the Government to mobilise domestic savings and to encourage saving habits in people. From 1st

January 1972, the Post Office Savings Bank which was previously part of the Postal Services Department was transformed into an independent Statutory Corporation under the Post Office Savings Bank Act.

Central Provident Fund

Under the Central Provident Fund Act, 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
(At end December)

Year	Gross Circulation			Active Circulation (1)	Active to Gross
	Total	Notes	Coins		
	₹ Million				%
1967	424.4	418.1	6.3	362.0	85.30
1968	525.3	504.5	20.8	478.7	91.13
1969	645.4	594.7	50.7	597.3	92.55
1970	753.1	699.9	53.2	707.4	93.93
1971	878.9	818.5	60.4	832.1	94.68

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

Source: Board of Commissioners
of Currency, Singapore

10.2 TOTAL MONEY SUPPLY
(At end December)

Million Dollars			
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
1971	851	1,064	1,915

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

10.3 FACTORS AFFECTING MONEY SUPPLY

Million Dollars

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
1971	498	286	-16	-15	-400	-89	264

10.4 OFFICIAL FOREIGN ASSETS
(At end December)

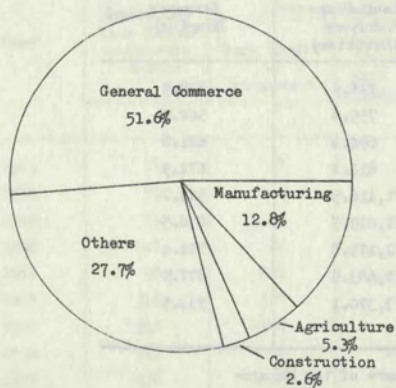
Million Dollars

Year	Total Official Foreign Assets	Government (including Statutory Authorities)	Currency Board (1)
1963	1,325.8	796.9	528.9
1964	1,318.7	755.8	562.9
1965	1,316.1	694.3	621.8
1966	1,486.1	811.2	674.9
1967	1,700.7	1,116.5	584.2
1968	2,256.0	1,619.5	636.5
1969	2,904.2	2,179.8	724.4
1970	3,561.7	2,683.8	877.9
1971	4,383.6	3,390.1	993.5

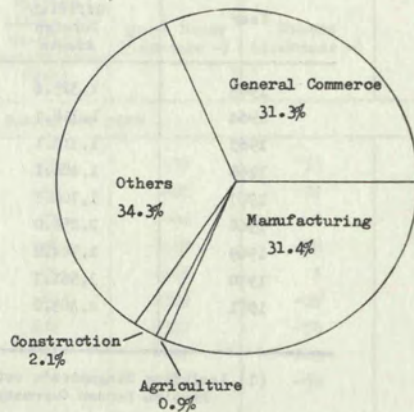
(1) Including Singapore's estimated share of the Malaya-British Borneo Currency Board's foreign assets.

Source: Monetary Authority of Singapore

LOANS AND ADVANCES OF COMMERCIAL BANKS



1962



1971

10.5 DETAILS OF ASSETS OF COMMERCIAL BANKS
(At end December)

Million Dollars

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Total	1,677.8	1,827.7	1,890.0	2,081.8	2,381.7	2,643.7	2,783.5	3,674.1	4,274.3	5,041.6	6,062.9
Cash	49.3	48.5	49.4	30.1	30.2	29.9	45.1	38.0	48.1	43.3	45.8
Balances Due from Banks ..	406.0	502.2	444.5	450.9	550.0	627.9	557.2	726.8	859.0	940.8	1,092.4
Singapore	145.5	188.8	182.8	183.8	272.7	320.4	289.8	439.8	546.6	609.8	677.1
Malaysia	43.8	50.5	44.3	84.5	152.8	158.1	101.6	133.9	155.7	137.3	133.6
Other Countries ..	216.7	262.9	217.4	182.6	124.5	149.4	165.8	153.1	156.7	193.7	281.7
Investments in Securities	199.6	227.6	229.5	316.0	431.5	429.5	488.7	880.3	821.9	920.7	1,276.5
Singapore	73.8	89.2	98.5	110.0	115.1	143.5	394.5	784.5	724.1	827.6	1,176.2
Malaysia	10.3	25.1	22.8	106.0	224.9	194.1	8.8	10.3	11.7	14.5	21.2
Other Countries (1) ..	115.5	113.3	108.2	100.0	91.5	91.9	85.6	85.5	86.1	78.6	79.1
Loans and Discounts ..	840.9	918.9	1,006.9	1,088.3	1,165.0	1,335.4	1,437.5	1,714.8	2,212.3	2,722.1	3,169.7
Bills (receivable, dis- counted or purchased)	211.4	187.8	215.0	211.5	251.1	309.1	331.9	363.4	485.2	554.4	554.7
Internal	128.3	116.7	131.2	131.3	163.0	195.8	211.6	248.5	280.7	354.7	348.6
External	83.1	71.1	83.8	80.2	88.1	113.3	120.3	114.9	204.5	199.7	206.1
Loans and Advances to Cus- tomers other than Banks	629.5	731.1	791.9	876.8	913.9	1,026.3	1,105.6	1,351.4	1,727.1	2,167.7	2,615.0
All Other Assets	182.0	130.5	159.7	196.5	205.0	221.0	254.8	314.2	333.0	414.7	478.5

(1) Include East Malaysia prior to 1965.

Source: Monetary Authority of Singapore

10.6 DETAILS OF LIABILITIES OF COMMERCIAL BANKS
(At end December)

Million Dollars

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Total	1,677.8	1,827.7	1,890.0	2,081.8	2,381.7	2,643.7	2,783.5	3,674.1	4,274.3	5,041.6	6,062.9
Deposits of Customers											
Other than Banks ..	892.8	1,019.9	1,092.0	1,137.2	1,222.0	1,412.1	1,828.2	2,309.7	2,745.4	3,194.9	3,745.8
Demand Deposits ..	366.5	417.8	442.8	423.8	446.8	520.3	587.7	733.6	811.6	947.7	1,082.9
Fixed Deposits ..	350.9	415.0	437.5	483.6	548.7	634.2	919.2	1,240.2	1,562.9	1,818.3	2,167.8
Savings Account ..	145.6	167.6	193.8	209.2	216.8	241.3	302.1	320.6	355.3	412.9	480.4
Other Deposits ..	29.8	19.5	17.9	20.6	9.7	16.3	19.2	15.3	15.6	16.0	14.7
Balances Due to Banks and Amounts Borrowed from Banks	487.0	515.1	502.6	627.6	852.1	865.3	589.5	839.1	876.3	1,045.7	1,438.3
Singapore	159.1	185.6	193.0	172.2	237.2	276.7	297.0	426.8	533.3	599.5	745.8
Malaysia (1)	180.2	204.9	189.4	258.4	404.2	366.6	126.3	86.8	78.6	73.5	90.3
Other Countries ..	147.7	124.6	120.2	197.0	210.7	222.0	166.2	325.5	264.4	372.7	602.2
All Other Liabilities ..	298.0	292.7	295.4	317.0	307.6	366.3	365.8	525.3	652.6	801.0	878.8

(1) See footnote (1) to Table 10.5

Source: Monetary Authority of Singapore

10.7 CLASSIFICATION OF LOANS AND ADVANCES OF COMMERCIAL BANKS
(At end December)

Thousand Dollars

	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Loans and Advances to Banks	48,420	47,520	37,705	119,585	126,153	169,525	227,170	338,239	383,421	469,147
Loans and Advances to Customers other than Banks	731,128	791,869	876,766	913,913	1,026,350	1,105,626	1,351,467	1,727,145	2,167,681	2,614,993
Singapore Government and Other Public Authorities ..	-	437	733	494	2,659	924	-	32	489	-
Agriculture ..	38,978	16,314	23,830	11,074	21,823	13,490	14,775	16,373	25,086	23,852
Mining and Quarrying	10,763	5,932	5,336	5,575	8,221	7,924	10,961	11,896	16,235	14,397
Manufacturing ..	93,463	83,548	118,352	157,184	183,239	236,530	359,930	447,503	738,534	822,377
Construction ..	19,192	47,169	59,441	80,292	98,957	49,575	41,119	48,083	49,669	53,969
General Commerce	377,148	425,851	423,349	439,271	467,599	493,539	518,643	629,695	678,559	818,470
Others	191,584	212,618	245,725	220,023	243,852	303,644	406,039	573,563	659,109	881,928

Source: Monetary Authority of Singapore

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

Thousand Dollars

				1965	1966	1967	1968	1969	1970
Policies in Force: (at end December)									
Amount insured	..	..	..	369,611	385,426	433,469	476,037	527,181	627,798
Premiums	..	..	..	18,682	19,625	21,723	23,505	25,488	28,898
New Policies:									
Amount insured	..	..	..	102,447	84,795	85,947	90,823	108,759	155,424
Premiums	..	..	..	4,547	3,880	3,845	4,191	4,671	5,980
Policies Discontinued:									
Amount insured	..	..	..	45,188	49,910	37,904	48,255	57,615	54,807
Premiums	..	..	..	2,134	2,171	1,746	2,409	2,689	2,570

Source: Commissioner for Insurance

10.9 LIFE INSURANCE: SUMMARY OF REVENUE AND EXPENDITURE ACCOUNT

Thousand Dollars

	1965	1966	1967	1968	1969	1970
Revenue: Total	100,551	110,294	122,585	137,238	154,489	171,233
Balance of Revenue Account at beginning of year	74,782	82,384	89,572	104,061	117,924	129,617
Premiums	19,636	21,002	21,676	23,114	25,949	29,410
Net interest etc.	5,424	6,605	7,673	8,309	8,488	9,598
Miscellaneous	709	303	3,664	1,754	2,128	2,608
Expenditure: Total	100,551	110,294	122,585	137,238	154,489	171,233
Claims (by death, disability and by maturity)	3,604	4,074	5,023	5,225	6,009	6,379
Surrenders	2,824	2,798	3,259	3,109	3,607	4,005
Cash bonuses paid and annuities	955	1,063	1,041	1,288	1,681	1,626
Management expensurs:						
Commission	3,551	3,521	3,346	3,492	4,088	4,976
Salaries	1,497	1,756	1,590	1,674	1,767	1,846
Other expenses	2,309	2,493	2,132	2,482	2,629	2,892
Miscellaneous	1,980	5,017	2,133	2,044	5,091	1,677
Balance of Revenue Account at end of year	83,831	89,572	104,061	117,924	129,617	147,832

Source: Commissioner for Insurance

10.10 ASSETS OF LIFE INSURANCE COMPANIES

(At end December)

Thousand Dollars

	1965	1966	1967	1968	1969	1970
Total	96,175	103,083	115,896	133,134	144,972	164,532
Fixed Assets:	14,156	11,722	11,460	12,439	12,599	14,121
Property	13,772	11,240	11,050	12,096	12,285	13,794
Furniture	384	482	410	343	314	327
Loans:	24,249	24,796	25,846	26,795	27,270	29,754
On Mortgages	13,940	14,295	14,338	14,353	14,024	15,120
On Policies	9,967	9,912	10,904	11,946	13,029	14,416
Other	342	589	604	496	217	218
Investments:	47,079	51,471	64,837	75,385	87,037	95,229
Government and Statutory Authorities	21,279	19,645	25,603	37,516	48,542	51,378
Debentures and Shares	25,800	31,826	39,234	37,869	38,495	43,851
Cash and Deposits	6,272	11,681	9,769	14,274	12,837	18,892
Miscellaneous (including outstanding premiums)	4,419	3,413	3,984	4,241	5,229	6,536

Source: Commissioner for Insurance

10.11 GENERAL INSURANCE: PREMIUMS AND CLAIMS

Thousand Dollars

			1965	1966	1967	1968	1969	1970
Net Premiums ⁽¹⁾ : Total	..	..	35,941	37,145	41,257	47,331	56,433	67,953
Marine, Aviation or Transit	..	..	6,716	7,523	8,535	9,714	12,126	14,345
Other:	..	..	29,225	29,622	32,722	37,617	44,307	53,608
Fire	...	..	5,803	6,022	6,621	7,683	8,870	10,743
Motor Vehicles	..	..	15,882	15,408	17,359	19,718	22,637	25,982
Miscellaneous	..	..	7,540	8,192	8,742	10,216	12,800	16,883
Net Claims ⁽²⁾ : Total	..	..	15,067	15,411	16,843	17,087	19,233	23,432
Marine, Aviation or Transit	..	..	3,255	3,631	4,418	4,561	5,024	6,128
Other:	..	..	11,812	11,780	12,425	12,526	14,209	17,304
Fire	..	..	1,462	667	1,001	985	757	1,385
Motor Vehicles	..	..	8,091	8,816	8,825	9,228	10,386	11,884
Miscellaneous	..	..	2,259	2,297	2,599	2,313	3,066	4,035

(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 Dollars

	1965	1966	1967	1968	1969	1970
Revenue: Total	71,460	76,835	84,602	95,580	113,327	137,356
Balance of Revenue Account at beginning of year	-650	4,069	5,674	6,893	7,666	7,702
Reserves at beginning of year	15,199	16,411	17,480	19,272	21,867	26,218
Provision for outstanding claims	12,709	11,945	12,611	14,682	18,190	22,681
Premiums	35,941	37,145	41,256	47,331	56,433	67,953
Net interest etc.	1,873	2,114	2,392	2,581	2,798	3,678
Miscellaneous	6,388	5,151	5,189	4,821	6,373	9,124
Expenditure: Total	71,460	76,835	84,602	95,580	113,327	137,356
Claims (paid, admitted or intimated and not paid)	27,338	27,944	31,574	35,230	41,914	51,620
Management expenses:						
Commission	10,047	10,021	11,590	13,075	15,389	18,320
Other expenses	9,719	9,793	10,613	11,639	12,982	15,537
Miscellaneous	3,659	6,002	4,487	6,750	9,123	10,296
Balance of Revenue Account at end of year	3,957	5,582	6,947	7,123	7,702	10,436
Reserves at end of year	16,740	17,493	19,391	21,763	26,217	31,147

