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YEARBOOK OF STATISTICS SINGAPORE 1969

Chief Statistician
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PREFACE

The Yearbook of Statistics, Singapore, 1969, is the third 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 the administrative and other records of other government departments and statutory authorities. In the preparation of his third edition, data published in earlier issues have, where necessary, been updated and amended. Every effort has been made to improve the scope and expand the coverage of data in the Yearbook and any comments and suggestions for further changes by interested persons will be given due consideration.

The preparation of the data for the Yearbook and the brief explanatory notes on the scope and coverage of the respective series was done mainly by the staff of the Publication Division of the Department of Statistics. The Department of Statistics gratefully acknowledges the co-operation and assistance of other government departments and statutory authorities in providing the data for publication in the Yearbook.

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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 centre of South East Asia. The main island measures about 26 miles from east to west and 14 miles from north to south. There are a few small islands scattered around the northeast and southern parts of the main island and together they comprise the land area of Singapore, which is approximately 225.6 square miles.

Singapore can be geographically divided into three major regions:

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

Panjang, Bukit Mandai and Bukit Batok.

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

Climate

The average maximum temperature is around 87°F. and the minimum 75°F. The average humidity is around 74 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

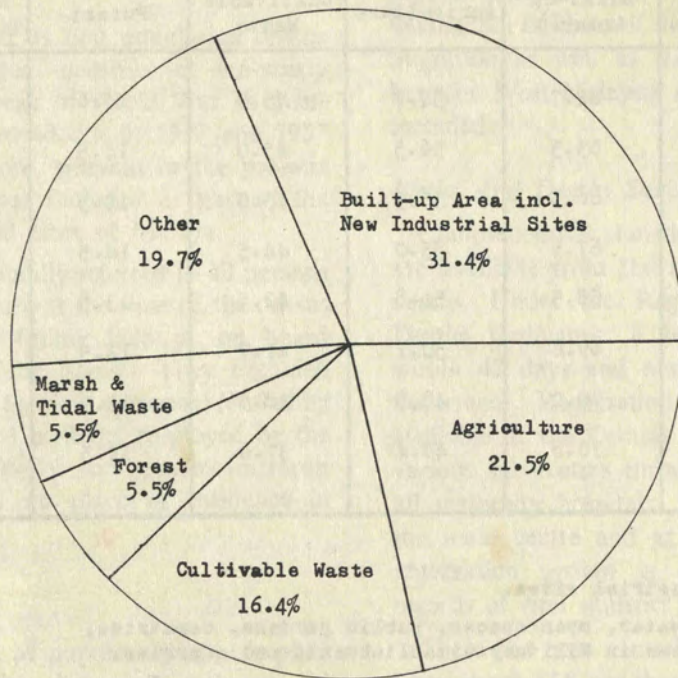
With the high density of population, about one-third of the land area has been taken up for residential, commercial and industrial usage. A significant portion is used for agriculture or is available as cultivable waste.

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	
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

Source: Meteorological Department

LAND AREA BY UTILIZATION, 1968



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	<u>225.1</u>	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

(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

$$\frac{224.5}{0.386} = \text{sq. Km.}$$

2. DEMOGRAPHY

Population Census

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

The 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 personnel (including United Kingdom-based civilians employed by the Services) and their families and persons in transit on board ships with no place of residence in Singapore.

Mid-year Estimates

Mid-year estimates of population are compiled annually using census data and estimates of

natural increase based on the data on births and deaths. An estimate of the changes due to external migration as well as the movement of persons between West Malaysia and the Republic is also included.

Births And Deaths Statistics

Comprehensive statistics of births and deaths are available from the registration of births and deaths. Under the Registration of Births and Deaths Ordinance, a birth must be registered within 42 days and a deaths within 3 days of occurrence. Registration facilities for births are available at the Central Registration Centre and various sub-centres throughout the island and at all maternity hospitals. Deaths are registered at the main centre and at all police stations. The registration system is comprehensive and the records of vital statistics are virtually complete.

There has been a marked decline in birth rates from about 37.8 per thousand population in 1960

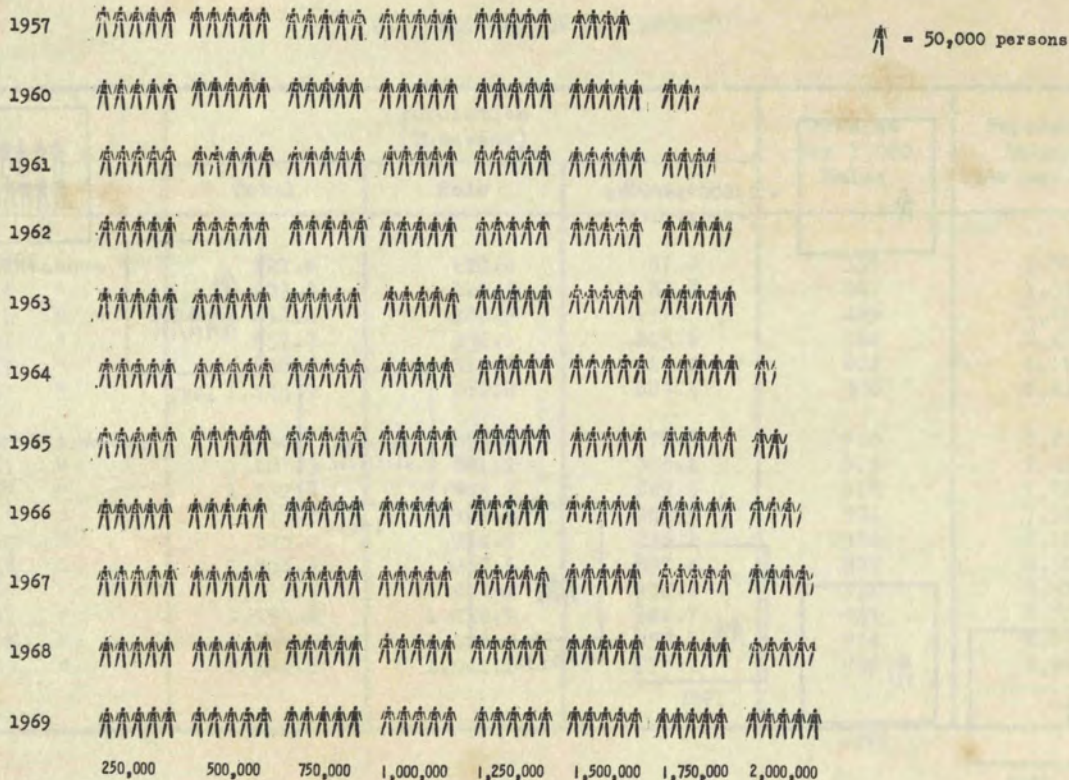
to 22.1 in 1969 while death rates have shown some decline from 6.2 per thousand population to 5.1 during the same period. The expectancy of life calculated on the basis of the 1957 Census of Population data was about 60.3 years for males and 65.2 years for females.

Marriages

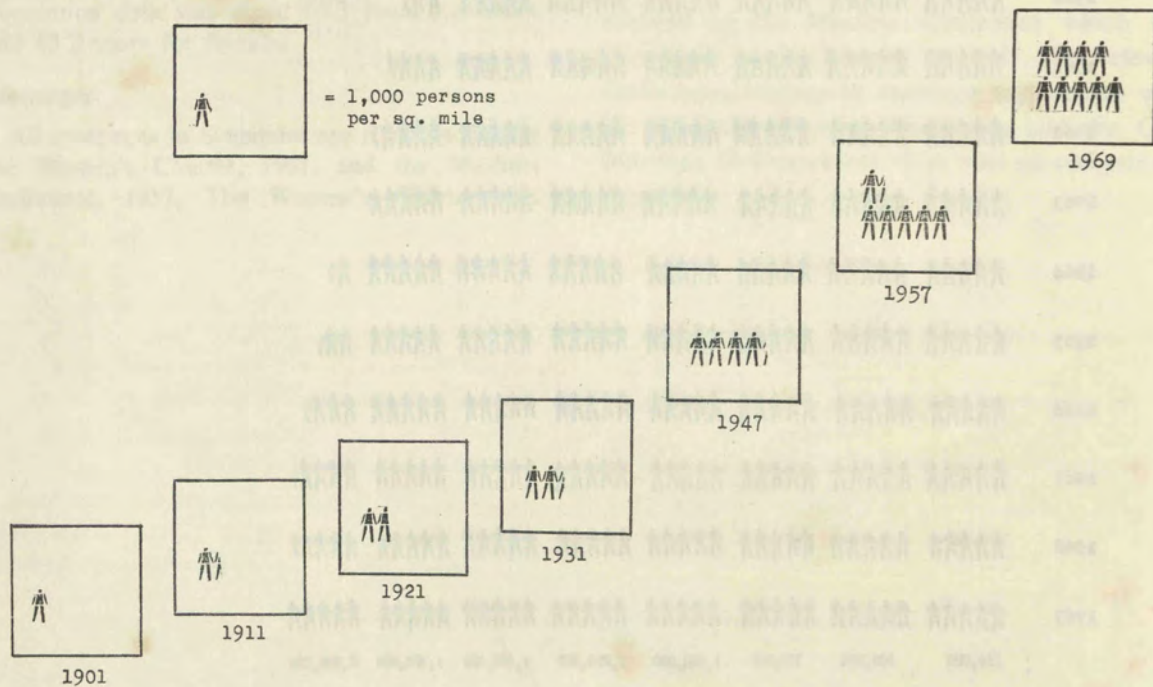
All marriages in Singapore are registered under the Women's Charter, 1961, and the Muslims Ordinance, 1957. The Women's Charter was

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

POPULATION



POPULATION DENSITY



2.1 POPULATION AND DENSITY

Year	Population (Thousand)			Females per 1,000 Males	Population Density (per sq. mile)
	Total	Male	Female		
1901 Census	227.6	170.0	57.6	339	1,014
1911 "	303.3	215.5	87.8	407	1,351
1921 "	418.4	280.9	137.5	489	1,863
1931 "	557.7	352.1	205.6	584	2,484
1947 "	938.2	515.0	423.2	822	4,178
1957 "	1,445.9	762.8	683.1	896	6,439
Mid-1960 Estimates	1,634.1	855.6	778.5	910	7,277
" 1961 "	1,687.3	881.2	806.1	915	7,514
" 1962 "	1,732.8	903.3	829.5	918	7,717
" 1963 "	1,775.2	922.7	852.5	924	7,906
" 1964 "	1,820.0	944.9	875.1	926	8,105
" 1965 "	1,864.9	967.5	897.4	927	8,305
" 1966 "	1,913.5	991.1	922.4	931	8,522
" 1967 "	1,955.6	1,012.9	942.7	931	8,709
" 1968 "	1,987.9	1,028.0	959.9	934	8,853
" 1969 "	2,016.8	1,040.1	976.7	939	8,964

2.2 POPULATION BY RACIAL GROUP

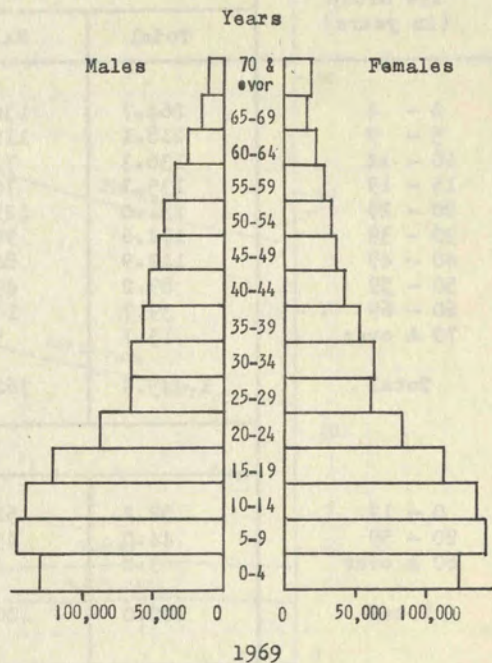
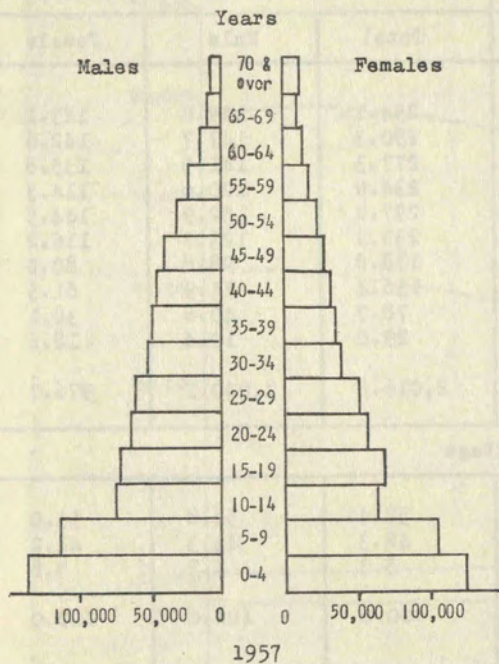
Thousand Persons

Year	Total	Malays ⁽¹⁾	Chinese	Indians & Pakistanis	Other Races
1901 Census	227.6	36.0	164.0	17.8	9.8
1911 "	303.3	41.8	219.5	27.8	14.2
1921 "	418.4	53.6	315.1	32.3	17.4
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
Mid-1960 Estimates	1,634.1	227.3	1,230.7	137.8	38.3
" 1961 "	1,687.3	236.4	1,269.1	141.5	40.3
" 1962 "	1,732.8	243.4	1,302.5	143.7	43.2
" 1963 "	1,775.2	249.2	1,334.5	146.1	45.4
" 1964 "	1,820.0	257.8	1,366.5	149.9	45.8
" 1965 "	1,864.9	266.6	1,396.5	153.7	48.1
" 1966 "	1,913.5	276.1	1,427.0	156.6	53.8
" 1967 "	1,955.6	283.5	1,454.5	159.4	58.2
" 1968 "	1,987.9	287.7	1,478.6	161.2	60.4
" 1969 "	2,016.8	292.6	1,499.8	161.2	63.2

(1) Include Indonesians.

AGE PYRAMIDS

1957 & 1969

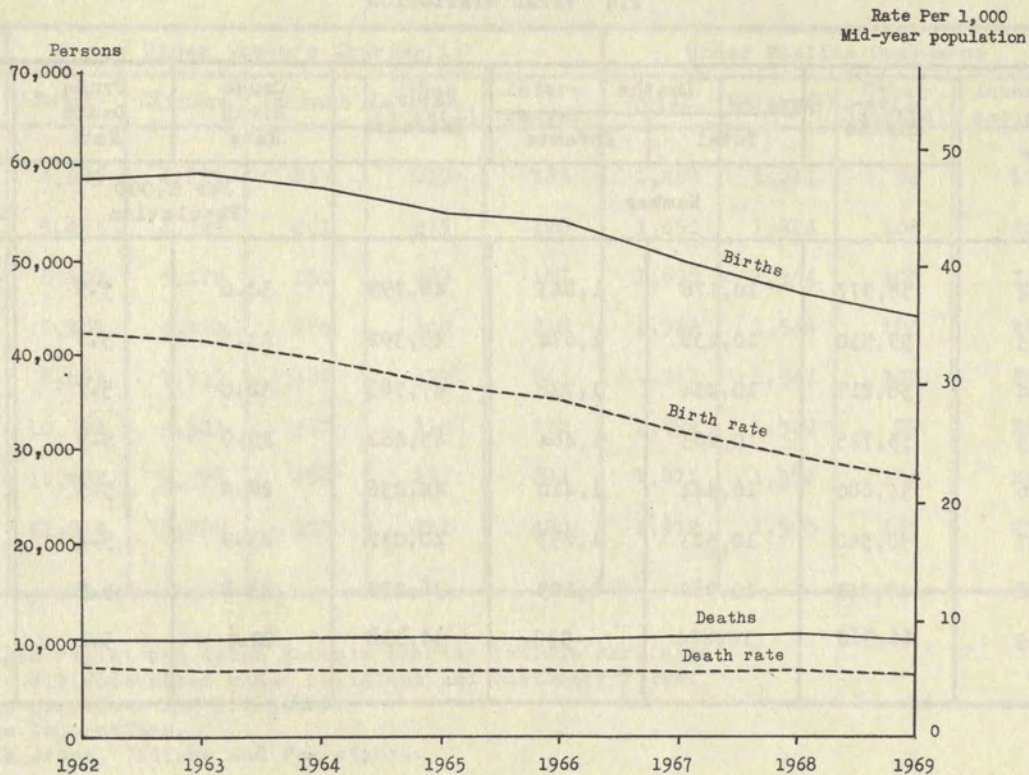


2.3 POPULATION BY AGE GROUP, 1957 AND 1969

Thousand Persons

Age Group (in years)	1957 (Census)			Mid-1969 (Estimates)		
	Total	Male	Female	Total	Male	Female
0 - 4	264.7	136.7	128.0	254.1	129.0	125.1
5 - 9	218.1	112.0	106.1	290.3	147.7	142.6
10 - 14	136.3	71.2	65.1	277.3	141.5	135.8
15 - 19	135.7	70.1	65.6	234.9	120.6	114.3
20 - 29	231.0	121.0	110.0	297.4	152.9	144.5
30 - 39	172.6	96.7	75.9	239.9	123.7	116.2
40 - 49	142.9	80.8	62.1	178.8	98.8	80.0
50 - 59	89.2	49.8	39.4	136.4	74.9	61.5
60 - 69	39.7	18.8	20.9	78.7	40.6	38.1
70 & over	15.7	5.6	10.1	29.0	10.4	18.6
Total	1,445.9	762.7	683.2	2,016.8	1,040.1	976.7
Percentage						
0 - 19	52.2	51.1	53.4	52.4	51.8	53.0
20 - 59	44.0	45.7	42.1	42.3	43.3	41.2
60 & over	3.8	3.2	4.5	5.3	4.9	5.8
Total	100.0	100.0	100.0	100.0	100.0	100.0

BIRTHS & DEATHS



2.4 VITAL STATISTICS

Year	Live-Births	Deaths		Natural Increase	Crude Birth Rate	Crude Death Rate	Infant Mortality Rate
		Total	Infants				
	Number				Per 1,000 Population		Per 1,000 Live-Births
1962	58,977	10,178	1,843	48,799	34.0	5.9	31.2
1963	59,530	10,138	1,674	49,392	33.5	5.7	28.1
1964	58,217	10,434	1,738	47,783	32.0	5.7	29.9
1965	55,725	10,263	1,464	45,462	29.9	5.5	26.3
1966	54,680	10,444	1,410	44,236	28.6	5.5	25.8
1967	50,560	10,523	1,253	40,037	25.9	5.4	24.8
1968	47,241	10,982	1,105	36,259	23.8	5.5	23.4
1969	44,562	10,224	930	34,338	22.1	5.1	20.9

2.5 MARRIAGES REGISTERED BY RACIAL GROUP

Year	Under Women's Charter(1)					Under Muslims Ordinance				Number
	Total	Chinese	Indians	Other Races(2)	Inter-racial	Total	Malays(3)	Other Races(4)	Inter-racial	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

(1) Marriages registered under Women's Charter include marriages previously solemnized under religious and customary rites.