Source: Commissioner for Insurance

10.13 ASSETS OF GENERAL INSURANCE COMPANIES

(At end December)

Thousand Dollars

	1965	1966	1967	1968	1969	1970
Total	54,446	53,146	59,157	65,724	74,944	89,962
Fixed Assets	13,454	13,276	13,161	13,404	13,454	15,402
Property Furniture {						
Loans	2,885	2,637	3,053	2,740	1,570	2,504
On Mortgages {						
On Policies {						
Other {						
Investments	14,511	13,645	16,446	22,836	26,606	29,633
Government and Statutory Authorities	6,365	8,122	8,205	13,097	14,972	16,524
Debentures and Shares	8,146	5,523	8,241	9,739	11,634	13,109
Cash and Deposits	13,167	16,014	18,299	18,840	24,068	31,165
Miscellaneous	10,429	7,574	8,198	7,904	9,246	11,258

Source: Commissioner for Insurance

10.14 POST OFFICE SAVINGS BANK: DEPOSITS AND WITHDRAWALS

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Number of Depositors ⁽¹⁾	218,033	227,733	235,469	241,667	247,082	252,033	260,392	278,549	447,445	508,933	554,775
Amount Deposited (\$'000)	20,082.2	21,515.2	21,648.7	18,004.7	17,586.7	19,856.1	18,521.9	22,869.6	38,167.0	45,064.9	57,778.9
Amount Withdrawn (\$'000)	21,930.8	22,116.4	22,458.3	21,559.9	20,521.6	19,438.9	19,217.5	19,223.9	25,171.0	32,569.4	42,342.5
Total Amount Due to Members (\$'000) ⁽¹⁾	42,697.4	43,097.6	43,315.6	40,745.6	38,820.2	37,419.5	37,778.7	42,838.4	57,712.4	72,661.1	91,241.8

(1) At end December

Source: Post Office Savings Bank

10.15 CENTRAL PROVIDENT FUND BOARD: DEPOSITS AND WITHDRAWALS

Thousand Dollars

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Amount Deposited	32,581.8	35,505.2	37,697.5	42,458.5	45,897.0	45,549.6	53,989.0	67,430.5	105,991.1	155,732.3	223,247.0
Amount Withdrawn	4,388.4	5,207.4	5,767.9	7,515.6	9,177.1	10,911.3	14,536.6	29,976.2	41,681.5	44,943.6	55,385.7
Total Amount Due to Members ⁽¹⁾	181,032.3	215,773.7	258,435.1	306,631.4	359,024.7	415,965.8	477,315.5	539,442.6	632,160.3	777,489.2	987,881.3

(1) At end 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

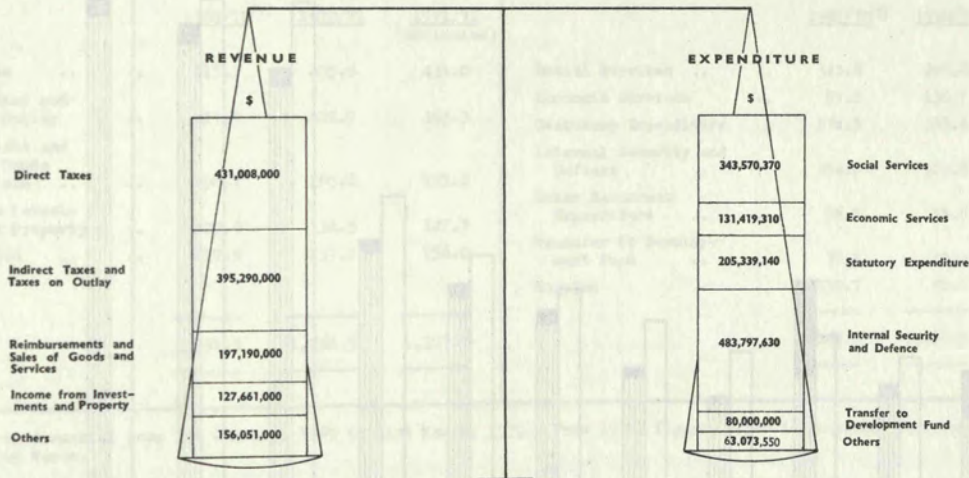
The Development Fund was established in 1960 and receipts from revenue allocation for development, loans and grants, and other sources available for development financing are credited to this account. All payments for development expenditure by the Government and of loans to statutory authorities to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

Statutory Board Revenue and Expenditure

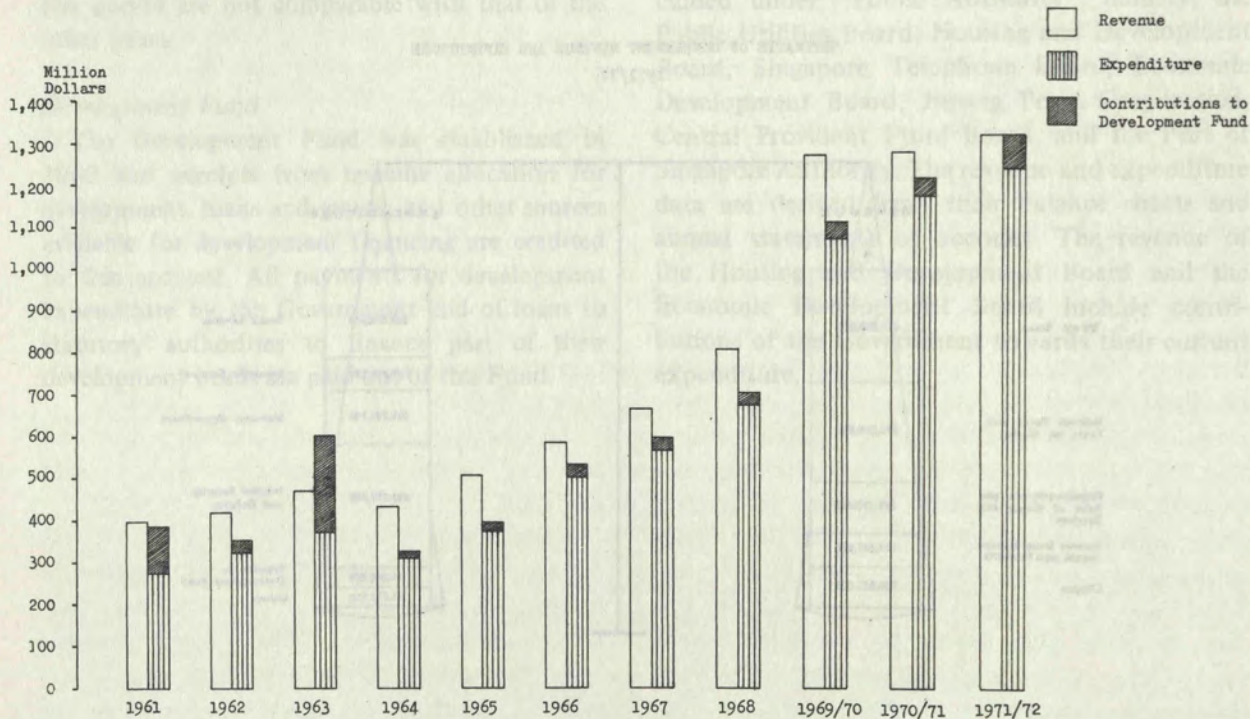
There are seven statutory boards that are included under "Public Authority", namely, the Public Utilities Board, Housing and Development Board, Singapore Telephone Board, Economic Development Board, Jurong Town Corporation, Central Provident Fund Board, and the Port of Singapore Authority. The revenue 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 AND EXPENDITURE

1971/72



GOVERNMENT REVENUE AND EXPENDITURE



11.1 GOVERNMENT REVENUE AND EXPENDITURE

Million Dollars

<u>Revenue</u>					<u>Expenditure</u>				
		<u>1969/70⁽¹⁾</u>	<u>1970/71</u>	<u>1971/72</u> (Estimated)			<u>1969/70⁽¹⁾</u>	<u>1970/71</u>	<u>1971/72</u> (Estimated)
Direct Taxes ..	..	415.2	405.6	431.0	Social Services ..	..	341.8	295.8	343.6
Indirect Taxes and Taxes on Outlay ..	..	417.9	402.9	395.3	Economic Services ..	..	97.0	130.7	131.4
Reimbursements and Sales of Goods and Services ..	..	198.7	185.8	197.2	Statutory Expenditure ..	..	274.5	358.6	205.3
Income from Invest- ments and Property ..	..	109.8	134.5	127.7	Internal Security and Defence ..	..	294.6	323.8	483.8
Other Revenue ..	..	119.6	137.7	156.0	Other Recurrent Expenditure ..	..	56.1	57.6	62.7
					Transfer to Develop- ment Fund ..	..	37.5	40.0	80.0
					Surplus ..	..	159.7	60.0	0.4
		<u>1,261.2</u>	<u>1,266.5</u>	<u>1,307.2</u>			<u>1,261.2</u>	<u>1,266.5</u>	<u>1,307.2</u>

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

11.2 GOVERNMENT REVENUE BY SOURCE

Million Dollars

	1961	1962	1963	1964	1965	1966	1967	1968	1969/70	1970/71	1971/72 (Estimated)
Total	397.4 ⁽¹⁾	418.8	469.6	432.9	507.6	585.2	663.0	803.0	1,261.2	1,266.5	1,307.2
Taxes on income ..	82.0	88.5	86.1	96.8	110.2	110.5	122.9	157.6	236.5	261.7	280.0
Taxes on production and expenditure ..	182.9	199.8	209.7	232.3	257.8	307.3	319.3	361.4	583.8	535.7	539.8
Other compulsory transfer payments	12.0	12.6	43.4	6.5	14.7	20.1	28.4	36.0	70.3	91.3	105.4
Sales of goods and services	56.1	68.2	71.9	73.9	80.3	94.0	126.3	150.7	238.5	225.2	250.6
Reimbursements for services and sales of land ..	4.2	4.7	16.4	4.9	19.0	20.4	16.3	16.8	39.8	34.7	23.4
Interest and divi- dends received ..	31.1	30.2	34.3	13.7	14.9	26.1	38.9	73.3	84.5	110.7	101.0
Financial claims ..	17.2	14.1	3.8	3.6	8.3	4.6	6.6	4.7	5.8	4.7	5.7
Overpayment and refunds	1.2	0.7	4.0	1.2	2.4	2.2	4.3	2.5	2.0	2.5	1.3

Notes: See footnote to Table 11.1

(1) Total Revenue for 1961 include Revenue of Rural Board of \$10.7 million for which a breakdown by source was not available.

11.3 GOVERNMENT EXPENDITURE BY TYPE OF SERVICES

Million Dollars

Type of Service	1961	1962	1963	1964	1965	1966	1967	1968	1969/70	1970/71	1971/72 (Estimated)
Total	384.7	351.8	600.8	325.8	391.8	530.3	592.1	702.0	1,101.5	1,206.5	1,306.8
General Services:											
General Administration ..	27.7	30.2	40.0	33.3	34.9	71.2	87.7	65.3	66.5	89.3	73.4
Defence, Justice and Police ..	36.9	41.4	46.5	1.0	19.7	74.4	86.2	123.5	305.4	333.3	495.2
Social Services:											
Education ..	68.2	83.2	96.3	104.6	115.1	126.4	137.7	149.8	202.0	177.6	195.8
Health ..	51.1	58.1	62.7	64.3	68.0	69.9	73.0	74.7	97.7	82.8	93.6
Social Security, Specific Welfare and other Social Services ..	18.7	23.6	32.0	35.7	30.7	33.7	33.8	27.1	34.5	35.6	36.8
Economic Services:											
Agriculture, Manufacturing and Construction ..	6.8	4.1	4.4	4.2	4.4	4.7	5.2	5.4	8.2	14.3	28.6
Transport, Storage and Communication	21.1	21.1	22.2	1.7	12.1	28.9	31.4	32.3	43.9	39.2	53.1
Other Economic Services ..	9.4	9.9	9.5	8.1	8.7	8.9	9.2	11.3	12.7	18.4	22.9
Community Services	7.1	14.4	14.0	12.7	14.0	15.9	16.4	16.8	20.8	15.6	17.5
Unallocable ..	137.7	65.8	273.2	60.2	84.2	96.3	111.5	195.8	309.8	400.4	289.9

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 with other years.

See footnote to Table 11.1

11.4 DEVELOPMENT FUND: RECEIPTS AND EXPENDITURE

Million Dollars

Year	Balance (Beginning of Financial Year)	Receipts				Expenditure			
		Total	From Con- solidated Revenue Account	From Con- solidated Loan Account	Other	Total	Government Development Expenditure	Loans to Statutory Boards and Enterprises	Other
1961	87.4	139.8	110.0	24.2	5.6	106.7	32.0	74.2	0.5
1962	121.0	141.2	30.0	98.8	12.4	120.7	38.9	81.6	0.2
1963	141.7	310.3	230.0	64.5	15.8	139.4	58.7	79.3	1.4
1964	312.6	102.4	16.0	57.2	29.2	168.0	57.6	108.4	2.0
1965	247.0	117.1	20.0	64.5	32.6	184.4	68.3	114.0	2.1
1966	179.7	175.7	30.0	99.3	46.4	214.4	115.3	98.7	0.4
1967	141.0	207.3	30.0	120.0	57.3	211.9	119.8	68.8	23.3
1968	136.4	376.9	30.1	218.2	128.6	226.4	131.5	94.2	0.7
1969/70	286.9	416.7	37.5	241.8	137.4	332.8	154.6	178.1	0.1
1970/71	370.8	543.6	40.0	372.2	131.4	380.5	149.1	226.8	4.6
1971/72	533.9	330.0	80.0	93.1	156.9	595.0	232.0	363.0	-

Notes: See footnote to Table 11.1

Source: Accountant-General

11.5 REVENUE COLLECTED BY CUSTOMS AND EXCISE DEPARTMENT

Thousand Dollars

Year	Total	Liquors	Tobacco	Petroleum	Entertainment Duties	Protective Duties	Film Hire Duty	Others
1961	115,760	26,636	41,855	37,162	7,242	174	1,263	1,428
1962	122,696	27,720	46,316	37,885	7,742	490	1,308	1,235
1963	126,529	31,093	45,310	38,901	7,614	679	1,432	1,500
1964	131,477	33,671	45,407	41,718	6,713	656	1,289	2,023
1965	165,858	37,661	47,076	53,200	7,424	4,116	1,285	15,096
1966	186,408	40,536	46,846	55,730	8,448	16,923	1,461	16,464
1967	187,723	43,518	47,153	53,134	8,559	17,255	1,503	16,601
1968	213,695	51,398	58,259	57,195	9,188	20,579	1,644	15,432
1969	239,385	50,146	62,390	64,269	9,583	34,899	1,736	16,362
1970	282,978	60,020	69,753	74,144	10,585	47,835	1,982	18,659
1971	302,882	65,478	67,857	82,306	11,388	54,528	2,117	19,208

Source: Customs and Excise Department

11.6 REVENUE COLLECTED BY INLAND REVENUE DEPARTMENT

Thousand Dollars

Year	Total	Income Tax	Property Tax	Estate Duties	Stamp Duties	Payroll Tax	Bets, Sweepstakes and Private Lotteries	Radio and Television Fees	Others ⁽²⁾
1961	139,052	83,205	41,462	3,293	3,996	-	5,269	1,542	285
1962	153,207	89,517	46,715	5,078	4,122	-	5,861	1,611	303
1963	159,226	87,972	49,229	6,962	6,760	-	5,884	2,112	347
1964	175,855	93,111	61,915	5,040	7,060	-	5,681	2,707	341
1965	186,827	100,230	55,441	7,784	6,310	7,333	5,709	3,609	411
1966	217,979	112,848	73,084	5,010	6,414	9,568	6,265	4,449	341
1967	244,775	128,558	78,649	7,334	8,358	10,108	6,463	4,999	306
1968	283,639	152,814	88,284	8,364	10,472	11,128	6,454	5,594	529
1969	357,252	198,722	103,737	8,506	17,380	13,351	7,782	6,199	1,575
1970	428,210	251,083	108,985	9,439	22,843	16,946	9,077	7,099	2,738
1971	544,429	317,449 ⁽¹⁾	138,352	11,257	29,128	21,770	11,203	7,653	7,617

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

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

Source: Inland Revenue Department

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

Assessed Income Groups \$	Number of Taxpayers		Assessed Income \$'000		Tax Assessed \$'000	
	Resident	Non-Resident	Resident	Non-Resident	Resident	Non-Resident
Total	100,751	4,998	917,686	19,534	78,397	6,652
6,000 and below	46,790	4,198	195,025	6,551	2,884	2,269
6,001 - 8,000	19,474	246	135,563	1,703	2,895	535
8,001 - 10,000	11,093	154	98,931	1,371	3,196	458
10,001 - 15,000	12,050	181	144,560	2,179	7,315	659
15,001 - 20,000	4,397	76	75,585	1,327	6,073	409
20,001 - 30,000	3,642	71	87,990	1,704	10,140	562
30,001 - 50,000	2,246	39	84,767	1,516	14,315	533
50,001 - 100,000	859	24	55,701	1,628	14,789	608
100,001 - 200,000	155	8	20,795	947	8,088	376
200,001 and over	45	1	18,769	608	8,702	243

Notes: Figures refer to assessments made during the period 1.1.69 to 31.12.70 (24 months).

Source: Inland Revenue Department

11.8 ASSESSED INCOME AND TAX ASSESSED: INDIVIDUALS
(Year of Assessment 1970)

Assessed Income Groups \$	Number of Taxpayers		Assessed Income \$'000		Tax Assessed \$'000	
	Resident	Non-Resident	Resident	Non-Resident	Resident	Non-Resident
Total	100,312	4,184	947,239	16,071	80,986	5,720
6,000 and below	44,787	3,497	191,187	5,708	2,883	2,073
6,001 - 8,000	19,185	223	134,211	1,546	2,877	530
8,001 - 10,000	11,207	141	100,306	1,265	3,160	416
10,001 - 15,000	12,789	148	153,392	1,774	7,668	621
15,001 - 20,000	4,767	56	81,886	966	6,433	326
20,001 - 30,000	3,968	61	95,807	1,502	10,926	532
30,001 - 50,000	2,411	29	90,578	1,069	15,080	408
50,001 - 100,000	991	25	65,013	1,731	17,394	610
100,001 - 200,000	165	4	21,851	510	8,494	204
200,001 and over	42	-	13,008	-	6,071	-

Notes: Figures refer to assessments made during the period 1.1.70 to 31.3.71 (15 months).

Source: Inland Revenue Department

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

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, etc. and fortnightly for other food items such as rice, flour, sugar, beverages, etc. from shops in seven postal districts. Prices for

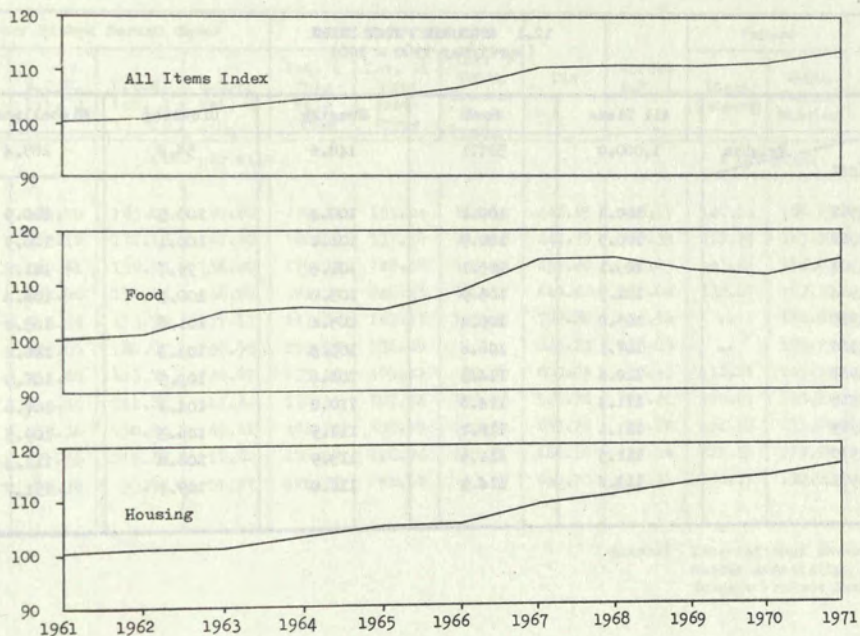
items of clothing and some miscellaneous items are collected monthly, while for items which have only minor variations in prices over a short period, only half-yearly and yearly checks are made.

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

Wholesale Prices

Wholesale prices of rubber are supplied weekly by the Rubber Association of Singapore. For other Straits produce, weekly prices were, prior to 1971, obtained from the Singapore International Chamber of Commerce and since then from the Singapore Chinese Produce Exchange. The annual prices are derived from simple averages of weekly prices.

CONSUMER PRICE INDEX
(April/May 1960 = 100)



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

	All Items	Food	Housing	Clothing	Miscellaneous
Weights	1,000.0	507.1	148.6	58.9	285.4
Year					
1961	100.4	100.2	100.4	100.5	100.9
1962	100.9	100.9	101.1	100.1	100.9
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
1971	113.6	114.3	116.0	109.7	111.7

12.2 WHOLESALE PRICES OF STRAITS PRODUCE

Year	Rubber Ribbed Smoked Sheet				Rubber Crepe			Tin	Coffee A.P. 1	Pepper		Coconut Oil, Crude in Drums	Palm Oil
	R.S.S. Int. 1	R.S.S. Int. 2	R.S.S. Int. 3	R.S.S. Int. 4	Int. 1 Thin Pale Crepe	Int. IX Thin Brown Crepe	Int. 3 Thick Blanket Crepe (Amber)			Black Lampong	White Muntok Genuine		
	Cts. per kilo									\$ per picul			
1961	184.04	185.10	183.05	180.80	199.32	157.04	156.55	446.85	56.07	141.14	195.65	41.22	37.88
1962	172.49	174.12	172.18	168.90	180.98	157.12	156.08	447.79	68.39	122.75	163.09	42.05	35.30
1963	159.66	160.61	158.95	156.40	179.72	146.37	144.42	455.40	91.23	113.81	152.87	48.39	35.10
1964	150.18	151.90	150.64	148.92	161.00	140.43	139.77	619.42	137.04	132.07	152.32	54.29	38.79
1965	154.61	154.94	153.73	151.17	147.88	162.27	125.35	702.80	99.52	..	184.67	61.74	44.88
1966	144.51	142.86	140.87	138.93	153.99	136.49	..	645.23	113.03	..	195.72	48.23	38.21
1967	119.42	116.60	113.76	110.87	125.68	105.12	90.68	600.09	103.43	112.21	145.44	50.87	37.14
1968	116.93	114.46	112.83	111.42	136.91	107.94	103.26	565.54	101.41	109.05	123.91	57.83	26.60
1969	153.62	152.38	150.84	149.21	167.24	139.99	136.20	625.76	95.92	151.59	155.06	52.54	26.28
1970	124.69	121.76	119.60	117.62	138.67	116.98	115.21	665.10	112.54	221.19	179.95	59.02	38.66
1971	102.22	95.39	93.36	91.97	126.72	91.57	93.09	630.70	117.31	186.45	190.20	55.01	39.49

Source: International Chamber of Commerce
Rubber Association of Singapore
Chinese Produce Exchange

12.3 AVERAGE RETAIL PRICES OF SELECTED FOODSTUFFS

Dollars

Year	Rice and Cereals				Meat and Poultry				Milk, Eggs and Oils			Fish	
	Siam Polished Rice 100%	Wheat Flour	Bread	Vermi- celli (Bee Hoon)	Mutton (Fresh)	Pork, Lean and Fat	Beef (Fresh)	Hen	Con- densed Milk	Fowl's Eggs	Cooking Oil	Spanish Mackerel	Golden Banded Scad
	per kati	2 katis	lb. loaf	kt. pkt.	per lb.	per kati			14 oz. tin	per 10	5 kt. tin	per kati	
1961	.32	.45	.26	.36	1.33	1.80	2.09	1.99	.55	1.08	3.50	1.23	.67
1962	.35	.45	.26	.37	1.36	1.80	2.09	1.90	.55	1.06	3.50	1.20	.69
1963	.35	.46	.26	.36	1.39	1.91	2.08	1.88	.59	1.02	3.51	1.28	.68
1964	.34	.47	.26	.36	1.41	1.99	2.09	1.84	.63	1.04	3.51	1.31	.65
1965	.34	.49	.26	.37	1.45	1.97	2.15	1.79	.65	1.01	3.56	1.33	.61
1966	.37	.47	.26	.41	1.42	1.98	2.36	1.85	.65	1.10	3.57	1.34	.60
1967	.47	.47	.27	.47	1.46	1.99	2.37	1.80	.64	.98	3.57	1.33	.59
1968	.47	.47	.27	.50	1.47	2.21	2.39	1.71	.62	.98	3.57	1.30	.48
1969	.42	.47	.27	.47	1.45	2.04	2.34	1.60	.55	.92	3.61	1.41	.54
1970	.38	.47	.27	.48	1.45	2.00	2.41	1.63	.50	.94	3.63	1.44	.64
1971	.34	.49	.30	.48	1.46	2.17	2.49	1.61	.55	.98	3.96	1.59	.65

12.3 AVERAGE RETAIL PRICES OF SELECTED FOODSTUFFS (continued)

Dollars

Year	Fish		Vegetables				Fruits				Miscellaneous		
	Dorab	Dried Prawns	Cabbage	Spinach	Red Chillies	Cucumber	Apple	Orange	Pine-apple	Bananas	Sugar	Coffee Powder	Ceylon Tea
	per kati						each			per kati	2 katis	per kati	$\frac{1}{2}$ lb. pkt.
1961	1.40	2.65	.29	.20	.91	.25	.20	.20	.29	.30	.41	1.97	1.49
1962	1.36	2.55	.28	.21	.99	.25	.20	.19	.30	.30	.37	1.97	1.49
1963	1.48	2.50	.32	.21	.87	.26	.20	.20	.36	.30	.83	1.98	1.50
1964	1.51	2.56	.49	.23	.95	.26	.20	.20	.34	.29	.74	2.24	1.50
1965	1.52	2.51	.41	.22	.84	.26	.20	.20	.33	.28	.64	2.22	1.50
1966	1.54	2.53	.44	.22	1.03	.27	.21	.20	.40	.29	.60	2.24	1.50
1967	1.58	2.64	.42	.23	.88	.26	.20	.20	.39	.29	.62	2.21	1.51
1968	1.43	2.54	.36	.24	1.03	.26	.21	.20	.39	.30	.65	2.21	1.51
1969	1.72	2.53	.38	.23	1.00	.27	.21	.20	.39	.29	.64	2.21	1.50
1970	1.81	2.59	.36	.23	.96	.26	.20	.19	.38	.28	.67	2.21	1.50
1971	2.02	2.76	.35	.23	.89	.26	.20	.19	.38	.29	.79	2.21	1.52

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 markups 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 estimates 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