(2) Include Eurasians and Europeans.

(3) Include Indonesians.

(4) Include Arabs, Indians and Pakistanis.

2.6 MARRIAGES REGISTERED BY AGE GROUP OF GROOM AND BRIDE

Age Group	1968				1969			
	Groom		Bride		Groom		Bride	
	Women's Charter	Muslims Ordinance	Women's Charter	Muslims Ordinance	Women's Charter	Muslims Ordinance	Women's Charter	Muslims Ordinance
All Ages	9,581	1,971	9,581	1,971	10,657	1,972	10,657	1,972
Under 15	-	-	-	-	-	-	-	-
15 - 19	91	59	1,177	914	85	64	1,202	824
20 - 24	2,511	769	5,054	705	3,047	765	5,817	799
25 - 29	4,359	667	2,625	141	4,596	666	2,679	171
30 - 34	1,819	238	510	82	1,990	226	678	75
35 - 39	481	77	132	50	580	87	173	40
40 - 44	173	70	48	44	168	65	61	33
45 - 49	75	35	20	12	87	41	28	21
50 & over	72	48	15	14	104	56	19	7
Unknown	-	8	-	9	-	2	-	2

Notes: Marriages registered under 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.

As from 1969, statistics on employment are 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, 1966, which was adapted from the International Standard Industrial Classification of the United Nations. Occupational groups used are 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 7 days after they have found employment. Registrants are expected to renew their registration every 6 months and those who fail to renew their registration or who could not be located by mail are taken off the "live" register. Thus, the total number of persons on the "live" register refers to persons who have registered and have not been removed from the register for any of the reasons mentioned above.

Trade Unions

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

Industrial Stoppages

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

Central Provident Fund Board

Under the Central Provident Fund Ordinance, every employer, other than Government and employers operating approved funds, is required to pay monthly contributions to the Fund in respect of each employee. The data obtained from the Central Provident Fund records provides a good coverage of all employees in Singapore. It does not, however, include persons in other categories such as employers, own account

workers and unpaid family workers.

Prior to September 1968, the rate of contribution payable for employees earning less than \$200 a month was 5 per cent of the wage for the month and for employees earning more than \$200 a month it was 10 per cent, subject to a maximum contribution of \$50 a month. From 1st September 1968, the rate of contribution was raised to 6½ per cent and 13 per cent respectively subject to a maximum of \$300 a month.

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

Number

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

Source: Ministry of Labour

3.2 WORKMEN, CLERKS, INDUSTRIAL CLERKS AND SHOP ASSISTANTS
EMPLOYED BY INDUSTRIAL GROUP, 1967 AND 1968
(As at end of September)

Number

Industrial Group	1967				1968			
	Workmen	Clerks	Industrial Clerks	Shop Assistants	Workmen	Clerks	Industrial Clerks	Shop Assistants
Agriculture, Forestry, Hunting and Fishing ..	1,342	147	25	6	1,371	177	37	11
Mining and Quarrying ..	1,198	74	57	-	1,256	72	39	-
Manufacturing	60,494	4,875	4,337	1,118	68,657	5,150	4,505	1,240
Construction	14,923	890	547	52	13,116	837	523	45
Electricity, Gas, Water and Sanitary Services	8,973	261	778	-	8,928	299	811	-
Commerce	8,636	13,576	3,318	16,578	9,373	14,042	3,388	17,278
Transport, Storage and Communication ..	20,062	3,896	4,058	71	20,597	4,115	3,913	36
Services	19,079	9,750	4,161	10,451	18,765	10,973	4,496	12,704
Total - All Industries	134,707	33,469	17,281	28,276	142,063	35,665	17,712	31,314

Source: Ministry of Labour

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

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

Notes: 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

3.4 PERSONS ENGAGED BY OCCUPATION GROUP, SECTOR AND SEX, 1969

(As at end of September)

Number

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

Notes: See notes to Table 3.3

Source: Ministry of Labour

3.5 PERSONS ENGAGED BY INDUSTRY AND OCCUPATIONAL STATUS, 1969

(As at end of September)

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

Notes: See notes to Table 3.3

Source: Ministry of Labour

3.6 REGISTRATION AT EMPLOYMENT EXCHANGE

Number

Year	No. on 'live' register (as at end of year)	New Registrants			Vacancies Notified			Vacancies Filled		
		Total	Male	Female	Total	Male	Female	Total	Male	Female
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

Source: Ministry of Labour

3.7 TRADE UNIONS AND MEMBERSHIP

Year	Federation Class(1)	Employee Class		Employer Class
	Number of Unions	Number of Unions	Membership	Number of Unions
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

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

Source: Ministry of Labour

3.8 INDUSTRIAL STOPPAGES

Year	Number of stoppages by cause				Workers Involved	Man-Days Lost
	Total	Dismissal(1)	Wages(2)	Others		
1962	88	21	38	29	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(3)

(1) Include retrenchment.

(2) Include conditions of services.

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

Source: Ministry of Labour

3.9 CONTRIBUTORS TO THE CENTRAL PROVIDENT FUND BY WAGE LEVEL

Wages for Month	1965		1966		1967		1968	
	Number	%	Number	%	Number	%	Number	%
Below \$100	44,035	17.2	46,720	17.4	47,937	17.2	54,175	19.2
\$100 to under \$200	117,218	45.7	116,205	43.2	117,985	42.2	117,591	41.7
\$200 to under \$300	45,830	17.9	51,477	19.1	54,022	19.3	51,429	18.3
\$300 to under \$400	17,600	6.9	19,672	7.3	20,565	7.4	20,475	7.3
\$400 to under \$500	10,684	4.2	11,760	4.4	12,805	4.6	12,774	4.5
\$500 and over	20,762	8.1	23,292	8.6	26,098	9.3	25,508	9.0
Total	256,129	100.0	269,126	100.0	279,412	100.0	281,952	100.0

Notes: Figures for the period 1965-67 refers to employees contributing as at December and for 1968 as at July.

Source: Central Provident Fund Board

3.10 CONTRIBUTORS TO THE CENTRAL PROVIDENT FUND BY AGE GROUP
(As at end of December)

Age Group	1966		1967		1968		1969	
	Number	%	Number	%	Number	%	Number	%
Under 15	605	0.1	723	0.2	863	0.2	1,333	0.2
15 to under 20	31,865	7.2	34,608	7.4	42,747	8.5	60,335	10.8
20 to under 25	62,949	14.2	73,073	15.7	89,950	17.8	108,416	19.4
25 to under 30	77,658	17.6	79,529	17.1	84,687	16.8	84,305	15.1
30 to under 35	62,181	14.1	63,729	13.7	71,243	14.1	78,889	14.1
35 to under 40	52,264	11.8	53,938	11.6	56,555	11.2	59,530	10.6
40 to under 45	41,037	9.3	43,185	9.3	47,055	9.3	50,103	8.9
45 to under 50	33,990	7.7	35,278	7.6	37,518	7.4	38,935	7.0
50 to under 55	27,520	6.2	27,720	6.0	30,333	6.0	31,523	5.6
Over 55	17,824	4.0	18,314	3.9	27,704	5.5	32,497	5.8
Age not stated	34,458	7.8	34,932	7.5	16,173	3.2	14,267	2.5
Total	442,351	100.0	465,029	100.0	504,828	100.0	560,133	100.0

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

Source: Central Provident Fund Board

4. AGRICULTURE, LIVESTOCK AND FISHERIES

Agriculture

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

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

Livestock Slaughtered

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

Fisheries

All fishing vessels in Singapore and fishermen engaged in inshore and offshore fishing are licensed by the Director of Primary Production. Fishermen operating simple gears, such as cast nets, and fish-pond operators are not required to be licensed. Data on local production of fish comprises both inshore and offshore catches. Fishing around Singapore waters normally using non-powered boats or boats powered with outboard engines, is classified as inshore fishing and the bulk of such catches are from kelongs, beach seines and drift nets. Offshore fishing is mainly carried on in the South China Sea and parts of the Indian Ocean

using fishing vessels powered by inboard engines. Troll lines are used for catching surface fish, and trawl nets and long lines for bottom fish. Offshore fishing accounts for the bulk of the local production.

Imports form the bulk of the domestic needs and are mainly from West Malaysia, Indonesia, China and Vietnam. Prior to February 1969, data

on fresh fish landed and auctioned refer to fresh fish landed and auctioned at the five wholesale markets, which cover only about one-fifth of the total fresh fish landings. With the opening of the Jurong Central Fish Market in February 1969, however, all fresh fish landed except those landed by small vessels are required to be auctioned at the Jurong Central Fish Market.

4.1 ACREAGE OF PRINCIPAL CROPS

Acres

Year	Rubber	Coconuts	Fruits	Mixed Vegetables	Root Crops	Tobacco
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

Source: Department of Primary Production

4.2 PRODUCTION OF PRINCIPAL CROPS

Year	Rubber	Coconuts	Fruits	Mixed Vegetables	Root Crops	Tobacco
	Tons	Mil. units	Tons			
1962	1,591	13	3,830	31,300	8,500	419
1963	1,747	11	3,725	31,350	8,600	354
1964	1,500	11	3,750	31,810	9,200	382
1965	1,500	11	3,790	31,850	9,100	500
1966	1,500	11	3,760	31,485	8,910	468
1967	2,500	11	3,700	31,350	8,850	392
1968	2,500	11	3,868	31,180	8,820	500
1969	2,500	11	4,330	31,000	9,000	337

Source: Department of Primary Production

4.3 LIVESTOCK SLAUGHTERED AT ABATTOIRS

Year	Number				
	Swine	Sheep	Buffaloes	Oxen	Goats
1962	432,562	94,767	1,938	7,005	1,601
1963	394,981	90,219	2,851	6,030	2,173
1964	362,923	69,189	5,440	3,225	2,649
1965	392,026	77,291	7,755	1,796	1,848
1966	430,330	91,298	5,596	4,344	1,310
1967	437,204	94,750	4,870	6,352	1,679
1968	400,504	93,658	3,500	8,913	1,723
1969	494,611	109,573	3,401	9,489	3,769

Source: Department of Primary Production

4.4 FISHING VESSELS LICENSED

Number

Year	Total	Fishing Vessels			Number of Fishermen
		Non-Powered	Powered		
			Inboard	Outboard	
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

Source: Department of Primary Production

4.5 FRESH FISH LANDED AND AUCTIONED

Tons

Year	Local Production	Imports	Exports	Total Availability	Fish Auctioned
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	17,188	43,244	2,315	58,117	9,999
1969	12,714	41,951	1,777	52,888	43,016

Source: Department of Primary Production

5. INDUSTRIAL PRODUCTION

Census of Industrial Production

Censuses of manufacturing establishments in the private sector, employing ten or more persons, are conducted annually by the Department of Statistics. The establishments covered account for nearly 90 per cent of all industrial activities in terms of output in Singapore and provide a good indication of the changes and trends of growth of the industrial sector.

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

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

Workers: All persons engaged directly or indirectly in the industrial activity of the

establishment are classified as workers, that is, all employees, working proprietors, and unpaid family workers.

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

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

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

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

Valued 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.

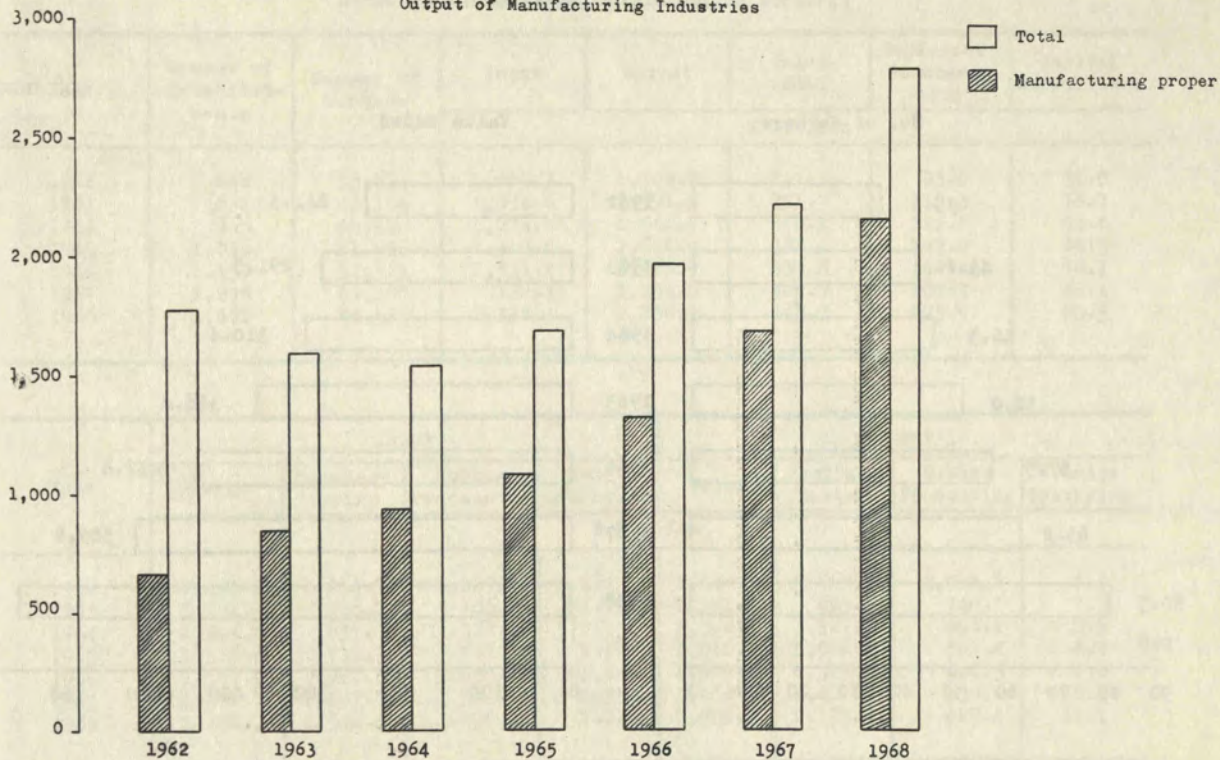
Quarterly Index of Production

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.

\$ Million

INDUSTRIAL PRODUCTION
Output of Manufacturing Industries

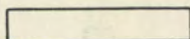


INDUSTRIAL PRODUCTION

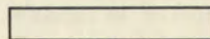
No. of Workers

Value Added

35.5

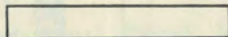


1962

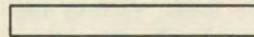


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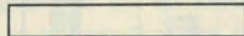


1963

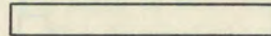


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46.3

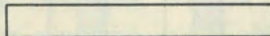


1964

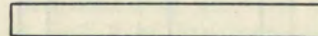


310.4

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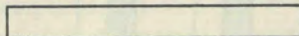


1965

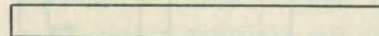


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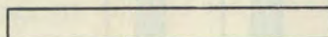


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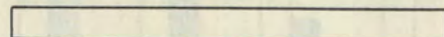


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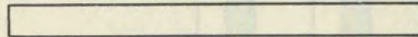


1967

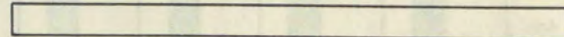


509.8

80.5



1968



648.9

'000

\$ Mil.

90 80 70 60 50 40 30 20 10 0

0 100 200 300 400 500 600 700

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
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

Year	Input				Output			
	Total	Manufacturing	Rubber Processing	Granite Quarrying	Total	Manufacturing	Rubber Processing	Granite Quarrying
	\$ Million							
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

5.2 PRINCIPAL STATISTICS OF INDUSTRIAL PRODUCTION BY INDUSTRIAL ACTIVITY, 1968
(Establishments engaging 10 or more workers)

Industrial Activity	Number of Establishments	Number of Workers	Input	Output	Value Added	Employees' Remuneration	Capital Expenditure
Total Manufacturing	1,586	74,833	1,544.9	2,175.7	611.8	210.7	89.6
Rubber Processing	24	4,385	592.1	619.4	27.3	10.7	5.0
Total Manufacturing including Rubber Processing	1,610	79,218	2,137.1	2,795.1	639.0	221.4	94.6
Granite Quarrying	16	1,315	1.2	11.1	9.9	4.5	0.9
Total Manufacturing including Quarrying	1,626	80,533	2,138.3	2,806.2	648.9	225.9	95.5

5.3 PRINCIPAL STATISTICS OF INDUSTRIAL PRODUCTION, 1968
(Establishments engaging 10 or more workers)

\$ Million

Industrial Code	Industry Major Group	Input	Output	Value Added	Employees' Remuneration
20	Food	294.6	357.2	62.0	17.1
21	Beverage	28.6	(2) 58.2	29.6	9.3
22	Tobacco	(1) 65.3	(3) 87.8	22.4	3.6
23	Textiles	22.6	29.3	6.7	3.4
24	Footwear, other wearing apparel and made-up textile goods, except rubber footwear ..	51.5	75.1	22.6	11.9
25	Wood and cork	85.1	128.2	43.0	20.5
26	Furniture and fixtures	11.8	21.7	9.0	5.2
27	Paper and paper products	16.8	26.2	9.2	2.8
28	Printing, publishing and allied industries ..	29.7	68.5	37.5	17.6
29	Leather and leather products	14.3	17.4	3.0	1.3
30	Rubber products including rubber footwear ..	22.4	34.8	12.4	4.7
31	Chemicals and chemical products	110.9	150.7	38.9	9.9
32	Products of petroleum	438.9	540.2	100.4	6.1
33	Non-metallic mineral products	45.7	74.1	28.4	11.7
34	Basic metal	39.9	61.7	21.5	6.6
35	Metal products	83.8	128.5	43.7	19.4
36	Machinery	21.4	41.6	17.8	8.4
37	Electrical machinery, apparatus and appliances	35.7	53.2	17.5	8.3
38	Transport equipment	63.1	135.5	64.2	34.1
39	Miscellaneous manufacturing industries ..	62.9	85.8	21.9	8.7
	Total manufacturing (a)	1,544.9	2,175.7	611.8	210.7
	Rubber processing (b)	592.1	619.4	27.3	10.7
	Total (a) + (b)	2,137.1	2,795.1	639.0	221.4
	Granite quarrying (c)	1.2	11.1	9.9	4.5
	Total (a) + (b) + (c)	2,138.3	2,806.2	648.9	225.9

(1) Includes \$43.0 million import duty on tobacco.