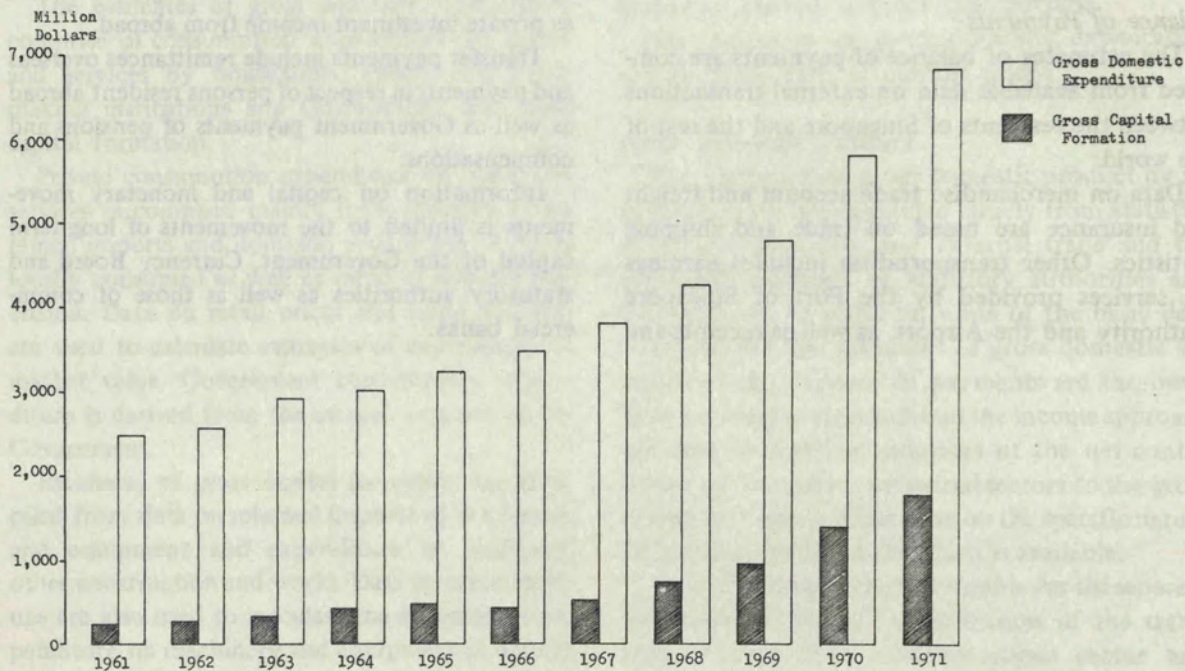
payments on passenger fares. Receipts on other services are mainly accounted for by expenditure by foreign-based armed forces in Singapore as well as private investment income from abroad.

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



13.1 ESTIMATES OF GROSS DOMESTIC EXPENDITURE
(At Current Prices)

Million Dollars

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971*
Private consumption expenditure	2,017.6	2,068.0	2,301.9	2,290.3	2,444.2	2,639.1	2,882.9	3,057.4	3,264.0	3,703.5	4,080.9
Government consumption expenditure	214.8	241.5	277.0	289.8	314.5	347.4	386.3	444.2	542.0	680.2	919.1
Gross domestic fixed capital formation	235.1	262.1	327.3	421.0	475.8	473.3	518.3	735.9	954.0	1,375.7	1,759.3
Gross domestic expenditure at market prices	2,467.5	2,571.6	2,906.2	3,001.1	3,234.5	3,459.8	3,787.5	4,237.5	4,760.0	5,759.4	6,759.3
<u>Less</u> Indirect taxes	124.2	129.8	135.6	145.9	169.7	204.8	208.8	238.9	285.5	344.4	367.2
Gross domestic expenditure at factor cost	2,343.3	2,441.8	2,770.6	2,855.2	3,064.8	3,255.0	3,578.7	3,998.6	4,474.5	5,415.0	6,392.1
Per Capita Gross Domestic Expenditure at factor cost (\$)	1,389	1,409	1,561	1,550	1,624	1,683	1,810	1,987	2,191	2,610	3,029

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

Million Dollars											
	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971*
A. Private Consumption Expenditure on Goods:	1,324.4	1,356.3	1,554.9	1,508.2	1,613.3	1,755.0	1,943.6	2,047.4	2,149.0	2,435.0	2,675.6
Food	638.0	651.6	702.1	687.2	734.5	786.4	850.5	861.4	880.7	975.2	1,036.9
Beverage	74.3	77.1	88.2	94.8	107.5	117.7	126.6	144.8	146.3	173.4	192.3
Tobacco	84.7	86.7	88.7	94.1	97.3	102.5	114.4	122.7	128.1	140.8	139.8
Clothing and other personal effects	266.5	251.4	327.2	311.8	325.6	357.4	398.8	464.5	480.2	551.4	644.7
Furniture, furnishings and durable household equipment	118.2	136.5	174.8	153.9	170.4	193.0	213.5	222.3	245.9	290.8	330.9
Non-durable household goods	44.7	42.9	45.3	46.6	41.9	43.5	46.9	53.2	53.3	59.3	61.3
Recreational goods ..	44.0	55.2	65.8	61.7	73.2	85.2	105.1	100.4	119.2	141.3	155.5
Other goods	54.0	54.9	62.8	58.1	62.9	69.3	87.8	78.1	95.3	102.8	114.2
B. Private Consumption Expenditure on Services:	613.2	631.7	667.0	702.1	750.9	804.1	859.3	930.0	1,035.0	1,188.5	1,325.3
Housing	146.4	151.6	158.3	170.1	183.1	199.5	220.5	239.0	265.2	292.1	333.4
Transport and communication	207.9	216.8	235.1	246.9	266.7	288.6	306.9	344.6	404.9	495.2	557.0
Other services	258.9	263.3	273.6	285.1	301.1	316.0	331.9	346.4	364.9	401.2	434.9

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

13.3 ESTIMATES OF GROSS DOMESTIC FIXED CAPITAL FORMATION BY TYPE OF ASSETS
(At Current Prices)

	Million Dollars										
	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971*
Machinery and equipment:	88.0	101.9	128.4	183.9	186.1	204.2	208.7	283.6	429.8	675.0	791.9
Machinery other than electric ..	42.7	47.0	55.7	83.8	80.7	106.4	119.4	168.2	280.1	439.8	494.4
Electric machinery	30.1	41.4	54.7	80.0	84.0	74.4	65.4	77.8	97.4	129.7	189.7
Miscellaneous	15.2	13.5	18.0	20.1	21.4	23.4	23.9	37.6	52.3	105.5	107.8
Transport equipment	22.0	26.4	19.2	21.6	31.8	20.7	23.4	106.4	123.7	115.2	283.4
Building, other construction and works:	125.1	133.8	179.7	215.5	257.9	248.4	286.2	345.9	400.5	585.5	684.0
Dwellings	55.2	68.8	82.5	87.1	96.2	109.7	126.7	135.5	140.8	180.8	239.7
Non-residential buildings ..	43.3	24.2	48.8	56.8	66.3	56.1	81.3	108.1	135.6	234.5	287.9
Other construction and works ..	26.6	40.8	48.4	71.6	95.4	82.6	78.2	102.3	124.1	170.2	156.4
Gross Domestic Fixed Capital Formation	235.1	262.1	327.3	421.0	475.8	473.3	518.3	735.9	954.0	1,375.7	1,759.3
Public Sector	99.5	125.7	165.7	214.7	216.0	239.6	224.9	300.9	288.5	367.3	455.0
Private Sector	135.6	136.4	161.6	206.3	259.8	233.7	293.4	435.0	665.5	1,008.4	1,304.3

13.4 ESTIMATES OF GROSS DOMESTIC PRODUCT BY INDUSTRIAL ORIGIN

Million Dollars

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971*
Agriculture and fishing ..	135.0	138.0	146.8	142.0	139.6	152.8	146.0	148.2	154.2	171.2	188.3
Manufacturing and quarrying ..	218.3	246.8	294.8	330.5	414.3	486.8	616.5	716.0	897.2	1,143.8	1,490.9
Construction	66.0	71.0	94.7	113.9	130.6	128.7	150.1	179.8	205.5	302.2	352.5
Electricity, gas and water services	47.2	53.0	52.8	59.2	54.0	73.3	92.7	108.8	119.5	138.3	157.3
Entrepot and domestic trade:	703.9	717.8	859.4	708.1	772.0	878.7	998.5	1,308.6	1,547.9	1,742.9	1,909.6
a. Entrepot trade	388.9	378.8	441.1	286.2	305.6	349.0	408.5	538.7	666.1	683.1	703.6
b. Domestic trade	315.0	339.0	418.3	421.9	466.4	529.7	590.0	769.9	881.8	1,059.8	1,206.0
Ownership of dwellings	101.0	104.0	110.4	118.1	128.7	141.5	152.5	167.2	184.6	204.1	240.6
Government services	144.0	164.0	189.0	191.0	214.3	246.4	264.9	300.3	321.0	390.0	452.0
Other services	824.4	876.8	935.9	1,037.5	1,189.9	1,257.0	1,270.9	1,328.1	1,402.8	1,582.6	1,680.0
Gross Domestic Product at Factor Cost	2,239.8	2,371.4	2,683.8	2,700.3	3,043.4	3,365.2	3,692.1	4,257.0	4,832.7	5,675.1	6,471.2

Notes: Figures for 1969 have been revised based on latest available data in respect of the construction industry.

13.5 ESTIMATES OF BALANCE OF PAYMENTS

Million Dollars

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970 (1st Rev.)	1971*
A. Goods and services (net) ..	-249	-176	-300	-93	-101	46	-188	-435	-660	-1,881	-2,635
Merchandise trade (f.o.b.) ..											
Exports	2,750	2,860	3,291	2,601	2,810	3,168	3,239	3,589	4,471	4,428	5,200
Imports	3,358	3,461	3,995	3,252	3,570	3,825	4,149	4,759	5,863	7,047	8,539
Trade balance	-608	-571	-704	-651	-760	-657	-910	-1,170	-1,392	-2,619	-3,339
Services (net)	359	395	404	558	659	705	722	735	732	738	704
Freight and insurance ..	-205	-212	-241	-189	-207	-223	-248	-299	-356	-439	-591
Transportation	221	239	231	221	249	274	346	432	433	504	543
Travel	19	27	44	50	53	72	108	128	196	246	299
Other invisibles and investment income ..	324	341	370	476	564	582	514	474	459	425	453
B. Transfer payments (net) ..	-30	-23	-32	-73	-49	-45	-39	-41	-39	-24	-27
C. Non-monetary capital (net) ..	14	26	41	22	87	51	113	271	170	444	462
Private long-term (net) ..	39	24	16	33	58	94	104	122	145	365	389
Official long-term (net) ..	-25	2	25	-11	29	-43	9	149	25	79	73
Sub-total (A + B + C) ..	-265	-173	-291	-144	-63	54	-114	-205	-529	-1,461	-2,200
D. Net errors and omissions ..	280	364	372	54	31	133	473	753	994	1,922	3,045
E. Over-all payments surplus or deficit (-) (A through D) ..	15	191	81	-90	-32	187	359	548	465	461	845
F. Monetary movements (net)											
(increase -)	-15	-191	-81	90	32	-187	-359	-548	-465	-461	-845
Net IMF accounts	-	-	-	-	-	-23	-	-	-	-	-5
Currency Board's foreign assets	-4	-24	-16	-32	-47	-53	-29	-49	-104	-148	-127
Commercial bank's foreign assets	54	-58	17	78	17	-34	-55	115	-172	103	135
Central government assets ..	-65	-109	-82	44	62	-77	-275	-614	-189	-416	-848

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 - 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. Those over-aged who fail the Primary School Leaving Examination will attend special classes conducted by the Adult Education Board.

Secondary Education

The first level of secondary education is of four years duration. Under the new system intro-

duced in 1969, all pupils follow a common comprehensive curriculum covering both academic and technical subjects during the first two years of secondary education. At the end of the two years, pupils are streamed off as academic, technical or commercial depending on their aptitude, performance and parental choice. Having completed four years of secondary education (i.e. 2 years comprehensive plus 2 years academic, technical or commercial), all pupils sit for the Singapore Cambridge School Certificate Examination jointly conducted by the University of Cambridge and the Ministry of Education. Singapore introduced in 1971. The examination is conducted in English, Chinese, Malay and Tamil and covers all secondary school subjects.

The second level of secondary education or Pre-University education is of two years duration and is available to those students who have done well at the School Certificate examination.

Technical Education

Under the newly reformed system of secondary

education, basic workshop subjects, e.g. wood-work, 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 either taking special courses conducted 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 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 Electronic 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 cater for the educational needs of the adult population as well as for young school leavers. Apart from organising its own courses of a varied and wide nature, it co-operates with other organizations which seek its assistance in the provision of adult education. The Board's major educational programmes are lan-

guage, academic, vocational, technical, cultural and recreational courses. The General Education classes offer almost full school training for examinations up to the School Certificate and Higher School Certificate levels.

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

Year	Total	Primary Schools	Secondary Schools			Technical and Vocational Institutes	Industrial Training Centres	Number
			Total	Academic	Others (1)			Universities and Colleges
1961	378,893	302,070	67,857	66,478	1,379	-	-	8,966
1962	401,064	318,643	72,308	68,931	3,377	-	-	10,113
1963	432,773	335,656	84,425	81,245	3,180	843	-	11,849
1964	461,323	348,167	99,592	91,226	8,366	871	-	12,693
1965	486,811	357,075	114,736	102,861	11,875	1,193	-	13,807
1966	511,527	364,846	132,088	116,956	15,132	1,409	-	13,184
1967	527,859	368,654	144,448	124,701	19,747	1,752	-	13,005
1968	537,257	371,970	150,641	127,866	22,775	2,199	-	12,447
1969	531,704	366,881	147,981	131,455	16,526	2,843	1,286	12,713
1970	527,668	363,518	145,740	136,782	8,958	3,039	1,688	13,683
1971	531,790	357,936	153,522	139,251	14,271	6,063	-	14,269

Notes: Data for 1961-1965 refer to end-September and from 1966 onwards to end-June.

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

Source: Ministry of Education

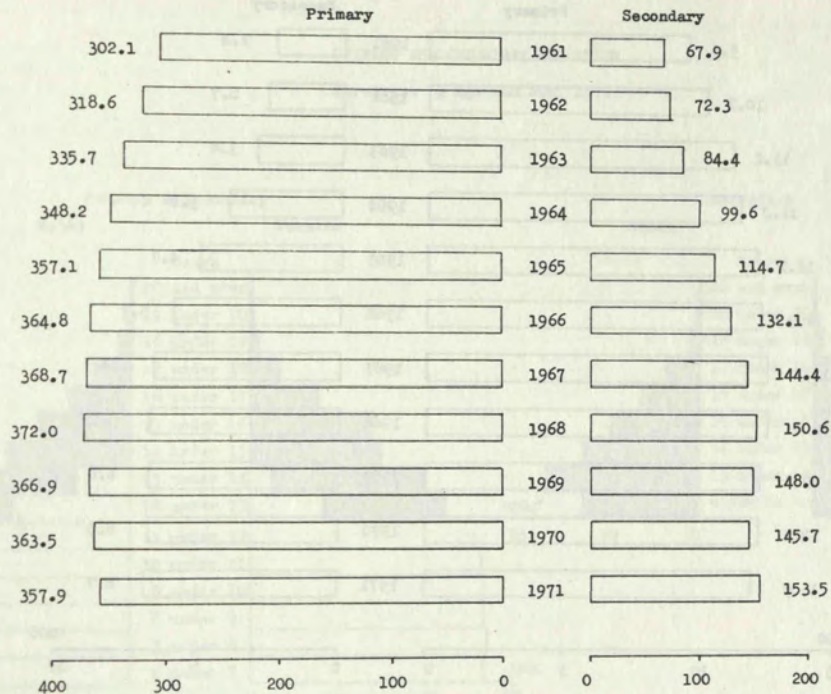
14.2 STUDENTS AND TEACHERS AT EDUCATIONAL INSTITUTIONS, 1971
(At end June)

Level of Education	Number of Schools (1)	Students			Teachers		
		Total	Males	Females	Total	Males	Females
Total	556	531,790	283,880	247,910	20,600	9,377	11,223
Primary	419	357,936	190,079	167,857	11,949	4,055	7,894
Secondary:							
Academic ..	112	139,251	67,319	71,932	5,938	2,995	2,943
Technical ..	9	12,186	10,144	2,042	678	503	175
Commercial ..	1	2,085	804	1,281	69	34	35
Technical and Vocational Institutes	10	6,063	5,654	409	674	644	30
Universities and Colleges ..	5	14,269	9,880	4,389	1,292	1,146	146

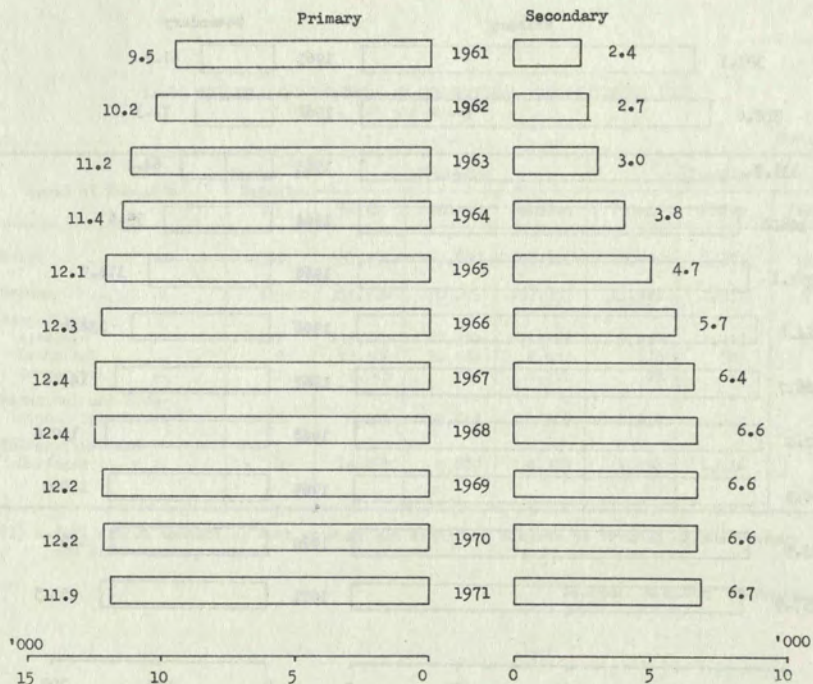
(1) A full school conducting both primary and secondary classes is treated as one primary and one secondary school.

Source: Ministry of Education

NUMBER OF STUDENTS



NUMBER OF TEACHERS



PRIMARY AND SECONDARY EDUCATION

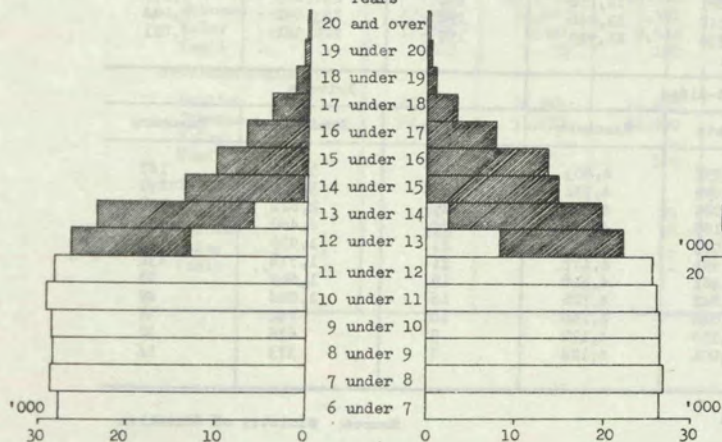
Enrolment by Age and Sex, 1971

Primary & Secondary

Males

Females

Years

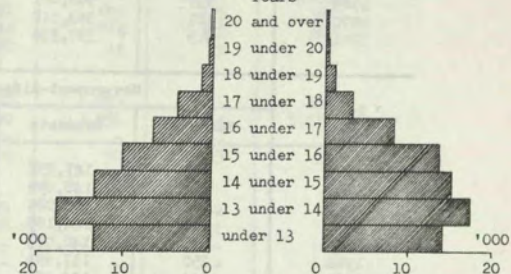


Secondary

Males

Females

Years



14.3 PRIMARY EDUCATION: NUMBER OF SCHOOLS, STUDENTS AND TEACHERS

Number

Year	All Schools			Government		
	Schools	Students	Teachers	Schools	Students	Teachers
1961	470	302,070	9,532	169	151,209	4,782
1962	466	318,643	10,172	173	166,833	5,296
1963	473	335,656	11,180	186	186,749	6,232
1964	469	348,167	11,403	185	201,547	6,493
1965	465	357,075	12,100	192	215,073	7,431
1966	465	364,846	12,348	194	225,377	7,744
1967	460	368,654	12,397	198	232,524	7,936
1968	450	371,970	12,422	199	240,104	8,147
1969	437	366,881	12,156	200	238,089	7,959
1970	427	363,518	12,248	198	233,692	8,044
1971	419	357,936	11,949	197	229,562	7,811

Year	Government-Aided			Private		
	Schools	Students	Teachers	Schools	Students	Teachers
1961	272	147,552	4,603	29	3,309	147
1962	266	148,699	4,731	27	3,111	145
1963	262	146,085	4,840	25	2,822	108
1964	260	144,160	4,803	24	2,460	107
1965	250	140,023	4,552	23	1,979	117
1966	250	137,691	4,472	21	1,778	132
1967	243	134,461	4,418	19	1,669	43
1968	235	130,842	4,226	16	1,024	49
1969	227	128,048	4,160	10	744	37
1970	220	129,150	4,172	9	676	32
1971	215	128,001	4,124	7	373	14

Notes: See notes to Table 14.1

Source: Ministry of Education

14.4 PRIMARY EDUCATION: STUDENTS AND TEACHERS BY TYPE OF SCHOOL, 1971
(At end June)

Type of School	Students			Teachers		
	Total	Males	Females	Total	Males	Females
Total	357,936	190,079	167,857	11,949	4,055	7,894
Government:						
English	193,989	104,734	89,255	6,372	1,821	4,551
Chinese	19,505	10,924	8,581	659	275	384
Malay	15,885	6,341	9,544	764	395	369
Tamil	183	78	105	16	9	7
Government-Aided:						
English	32,952	16,265	16,687	1,023	223	800
Chinese	94,142	51,152	42,990	3,051	1,314	1,737
Malay	-	-	-	-	-	-
Tamil	907	351	556	50	15	35
Private:						
English	249	168	81	10	2	8
Chinese	124	66	58	4	1	3
Malay	-	-	-	-	-	-
Tamil	-	-	-	-	-	-

Source: Ministry of Education

14.5 PRIMARY EDUCATION: ENROLMENT BY LEVEL OF EDUCATION AND AGE, 1971

Males

Age as at 1.1.71	Total	Primary I	Primary II	Primary III	Primary IV	Primary V	Primary VI	Primary VI (Repeat)
Total	190,079	27,902	28,751	29,860	30,130	30,788	29,363	13,285
Under 6	53	53	-	-	-	-	-	-
6 and under 7 ..	27,840	27,776	63	1	-	-	-	-
7 and under 8 ..	28,674	68	28,561	45	-	-	-	-
8 and under 9 ..	28,370	1	104	28,186	79	-	-	-
9 and under 10 ..	28,640	1	17	1,563	26,984	75	-	-
10 and under 11 ..	29,233	2	3	50	2,903	26,164	111	-
11 and under 12 ..	28,307	1	2	11	125	4,194	23,941	33
12 and under 13 ..	12,986	-	-	3	28	289	4,815	7,851
13 and under 14 ..	5,845	-	1	-	4	43	433	5,364
14 and under 15 ..	95	-	-	1	5	13	40	36
15 and under 16 ..	18	-	-	-	2	5	10	1
16 and over ..	18	-	-	-	-	5	13	-

Females

Age as at 1.1.71	Total	Primary I	Primary II	Primary III	Primary IV	Primary V	Primary VI	Primary VI (Repeat)
Total	167,857	26,317	26,868	27,035	27,042	27,302	26,419	6,874
Under 6	49	49	-	-	-	-	-	-
6 and under 7 ..	26,294	26,245	49	-	-	-	-	-
7 and under 8 ..	26,815	19	26,734	62	-	-	-	-
8 and under 9 ..	26,288	1	72	26,175	39	1	-	-
9 and under 10 ..	26,268	2	10	761	25,391	104	-	-
10 and under 11 ..	25,987	-	1	31	1,526	24,364	65	-
11 and under 12 ..	25,389	1	2	1	77	2,665	22,623	20
12 and under 13 ..	8,287	-	-	2	6	144	3,424	4,711
13 and under 14 ..	2,448	-	-	3	2	14	290	2,139
14 and under 15 ..	20	-	-	-	1	8	8	3
15 and under 16 ..	5	-	-	-	-	-	4	1
16 and over ..	7	-	-	-	-	2	5	-

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
1961	92	67,857	2,418	31	34,041	1,166
1962	91	72,308	2,674	32	36,177	1,328
1963	95	84,425	3,038	37	44,163	1,590
1964	102	99,592	3,842	44	58,010	2,299
1965	118	114,736	4,674	57	72,059	3,082
1966	125	132,088	5,694	64	88,179	4,066
1967	132	144,448	6,409	70	100,268	4,741
1968	135	150,641	6,657	78	106,918	4,998
1969	126	147,981	6,588	70	104,885	4,894
1970	123	145,740	6,550	68	103,874	4,847
1971	122	153,522	6,685	68	111,030	4,979

Year	Government-Aided			Private		
	Schools	Students	Teachers	Schools	Students	Teachers
1961	49	31,234	1,148	12	2,582	104
1962	47	32,562	1,223	12	3,569	123
1963	47	36,344	1,320	11	3,918	128
1964	47	38,062	1,422	11	3,520	121
1965	50	39,332	1,461	11	3,345	131
1966	50	41,192	1,506	11	2,717	122
1967	50	41,985	1,554	12	2,195	114
1968	49	41,819	1,589	8	1,904	70
1969	48	40,812	1,596	8	2,284	98
1970	47	39,816	1,618	8	2,050	85
1971	46	40,451	1,623	8	2,041	83

Notes: See notes to Table 14.1

Source: Ministry of Education

14.7 SECONDARY EDUCATION: STUDENTS AND TEACHERS BY TYPE OF SCHOOL, 1971
(At end June)

Type of School	Students			Teachers		
	Total	Males	Females	Total	Males	Females
Total	153,522	78,267	75,255	6,685	3,532	3,153
Government:						
English	77,443	39,429	38,014	3,280	1,662	1,618
Chinese	24,940	14,933	10,007	1,278	788	490
Malay	8,647	3,200	5,447	421	252	169
Tamil	-	-	-	-	-	-
Government-Aided:						
English	19,514	9,312	10,202	764	271	493
Chinese	20,636	10,362	10,274	845	518	327
Malay	-	-	-	-	-	-
Tamil	301	76	225	14	8	6
Private:						
English	1,743	773	970	66	20	46
Chinese	298	182	116	17	13	4
Malay	-	-	-	-	-	-

Source: Ministry of Education

14.8 SECONDARY EDUCATION: ENROLMENT BY LEVEL OF EDUCATION AND AGE, 1971
ACADEMIC SCHOOLS

Males

Age as at 1.1.71	Total	Secondary I	Secondary II	Secondary III	Secondary IV	Pre-University I	Pre-University II
Total	67,319	21,290	19,710	9,884	10,006	3,501	2,928
Under 12	74	73	1	-	-	-	-
12 and under 13 ..	13,445	13,374	71	-	-	-	-
13 and under 14 ..	17,679	5,576	12,065	38	-	-	-
14 and under 15 ..	13,405	2,107	5,398	5,858	42	-	-
15 and under 16 ..	10,216	90	1,933	2,800	5,361	31	1
16 and under 17 ..	6,818	40	152	1,001	3,350	2,241	34
17 and under 18 ..	3,861	21	50	115	1,106	892	1,677
18 and under 19 ..	1,318	4	23	35	107	306	843
19 and under 20 ..	404	3	9	19	25	22	326
20 and under 21 ..	63	-	6	9	8	7	33
21 and under 22 ..	25	1	1	6	5	2	10
22 and over ..	11	1	1	3	2	-	4