(2) Excludes \$23.0 million excise duty levied on distilleries and breweries.

(3) Excludes \$3.6 million excise duty levied on cigarettes.

5.4 WORKERS ENGAGED BY OCCUPATIONAL STATUS (AT END JUNE 1968)
(Establishments engaging 10 or more workers)

Industrial Code	Industry Major Group	All Workers	Employees			Working Proprietors and Unpaid Family Workers
			Total	Workmen	Other Workers	
20	Food	7,275	6,889	5,606	1,283	386
20	Beverage	2,323	2,308	1,761	547	15
22	Tobacco	1,197	1,187	958	229	10
23	Textiles	2,832	2,815	2,453	362	17
24	Footwear, other wearing apparel and made-up textile goods, except rubber footwear ..	8,948	8,602	8,190	412	346
25	Wood and cork	6,921	6,669	5,817	852	252
26	Furniture and fixtures	1,793	1,716	1,534	182	77
27	Paper and paper products	2,502	2,423	2,278	145	79
28	Printing, publishing and allied industries ..	5,137	4,897	3,991	906	240
29	Leather and leather products	710	674	600	74	36
30	Rubber products including rubber footwear ..	1,820	1,790	1,465	325	30
31	Chemicals and chemical products	3,254	3,212	2,394	818	42
32	Products of petroleum	625	625	389	236	-
33	Non-metallic mineral products	3,440	3,398	2,776	622	42
34	Basic metal	1,814	1,783	1,519	264	31
35	Metal products	6,291	6,120	5,139	981	171
36	Machinery	2,780	2,643	2,195	448	137
37	Electrical machinery, apparatus and appliances	2,312	2,277	1,787	490	35
38	Transport equipment	7,846	7,734	6,623	1,111	112
39	Miscellaneous manufacturing industries ..	5,013	4,841	4,318	523	172
	Total Manufacturing (a)	74,833	72,603	61,793	10,810	2,230
	Rubber processing (b)	4,385	4,375	3,974	401	10
	Total (a) + (b)	79,218	76,978	65,767	11,211	2,240
	Granite quarrying (c)	1,315	1,308	1,157	151	7
	Total (a) + (b) + (c)	80,533	78,286	66,924	11,362	2,247

5.5 DISTRIBUTION OF ESTABLISHMENTS BY SIZE OF WORKERS, 1968
(Establishments engaging 10 or more workers)

Industrial Code	Industry Major Group	Total	Number of Establishments Employing		
			10 - 39 Workers	40 - 99 Workers	100 Workers and over
20	Food	201	155	30	16
21	Beverage	27	15	7	5
22	Tobacco	11	4	4	3
23	Textiles	21	6	3	12
24	Footwear, other wearing apparel and made-up textile goods, except rubber footwear ..	192	154	25	13
25	Wood and cork	152	110	35	7
26	Furniture and fixtures	51	39	9	3
27	Paper and paper products	54	35	14	5
28	Printing, publishing and allied industries ..	153	126	21	6
29	Leather and leather products	22	15	7	-
30	Rubber products including rubber footwear ..	28	19	5	4
31	Chemicals and chemical products	87	63	20	4
32	Products of petroleum	9	4	3	2
33	Non-metallic mineral products	47	27	14	6
34	Basic metal	25	16	5	4
35	Metal products	138	98	28	12
36	Machinery	104	90	11	3
37	Electrical machinery, apparatus and appliances	41	29	7	5
38	Transport equipment	98	58	26	14
39	Miscellaneous manufacturing industries ..	125	94	23	8
Total Manufacturing (a)		1,586	1,157	297	132
Rubber processing (b)		24	2	9	13
Total (a) + (b)		1,610	1,159	306	145
Granite quarrying (c)		16	2	11	3
Total (a) + (b) + (c)		1,626	1,161	317	148

5.6 DISTRIBUTION OF ESTABLISHMENTS BY VALUE OF OUTPUT, 1968
(Establishments engaging 10 or more workers)

Industrial Code	Industry Major Group	Total	Establishments with Output of (\$ Thousand)			
			Less than \$250	\$250-499	\$500-999	\$1,000 and over
20	Food	201	108	37	19	37
21	Beverage	27	12	4	4	7
22	Tobacco	11	4	1	1	5
23	Textiles	21	7	3	1	10
24	Footwear, other wearing apparel and made-up textile goods, except rubber footwear ..	192	135	34	11	12
25	Wood and cork	152	39	34	46	33
26	Furniture and fixtures	51	30	10	5	6
27	Paper and paper products	54	30	13	5	6
28	Printing, publishing and allied industries ..	153	102	28	15	8
29	Leather and leather products	22	9	4	2	7
30	Rubber products including rubber footwear ..	28	10	9	2	7
31	Chemicals and chemical products	87	26	16	14	31
32	Products of petroleum	9	-	1	1	7
33	Non-metallic mineral products	47	19	12	5	11
34	Basic metal	25	14	2	1	8
35	Metal products	138	69	21	23	25
36	Machinery	104	63	21	14	6
37	Electrical machinery, apparatus and appliances	41	19	7	4	11
38	Transport equipment	98	48	13	15	22
39	Miscellaneous manufacturing industries ..	125	55	26	23	21
	Total Manufacturing (a)	1,586	799	296	211	280
	Rubber processing (b)	24	-	1	-	23
	Total (a) + (b)	1,610	799	297	211	303
	Granite quarrying (c)	16	3	4	6	3
	Total (a) + (b) + (c)	1,626	802	301	217	306

5.7 OUTPUT OF SELECTED MANUFACTURED PRODUCTS: QUANTITY

(Establishments engaging 10 or more workers)

Commodities	Unit of Quantity	1962	1963	1964	1965	1966	1967	1968
Biscuits	'000 lbs.	11,947	15,230	16,360	16,880	17,652	21,119	22,936
Bread	"	20,587	31,122	33,689	34,258	38,589	38,973	44,024
Cigarettes	"	4,609	5,257	3,990	5,666	6,016	6,636	5,992
Soap	"	17,706	16,173	15,264	12,591	24,066	25,427	28,321
Bee Hoon (Vermicelli)	'000 pks.	25	18	25	20	18	20	20
Mee (Noodles) ..	"	22	27	26	22	29	38	42
Processed Rattan ..	"	172	173	142	138	123	145	161
Coconut Oil (Crude)	"	429	369	309	357	522	495	701
Cooking Oil and Coconut Oil (Refined)	"	259	306	444	306	407	480	495
Ice	'000 tons	148	152	129	128	138	145	144
Sawn Timber	"	159	234	261	296	369	379	489
Newspapers	'000 copies	81,527	81,992	83,261	92,098	100,082	98,038	82,068
Bricks	'000 pcs.	52,972	59,538	59,335	77,398	65,381	67,864	74,633

5.8 OUTPUT OF SELECTED MANUFACTURED PRODUCTS: VALUE

(Establishments engaging 10 or more workers)

\$ Thousand

Commodities	1962	1963	1964	1965	1966	1967	1968
Biscuits	4,434	6,722	6,271	6,623	6,603	8,531	9,184
Bread	4,390	6,204	6,841	6,992	7,855	8,021	8,542
Cakes	1,645	2,404	2,317	2,289	2,949	3,304	3,911
Bee Hoon (Vermicelli) ..	762	560	711	636	588	744	768
Mee (Noodles)	580	849	784	683	791	1,098	1,187
Soya Bean Sauce	2,315	2,704	2,667	3,044	2,686	2,999	3,796
Ice	2,405	2,609	2,286	2,248	2,373	2,574	2,531
Carbonated Drinks	10,187	13,328	12,382	13,608	14,437	15,848	19,081
Cigarettes	48,624	57,847	68,119	76,735	80,560	90,389	(1) 85,491
Sawn Timber	21,329	31,527	37,151	40,346	52,864	54,945	75,257
Processed Rattan	7,771	8,010	8,154	7,107	6,215	7,216	7,820
Paper Boxes	3,322	2,855	3,160	3,884	4,048	4,717	5,692
Newspapers	10,356	10,181	10,580	11,164	12,168	12,228	10,323
Coconut Oil (Crude)	17,038	16,538	15,389	19,935	23,218	23,636	37,935
Cooking Oil and Coconut Oil (Refined) ..	19,468	16,708	19,923	20,531	22,026	27,114	30,283
Soap	3,830	3,456	3,768	3,366	7,336	9,586	9,142
Bricks	4,382	4,883	5,418	6,505	5,588	4,832	5,807
Tin Cans	18,294	17,876	21,294	26,475	25,758	31,634	28,315
Wiremesh and Wire Fencing	3,920	5,901	6,442	6,519	8,329	6,371	10,749

(1) Excludes \$3.6 million excise duty.

5.9 QUARTERLY INDEX OF PRODUCTION OF MANUFACTURING ESTABLISHMENTS

(Base year 1968 = 100)

Industrial Code	Industry Major Group	Weights	1968				1969			
			1st Qr.	2nd Qr.	3rd Qr.	4th Qr.	1st Qr.	2nd Qr.	3rd Qr.	4th Qr.
20	Food	101.4	93.8	102.8	98.0	104.9	92.6	109.3	120.4	123.0
21	Beverage.. ..	48.4	100.1	103.7	96.6	99.7	102.8	105.8	106.6	110.2
22	Tobacco	36.6	102.0	104.0	95.0	99.0	86.7	95.5	92.7	101.8
23	Textiles.. ..	11.0	83.6	80.0	107.3	128.8	129.9	132.8	201.7	187.5
24	Footwear, other wearing apparel and made-up textile goods, except rubber footwear	37.0	90.5	89.9	130.4	88.6	90.2	135.3	130.9	190.8
25	Wood and cork	70.2	94.5	102.2	102.1	100.8	98.4	119.6	122.7	114.6
26	Furniture and fixtures.. ..	14.7	100.7	104.6	93.5	102.2	115.8	125.4	132.7	145.8
27	Paper and paper products	15.1	81.0	115.0	103.0	101.0	126.0	125.9	139.7	155.7
28	Printing, publishing and allied industries	61.4	101.6	91.9	96.4	109.6	98.8	96.1	98.4	110.6
29	Leather and leather products	4.9	99.0	95.0	100.0	105.9	108.7	109.5	98.6	119.5
30	Rubber products incl. rubber footwear	20.3	87.5	91.7	98.6	122.0	113.7	105.6	97.3	100.1
31	Chemicals and chemical products	63.5	88.4	98.7	105.3	107.5	118.0	130.3	135.0	140.5
32	Products of petroleum	164.1	94.5	99.1	103.3	103.1	106.8	101.7	104.7	105.0
33	Non-metallic mineral products	46.4	92.1	101.0	102.7	104.6	116.5	134.3	142.5	122.7
34	Basic metal	35.2	96.5	98.8	108.2	97.0	93.5	106.8	116.4	119.9
35	Metal products	71.5	85.9	96.5	103.4	114.0	107.4	133.3	121.7	146.4
36	Machinery	29.1	65.7	72.2	119.3	142.8	94.7	93.8	135.5	139.8
37	Electrical machinery, apparatus and appliances	28.5	80.7	103.6	106.2	109.5	97.4	135.5	157.3	169.1
38	Transport equipment	104.9	80.7	95.1	95.2	128.8	112.9	149.2	133.3	174.4
39	Miscellaneous manufacturing industries	35.8	87.0	100.9	96.9	115.1	115.1	125.7	138.2	137.9
	Total Manufacturing	1,000.0	90.9	98.1	102.2	108.7	104.6	118.1	121.5	131.2

5.10 PRINCIPAL STATISTICS OF PIONEER FIRMS

Year	Number of Firms	Number Employed	Output	Issued Capital	Capital Outlay (as at end of the year)
			\$ Thousand		
1964	113	5,416	220,415	156,273	180,155
1965	144	10,495	318,213	166,094	254,843
1966	137	11,102	490,301	291,099	326,756
1967	234 ⁽¹⁾	16,326	648,533	237,135	393,703
1968	255 ⁽¹⁾	22,952	1,015,333	370,502	477,760
1969	281 ⁽¹⁾	36,759	1,199,824	634,428	719,907

Source: Economic Development Board

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

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

\$ Thousand

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

Source: Economic Development Board

5.12 DISTRIBUTION OF EMPLOYMENT IN PIONEER FIRMS BY INDUSTRY AND OCCUPATION, 1968

(As at end of December)

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

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

Source: Economic Development Board

5.13 DISTRIBUTION OF EMPLOYMENT IN PIONEER FIRMS BY INDUSTRY, 1969

(As at end December)

Number

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

Source: Economic Development Board

5.14 CAPITAL OUTLAY IN FIXED ASSETS OF PIONEER FIRMS, 1969

\$ Thousand

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

Source: Economic Development Board

5.15 CAPITAL STRUCTURE OF PIONEER FIRMS, 1969

(As at end December)

\$ Thousand

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

6. ELECTRICITY, GAS AND WATER SUPPLY

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

Electricity

Electricity is generated at the main power stations in Pasir Panjang — Pasir Panjang A, Pasir Panjang B, — St. James, and the new power station at Jurong. Distribution is provided by means of a number of sub-stations in various parts of the island and one in Pulau Bukom. The total installed capacity as at end of 1969 was 584 megawatts. The installed capacity of the Jurong power station was 120 megawatts at end of 1969 and this is being increased in stages to an ultimate capacity of 480 megawatts, mainly to cater for the demand of the Jurong Industrial Complex.

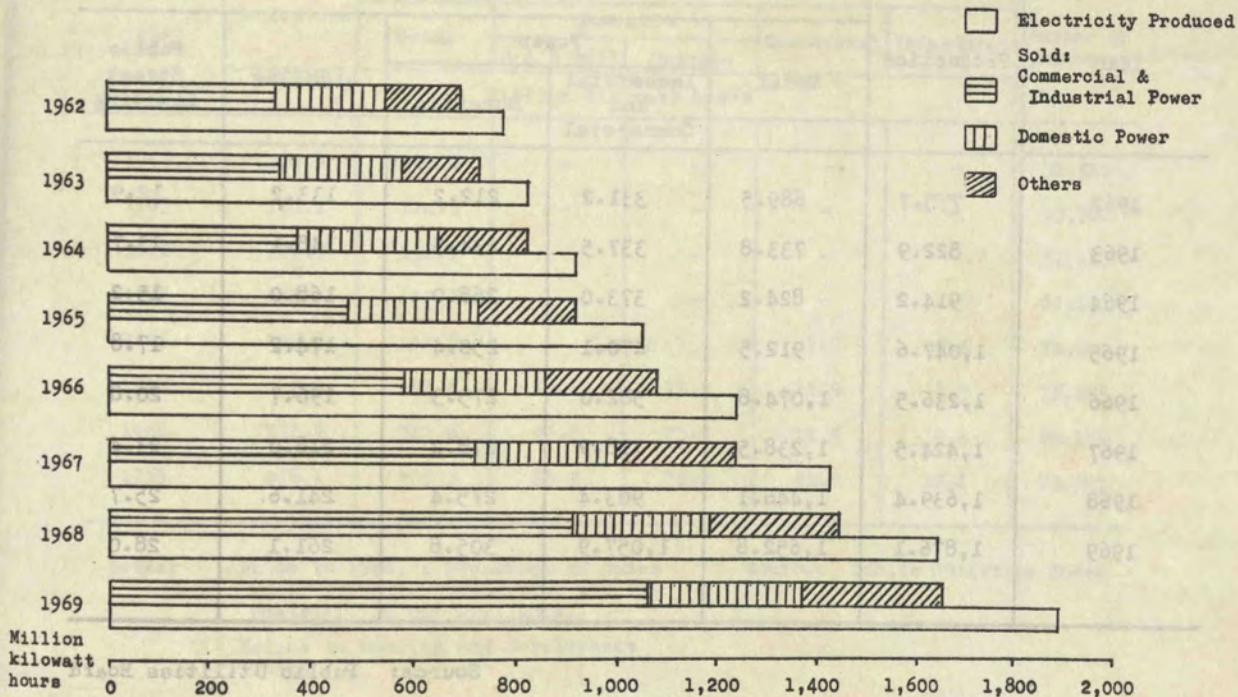
Gas

Gas is manufactured at the main gasworks in Kallang which has at present an installed capacity of 10.5 million cubic feet per day, and gas produced is stored in two main gas holders in Kallang and in Queenstown. There is also some production and distribution of bottled gas by private oil companies for domestic and private use but data on this is not included in the tables.

Water

The supply of natural water is drawn mainly from Tebrau, Scudai and Johore Rivers in Johore. There are, in addition, four impounding reservoirs in Johore and three in Singapore with a total storage capacity of about 10,000 million gallons. The water is purified, treated and distributed to the various types of consumers from five service reservoirs situated on the island.