Females

Age as at 1.1.71	Total	Secondary I	Secondary II	Secondary III	Secondary IV	Pre-University I	Pre-University II
Total	71,932	19,707	19,108	14,290	13,716	2,753	2,358
Under 12	82	80	2	-	-	-	-
12 and under 13 ..	13,959	13,899	60	-	-	-	-
13 and under 14 ..	17,290	4,488	12,750	52	-	-	-
14 and under 15 ..	14,813	1,092	4,759	8,907	55	-	-
15 and under 16 ..	13,561	54	1,371	4,003	8,072	61	-
16 and under 17 ..	7,687	39	80	1,141	4,356	2,023	48
17 and under 18 ..	3,243	36	50	109	1,056	537	1,455
18 and under 19 ..	953	17	23	42	124	122	625
19 and under 20 ..	285	1	10	23	38	9	204
20 and under 21 ..	38	-	3	11	8	-	16
21 and under 22 ..	10	-	-	1	5	1	3
22 and over ..	11	1	-	1	2	-	7

Source: Ministry of Education

14.9 SECONDARY EDUCATION: ENROLMENT BY LEVEL OF EDUCATION AND AGE, 1971

TECHNICAL AND COMMERCIAL SCHOOLS

Males

Age as at 1.1.71	Total	Technical				Commercial			
		III	IV	Pre-U I	Pre-U II	III	IV	Pre-U I	Pre-U II
Total	10,948	5,812	4,096	130	106	530	210	28	36
Under 12	-	-	-	-	-	-	-	-	-
12 and under 13 ..	-	-	-	-	-	-	-	-	-
13 and under 14 ..	13	13	-	-	-	-	-	-	-
14 and under 15 ..	3,773	3,492	4	-	-	277	-	-	-
15 and under 16 ..	4,231	1,656	2,280	1	-	203	91	-	-
16 and under 17 ..	2,323	623	1,465	86	-	50	83	16	-
17 and under 18 ..	526	28	337	32	57	-	36	11	25
18 and under 19 ..	53	-	8	11	26	-	-	1	7
19 and under 20 ..	26	-	2	-	20	-	-	-	4
20 and over ..	3	-	-	-	3	-	-	-	-

Females

Age as at 1.1.71	Total	Technical				Commercial			
		III	IV	Pre-U I	Pre-U II	III	IV	Pre-U I	Pre-U II
Total	3,323	1,728	306	4	4	675	376	125	105
Under 12	-	-	-	-	-	-	-	-	-
12 and under 13 ..	-	-	-	-	-	-	-	-	-
13 and under 14 ..	18	17	-	-	-	1	-	-	-
14 and under 15 ..	1,691	1,271	-	-	-	420	-	-	-
15 and under 16 ..	984	362	179	-	-	183	260	-	-
16 and under 17 ..	457	76	106	3	-	71	88	112	1
17 and under 18 ..	142	2	19	1	1	-	26	12	81
18 and under 19 ..	31	-	2	-	3	-	2	1	23
19 and under 20 ..	-	-	-	-	-	-	-	-	-
20 and over ..	-	-	-	-	-	-	-	-	-

Source: Ministry of Education

14.10 UNIVERSITIES AND COLLEGES - STUDENT ENROLMENT

Year	Total		Singapore University		Nanyang University		Singapore Polytechnic		Ngee Ann Technical College		Teachers' Training College	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1961	6,876	2,090	1,328	435	1,525	435	2,677	67	-	-	1,346	1,153
1962	7,630	2,483	1,570	579	1,655	455	2,667	68	-	-	1,738	1,381
1963	8,077	3,772	1,790	643	1,760	564	2,154	105	277	109	2,096	2,351
1964	8,465	4,228	1,885	687	1,676	597	2,199	100	508	180	2,197	2,664
1965	8,838	4,969	2,035	835	1,559	567	2,255	80	634	239	2,355	3,248
1966	8,534	4,650	2,063	949	1,331	520	2,536	106	602	250	2,002	2,825
1967	8,396	4,609	2,227	1,056	1,218	532	2,814	149	296	104	1,841	2,768
1968	8,508	3,939	2,505	1,209	1,345	646	3,207	167	288	65	1,163	1,852
1969	9,043	3,670	3,192	1,367	1,362	677	3,187	123	379	150	923	1,353
1970	9,484	4,199	3,167	1,513	1,392	918	3,877	217	437	161	611	1,390
1971	9,880	4,389	3,041	1,662	1,412	987	4,101	406	774	248	552	1,086

Source: Ministry of Education

14.11 UNIVERSITIES AND COLLEGES: STUDENTS ADMITTED AND GRADUATED

Number

	Admitted					Graduated				
	1967	1968	1969	1970	1971	1967	1968	1969	1970	1971
Total Universities & Colleges	6,317	6,307	6,470	8,018	7,674	3,697	3,968	3,722	4,256	3,811
Universities - Total ..	1,702	1,938	1,949	2,023	2,016	1,311	1,187	1,709	1,993	1,835
Arts and Social Sciences	617	745	511	459	480	331	311	440	557	475
Science	585	625	497	352	356	453	423	579	615	656
Law	93	105	92	84	103	67	47	47	62	79
Medicine	125	129	108	129	136	144	112	132	135	124
Dentistry	34	34	37	38	38	34	27	35	44	47
Pharmacy	32	35	26	22	23	61	42	27	46	25
Architecture and Engineering	-	-	173	376	313	-	37	68	70	83
Commerce and Business										
Administration ..	174	202	495	553	567	191	159	321	247	346
Education	42	63	10	10	-	30	29	60	217	-
Polytechnic - Total ..	2,963	3,348	3,256	4,034	4,405	408	358	436	768	779
Engineering	1,776	2,071	2,464	3,211	3,421	205	210	280	577	640
Architectural Building	697	732	682	701	853	98	92	104	123	75
Accounting	424	440	-	-	-	75	11	-	-	-
Nautical	66	105	110	122	131	30	45	52	68	64
Colleges - Total ..	1,652	1,021	1,265	1,961	1,253	1,978	2,423	1,577	1,495	1,197
Ngee Ann (1)	-	116	385	481	625	134	126	134	-	41
Teachers' Training ..	1,652	905	880	1,480	628	1,844	2,297	1,443	1,495	1,156

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

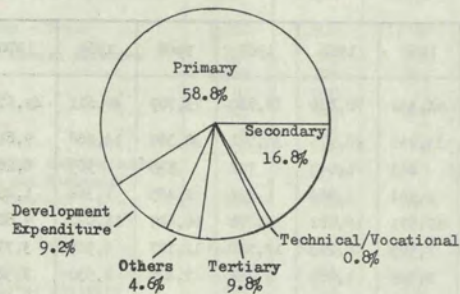
Source: University of Singapore
Nanyang University
Singapore Polytechnic
Ngee Ann College
Teachers' Training College

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

	Number										
	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Total	17,036	25,559	39,160	52,134	64,444	70,800	76,840	73,709	49,611	49,677	40,884
Literacy and Language Classes	11,749	12,670	20,491	27,297	33,936	28,975	34,571	30,389	14,668	9,818	11,204
Special Language Classes..	-	850	120	437	463	1,043	742	535	565	6,267	902
Foreign Language Classes..	-	-	553	741	1,954	3,864	1,922	1,485	1,362	1,258	2,134
General Education Classes	4,837	6,191	7,916	9,941	12,671	16,082	16,270	16,627	11,032	9,823	7,967
Special Subject Classes ..	-	1,101	3,336	5,250	7,585	10,173	12,958	12,127	6,565	3,778	3,432
Commercial Classes ..	-	534	1,538	1,308	1,149	1,081	1,761	2,409	2,530	2,347	6,270
Vocational Classes ..	-	2,471	3,593	5,470	4,739	6,011	4,332	5,400	5,017	5,585	1,020
Recreational Courses ..	450	1,742	1,613	1,690	1,947	3,571	4,284	4,737	3,767	5,110	2,023
Special Classes for Over-aged Students	-	-	-	-	-	-	-	-	4,105	5,691	5,351
Technical Classes ..	-	-	-	-	-	-	-	-	-	-	581

ALLOCATION OF GOVERNMENT EXPENDITURE ON EDUCATION

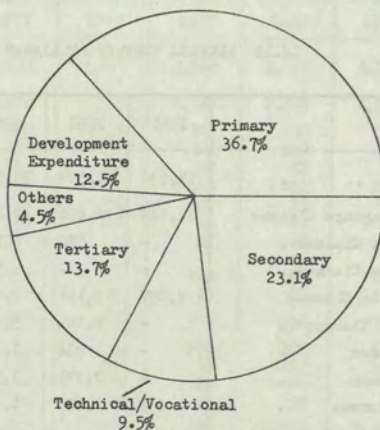
\$74.6 Mil.



1961
\$ Mil.

43.9	-	Primary	-
12.5	-	Secondary	-
0.6	-	Technical/Vocational	-
7.3	-	Tertiary	-
3.4	-	Others	-
6.9	-	Development Expenditure	-
74.6			

\$218.3 Mil.



1971
\$ Mil.

80.0	-
50.5	-
20.7	-
30.0	-
9.9	-
27.2	-
218.3	

14.13 ALLOCATION OF GOVERNMENT EXPENDITURE ON EDUCATION

Thousand Dollars

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Total	74,557	94,791	107,888	120,229	130,211	142,380	155,738	155,730	217,619	196,111	218,266
Recurrent Expenditure:	67,650	82,307	94,644	103,358	112,805	124,076	135,051	146,797	199,062	173,977	191,099
Primary .. .	43,908	50,835	58,581	61,337	65,144	66,579	68,177	71,829	92,690	75,055	80,007
Secondary .. .	12,466	14,751	17,206	21,212	24,923	31,387	37,711	44,698	47,541	44,178	50,508
Technical/Vocational (incl. Industrial Training Centres) ..	571	717	1,509	2,176	2,822	3,648	4,487	4,335	17,448	19,054	20,664
Tertiary:											
Singapore University/ Nanyang University .. .	3,689	8,335	8,744	9,255	10,337	11,411	11,986	13,151	18,719	18,650	21,185
Teachers' Training College ..	1,200	1,318	1,533	1,630	1,999	2,044	1,979	2,176	3,469	3,158	2,783
Singapore Polytechnic .. .	1,795	1,595	2,000	1,850	2,400	2,700	3,840	3,500	5,350	3,811	4,200
Adult Education .. .	662	500	853	1,200	1,635	2,081	2,102	2,000	1,000	1,350	1,350
Others .. .	3,359	4,256	4,218	4,698	3,545	4,226	4,769	5,108	12,845	8,721	10,402
Development Expenditure .. .	6,907	12,484	13,244	16,871	17,406	18,304	20,687	8,933	18,557	22,134	27,167

Source: Ministry of Education

15. HEALTH

The provision of health services by the Government in Singapore is very comprehensive. The Ministry of Health is responsible for the overall policy on health matters, the maintenance of public health standards, the development of health programmes and preventive measures and the provisions of treatment and hospital facilities. In addition, 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, Thomson Road General Hospital, and Alexandra Hospital and domiciliary aftercare service. The maternal and child health centres also provide immunisation and vaccination services for infants and children, as well as family planning consultations and services for

women of child bearing age.

School Health

The school health service caters for the health needs of school-going children and provides regular medical examination, immunisation services and medical treatment, where necessary. Data on incidence of illness refer to the incidences of specific illness detected at school medical examinations and are expressed as a percentage of total number of children examined.

Family Planning

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

where necessary, on involuntary sterility and minor gynaecological ailments.

Data on new patients, revisits and attendances refer to cases handled by the Singapore Family Planning Association prior to 1966 and thereafter to cases handled by the Singapore Family Planning and Population Board.

Blood Transfusion Centre

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

Causes of Death

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

15.1 HOSPITALS, GOVERNMENT CLINICS AND DISPENSARIES

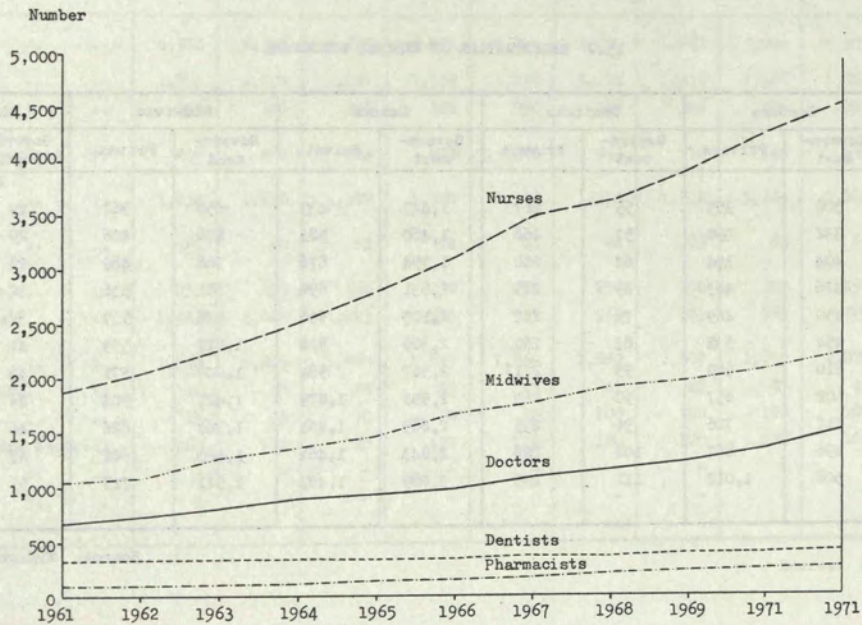
Year	Hospitals ⁽¹⁾	Government Dental Clinics	Government Outdoor Dispensaries	Government Maternal and Child Health Clinics		
				Number		
				Main Maternal and Child Health Clinics	Visiting Centres	Midwives Clinics
1961	16	28	20	27	22	7
1962	16	34	21	28	22	7
1963	16	45	24	34	22	7
1964	16	51	26	34	22	7
1965	16	59	26	34	22	8
1966	16	62	26	32	20	10
1967	16	68	26	32	19	3
1968	16	71	27	32	20	3
1969	16	77	27	33	18	3
1970	16	79	27	32	17	2
1971	24 ⁽²⁾	84	27	34	9	5

(1) Include five private hospitals.

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

Source: Ministry of Health

MEDICAL PERSONNEL



15.2 REGISTRATION OF MEDICAL PERSONNEL

Year	Doctors		Dentists		Nurses		Midwives		Pharmacists	
	Government	Private	Government	Private	Government	Private	Government	Private	Government	Private
1961	308	359	55	267	1,447	435	658	367	29	70
1962	332	390	57	268	1,460	583	678	406	29	72
1963	404	394	62	268	1,594	676	788	469	29	71
1964	426	463	69	265	1,831	690	821	536	32	73
1965	450	469	75	267	2,109	698	928	537	37	89
1966	454	535	83	261	2,309	822	1,117	559	41	107
1967	510	589	95	271	2,527	981	1,207	571	46	124
1968	502	657	90	269	2,591	1,079	1,427	504	46	160
1969	517	726	96	295	2,689	1,261	1,361	626	46	182
1970	496	867	102	296	2,843	1,461	1,493	601	47	198
1971	508	1,012	111	295	3,089	1,483	1,521	715	53	220

Source: Ministry of Health

15.3 HOSPITAL BEDS IN GOVERNMENT HOSPITALS

Hospitals	Number										
	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Total	6,703	6,723	6,827	6,671	6,817	6,851	7,000	7,004	6,979	6,891	7,346
General Hospital	1,231	1,231	1,231	1,132	1,278	1,278	1,314	1,328	1,328	1,328	1,491
Thomson Road Hospital	396	396	396	396	396	396	396	396	396	338	344
Kandang Kerbau Hospital (Maternity and Gynaecology) ..	438	443	443	443	443	443	554	544	539	539	554
Tan Tock Seng Hospital (Tuberculosis)	1,234	1,250	1,320	1,320	1,320	1,324	1,324	1,324	1,324	1,306	1,304
Middle Road Hospital (Venereal Diseases)	61	60	61	61	61	61	63	63	63	51	51
Middleton Hospital (Infectious Diseases)	250	250	250	250	250	250	250	250	250	250	272
Trafalgar Home (Leprosy)	1,023	1,023	1,023	965	965	965	965	965	785	785	785
Woodbridge Hospital (Mental Illnesses)	1,869	1,869	1,869	1,869	1,869	1,869	1,869	1,869	2,029	2,029	2,029
Mental Defective Hospital	46	46	44	45	45	45	45	45	45	45	45
Chronic Sick Hospital	35	35	70	70	70	100	100	100	100	100	100
St. Andrew's Orthopaedic Hospital	120	120	120	120	120	120	120	120	120	120	120
Alexandra Hospital	-	-	-	-	-	-	-	-	-	-	217
Sembawang Hospital	-	-	-	-	-	-	-	-	-	-	34

Source: Ministry of Health

15.4 ADMISSIONS IN GOVERNMENT HOSPITALS

Patient Days

Hospitals	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
General Hospital ..	376,766	383,559	378,862	383,559	390,422	390,502	394,621	406,711	416,255	424,658	440,637
Thomson Road Hospital	42,705	54,203	54,203	52,704	61,320	75,553	83,192	82,151	90,596	101,319	102,396
Kandang Kerbau Hospital (Maternity and Gynaecology) ..	131,400	145,635	114,900	162,435	186,103	183,945	190,584	164,888	155,472	149,352	156,730
Tan Tock Seng Hospital (Tuberculosis) ..	403,475	405,025	404,135	403,623	418,291	405,866	379,254	372,771	358,747	287,617	293,349
Middle Road Hospital (Venereal Diseases)	12,045	12,045	10,766	9,946	12,439	13,884	14,582	16,476	15,591	11,387	8,524
Middleton Hospital (Infectious Diseases)	58,546	60,955	56,004	46,440	56,840	48,176	46,962	41,917	38,630	38,780	39,570
Trafalgar Home (Leprosy)	256,230	250,145	229,950	218,270	290,145	284,325	174,470	171,520	185,785	175,565	163,155
Woodbridge Hospital (Mental Illnesses)	790,094	967,691	1,056,766	1,268,759	1,379,478	1,471,173	1,426,979	916,515	968,645	930,399	943,236
Mental Defective Hospital	16,535	15,851	15,620	16,470	15,470	16,425	15,809	15,695	10,237	11,357	13,715
Chronic Sick Hospital	8,928	15,859	25,550	24,976	23,441	32,634	35,374	33,223	27,768	29,277	33,845
St. Andrew's Orthopaedic Hospital ..	38,803	35,105	32,289	35,220	32,111	29,801	30,858	22,735	30,941	29,145	28,983
Alexandra Hospital ..	-	-	-	-	-	-	-	-	-	-	6,746
Sembawang Hospital ..	-	-	-	-	-	-	-	-	-	-	2,269

Source: Ministry of Health

15.5 ADMISSIONS OF MAJOR INFECTIOUS DISEASES: GOVERNMENT HOSPITALS

Year	Number							
	Dysentery	Chicken Pox	Diphtheria	Measles	Mumps	Polio-myelitis	Typhoid	Whooping Cough
1961	581	975	587	318	47	48	155	23
1962	622	1,249	353	403	42	12	103	37
1963	644	1,221	394	315	50	66	169	9
1964	687	701	204	283	29	12	120	14
1965	522	1,385	226	184	22	40	271	5
1966	537	360	214	387	11	10	113	26
1967	381	970	207	160	80	3	81	5
1968	435	863	54	460	80	4	109	6
1969	466	491	64	84	101	-	214	10
1970	443	410	50	302	56	-	149	23
1971	315	426	24	214	116	3	213	16

Source: Ministry of Health

15.6 ATTENDANCES AT GOVERNMENT DENTAL CLINICS

Year	Total	Schools Division	Hospitals Division	Maternal and Child Health Division	Number
					Miscellaneous
1961	260,781	108,640	115,764	24,935	11,442
1962	285,992	119,953	122,287	33,650	10,102
1963	310,353	138,874	133,598	27,167	10,714
1964	314,733	157,112	119,443	24,240	13,938
1965	360,919	196,503	127,182	24,409	12,825
1966	415,795	241,015	139,237	24,440	11,103
1967	487,200	296,002	154,406	26,097	10,695
1968	523,398	340,208	150,798	26,218	6,174
1969	579,240	403,452	134,409	35,142	6,237
1970	593,514	431,723	122,611	34,398	4,782
1971	591,457	438,683	110,619	35,688	6,467

Source: Ministry of Health

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

Year	Number				
	Ante-natal visits to Clinics	Post-natal visits to Clinics (1)	Confinements attended to by Government Midwives	Deliveries at Kangang Kerbau Maternity Hospital (2)	Visits by Midwives in the Puerperium (3)
1961	140,013	4,574	7,572	36,411	153,279
1962	151,308	4,261	5,925	37,670	147,872
1963	120,627	4,397	2,529	39,318	155,183
1964	141,473	7,958	6,336	39,378	158,009
1965	161,049	10,258	5,559	38,711	159,974
1966	154,195	6,531	3,937	40,211	155,912
1967	128,228	7,906	2,175	38,252	143,633
1968	130,001	9,432	1,601	36,427	138,939
1969	136,931	1,813	835	34,440	193,059
1970	144,284	644	582	35,805	195,937
1971	142,350	74	271	37,077	202,746

(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)

	Number										
	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Infant attendances	395,722	427,237	447,539	443,273	457,906	459,859	438,569	412,496	397,170	387,108	393,143
Toddler and pre-school attendances	271,548	733,216	382,931	366,345	428,211	439,477	422,829	414,071	373,025	367,766	318,280
B.C.G. attendances	11,459	12,186	14,025	14,663	15,961	15,740	13,221	11,431	12,302	13,721	12,872
Primary vaccination attendances	54,065	47,175	45,480	45,774	44,916	44,420	42,904	38,609	36,072	35,347	35,750
Diphtheria immunisation:											
1st dose	5,530	16,620	6,656	9,562	26,888	12,792	10,843	10,156	7,047	7,545	6,835
2nd dose	4,153	13,243	6,469	7,907	28,566	14,194	11,876	10,950	7,795	7,591	6,888
Boosters	3,481	7,709	6,363	13,279	29,536	33,072	30,940	29,302	33,356	48,641	42,756
Kampong diphtheria immunisation:											
1st dose	343	383	1,541	1,892	2,925	1,431	1,020	1,013	794	743	744
2nd dose	211	140	1,055	1,325	1,972	969	853	770	608	639	587
Boosters	415	231	740	1,056	2,809	2,084	2,117	2,635	2,816	3,981	4,066
Triple antigen immunisation (Clinic):											
1st dose	41,589	63,695	49,534	40,474	27,810	46,522	44,429	40,812	36,313	34,986	35,512
2nd dose	35,713	51,552	44,199	40,249	25,309	43,435	44,168	40,331	36,253	33,703	33,577
3rd dose	33,027	45,009	43,372	39,506	24,943	40,406	43,919	41,209	36,759	33,067	33,088
Boosters	15,658	20,570	16,228	11,144	6,297	10,338	12,213	14,102	13,178	10,647	11,406

Source: Ministry of Health

15.9 SCHOOL HEALTH: MEDICAL EXAMINATIONS

											Number		
			1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
New Entrants	..	..	38,860	51,904	48,567	50,936	55,800	58,089	54,726	51,942	52,441	50,966	54,074
Primary Leavers	..	}	30,958	35,695	36,201	40,920	48,626	49,766	51,448	55,158	59,391	53,391	57,115
Secondary Leavers	..			9,273	6,633	9,956	16,244	16,849	22,676	24,402	28,969	22,876	25,720
Re-examination	..		18,398	21,535	19,190	16,275	20,955	23,119	18,848	20,587	22,300	31,398	41,336
Others	..	..	5,186	13,985	5,252	7,202	9,216	5,288	4,239	5,836	5,324	2,993	2,896
Total			93,402	132,392	115,843	125,289	150,841	153,111	151,937	157,925	168,425	161,624	181,141
Boys	..	..	44,695	61,489	63,402	63,235	73,124	70,717	74,094	75,812	80,880	70,254	85,034
Girls	..	..	48,707	70,903	52,441	62,054	77,717	82,394	77,843	82,113	87,545	91,370	96,107

Source: Ministry of Health

15.10 SCHOOL MEDICAL EXAMINATION: PERCENTAGE OF INCIDENCE: BOYS

Percentage

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Incidence of:											
Dental caries	47.38	47.24	40.59	35.85	32.32	30.66	27.01	32.34	30.96	26.56	27.25
Skin infection	3.33	4.36	3.70	4.11	3.46	4.22	3.61	5.72	4.90	5.95	6.41
Eyes: Infection	.49	.73	.91	1.51	.90	.99	.74	.44	.38	.59	.30
Defective vision	5.52	6.52	5.72	6.33	6.81	9.09	8.65	7.34	7.65	21.77	17.22
E.N.T. Enlarged tonsils	.43	.15	.52	.16	.15	.35	.08	.05	.01	.07	.09
Ear infections	.28	.34	.39	.47	.22	.13	.08	.06	.05	.07	.08
Cardiac disease	.24	.27	.65	.77	.73	.29	.99	1.23	.77	1.21	1.34
Respiratory infection ..	.75	.96	1.53	1.31	.76	.45	.32	.44	1.15	.68	.79
Genito - Urinary	2.05	2.86	6.10	6.17	5.90	4.65	3.34	5.01	4.74	6.51	7.16
Anaemia (under 60% Hg) ..	.55	.33	.46	.12	.09	.16	.13	.65	2.05	.81	.16
Worm infestation	3.46	1.34	.76	4.16	.70	5.56	1.93	4.11	2.79	.53	.77
Other abnormalities incl. postural defects, cleft palate, chest deformities	.42	1.36	2.27	2.49	1.32	2.02	1.45	1.90	1.47	1.68	1.39
Children examined (number)	44,695	61,489	63,402	63,235	73,124	70,717	74,094	75,812	80,880	70,254	85,034

Source: Ministry of Health

15.11 SCHOOL MEDICAL EXAMINATION: PERCENTAGE OF INCIDENCE: GIRLS

	Percentage										
	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Incidence of:											
Dental caries	44.41	41.11	38.68	40.01	40.66	35.91	26.32	19.59	25.69	25.84	23.00
Skin infection	9.97	9.15	6.94	5.35	5.14	5.66	5.80	5.62	6.26	11.67	9.70
Eyes: Infection ..	.51	.39	.35	.34	.39	.50	1.04	1.11	1.28	1.25	.58
Defective vision	7.33	7.68	10.17	9.02	10.00	10.42	12.37	12.32	15.35	20.06	26.40
E.N.T. Enlarged tonsils	.07	.11	.22	.19	.23	.02	.02	.06	.33	.32	.46
Ear infections ..	.14	.06	.07	.06	.09	.09	.11	.15	.19	.18	.19
Cardiac disease	.44	.39	.52	.44	.59	.39	.53	.57	.66	.60	.49
Respiratory infection ..	2.20	1.00	1.14	2.04	1.56	1.91	1.32	.82	1.26	1.24	1.02
Genito - Urinary ..	.38	.27	.24	.29	.29	.27	.33	.32	.33	.59	.47
Anaemia (under 60% HG) ..	.51	.58	1.28	.96	.48	.16	.19	.11	.13	.08	.05
Worm infestation ..	8.70	5.06	4.58	5.47	4.45	4.24	3.11	1.51	3.73	3.37	3.36
Other abnormalities incl. postural defects, cleft palate, chest deformities	2.79	1.02	1.54	2.00	1.21	1.68	1.45	.94	1.12	2.62	1.40
Children examined (number)	48,707	70,903	52,441	62,054	77,717	82,394	77,843	82,113	87,545	91,370	96,107