ELECTRICITY PRODUCED & SOLD



6.1 ELECTRICITY PRODUCTION AND SALES

Million kilowatt hours

Year	Production	Sales				
		Total	Power		Lighting	Public Street Lighting
			Industrial and Commercial	Domestic		
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

Source: Public Utilities Board

6.2 GAS PRODUCTION AND SALES

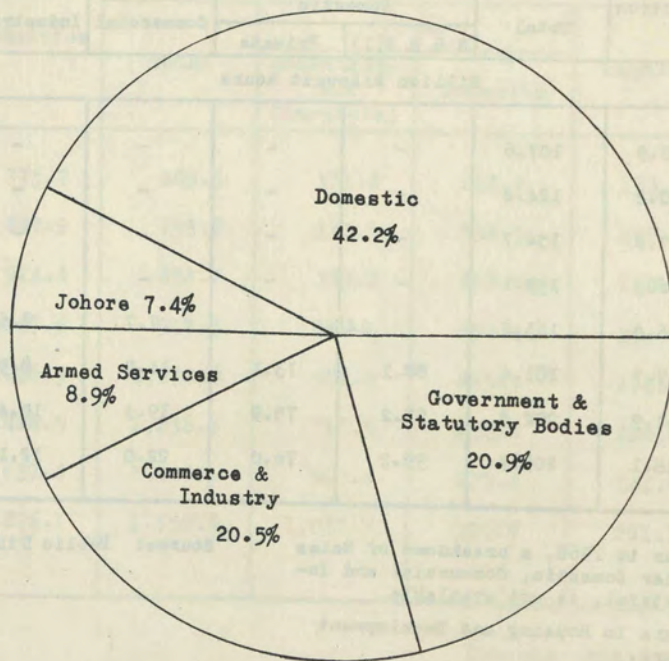
Year	Production	Sales					Number of Consumers
		Total	Domestic		Commercial	Industrial	
	H & D B(1)		Private				
Million kilowatt hours							
1962	120.9	107.6	-	-	-	-	31,576
1963	140.2	124.2	-	-	-	-	42,782
1964	167.9	154.7	-	-	-	-	51,117
1965	186.3	159.1	-	-	-	-	61,623
1966	206.0	165.2	148.9		7.7	8.6	71,240
1967	217.7	181.6	88.1	73.1	11.9	8.5	76,665
1968	237.9	202.8	97.2	75.9	19.3	10.4	80,256
1969	248.1	209.3	99.2	76.0	22.0	12.1	85,925

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

Sources: Public Utilities Board

(1) Refers to Housing and Development Board.

WATER CONSUMPTION, 1969



6.3 WATER CONSUMPTION

Million Gallons

	1962	1963	1964	1965	1966	1967	1968	1969
Singapore Government and Statutory Bodies	5,193	4,500	5,909	6,819	6,987	7,741	7,634	7,230
Domestic	9,514	8,578	10,541	11,997	12,409	12,023	13,252	14,549
Commerce and Industry	4,911	4,381	4,975	5,564	5,762	5,804	6,762	7,422
Armed Services	2,408	1,634	2,054	2,505	2,852	2,687	2,931	2,790
Johore (1)	1,386	1,512	1,620	2,025	2,066	2,175	2,464	2,513
Total	23,412	20,605	25,099	28,910	30,076	30,430	33,043	34,504
Average Per Day	70	61	74	82	88	92	99	103

(1) Include supplies to Johore Government and Tebrau Rubber Estate.

Source: Public Utilities Board

7. BUILDING CONSTRUCTION AND HOUSING

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

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

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

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

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

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

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

7.1 BUILDINGS COMMENCED AND COMPLETED

	1966		1967		1968		1969	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
Number of Units:								
Public -								
Residential	11,900	12,672	17,078	11,929	13,320	13,895	10,298	12,923
Non-Residential	1,723	276	1,834	2,078	1,083	1,619	985	593
Private -								
Residential	2,572	2,885	2,639	3,189	2,227	2,276	1,362	2,789
Non-Residential	193	179	190	200	188	157	173	170
Total -								
Residential	14,472	15,557	19,717	15,118	15,547	16,171	11,660	15,712
Non-Residential	1,916	455	2,024	2,278	1,271	1,776	1,158	763
Floor Area ('000 sq. ft.):								
Public -								
Residential	5,539	5,172	7,701	5,340	7,270	6,653	5,746	6,555
Non-Residential	2,848	1,504	2,743	2,471	3,276	2,019	4,010	2,350
Private -								
Residential	4,783	5,701	4,865	5,439	6,232	4,700	6,460	5,657
Non-Residential	1,304	1,586	1,924	1,422	2,603	1,703	3,307	1,964
Total -								
Residential	10,322	10,873	12,566	10,779	13,502	11,353	12,206	12,212
Non-Residential	4,152	3,090	4,667	3,893	5,879	3,722	7,317	4,314

7.2 RESIDENTIAL BUILDINGS COMMENCED AND COMPLETED

Private Sector

	1966		1967		1968		1969	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
Number of Units:								
Bungalows	163	200	157	237	175	134	164	158
Semi-detached	914	648	690	1,196	482	632	258	899
Terrace	912	700	1,048	1,049	1,042	671	475	1,100
Flats	569	1,301	741	692	520	832	427	630
Shophouses	11	32	-	13	-	-	25	-
Others	3	4	3	2	8	7	13	2
Total	2,572	2,885	2,639	3,189	2,227	2,276	1,362	2,789
Floor Area ('000 sq. ft.):								
Bungalows	524	502	495	621	686	434	595	543
Semi-detached	1,745	1,237	1,411	2,097	1,175	1,261	682	2,037
Terrace	1,615	1,232	1,935	1,768	1,806	1,307	877	2,055
Flats	783	2,643	984	920	813	1,089	1,374	926
Shophouses	25	67	-	30	-	-	61	-
Others	91	20	40	3	1,752	609	2,871	96
Total	4,783	5,701	4,865	5,439	6,232	4,700	6,460	5,657

7.3 NON-RESIDENTIAL BUILDINGS COMMENCED AND COMPLETED

Private Sector

	1966		1967		1968		1969	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
Number of Units:								
Commercial	138	109	136	146	125	85	103	109
Industrial	39	43	31	37	48	43	48	44
Educational	4	8	9	6	6	12	5	5
Others	12	19	14	11	9	17	17	12
Total	193	179	190	200	188	157	173	170
Floor Area ('000 sq. ft.):								
Commercial	344	591	734	292	999	422	1,584	511
Industrial	803	591	726	798	1,262	844	1,130	1,087
Educational	47	260	282	217	68	156	185	232
Others	110	144	182	115	274	281	408	134
Total	1,304	1,586	1,924	1,422	2,603	1,703	3,307	1,964

7.4 BUILDINGS COMMENCED AND COMPLETED

Public Sector

	1966		1967		1968		1969	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
Number of Units:								
Residential -								
Flats	11,420	12,227	16,431	11,423	12,936	13,296	9,988	12,437
Shophouses	457	400	487	392	384	359	309	437
Others	23	45	160	114	-	240	1	49
Total	11,900	12,672	17,078	11,929	13,320	13,895	10,298	12,923
Non-Residential -								
Commercial	1,660	217	1,622	2,003	971	1,424	862	499
Industrial	27	17	140	23	59	125	39	26
Educational	20	19	5	21	4	10	29	17
Others	16	23	67	31	49	60	55	51
Total	1,723	276	1,834	2,078	1,083	1,619	985	593
Floor Area								
('000 sq. ft.):								
Residential -								
Flats	5,047	4,625	7,061	4,927	6,790	6,002	5,283	6,013
Shophouses	463	441	534	349	480	432	461	493
Others	29	106	106	64	-	219	2	49
Total	5,539	5,172	7,701	5,340	7,270	6,653	5,746	6,555
Non-Residential -								
Commercial	629	184	279	186	512	345	997	472
Industrial	695	316	1,902	630	1,231	833	1,078	785
Educational	1,292	803	184	1,420	386	644	712	379
Others	232	201	378	235	1,147	197	1,223	714
Total	2,848	1,504	2,743	2,471	3,276	2,019	4,010	2,350

7.5 UNITS UNDER MANAGEMENT BY HOUSING AND DEVELOPMENT BOARD

As at end of year	Dwellings					Shops	Miscellaneous (including open hawkers pitches)(1)
	Total	One room	Two rooms	Three rooms	Four rooms and over		
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	4,630

(1) Excluding land tenancies.

Source: Housing & Development Board

8. EXTERNAL TRADE

Source of Data

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

- (i) Postal packages are based on particulars supplied by the postal authorities;
- (ii) Bunkers and stores supplied to non-Singapore registered ships and aircraft are compiled from statements furnished by ships and aircraft agents; and
- (iii) Ships and aircraft are based on records of ships and aircraft registrations.

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 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.

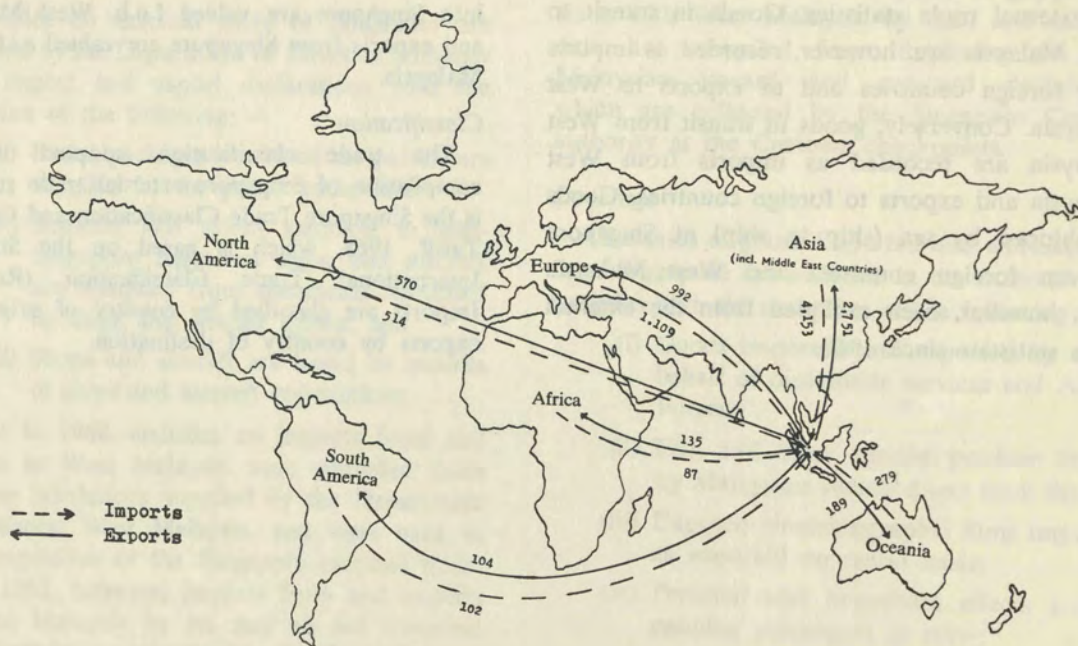
Valuation

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.

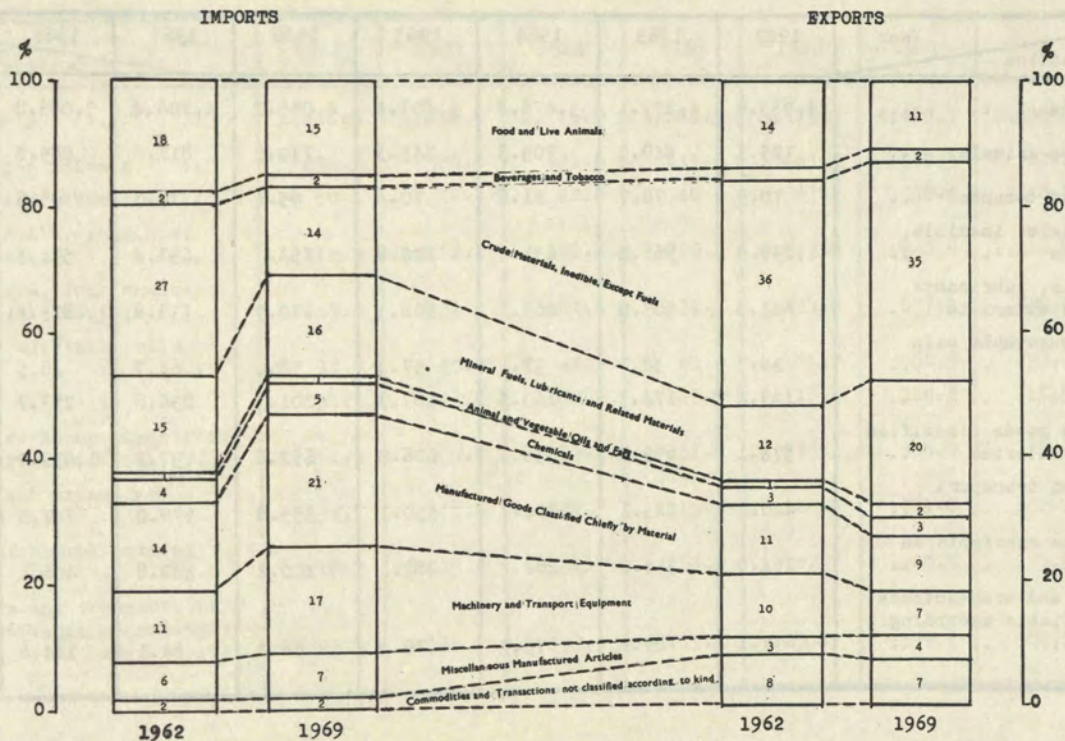
Classification

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, 1969
\$ Million



TRADE BY COMMODITY SECTIONS



8.1 IMPORTS BY COMMODITY SECTIONS

\$ Million

Commodity Section	Year	1962	1963	1964	1965	1966	1967	1968	1969
Total Imports		4,035.8	4,279.1	3,478.8	3,807.2	4,065.7	4,406.4	5,083.8	6,243.6
Food and live animals ..		725.3	849.3	705.5	743.3	770.2	811.8	889.2	907.1
Beverages and tobacco ..		70.9	78.7	61.6	70.4	65.1	73.8	95.5	129.1
Crude materials, inedible, except fuels		1,099.8	968.0	631.9	702.8	753.3	637.4	594.5	889.6
Mineral fuels, lubricants and related materials ..		601.5	585.0	469.7	508.3	620.9	738.8	875.4	983.4
Animal and vegetable oils and fats		36.7	38.7	37.1	57.4	58.0	64.7	48.5	73.6
Chemicals		149.2	174.3	163.5	187.3	201.3	236.8	253.7	306.1
Manufactured goods classified chiefly by material ..		573.1	659.0	556.1	626.0	652.8	797.2	1,059.0	1,313.3
Machinery and transport equipment		448.2	523.1	494.7	550.1	555.8	579.0	747.3	1,089.0
Miscellaneous manufactured articles		254.0	314.0	282.7	282.1	300.2	382.8	406.1	428.8
Commodities and transactions not classifiable according to kind		77.1	89.0	75.9	79.6	88.1	84.1	114.6	123.6

8.2 EXPORTS BY COMMODITY SECTIONS

\$ Million

Commodity Section \ Year			1962	1963	1964	1965	1966	1967	1968	1969
Total Exports	..	..	3,416.8	3,474.5	2,771.9	3,004.1	3,373.6	3,490.5	3,890.7	4,740.7
Food and live animals	..	..	494.6	578.7	421.0	435.8	463.4	519.3	502.2	525.4
Beverages and tobacco	..	..	60.6	52.2	42.4	46.3	43.5	39.4	48.2	73.0
Crude materials, inedible, except fuels	..	..	1,215.0	1,114.7	781.4	819.2	942.0	940.8	1,114.9	1,655.0
Mineral fuels, lubricants and related materials	..	..	415.6	432.8	362.6	431.1	593.6	677.1	809.8	930.9
Animal and vegetable oils and fats	..	..	38.6	40.9	44.0	60.0	66.7	68.9	93.4	84.4
Chemicals	..	..	94.5	103.8	100.2	109.6	117.4	114.5	119.5	138.6
Manufactured goods classified chiefly by material	..	..	381.1	409.7	359.2	357.0	370.1	359.9	389.9	417.1
Machinery and transport equipment	..	..	334.7	340.8	284.1	315.0	320.3	271.0	252.7	349.6
Miscellaneous manufactured articles	..	..	118.8	139.2	137.7	153.0	162.7	160.5	175.6	212.2
Commodities and transactions not classifiable according to kind	..	..	263.3	261.7	239.3	277.1	293.9	339.1	384.5	354.5

8.3 IMPORTS BY MAJOR COUNTRIES OF ORIGIN

\$ Million

	1962	1963	1964	1965	1966	1967	1968	1969
Cambodia	30.3	34.3	38.5	46.4	38.2	30.1	19.0	16.9
China	156.2	211.7	196.5	224.5	271.7	385.8	460.0	418.5
Formosa	22.4	47.1	40.2	33.8	33.2	48.0	76.8	81.8
Hong Kong	107.9	122.4	114.4	109.0	112.9	125.6	144.5	165.9
India	59.8	112.5	102.0	57.5	55.6	53.2	53.4	57.5
Iran	56.9	68.2	74.4	102.7	114.6	151.2	138.1	177.5
Japan	366.7	407.9	364.4	421.2	463.7	548.1	692.3	1,018.9
Kuwait	123.3	156.8	122.8	133.9	154.8	223.1	340.1	347.9
Malaysia:								
West Malaysia ..	727.7	756.6	791.9	884.9	943.5	839.6	810.1	1,089.7
East Malaysia ..	143.6	127.3	185.0	224.1	222.9	230.2	239.7	306.5
Saudi Arabia	16.1	17.2	33.0	26.8	48.3	30.8	47.5	44.3
Thailand	119.9	122.3	130.1	147.4	161.9	145.4	166.2	167.9
Australia	127.3	152.7	160.5	166.0	189.3	197.8	216.5	241.3
France	34.4	30.6	31.2	39.1	35.8	42.0	44.8	76.6
West Germany	98.6	112.0	91.0	104.4	111.4	128.2	129.7	212.2
Italy	38.4	38.6	27.6	35.4	33.4	42.9	55.8	66.6
Netherlands	68.6	82.5	63.0	49.7	78.2	77.4	79.0	72.3
Switzerland	47.2	49.5	48.5	47.1	42.7	62.9	54.4	61.6
United Kingdom ..	384.7	427.2	349.8	413.9	408.1	354.5	396.1	421.3
U.S.A.	201.3	225.9	193.2	193.4	210.7	247.6	347.8	494.2
Other Countries ..	1,104.5	975.8	320.7	346.0	334.8	442.0	572.0	704.2
Total Imports	4,035.8	4,279.1	3,478.7	3,807.2	4,065.7	4,406.4	5,083.8	6,243.6

8.4 EXPORTS BY MAJOR COUNTRIES OF DESTINATION

\$ Million

	1962	1963	1964	1965	1966	1967	1968	1969
Brunei	20.0	26.2	35.1	42.1	48.5	52.4	55.5	66.5
China	2.3	16.3	1.0	22.4	137.2	95.8	81.2	174.8
Hong Kong ..	70.4	90.4	156.3	132.8	120.4	116.9	141.7	143.0
India	44.7	36.3	23.9	25.2	26.9	19.8	19.4	37.0
Japan	160.6	136.7	95.0	112.2	123.3	156.1	274.4	336.3
Malaysia:								
West Malaysia ..	941.5	1,011.1	925.5	938.6	907.6	824.8	756.0	779.4
East Malaysia ..	171.3	214.3	233.9	281.7	287.5	272.5	267.0	308.4
Thailand	91.1	95.8	91.2	68.0	117.6	129.6	171.5	177.8
Vietnam, Rep. of	51.6	63.4	65.5	112.0	256.4	305.1	350.2	447.5
Australia ..	80.9	86.7	77.7	93.8	70.3	73.0	89.3	123.0
New Zealand ..	36.8	36.4	36.0	31.2	28.1	29.1	15.0	31.1
France	72.0	61.7	48.5	46.0	61.9	55.1	60.5	92.5
West Germany ..	69.1	70.3	48.0	57.9	48.8	53.5	81.9	114.6
Italy	70.6	70.9	39.2	43.7	43.1	55.0	45.4	58.4
Netherlands ..	47.7	54.0	24.9	34.9	50.3	62.8	86.3	67.1
Norway	23.5	20.6	19.4	21.2	21.7	26.5	26.6	17.4
United Kingdom ..	216.8	202.9	183.1	192.4	184.8	211.7	245.5	273.7
U.S.S.R.	136.3	154.9	75.5	126.6	110.6	89.9	111.0	129.1
Canada	36.1	32.7	25.7	26.7	33.9	33.9	47.9	61.3
U.S.A.	283.6	231.8	116.5	124.9	161.5	244.0	329.5	508.5
Other Countries ..	789.9	761.1	450.0	469.8	533.2	583.0	634.9	793.3
Total Exports	3,416.8	3,474.5	2,771.9	3,004.1	3,373.6	3,490.5	3,890.7	4,740.7

8.5 IMPORTS OF PRINCIPAL COMMODITIES

\$ Thousand

Commodity Items	Year	1962	1963	1964	1965	1966	1967	1968	1969
Crude rubber finished grades, including latex		860,889	762,520	490,260	549,137	575,225	441,958	383,574	629,552
Pepper unground, black & white		39,920	51,533	22,257	40,401	31,937	34,901	31,811	57,589
Palm oil		21,913	25,464	23,594	37,605	39,865	42,297	23,703	48,161
Pineapples canned		26,590	27,638	31,102	39,029	42,438	42,196	46,799	45,184
Wood in the rough		19,275	24,850	27,012	31,211	42,312	53,230	66,142	76,090
Rice		144,886	170,815	105,493	110,893	114,711	139,304	164,897	113,316
Sugar, refined & unrefined		28,206	75,541	59,602	29,970	24,563	31,241	46,233	40,898
Fresh oranges, tangerines and mandarins		14,441	15,881	17,614	17,077	20,129	21,923	18,010	21,427
Fish, fresh		15,133	15,750	19,028	23,165	20,615	17,656	17,646	17,022
Iron & steel plates, uncoated		12,652	13,650	19,660	26,569	25,706	33,075	37,565	51,150
Motor cars, new		58,197	69,978	60,054	66,429	56,415	39,309	52,761	78,687
Cotton piece goods		105,148	125,405	102,436	105,410	98,703	138,281	186,093	201,055
Fabrics of synthetic fibres		80,253	89,396	75,648	83,361	113,089	150,561	257,061	359,243
Wheat unmilled		766	4,048	20,583	32,620	44,558	45,604	57,070	46,432
Animal fodder		55,840	59,750	90,626	109,907	100,620	81,793	86,108	93,022
Petroleum products		450,086	432,024	377,362	401,792	468,547	509,480	497,452	593,514
Watches		37,140	37,712	38,684	42,037	42,905	57,396	52,119	58,351

8.6 EXPORTS OF PRINCIPAL COMMODITIES

\$ Thousand

Commodity Items	Year	1962	1963	1964	1965	1966	1967	1968	1969
Crude rubber finished grades, including latex		1,068,219	957,340	636,349	666,435	752,554	744,753	832,066	1,313,645
Cocunut oil, crude & refined		14,226	13,311	14,031	17,935	23,911	21,737	45,730	27,739
Coffee not roasted ..		61,202	95,507	28,628	27,924	60,539	126,746	100,781	110,141
Pepper unground, black & white		57,811	59,242	30,406	48,020	48,986	62,663	70,646	67,299
Palm oil		19,532	22,616	24,924	35,814	36,335	38,952	39,608	49,354
Pineapples canned		34,324	35,541	37,127	46,839	48,714	45,256	47,565	48,781
Sawn timber (lumber) ..		21,085	29,154	41,334	48,724	51,535	49,566	69,265	94,978
Rice		79,478	87,745	44,274	39,974	44,090	41,754	42,904	25,652
Flashlight batteries ..		7,732	8,873	7,619	7,870	16,288	17,998	16,528	18,736
Cotton piece goods ..		70,920	83,912	68,756	66,242	54,747	50,644	54,245	65,435
Fabrics of synthetic fibres		49,907	39,283	39,557	33,426	33,363	34,494	47,626	67,332
Cotton underwear		10,097	14,049	19,456	22,699	21,988	20,091	25,168	32,096
Tin ore		6,824	6,963	6,793	8,580	17,681	19,354	21,886	8,678
Petroleum products ..		354,981	376,613	361,624	429,695	591,606	675,472	806,717	927,529
Tinplate prime		1,125	3,947	3,832	5,288	8,002	5,629	10,116	10,768
Excavators, borers, levellers, bulldozers, etc. ..		14,133	7,463	7,269	16,605	18,944	20,838	16,616	19,603

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, salvage vessels, troopships and luxury yachts. 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 Cargo".

Civil Air Traffic

Air Traffic movements are compiled from data supplied by the Department of Civil Aviation and relate only 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.
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

CARGO DISCHARGED AND LOADED

 = 2 Million Freight Tons

Discharged		Loaded
      	1962	   
      	1963	   
     	1964	   
      	1965	   
       	1966	    
        	1967	     
         	1968	     
          	1969	      

9.2 CARGO DISCHARGED AND LOADED BY SHIPS

Thousand Freight Tons

Year	Discharged								
	General and Other Cargo			Mineral Oil-in-Bulk			Total Discharged		
	Total	Roads	Wharves	Total	Roads	Wharves	Total	Roads	Wharves
1962	4,768.2	2,088.7	2,679.5	8,635.4	8,299.5	335.8	13,403.6	10,388.2	3,015.3
1963	4,784.2	1,970.4	2,813.8	8,956.1	8,602.0	354.1	13,740.3	10,572.4	3,167.9
1964	3,916.9	1,400.4	2,516.5	7,965.2	7,581.0	384.2	11,882.1	8,981.4	2,900.7
1965	4,226.6	1,456.3	2,770.3	9,133.4	8,759.5	373.9	13,360.0	10,215.8	3,144.2
1966	4,169.8	1,487.6	2,682.2	12,373.7	11,928.5	445.2	16,543.5	13,416.1	3,127.4
1967	4,315.5	1,578.5	2,737.0	14,081.8	13,693.8	388.0	18,397.3	15,272.3	3,125.0
1968	4,638.6	1,598.2	3,040.4	17,039.5	16,458.9	580.6	21,678.2	18,057.2	3,621.0
1969	5,025.6	1,776.7	3,248.9	17,543.8	16,949.0	594.8	22,569.4	18,725.7	3,843.7

Year	Loaded								
	General and Other Cargo			Mineral Oil-in-Bulk			Total Loaded		
	Total	Roads	Wharves	Total	Roads	Wharves	Total	Roads	Wharves
1962	2,701.3	658.9	2,042.4	4,962.2	4,943.6	18.6	7,663.5	5,602.5	2,061.0
1963	2,835.6	759.2	2,076.4	5,017.8	5,004.0	13.8	7,853.4	5,763.2	2,090.2
1964	2,080.0	337.0	1,743.0	4,089.0	4,089.0	-	6,169.0	4,426.0	1,743.0
1965	2,186.0	359.5	1,826.5	5,794.3	5,794.3	-	7,980.3	6,153.8	1,826.5
1966	2,570.9	620.8	1,950.1	7,523.6	7,523.6	-	10,094.5	8,144.4	1,950.1
1967	2,980.5	803.3	2,177.2	8,962.5	8,962.5	-	11,943.0	9,765.8	2,177.2
1968	3,463.9	893.8	2,570.1	10,495.3	10,495.3	-	13,959.3	11,389.2	2,570.1
1969	3,670.5	1,066.2	2,604.3	11,664.3	11,664.3	-	15,334.8	12,730.5	2,604.3

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					
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

9.4 CIVIL AIR TRAFFIC STATISTICS: MAIL AND FREIGHT

Thousand Lbs.

Year	Mail				Freight			
	Landed		Despatched		Landed		Despatched	
	West Malaysia	Other Countries	West Malaysia	Other Countries	West Malaysia	Other Countries	West Malaysia	Other Countries
1962	332	1,620	398	1,280	484	4,227	3,912	4,065
1963	318	1,588	409	1,220	350	5,302	2,711	4,330
1964	318	1,153	413	840	342	5,799	2,823	3,702
1965	374	1,397	434	1,093	523	6,885	3,121	4,757
1966	378	1,232	418	1,194	544	6,822	2,005	7,693
1967	441	1,604	429	1,675	608	8,228	1,561	9,212
1968	445	2,009	452	2,175	732	9,920	1,318	10,948
1969	347	2,310	542	2,732	848	13,069	1,388	17,565

9.5 ARRIVALS AND DEPARTURES OF PASSENGERS BY AIR AND SEA

Persons

Year	Arrivals			Departures		
	Total	Air	Sea	Total	Air	Sea
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

Notes:-

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

9.6 ARRIVALS AND DEPARTURES OF PASSENGERS BY AIR

Persons

Country	Year	1965		1966		1967		1968		1969	
		From	To	From	To	From	To	From	To	From	To
United Kingdom		12,421	10,776	10,315	10,640	11,213	12,844	11,737	15,251	16,440	19,219
Other Countries in Europe		5,045	5,875	6,533	7,443	10,118	10,521	13,307	15,918	21,664	24,344
Africa		1,013	1,301	375	741	386	564	403	461	373	175
Pakistan, India and Ceylon		13,411	14,736	14,857	15,946	17,143	20,011	18,445	21,936	21,506	23,471
Thailand		24,311	25,233	28,198	30,104	36,450	36,700	41,589	41,840	53,337	52,712
Hong Kong		26,262	23,617	27,827	25,986	31,308	28,670	34,960	34,201	42,750	43,977
Philippines		5,783	4,706	6,545	5,471	8,267	7,006	9,746	8,529	12,980	11,762
Japan		2,914	2,236	2,671	2,866	3,759	4,354	5,901	6,027	9,389	9,752
Brunei and East Malaysia		23,654	23,747	28,619	27,997	33,783	32,162	36,944	35,535	39,665	38,688
Indonesia		3,677	1,635	6,568	4,736	26,638	24,382	39,923	39,270	71,785	70,366
Other Countries in Asia ..		6,024	6,497	17,257	17,995	30,860	31,487	39,841	39,506	51,322	52,184
Countries in Oceania ..		22,991	25,834	26,790	29,764	32,564	37,527	43,546	46,361	51,443	57,243
Other Countries		656	958	687	906	921	1,055	858	860	1,081	1,091
Total		148,162	147,151	177,242	180,595	243,410	247,283	297,200	305,695	393,735	404,984

Notes:- See notes to Table 9.5

9.7 ARRIVALS AND DEPARTURES OF PASSENGERS BY SEA

Persons

Country	Year	1965		1966		1967		1968		1969	
		From	To	From	To	From	To	From	To	From	To
United Kingdom		1,947	2,414	2,327	2,592	1,435	2,033	1,216	1,816	737	1,295
Other Countries in Europe		667	2,023	996	2,061	784	1,500	548	1,453	444	1,112
Africa		299	190	409	179	211	173	111	181	92	113
Pakistan, India and Ceylon		4,801	16,262	4,535	17,018	6,015	17,819	4,703	16,662	5,497	15,233
Thailand		178	146	344	103	342	23	560	146	131	55
Hong Kong		4,456	5,912	4,777	5,829	3,338	4,719	3,343	4,386	3,970	4,920
China		2,150	4,210	2,615	5,169	2,301	4,324	2,517	5,029	2,942	6,199
Japan		1,300	2,161	1,599	2,025	1,179	1,488	605	1,269	923	822
Brunei and East Malaysia		12,222	14,557	11,452	12,859	10,470	14,723	9,855	14,116	9,686	11,868
Indonesia		205	40	175	108	903	835	2,682	2,899	4,829	4,772
Other Countries in Asia ..		2,853	2,598	1,968	2,888	1,493	2,690	988	2,422	786	2,030
Countries in Oceania ..		3,292	3,277	4,216	3,655	4,127	3,998	3,802	3,287	4,394	4,428
Other Countries		406	453	330	258	526	241	215	143	316	248
Total		34,776	54,243	35,743	54,744	33,124	54,566	31,145	53,809	34,747	53,095

Notes:- See notes to Table 9.5

9.8 VISITORS BY AIR AND SEA

(By country of embarkation)

Persons

Country of Embarkation	1965		1966		1967		1968		1969	
	Air	Sea	Air	Sea	Air	Sea	Air	Sea	Air	Sea
West Malaysia	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	44,930	1,407
Sarawak, Brunei and Sabah (including Labuan) ..	8,066	1,956	9,586	1,984	11,458	2,036	11,595	1,818	30,767	7,517
India, Pakistan and Ceylon	6,041	456	8,064	643	12,738	1,315	14,472	1,042	17,644	1,479
Hong Kong	14,383	1,598	15,392	1,363	21,915	1,248	25,072	1,173	31,097	2,089
Indonesia	3,445	329	6,115	323	23,698	2,834	35,322	6,418	62,636	9,617
Japan	2,961	766	3,093	571	4,289	534	5,196	535	8,265	522
Australia, New Zealand and Papua (including Christmas and Cocos Islands) ..	17,675	2,422	21,925	3,042	28,664	2,687	38,393	1,949	46,904	2,784
Thailand, Philippines, Burma, Vietnam, Laos and Cambodia	21,496	360	37,527	306	64,357	319	76,025	334	89,511	171
Middle East Countries ..	463	14	533	29	687	95	1,450	19	n.a.	n.a.
United Kingdom	9,064	212	9,464	405	12,272	393	13,364	284	15,955	218
Other Countries in Europe	3,692	515	4,603	416	8,441	379	11,550	197	17,733	145
U.S.A. (including Hawaii)	1,014	520	1,227	391	977	395	1,022	417	1,461	406
Africa	274	272	205	384	211	197	398	165	409	66
Other Countries n.e.c. ..	385	102	955	124	2,481	232	2,758	167	13,666	1,310
Total	88,959	9,522	118,689	9,981	192,188	12,664	236,617	14,518	380,978	27,731

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 CITIZENSHIP

Persons

Citizenship			1964	1965	1966	1967	1968	1969
West Malaysia	..	..	n.a.	n.a.	n.a.	n.a.	n.a.	24,967
East Malaysia	..	..	n.a.	n.a.	n.a.	n.a.	n.a.	16,039
Brunei	..	..	1,075	2,089	2,205	2,935	2,626	3,181
Indonesia	..	..	106	88	483	17,288	24,305	44,592
Japan	..	..	7,101	7,831	8,529	12,273	15,219	25,546
India	..	..	4,069	4,585	6,412	10,432	12,336	16,207
Pakistan	..	..	730	630	795	998	1,206	1,559
Ceylon	..	..	564	905	1,764	2,797	2,991	3,581
China	..	..	2,590	2,836	3,114	4,062	4,970	7,601
Thailand	..	..	969	887	1,118	1,977	2,862	3,468
Philippines	..	..	533	803	1,479	2,669	3,521	4,765
Burma	..	..	200	201	176	464	367	n.a.
Australia	..	..	12,532	13,699	18,957	26,768	33,086	46,517
New Zealand	..	..	2,184	2,199	3,264	4,072	4,864	6,228
United Kingdom	..	..	17,545	21,297	23,751	29,803	34,404	49,477
U.K. dependencies n.e.c.	..	..	6,480	3,232	3,667	5,738	6,554	5,909
France	..	..	1,416	1,858	2,762	3,335	4,642	6,485
Germany	..	..	1,354	2,157	2,692	3,813	4,512	7,214
Italy	..	..	830	866	1,177	1,596	2,127	2,891
Netherlands	..	..	1,796	2,153	2,534	4,015	4,877	7,023
Other Countries in Europe n.e.c.	..	..	2,821	3,381	4,364	6,964	10,125	15,660
U.S.A.	..	..	21,554	22,513	33,850	53,548	64,122	90,883
Canada	..	..	1,422	1,410	1,794	2,535	3,228	5,009
Other Countries n.e.c.	..	..	3,000	2,861	3,783	6,770	8,191	13,907
Total			90,871	98,481	128,670	204,852	251,135	408,709

Notes: See notes to Table 9.8

9.10 VISITORS BY PURPOSE OF VISIT

Persons

Year	Total	Holiday/ Social	Business	Profess- ional	Education	Transit	Dependents of persons coming for employment	Others
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

Notes: See notes to Table 9.8

Classification of visitors by purpose of visit has been revised as from 1st January, 1969.