Source: Ministry of Health

15.12 FAMILY PLANNING CLINIC ATTENDANCES

Year	Total Attendances	New Patients	Number
			Re-Visits
1961	43,723	8,070	35,654
1962	48,916	7,189	41,727
1963	60,194	8,429	51,765
1964	78,368	9,339	69,029
1965	103,986	9,845	94,141
1966	123,822	32,555	91,267
1967	223,294	32,284	191,010
1968	325,518	36,355	289,163
1969	394,626	35,643	358,983
1970	403,566	24,230	379,336
1971	393,379	17,749	375,630

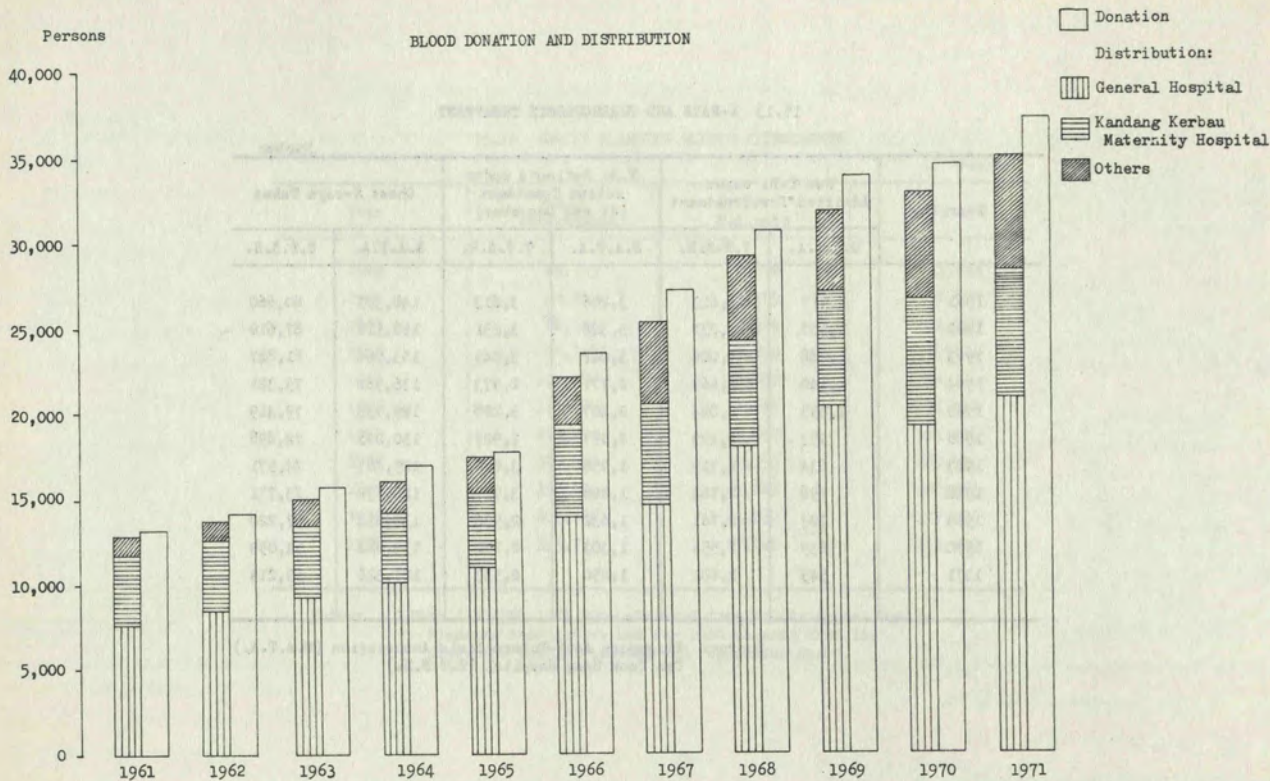
Notes: Data for 1961-1965 were obtained from the Singapore Family Planning Association and for 1966 onwards from the Singapore Family Planning and Population Board.

15.13 X-RAYS AND TUBERCULOSIS TREATMENT

Year	Number					
	New T.B. cases Admitted for Treatment		T.B. Patients under Active Treatment (At end 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.
1961	1,717	3,613	3,206	3,613	148,395	80,660
1962	1,552	3,231	3,346	3,231	168,516	87,610
1963	1,288	3,006	3,047	3,045	163,566	81,847
1964	1,140	2,665	2,771	2,973	136,362	79,321
1965	1,093	2,894	2,407	3,228	129,755	79,419
1966	953	2,429	2,077	2,927	130,001	72,698
1967	834	2,719	1,958	3,082	125,483	74,571
1968	796	2,764	1,868	3,717	126,752	73,771
1969	703	2,761	1,632	2,936	130,514	57,220
1970	639	2,556	1,307	2,771	133,082	54,059
1971	545	2,681	1,050	2,533	127,326	55,213

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

BLOOD DONATION AND DISTRIBUTION



15.14 BLOOD DONATION AND DISTRIBUTION

Year	Donations Received	Persons			
		Distribution of Transfusions			
		Total	General Hospital	Kandang Kerbau Maternity Hospital	Other Hospitals
1961	13,189	12,913	7,718	4,180	1,015
1962	14,183	13,775	8,499	4,177	1,099
1963	15,649	14,925	9,069	4,112	1,744
1964	17,379	16,081	9,910	4,224	1,947
1965	17,813	17,606	11,026	4,251	2,329
1966	23,907	22,236	13,890	5,490	2,856
1967	27,155	25,342	14,698	5,986	4,658
1968	31,128	29,506	18,023	6,160	5,323
1969	34,091	32,189	20,398	6,781	5,010
1970	34,697	33,046	19,317	7,570	6,159
1971	37,230	34,994	20,914	7,381	6,699

Source: Ministry of Health

15.15 DEATH BY MAJOR CAUSES

Number

Causes of Death	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
All Causes	10,116	10,250	10,214	10,510	10,381	10,552	10,617	11,050	10,291	10,793	11,355
Tuberculosis, all forms ..	647	654	669	710	647	576	551	496	420	458	439
of the respiratory system	612	626	647	685	621	555	528	474	404	449	421
Malignant neoplasms	1,122	1,206	1,313	1,332	1,386	1,354	1,512	1,521	1,533	1,596	1,688
(i) of stomach	281	277	281	280	254	242	289	259	300	239	273
(ii) of bronchus and lung ..	138	161	202	188	202	206	229	255	232	289	335
(iii) of liver	135	151	174	157	194	203	204	187	205	196	229
Benign and unspecified neoplasms	41	48	46	34	52	35	27	53	44	38	40
Cerebrovascular disease ..	526	562	641	647	701	765	866	608	864	1,041	1,105
(i) Cerebral haemorrhage ..	376	405	437	407	440	488	622	367	318	333	338
(ii) Cerebral embolism & thrombosis	117	114	142	186	155	152	142	133	181	212	201
Heart diseases	761	886	951	1,005	1,062	1,150	1,200	1,220	1,389	1,430	1,581
(i) Ischaemic heart disease	283	381	399	502	529	598	605	701	847	823	937
(ii) Cardiomyopathy & chronic disease of endocardium (incl. diseases of aortic valve not specified as rheumatic)	41	23	32	26	40	31	14	35	31	20	29
(iii) Diseases of valves specified as rheumatic	55	66	58	47	46	40	50	58	45	59	58
Hypertensive disease	223	235	229	249	287	274	268	650	380	357	346
Pneumonia, all forms (incl. pneumonia of newborn) ..	945	984	930	877	862	944	898	891	659	847	876
Bronchopneumonia	574	587	547	496	521	591	549	555	480	639	658

15.15 DEATH BY MAJOR CAUSES (continued)

Causes of Death	Number										
	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Bronchitis, emphysema and asthma	307	332	296	371	358	325	322	345	414	451	429
Chronic bronchitis ..	86	94	100	132	142	129	136	239	183	208	202
Gastro-enteritis and colitis ..	389	340	247	174	167	192	173	124	146	138	124
Cirrhosis of liver	93	113	107	96	120	103	102	122	125	151	136
Nephritis, all forms	188	174	181	168	138	130	151	133	134	154	159
Chronic nephritis	131	106	109	115	94	72	74	54	93	120	134
Birth injury and difficult labour	145	72	155	165	111	74	73	49	41	56	41
Anoxic and hypoxic condition not elsewhere classified ..	232	154	122	234	263	303	267	133	95	120	133
Motor vehicle accidents ..	185	170	201	212	237	260	223	295	294	280	345
Accidental drowning and submersion	78	91	79	99	86	104	103	89	66	75	74
Suicide, all forms	144	139	155	147	146	193	186	223	188	185	230
(i) Hanging, strangulation and suffocation	80	54	71	67	60	72	73	86	71	60	76
(ii) Jumping from high places	15	34	36	30	36	67	63	85	76	78	102

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 services 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. Broadcasting on a commercial basis is also provided.

Each language service of Radio Singapore operates on separate channels, both of AM (medium and short-wave bands) and FM in the VHF band II. In July 1969, a new FM 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 Ordin-

ance, a licence has to be obtained by all persons using a radio and/or television receiver at any place of residence or premises or in a motor vehicle. A licence permits the use of one or more television receivers and one or more radios in any one place of residence. The licence fee is currently \$36 for the use of a television receiver with or without additional radio sets and \$12 for a radio receiver only. Rediffusion subscribers pay an additional \$1 per month in lieu of a licence fee.

Cinemas

Data on cinemas are obtained from the Customs and Excise Department. Under the Entertainments Duty Act, all cinemas are liable to pay entertainments duty according to their admission charges. Total attendances are based on the number of admissions.

Library

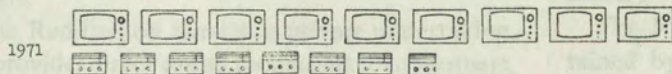
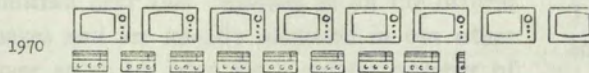
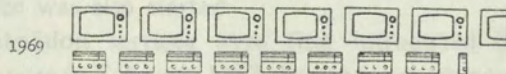
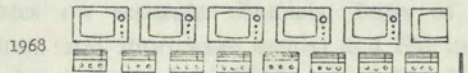
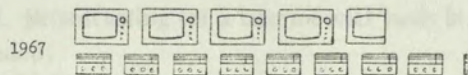
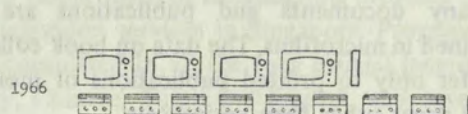
The National Library is a public library maintained by the Government and provides essential library facilities to the community. In addition to the central library in Stamford Road, there is a

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  = 20,000

Radio  = 10,000

16.1 NUMBER OF RADIO, TELEVISION LICENCES AND REDIFFUSION SUBSCRIBERS

Year	Broadcast Receiving Licences		Number
	Radio	Radio and Television	Rediffusion Subscribers (At end December)
1961	98,439	-	51,877
1962	105,014	-	52,479
1963	106,391	30,838	52,860
1964	88,038	54,960	49,415
1965	80,286	62,921	47,801
1966	80,703	83,944	47,346
1967	81,585	96,164	48,568
1968	81,261	113,313	52,181
1969	82,750	130,705	57,034
1970	82,893	156,848	60,704
1971	78,223	179,178	63,791

Source: Inland Revenue Department
Rediffusion (S) Ltd.

16.2 TELEVISION AND RADIO: HOURS OF TRANSMISSION PER WEEK

Hours

Year	Television	Radio				
		Total	National Language	Chinese	Indian	English
1961	-	347½	70½	115¾	49	112½
1962	-	347½	70½	115¾	49	112½
1963	63½	347½	70½	115¾	49	112½
1964	63½	504	126	147	105	126
1965	70½	466	116	137	99	114
1966	70½	466	116	137	99	114
1967	73½	466	116	137	99	114
1968	88	525	133	154	112	126
1969	106½	525	133	154	112	126
1970	106½	525	133	154	112	126
1971	106½	525	133	154	112	126

Source: Department of Broadcasting

16.3 CINEMAS

Year	Number of Cinemas			Total Seating Capacity ('000)	Attendances ('000)
	Total	Air Conditioned	Other		
1961	64	21	43	45	22,867
1962	70	22	48	50	25,116
1963	71	23	48	51	24,550
1964	70	25	45	51	22,564
1965	73	29	44	55	24,227
1966	75	32	43	57	25,910
1967	74	34	40	57	27,099
1968	75	34	41	58	28,231
1969	72	35	37	58	28,893
1970	72	36	36	55	27,980
1971	71	39	32	55	32,186

Source: Customs and Excise Department

16.4 VOLUME OF BOOKS AVAILABLE AT THE NATIONAL LIBRARY

Year	Number				
	Total	Malay	Chinese	Indian	English
1963	160,000	12,000	30,000	9,000	109,000
1964	204,000	17,000	45,000	11,000	131,000
1965	240,000	22,000	57,000	12,000	149,000
1966	286,000	33,500	65,500	18,000	169,000
1967	317,100	41,200	71,700	20,400	183,800
1968	379,900	48,900	99,500	25,000	206,500
1969	426,100	55,700	110,400	30,200	229,800
1970	460,552	56,299	124,946	33,259	246,048
1971	520,280	66,363	139,922	38,422	275,573

Source: Singapore National Library

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

Price: \$ 5