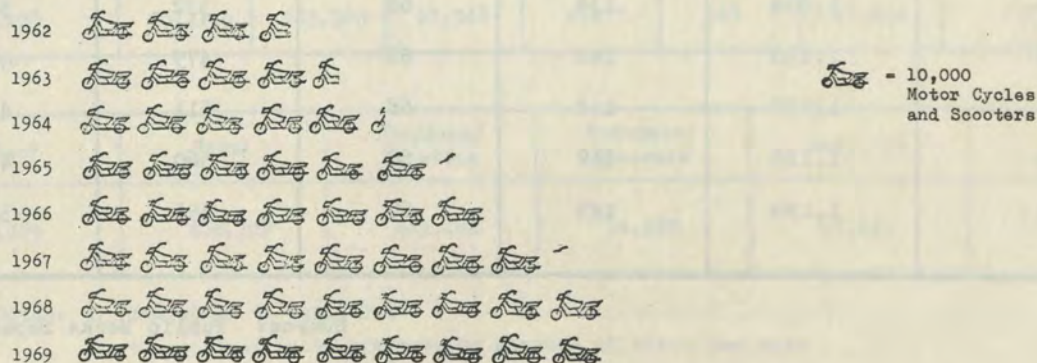
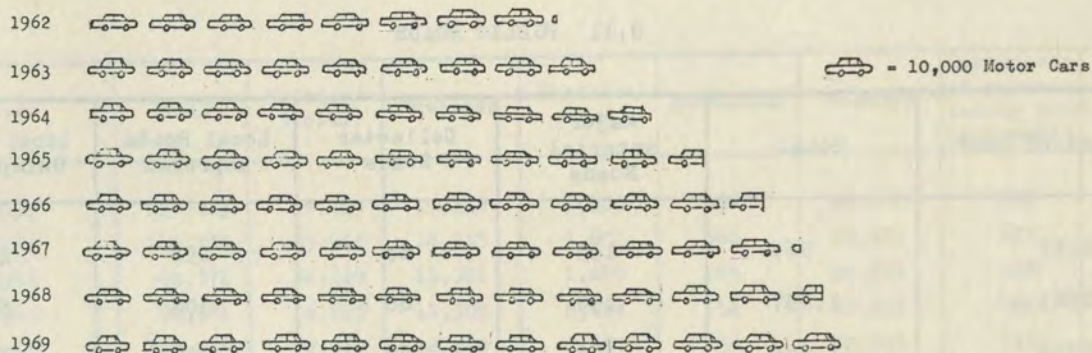
9.11 PUBLIC ROADS

Miles

At end of year	Total	Major Arterial Roads	Collector Roads	Local Roads Improved	Local Roads Unimproved
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

Source: Public Works Department

VEHICLES REGISTERED



9.12 VEHICLES REGISTERED

Year	Motor Cars		Buses	Goods Vehicles	Motor Cycles and Scooters	Bicycles	Trishaws	Number
	Private	Public						Road Rollers and Tractors
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	90,265	362,172	3,397	296

Source: Registry of Vehicles

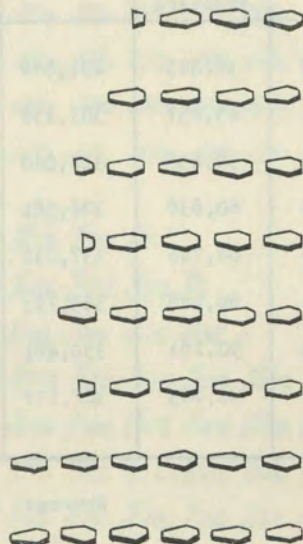
ROAD CASUALTIES

 = 50 persons

 = 2,000 persons

KILLED

INJURED



1962

1963

1964

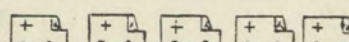
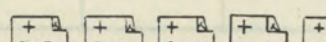
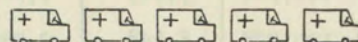
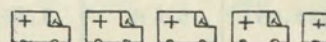
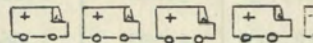
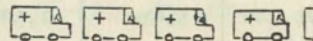
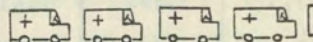
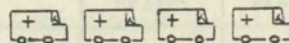
1965

1966

1967

1968

1969



9.13 ROAD CASUALTIES

Year	Persons													
	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
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

Source: Police Department

9.14 POSTAL ARTICLES HANDLED

Thousand

Class of Correspondence	1962	1963	1964	1965	1966	1967	1968	1969
Letters	44,481	45,859	47,340	48,254	48,903	51,558	54,658	55,857
Postcards	1,132	1,485	1,589	1,236	1,040	1,581	1,216	1,514
Printed Matters ..	42,862	46,934	49,083	55,783	68,176	66,732	71,843	86,231
Airmail Correspondence 1st Class ..	25,338	26,732	29,378	26,613	23,493	41,435	36,464	37,208
Registered Articles	5,059	4,889	4,846	4,997	5,206	5,796	6,645	6,921
Parcels	1,262	1,304	1,215	1,399	1,468	1,745	1,523	1,657
Unregistered Government Franked Correspondence	15,884	16,372	15,449	19,364	21,958	23,699	25,277	29,614
Others	1	2	3	8	8	9	8	7
Total	136,019	143,577	148,903	157,654	170,252	192,555	197,634	219,009

Source: Postal Department

9.15 COMMUNICATIONS

Thousand

Year	Telegrams				International Telephone Calls		Telex Calls				Total Number of Telephones
	Incoming		Outgoing		Incoming	Outgoing	Incoming		Outgoing		
	West Malaysia	Inter-national	West Malaysia	Inter-national			West Malaysia	Inter-national	West Malaysia	Inter-national	
1963	526	640	507	653	41	39	n.a.	n.a.	12	19	74
1964	534	543	556	551	36	35	n.a.	n.a.	16	24	79
1965	537	550	576	550	60	54	15	n.a.	17	26	87
1966	486	609	436	607	76	67	16	n.a.	18	29	95
1967	422	730	421	705	102	99	21	45	24	38	106
1968	354	778	361	750	129	128	23	54	30	47	119
1969	331	826	357	798	176	167	25	77	31	66	136

Source: Telecommunications Department
Singapore Telephone Board

10. BANKING AND INSURANCE

Banking

Banking Statistics are compiled from returns submitted to the Commissioner of Banknig by the various commercial banks operating in Singapore. Prior to 1965, when there were no central banking facilities, the banking schedules were submitted to the Department of Statistics for compilation. From the beginning of 1965, the compilation was undertaken by Bank Negara Malaysia, till the establishment of the office of the Commissioner of Banking, Singapore, in June 1967.

Insurance

Comprehensive data on insurance are collected and compiled by the Commissioner of Insurance from 1965. During the earlier period from 1961-1964, however, some basic information on insurance was collected and compiled by the Department of Statistics. The coverage of the statistics prior to and after 1965 are not fully comparable.

Post Office Savings Bank

The Post Office Savings Bank was set up by

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

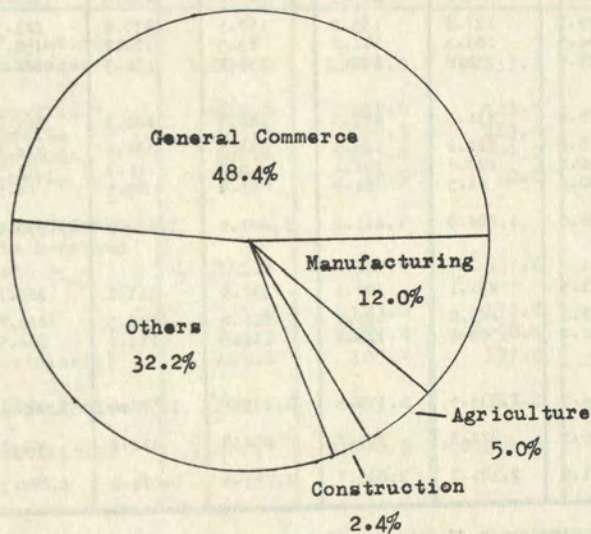
Central Provident Fund

Under the Central Provident Fund Ordinance, all employers and all employees, except those on the pensionable establishment in the Civil Service and those contributing to approved funds, are liable to contribute to the Fund.

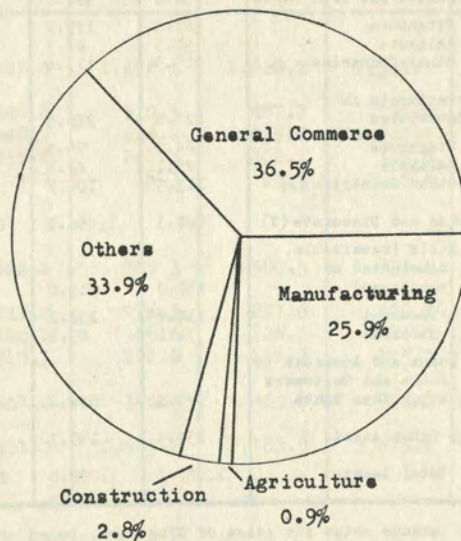
Members are entitled to withdraw from the Fund, provided the Board is satisfied that such persons have attained the age of fifty-five or are physically or mentally incapacitated from ever continuing in any employment. Non-citizens leaving Singapore and West Malaysia permanently with no intention to return are also normally allowed to withdraw from the Fund.

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

LOANS & ADVANCES OF COMMERCIAL BANKS



1962



1969

10.1 DETAILS OF ASSETS OF COMMERCIAL BANKS
(As at end of December)

\$ Million

	1962	1963	1964	1965	1966	1967	1968	1969
Cash (1)	48.5	49.4	30.1	30.2	29.9	45.1	38.0	48.0
Balances Due from Banks (2)	453.8	397.0	413.2	361.1	415.5	387.7	499.6	520.8
Singapore	187.4	179.1	179.1	127.8	155.2	152.5	238.4	243.3
Malaysia	50.5	44.3	84.5	103.3	111.2	83.3	124.9	152.7
Other Countries	215.9	173.6	149.6	130.0	149.1	151.9	136.3	124.8
Investments in Securities	227.6	229.5	316.0	431.5	429.5	488.9	880.3	821.9
Singapore	89.2	98.5	110.0	112.2	140.5	394.5	784.5	724.1
Malaysia	25.1	22.8	106.0	227.8	197.1	8.8	10.3	11.7
Other Countries (3)	113.3	108.2	100.0	91.5	91.9	85.6	85.5	86.1
Loans and Discounts (2)	967.3	1,054.4	1,126.0	1,284.6	1,461.6	1,607.0	1,942.0	2,550.6
Bills (receivable, discounted or purchased)	187.8	215.0	211.5	251.1	309.1	331.9	363.4	485.2
Internal	116.7	131.2	131.3	163.0	195.7	211.6	248.5	280.7
External	71.1	83.8	80.2	88.1	113.1	120.3	114.9	204.5
Loans and Advances to Banks and Customers other than Banks	779.5	839.4	914.5	1,033.5	1,152.5	1,275.1	1,578.6	2,065.4
All Other Assets	130.5	159.7	196.5	274.3	307.2	254.8	314.2	333.0
Total Assets	1,827.7	1,890.0	2,081.8	2,381.7	2,643.7	2,783.5	3,674.1	4,274.3

- (1) Include notes and coins of Singapore, Board of Commissioners of Currency (Malaya and British Borneo), Malaysia and Brunei.
- (2) Series has been amended. Loans and advances to other banks which were previously included under "Loans and Discounts" is now shown under "Balances due from other banks".
- (3) Prior to the year 1965, East Malaysia was classified under "Other Countries - Abroad".

10.2 DETAILS OF LIABILITIES OF COMMERCIAL BANKS

(As at end of December)

\$ Million

	1962	1963	1964	1965	1966	1967	1968	1969
Deposits of Customers Other than Banks:	1,019.9	1,092.0	1,137.2	1,222.0	1,412.1	1,828.2	2,309.7	2,745.4
Demand Deposits	417.8	442.8	423.8	446.8	520.3	587.7	733.6	811.6
Fixed Deposits	415.0	437.5	483.6	548.7	634.2	919.2	1,240.2	1,562.9
Savings Account	167.6	193.8	209.2	216.8	241.3	302.1	320.6	355.3
Other Deposits	19.5	17.9	20.6	9.7	16.3	19.2	15.3	15.6
Balances Due to Banks and Amounts Borrowed from Banks:	515.1	502.6	627.6	852.1	865.3	589.5	839.1	876.3
Singapore	185.6	193.0	172.2	237.2	276.7	297.0	426.8	533.3
Malaysia	204.9	189.4	258.4	404.2	366.6	126.3	86.8	78.6
Other Countries(1)	124.6	120.2	197.0	210.7	222.0	166.2	325.5	264.4
All Other Liabilities	292.7	295.4	317.0	307.6	366.3	365.8	526.6	652.6
Total Liabilities	1,827.7	1,890.0	2,081.8	2,381.7	2,643.7	2,783.5	3,675.4	4,274.3

(1) See footnote (3) in Table 10.1

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

\$ Thousand

	1962	1963	1964	1965	1966	1967	1968	1969
Loans and Advances to Other Banks ..	48,420	47,520	37,705	119,585	126,153	169,525	227,170	338,239
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
Singapore Government and Other Public Authorities ..	-	437	733	494	2,659	924	-	32
Agriculture ..	38,978	16,314	23,830	11,074	21,823	13,490	14,775	16,373
Mining and Quarrying	10,763	5,932	5,336	5,575	8,221	7,924	10,961	11,896
Manufacturing ..	93,463	83,548	118,352	157,184	183,239	236,530	359,930	447,503
Construction ..	19,192	47,169	59,441	80,292	98,957	49,575	41,119	48,083
General Commerce	377,148	425,851	423,349	439,271	467,599	493,539	518,643	629,695
Others	191,584	212,618	245,725	220,023	243,852	303,644	406,039	573,563

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

\$ Thousand

	1962	1963	1964	1965	1966	1967	1968
Policies in Force: (as at end of December)							
Amount insured	300,498	304,475	343,673	369,611	385,426	433,469	476,037
Premiums	15,995	16,180	18,021	18,682	19,625	21,723	23,505
New Policies:							
Amount insured	71,070	60,760	81,626	102,447	84,795	85,947	90,823
Premiums	3,582	3,154	3,972	4,547	3,880	3,845	4,191
Policies Discontinued:							
Amount insured	91,193	31,900	47,744	45,188	49,910	37,904	48,255
Premiums	3,876	1,566	2,161	2,134	2,171	1,746	2,409

Source: Commissioner for Insurance

10.5 LIFE INSURANCE: SUMMARY OF REVENUE AND EXPENDITURE ACCOUNT

\$ Thousand

	1965	1966	1967	1968
Revenue: Total	100,551	110,294	122,585	137,238
Balance of Revenue Account at beginning of year	74,782	82,384	89,572	104,061
Premiums	19,636	21,002	21,676	23,114
Net Interest etc.	5,424	6,605	7,673	8,309
Miscellaneous	709	303	3,664	1,754
Expenditure: Total	100,551	110,294	122,585	137,238
Claims (by death, disability and by maturity)	3,604	4,074	5,023	5,225
Surrenders	2,824	2,798	3,259	3,109
Cash bonuses paid and annuities	955	1,063	1,041	1,288
Management expenses:				
Commission	3,551	3,521	3,346	3,492
Salaries	1,497	1,756	1,590	1,674
Other expenses	2,309	2,493	2,132	2,482
Miscellaneous	1,980	5,017	2,133	2,044
Balance of Revenue Account at end of year ..	83,831	89,572	104,061	117,924

	1961	1962	1963	1964
Income:				
Gross Premiums less re-assurance premiums ..	17,651	16,669	17,512	18,708
Interest and Dividends	5,842	6,673	7,827	8,790
Expenditure:				
Payments made (e.g. Claims, Surrenders, Annuities, etc. less re-assurance claims received)	6,097	7,111	6,334	9,762
Other Payments (e.g. Office Expenses, Commissions and Other Revenue Expenditure) ..	9,072	9,132	10,145	11,887

Source: Commissioner for Insurance

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

\$ Thousand

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

					1961	1962	1963	1964
Fixed Assets	..	..	..	..	11,095	13,090	13,254	14,471
Loans	..	..	..	..	17,529	16,197	19,327	23,901
Investments:	..	..	..	..	21,605	23,945	24,348	25,950
Government and Public Authority	..	..	..	..	10,555	10,825	11,339	10,830
Other	..	..	..	..	11,050	13,120	13,009	15,120
Cash in hand and at banks	..	..	..	..	5,308	6,370	7,459	5,491
Total	..	..	..	..	55,537	59,602	64,388	69,813

Source: Commissioner for Insurance

10.7 GENERAL INSURANCE: PREMIUMS AND CLAIMS

\$ Thousand

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

(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.

	1961	1962	1963	1964
Premiums less refunds and premiums paid for re-insurance in Singapore:				
Marine	7,372	8,008	9,110	7,334
Other	22,201	24,936	27,609	29,343
Total	29,573	32,944	36,719	36,677
Claims:				
Marine	3,244	3,977	4,574	5,007
Other	10,387	11,713	11,343	12,071
Total	13,631	15,690	15,917	17,078

Source: Commissioner for Insurance

10.8 GENERAL INSURANCE: SUMMARY OF REVENUE AND EXPENDITURE ACCOUNT

\$ Thousand

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

	1961	1962	1963	1964
Premiums less refunds and premiums paid for re-insurance in Singapore	29,573	32,944	36,719	36,677
Interest, rent, fees and other income received	2,062	2,455	2,737	2,884
Claims paid	13,631	15,690	15,917	17,078
Other payments (e.g. office expenses, commissions and other revenue expenditure) ..	15,301	16,433	17,276	18,948

Source: Commissioner for Insurance

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

\$ Thousand

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

						1961	1962	1963	1964
Fixed Assets	..	..	..	..	..	34,863	34,384	36,119	33,800
Investments:	..	..	..	..	..	6,502	6,507	7,730	10,008
Government and Public Authority				..	..	3,244	3,228	3,551	3,308
Others	..	..	..	..	..	3,258	3,279	4,179	6,700

Source: Commissioner for Insurance

10.10 POST OFFICE SAVINGS BANK: DEPOSITS AND WITHDRAWALS

(As at end of December)

\$ Thousand

	1962	1963	1964	1965	1966	1967	1968	1969
Post Office Savings Bank:								
Amount Deposited	21,515.2	21,648.7	18,004.7	17,586.7	16,956.1	18,521.9	22,869.6	38,167.0
Amount Withdrawn	22,116.4	22,458.3	21,559.9	20,521.6	19,438.9	19,217.5	19,223.9	25,171.0
Total Amount Due to Members(1)	43,097.6	43,315.6	40,745.6	38,820.2	37,419.5	37,778.7	42,838.4	57,712.4

(1) Include interest accrued.

Source: Post Office Savings Bank

10.11 CENTRAL PROVIDENT FUND BOARD: DEPOSITS AND WITHDRAWALS

(As at end of December)

\$ Thousand

	1962	1963	1964	1965	1966	1967	1968	1969
Central Provident Fund Board:								
Amount Deposited	35,505.2	37,697.5	42,458.5	45,897.0	45,549.6	53,989.0	67,430.5	105,991.1
Amount Withdrawn	5,207.4	5,767.9	7,515.6	9,177.1	10,911.3	14,536.6	29,976.2	41,681.5
Total Amount Due to Members(1)	215,773.7	258,435.1	306,631.4	359,024.7	415,965.8	477,315.5	539,442.6	632,160.3

(1) Include interest accrued.

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

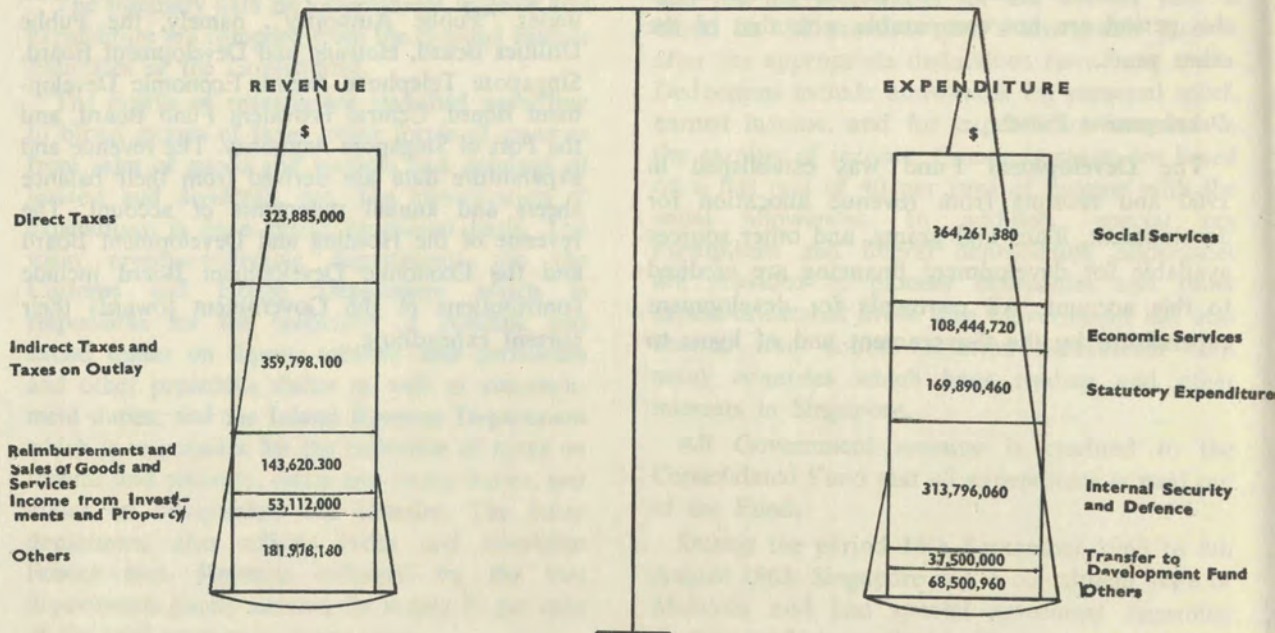
statutory authorities to finance part of their development needs are paid out of this Fund.

Statutory Board Revenue And Expenditure

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

ESTIMATES OF GOVERNMENT REVENUE & EXPENDITURE

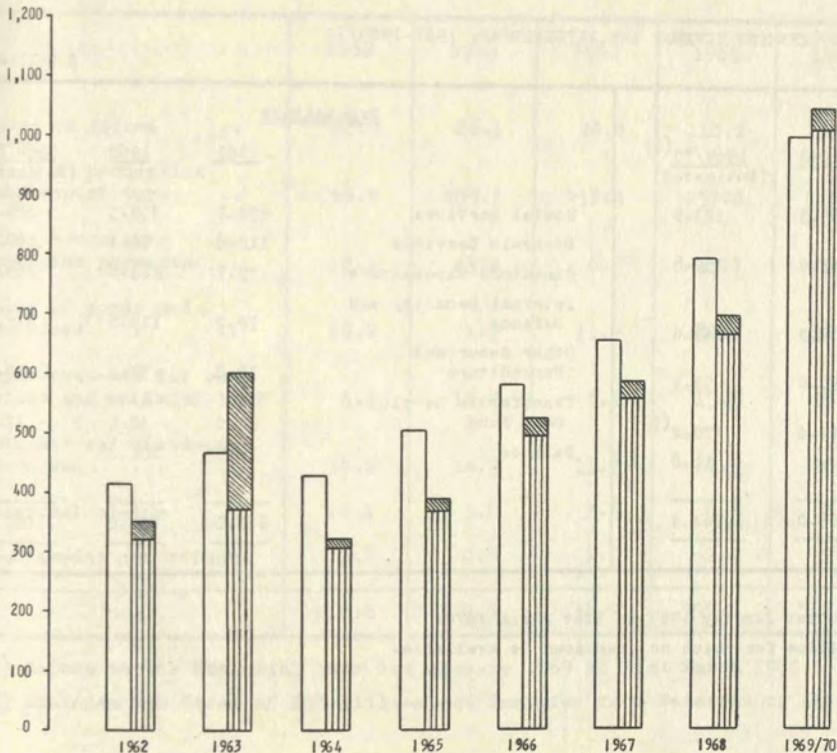
1969/70



GOVERNMENT REVENUE & EXPENDITURE

Million
Dollars

- Revenue
- Expenditure
- Contributions to Development Fund



11.1 GOVERNMENT REVENUE AND EXPENDITURE, 1967-1969/70

\$ Million

	Revenue				Expenditure		
	1967	1968	1969/70 ⁽¹⁾ (Estimated)		1967	1968	1969/70 ⁽¹⁾ (Estimated)
Direct Taxes	219.1	265.5	323.9	Social Services	252.7	259.3	364.3
Indirect Taxes and Taxes on Outlay	236.2	265.6	359.8	Economic Services	112.8	76.3	108.4
Reimbursements and Sales of Goods and Services	101.6	117.9	143.6	Statutory Expenditure	79.7	163.6	169.9
Income from Invest- ments and Property	57.4	90.6	53.1	Internal Security and Defence	78.7	115.6	313.8
Other Revenue incl. New Taxes	48.7	63.4	170.2 ⁽²⁾	Other Recurrent Expenditure	38.2	57.1	68.5
Transfer from Reserves	-	-	11.8	Transfer to Develop- ment Fund	30.0	30.1	37.5
				Balance	70.9	101.0	-
	<u>663.0</u>	<u>803.0</u>	<u>1,062.4</u>		<u>663.0</u>	<u>803.0</u>	<u>1,062.4</u>

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

(2) Include new taxes of \$35 million for which no breakdown is available.

11.2 GOVERNMENT REVENUE BY SOURCE

\$ Million

	1962	1963	1964	1965	1966	1967	1968	1969/70(1) (Estimated)
Taxes on income ..	88.5	86.1	96.8	110.2	110.5	122.9	157.6	172.0
Taxes on production and expenditure ..	199.8	209.7	232.3	257.8	307.3	319.3	361.4	497.6
Other compulsory transfer payments ..	12.6	43.4	6.5	14.7	20.1	28.4	36.0	99.6
Sales of goods and services	68.2	71.9	73.9	80.3	94.0	126.3	150.7	192.1
Reimbursements for services and sales of land	4.7	16.4	4.9	19.0	20.4	16.3	16.8	15.2
Interest and dividends received	30.2	34.3	13.7	14.9	26.1	38.9	73.3	31.5
Financial claims ..	14.1	3.8	3.6	8.3	4.6	6.6	4.7	5.8
Overpayment and refunds	0.7	4.0	1.2	2.4	2.2	4.3	2.5	1.8
Total	418.8	469.6	432.9	507.6	585.2	663.0	803.0	1,015.6 ⁽²⁾

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

(2) Excludes New Taxes of \$35 million and Transfer from Reserves of \$11 million.

11.3 GOVERNMENT EXPENDITURE BY TYPE OF SERVICES

\$ Million

Type of Services	1962	1963	1964	1965	1966	1967	1968	1969/70(1) (Estimated)
General Services:								
General Administration	30.2	40.0	33.3	34.9	71.2	88.0	65.6	77.5
Transfer to Development Fund ..	30.0	230.0	16.0	20.0	30.0	30.0	30.1	37.5
Defence, Justice and Police	41.4	46.5	1.0	19.7	74.4	86.2	123.5	262.3
Social Services:								
Education	83.2	96.3	104.6	115.1	126.4	137.7	149.8	202.5
Health	58.1	62.7	64.3	68.0	69.9	73.0	74.7	103.0
Social Security, Specific Welfare and other Social Services	23.6	32.0	35.7	30.7	33.7	33.8	27.1	50.4
Economic Services:								
Agriculture, Manufacturing & Construction	4.1	4.4	4.2	4.4	4.7	5.2	5.4	9.8
Transport, Storage and Communication ..	21.1	22.2	1.7	12.1	28.9	31.4	32.3	49.9
Other Economic Services	9.9	9.5	8.1	8.7	8.9	9.2	11.3	14.4
Community Services ..	14.4	14.0	12.7	14.0	15.9	16.4	16.8	22.1
Unallocable	35.8	43.2	44.2	64.2	66.3	81.2	165.4	233.0
Total	351.8	600.8	325.8	391.8	530.3	592.1	702.0	1,062.4

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

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

11.4 REVENUE COLLECTED BY CUSTOMS AND EXCISE DEPARTMENT

\$ Thousand

	1962	1963	1964	1965	1966	1967	1968	1969
Liquors	27,720	31,093	33,671	37,661	40,536	43,518	51,398	50,146
Tobacco	46,316	45,310	45,407	47,076	46,846	47,153	58,259	62,390
Petroleum	37,885	38,901	41,718	53,200	55,730	53,134	57,195	64,269
Entertainment Duties	7,742	7,614	6,713	7,424	8,448	8,559	9,188	9,583
Protective Duties	490	679	656	4,116	16,923	17,255	20,579	34,899
Film Hire Duty	1,308	1,432	1,289	1,285	1,461	1,503	1,644	1,736
Others	1,235	1,500	2,023	15,096	16,464	16,601	15,432	16,362
Total	122,696	126,529	131,477	165,858	186,408	187,723	213,695	239,385

Source: Customs & Excise Department

11.5 REVENUE COLLECTED BY INLAND REVENUE DEPARTMENT

\$ Thousand

	1962	1963	1964	1965	1966	1967	1968	1969
Income Tax	89,517	87,971	89,968	100,230	112,848	128,557	152,814	198,512 ⁽¹⁾
Property Tax	46,715	49,010	61,915	55,983	73,362	79,030	88,284	103,737
Estate Duties	5,078	6,962	5,040	7,784	5,010	7,334	8,364	8,506
Stamp Duties	4,122	6,814	7,039	6,309	6,414	8,340	10,472	17,180
Payroll Tax	-	-	-	7,333	9,568	10,108	11,128	13,351
Bets, Sweepstakes & Private Lotteries	5,861	5,885	5,680	5,708	6,265	6,462	6,454	7,782
Radio & Television Fees	1,611	2,112	2,706	3,609	4,449	4,985	5,593	6,199
Others(2)	303	266	570	661	661	673	841	1,505
Total	153,207	159,020	172,918	187,617	218,577	245,489	283,950	356,772

Source: Inland Revenue Department

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

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

11.6 ASSESSED INCOME AND TAX ASSESSED: INDIVIDUALS
(Year of Assessment 1967)

Assessed Income Groups \$	Number of Taxpayers		Assessed Income \$'000		Tax Assessed \$'000	
	Resident	Non-Resident	Resident	Non-Resident	Resident	Non-Resident
1 - 6,000	41,166	3,983	169,309	6,698	2,408	2,659
6,001 - 8,000	18,416	215	128,195	1,501	2,676	595
8,001 - 10,000	9,987	159	88,962	1,424	2,788	569
10,001 - 15,000	10,054	177	120,627	2,145	6,007	858
15,001 - 20,000	3,645	61	62,645	1,050	4,979	420
20,001 - 30,000	2,950	66	71,223	1,562	8,131	617
30,001 - 50,000	1,709	43	64,206	1,653	10,704	661
50,001 - 100,000	590	13	37,829	956	9,826	382
100,001 - 200,000	86	5	10,895	583	4,163	189
Over 200,000	9	-	2,369	-	1,109	-
Total	88,612	4,722	756,260	17,572	52,791	6,950

Notes: Figures refer to Assessments made during the period 1.1.67 - 31.12.68 (24 months)

Source: Inland Revenue Department

11.7 ASSESSED INCOME AND TAX ASSESSED: INDIVIDUALS

(Year of Assessment 1968)

Assessed Income Groups \$	Number of Taxpayers		Assessed Income \$'000		Tax Assessed \$'000	
	Resident	Non-Resident	Resident	Non-Resident	Resident	Non-Resident
1 - 6,000	41,392	3,154	171,513	5,695	2,600	2,006
6,001 - 8,000	18,979	202	132,013	1,402	2,795	485
8,001 - 10,000	10,565	135	94,207	1,214	3,026	378
10,001 - 15,000	10,931	160	131,324	1,879	6,648	568
15,001 - 20,000	3,927	57	67,428	1,000	5,361	299
20,001 - 30,000	3,241	53	78,225	1,249	8,938	407
30,001 - 50,000	1,854	35	69,326	1,281	11,537	436
50,001 - 100,000	640	9	41,324	634	10,845	229
100,001 - 200,000	93	4	12,027	451	4,574	180
Over 200,000	13	1	3,784	279	1,313	111
Total	91,635	3,810	801,171	15,084	57,637	5,099

Notes: Figures refer to Assessments made during the period 1.1.68 - 31.3.69 (15 months).

Source: Inland Revenue Department

11.8 RATES OF TAX ON RESIDENT INDIVIDUALS AND PERSONAL ALLOWANCES

AS FROM 1.1.67.

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

Personal Allowances

					(\$)
Single person	..	..	..	..	2,000
Married couple	..	..	..	..	3,000
Married couple with one child	..	..	..	..	3,750
Married couple with two children	..	..	..	..	4,250
Married couple with three children	..	..	..	..	4,750
Married couple with four children	..	..	..	..	5,050
Married couple with five children	..	..	..	..	5,350

Source: Inland Revenue Department

11.9 DEVELOPMENT FUND: RECEIPTS AND EXPENDITURE

\$ Million

Year	Balance (as at 1st January)	Receipts				Expenditure		
		Total	From Con- solidated Revenue Account	From Con- solidated Loan Account	Other	Total	General Develop- ment	Other
1962	121.0	141.2	30.0	98.8	12.4	120.5	120.3	0.2
1963	141.7	310.3	230.0	64.5	15.8	139.4	138.0	1.4
1964	312.6	102.4	16.0	57.2	29.2	168.0	166.0	2.0
1965	247.0	117.1	20.0	64.5	32.6	184.4	182.3	2.1
1966	179.7	175.7	30.0	99.3	46.4	214.4	214.0	0.4
1967	141.0	207.3	30.0	120.0	57.3	211.9	188.6	23.3
1968	136.4	376.9	30.1	218.2	128.6	226.4	225.7	0.7
1969/70 ⁽¹⁾ (Estimated)	286.9	311.6	37.5	170.0	104.1	306.6	306.5	0.1

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

11.10 REVENUE AND EXPENDITURE OF PUBLIC AUTHORITIES, 1968 AND 1969

\$ Million

	Public Utilities Board		Port of Singapore Authority		Housing and Development Board		Singapore Telephone Board		Central Provident Fund Board		Economic Development Board		Total	
	1968	1969	1968	1969	1968	1969	1968	1969	1968	1969	1968	1969	1968	1969
Revenue	145.7	159.8	102.6	79.7	44.9	45.6	21.5	24.0	29.7	34.4	10.5	1.2	354.9	344.7
Expenditure	87.1	94.6	85.6	61.6	16.0	18.3	12.0	14.0	1.8	1.9	8.8	7.4	211.3	197.8
Operating Surplus	58.6	65.2	17.0	18.1	28.9	27.3	9.5	10.0	27.9	32.5	1.7	-6.2	143.6	146.9
Other Income	0.1	0.7	4.6	5.2	12.1	15.6	1.0	2.9	0.4	0.4	-	-	18.2	24.8
Other Expenditure	23.1	25.6	0.6	0.4	44.6	49.7	0.1	0.2	25.3	28.5	-	-	93.7	104.4

TOTAL PUBLIC AUTHORITIES

\$ Million

	1962	1963	1964	1965	1966	1967	1968	1969
Revenue	187.8	173.7	267.2	255.0	282.4	331.6	354.9	344.7
Expenditure	102.9	99.6	159.8	159.6	170.6	209.2	211.3	197.8
Operating Surplus	84.9	74.1	107.4	95.4	111.8	122.4	143.6	146.9
Other Income	5.4	3.5	6.5	9.4	15.4	18.6	18.2	24.8
Other Expenditure	51.5	52.3	75.5	90.0	91.8	84.8	93.7	104.4

12. PRICES

Consumer Price Index

The Consumer Price Index is compiled on the basis of a list of items and weighting pattern derived from the Household Expenditure Survey conducted in 1956/1957 and updated for changes in April/May 1960 which is the base period. The index is computed as a weighted arithmetic average of price relatives for each month and the yearly index is a simple average of the twelve monthly indices.

Retail Prices

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

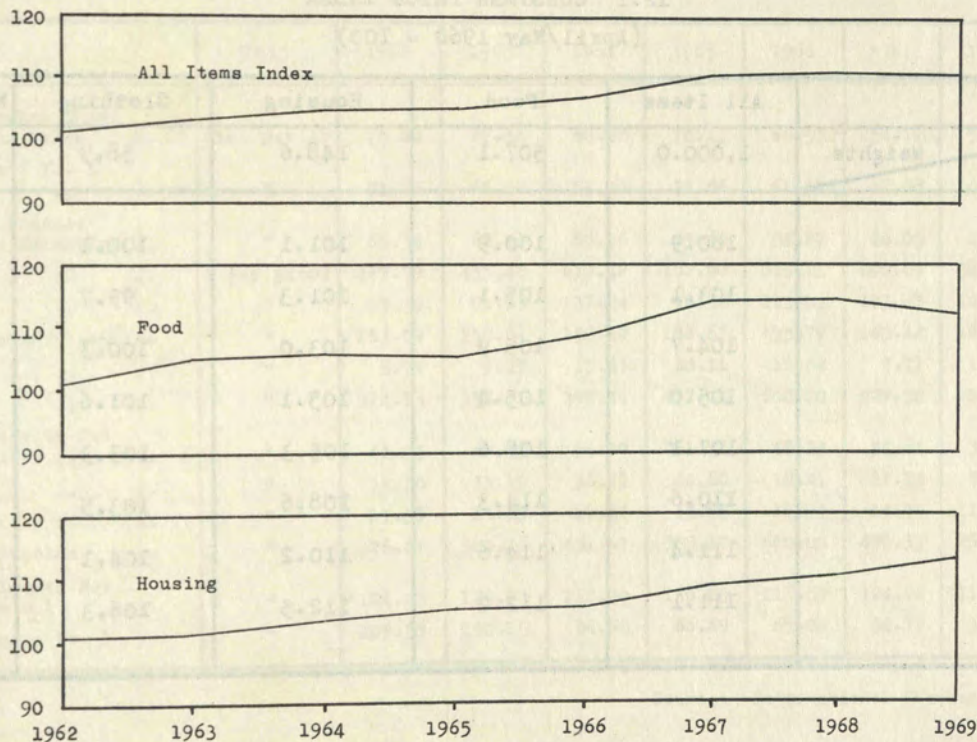
flour, sugar, beverages, etc. from shops in seven postal districts. Prices for items of clothing and some miscellaneous items are collected monthly, while for items which have only minor variations in prices over a short period, only half-yearly and yearly checks are made.

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

Wholesale Prices

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

CONSUMER PRICE INDEX
(April/May 1960 = 100)



12.1 CONSUMER PRICE INDEX

(April/May 1960 = 100)

	All Items	Food	Housing	Clothing	Miscellaneous
Weights	1,000.0	507.1	148.6	58.9	285.4
Year					
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

12.2 WHOLESALE PRICES OF STRAITS PRODUCE

	Unit	1962	1963	1964	1965	1966	1967	1968	1969
Rubber Ribbed Smoked Sheet Int. 1 f.o.b. in bales ..	cts. per lb.	78.24	72.42	68.12	70.13	65.55	54.17	53.04	69.68
Rubber Crepe: Int. No. 1 Compo Crepe ..	"	71.26	66.39	63.70	56.86	61.91	47.68	48.96	63.50
Rubber, Milling Grades: Cup Washing and Skimmings ..	"	65.54	62.22	56.46	49.50	56.22	40.05	42.52	58.70
Tin	\$ per picul	447.79	455.40	619.42	702.80	645.23	600.09	565.54	625.76
Coffee: A.P. 1 ..	"	68.39	91.23	137.04	99.52	113.03	103.43	101.41	95.92
Pepper: White Muntok, genuine	"	163.09	152.87	152.32	184.67	195.72	145.44	123.91	155.06
Sago: Flour No. 1 ..	"	8.71	9.27	10.67	10.11	10.64	9.71	11.87	10.83
Nutmegs: 80's ..	"	314.13	358.81	399.46	472.04	600.00	429.50	216.94	241.98
Coconut Oil: Crude in 2nd hand drums f.o.b. ..	"	42.05	48.39	54.29	61.74	48.23	50.87	57.83	52.54
Palm Oil f.o.b. ..	"	35.30	35.10	38.79	44.88	38.21	37.14	26.60	26.28
Oilcake: round ..	"	17.98	16.89	19.47	19.64	18.94	14.73	13.38	13.67
Mace: whole and broken ..	"	326.67	380.38	451.67	555.17	660.00	490.33	267.00	270.31
Rattan: Washed Loonty No. 1 and 2 (5/11 m.m.) ..	"	124.60	123.73	130.00	130.00	118.80	124.88	115.11	122.58
Gum Damar Singapore No. 1 ..	"	109.58	100.15	88.82	66.69	65.00	50.72	38.19	55.21

Source: International Chamber of Commerce

12.3 AVERAGE RETAIL PRICES OF SELECTED FOODSTUFFS

Dollars

Selected Foodstuffs		Units of Measure	1962	1963	1964	1965	1966	1967	1968	1969
Rice & Cereals:	Siam Polished Rice 100%	per kati	.35	.35	.34	.34	.37	.47	.47	.42
	Wheat Flour	2 katis	.45	.46	.47	.49	.47	.47	.47	.47
	Bread	lb. loaf	.26	.26	.26	.26	.26	.27	.27	.27
	Rice Vermicelli (Bee Hoon)	kt. pkt.	.37	.36	.36	.37	.41	.47	.50	.47
Meat & Poultry:	Mutton (Fresh) ..	per pound	1.36	1.39	1.41	1.45	1.42	1.46	1.47	1.45
	Pork, lean and fat ..	per kati	1.80	1.91	1.99	1.97	1.98	1.99	2.21	2.04
	Beef (Fresh)	per kati	2.09	2.08	2.09	2.15	2.36	2.37	2.39	2.34
	Hen	per kati	1.90	1.88	1.84	1.79	1.85	1.80	1.71	1.60
Milk, Eggs & Oils:	Condensed Milk ..	14 oz. tin	.55	.59	.63	.65	.65	.64	.62	.55
	Fowl's Eggs	per 10	1.06	1.02	1.04	1.01	1.10	.98	.98	.92
	Cooking Oil	5 kt. tin	3.50	3.51	3.51	3.56	3.57	3.57	3.61	3.61
Fish:	Spanish Mackerel ..	per kati	1.20	1.27	1.31	1.33	1.34	1.33	1.30	1.41
	Golden Banded Scad ..	per kati	.69	.68	.65	.61	.59	.59	.48	.54
	Dorab	per kati	1.36	1.49	1.51	1.52	1.54	1.58	1.43	1.72
	Dried Prawn	per kati	2.55	2.50	2.56	2.51	2.53	2.64	2.54	2.53
Vegetables:	Cabbage	per kati	.28	.32	.49	.41	.44	.42	.36	.38
	Spinach	per kati	.21	.21	.23	.22	.22	.23	.24	.23
	Red Chillies	per kati	.99	.87	.95	.84	1.03	.88	1.03	1.00
	Cucumber	per kati	.25	.26	.26	.26	.27	.26	.26	.27
Fruits:	Apple	each	.20	.20	.20	.20	.21	.20	.21	.21
	Orange	each	.19	.20	.20	.20	.20	.20	.20	.20
	Pineapple	each	.30	.36	.34	.33	.40	.39	.39	.39
	Bananas	per kati	.30	.30	.29	.28	.29	.29	.30	.29
Miscellaneous:	Sugar	2 katis	.37	.83	.74	.64	.60	.62	.65	.64
	Coffee Powder	per kati	1.97	1.98	2.24	2.22	2.24	2.21	2.21	2.21
	Ceylon Tea	$\frac{1}{2}$ lb. pkt.	1.49	1.50	1.50	1.50	1.50	1.51	1.51	1.50

13. NATIONAL INCOME AND BALANCE OF PAYMENTS

Gross Domestic Expenditure

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

Private consumption expenditure on goods and services is compiled mainly from statistics of retained imports and domestic production of goods locally consumed as well as value of services purchased. Data on retail prices and trade 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.

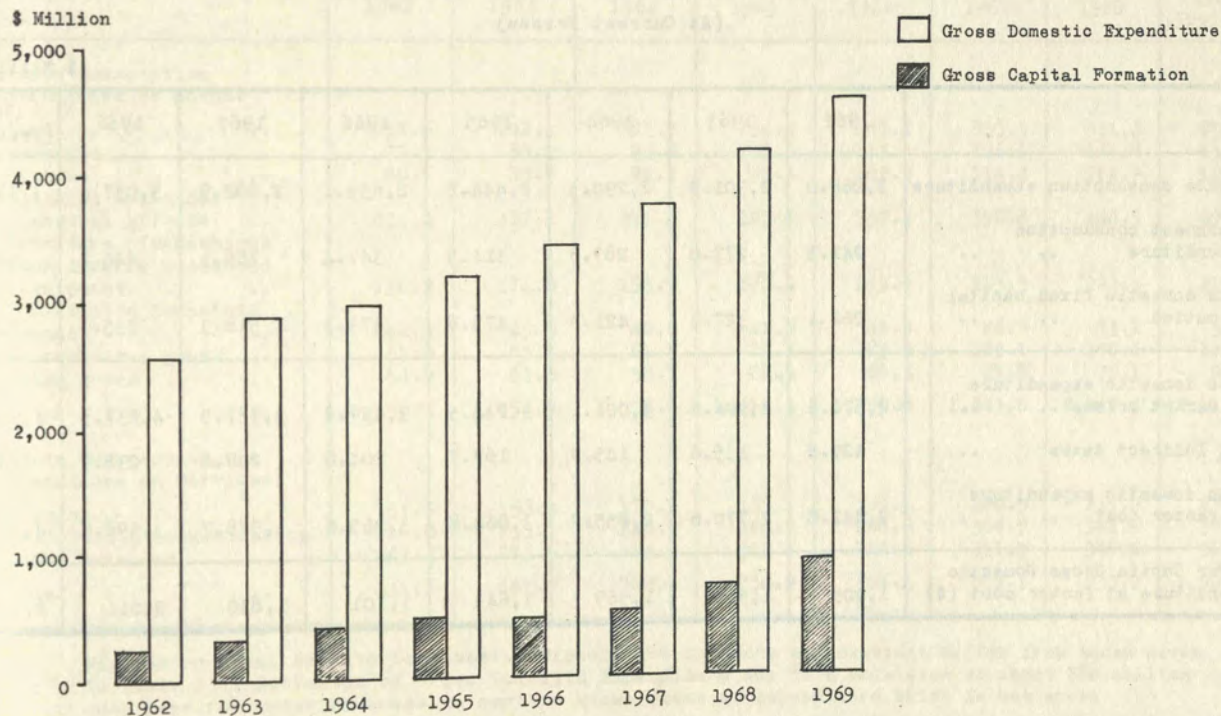
Data on merchandise trade account and freight and insurance are based on trade and shipping statistics. Other transportation includes earnings on services provided by the Port of Singapore

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

	1962	1963	1964	1965	1966	1967	1968	1969 (Prelim.)
Private consumption expenditure	2,068.0	2,301.9	2,290.3	2,444.2	2,639.1	2,882.9	3,057.4	3,207.7
Government consumption expenditure	241.5	277.0	289.8	314.5	347.4	386.3	444.2	528.4
Gross domestic fixed capital formation	262.1	327.3	421.0	475.8	473.3	518.3	735.9	918.5
Gross domestic expenditure at market prices	2,571.6	2,906.2	3,001.1	3,234.5	3,459.8	3,787.5	4,237.5	4,654.6
<u>Less</u> Indirect taxes	129.8	135.6	145.9	169.7	204.8	208.8	238.9	262.8
Gross domestic expenditure at factor cost	2,441.8	2,770.6	2,855.2	3,064.8	3,255.0	3,578.7	3,998.6	4,391.8
Per Capita Gross Domestic Expenditure at factor cost (\$)	1,409	1,561	1,569	1,643	1,701	1,830	2,011	2,178

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

\$ Million

	1962	1963	1964	1965	1966	1967	1968	1969 (Prelim.)
A. Private Consumption								
Expenditure on Goods:								
Food	651.6	702.1	687.2	734.5	786.4	850.5	861.4	871.6
Beverage	77.1	88.2	94.8	107.5	117.7	126.6	144.8	154.2
Tobacco	86.7	88.7	94.1	97.3	102.5	114.4	122.7	123.0
Clothing and other personal effects ..	251.4	327.2	311.8	325.6	357.4	398.8	464.5	497.9
Furniture, furnishings and durable household equipment	136.5	174.8	153.9	170.4	193.0	213.5	222.3	218.2
Non-durable household goods	42.9	45.3	46.6	41.9	43.5	46.9	53.2	53.7
Recreational goods ..	55.2	65.8	61.7	73.2	85.2	105.1	100.4	109.9
Other goods	54.9	62.8	58.1	62.9	69.3	87.8	78.1	90.9
Total	1,356.3	1,554.9	1,508.2	1,613.3	1,755.0	1,943.6	2,047.4	2,119.4
B. Private Consumption								
Expenditure on Services:								
Housing	151.6	158.3	170.1	183.1	199.5	220.5	239.0	259.0
Transport & communication	216.8	235.1	246.9	266.7	288.6	306.9	344.6	388.3
Other services	263.3	273.6	285.1	301.1	316.0	331.9	346.4	361.0
Total	631.7	667.0	702.1	750.9	804.1	859.3	930.0	1,008.3

Notes: Figures on total Private Consumption Expenditure on Goods and Services differ from those given in Table 13.1 Estimates of Gross Domestic Expenditure due to a provision of about \$80 million each year for under coverage in certain known items of expenditure which is not shown.

13.3 ESTIMATES OF PRIVATE CONSUMPTION EXPENDITURE ON GOODS, 1968 & 1969
(At Current Prices)

\$ Million

	1968			1969 (Preliminary)		
	Retained Imports	Local Production	Total	Retained Imports	Local Production	Total
Food	477.0	384.4	861.4	471.6	400.0	871.6
Rice	110.7	-	110.7	96.2	-	96.2
Bread & cereals	23.1	42.9	66.0	19.1	42.9	62.0
Meat & fish	125.1	159.8	284.9	134.4	174.1	308.5
Milk, cheese & eggs	25.9	54.7	80.6	22.5	52.0	74.5
Fruits & vegetables	124.1	27.9	152.0	135.1	29.6	164.7
Other food	68.1	99.1	167.2	64.3	101.4	165.7
Beverages	55.2	89.6	144.8	52.2	102.0	154.2
Non-alcoholic	-	43.8	43.8	-	53.0	53.0
Alcoholic	55.2	45.8	101.0	52.2	49.0	101.2
Tobacco	20.0	102.7	122.7	21.3	101.7	123.0
Clothing & Personal Effects	338.9	125.6	464.5	352.2	145.7	497.9
Footwear & clothing	268.2	61.7	329.9	275.2	77.1	352.3
Other personal effects	70.7	63.9	134.6	77.0	68.6	145.6
Furniture, Furnishings & Durable Household Equipment	147.9	74.4	222.3	135.8	82.4	218.2
Furniture & furnishings	31.8	50.2	82.0	32.1	53.3	85.4
Durable household equipment	116.1	24.2	140.3	103.7	29.1	132.8
Non-durable Household Equipment	28.1	25.1	53.2	24.0	29.7	53.7
Recreational Goods	68.8	31.6	100.4	71.9	38.0	109.9
Books, newspapers & magazines	24.8	30.1	54.9	25.7	36.5	62.2
Sports goods including toys	44.0	1.5	45.5	46.2	1.5	47.7
Other Goods	58.3	19.8	78.1	62.8	28.1	90.9
Toilet articles & preparations	26.8	15.2	42.0	24.5	23.0	47.5
Medicinal & pharmaceutical products	31.5	4.6	36.1	38.3	5.1	43.4
Total	1,194.2	853.2	2,047.4	1,191.8	927.6	2,119.4

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

\$ Million

	1962	1963	1964	1965	1966	1967	1968	1969 (Prelim.)
Machinery and equipment: ..	101.9	128.4	183.9	186.1	204.2	208.7	283.6	400.7
Machinery other than electric	47.0	55.7	83.8	80.7	106.4	119.4	168.2	250.4
Electric machinery ..	41.4	54.7	80.0	84.0	74.4	65.4	77.8	111.1
Miscellaneous	13.5	18.0	20.1	21.4	23.4	23.9	37.6	39.2
Transport equipment ..	26.4	19.2	21.6	31.8	20.7	23.4	106.4	116.6
Building, other construction and works:	133.8	179.7	215.5	257.9	248.4	286.2	345.9	401.2
Dwellings	68.8	82.5	87.1	96.2	109.7	126.7	135.5	146.0
Non-residential buildings	24.2	48.8	56.8	66.3	56.1	81.3	108.1	133.8
Other construction and works	40.8	48.4	71.6	95.4	82.6	78.2	102.3	121.4
Gross Domestic Fixed Capital Formation	262.1	327.3	421.0	475.8	473.3	518.3	735.9	918.5
Public Sector	125.7	165.7	214.7	216.0	239.6	224.9	300.9	322.4
Private Sector	136.4	161.6	206.3	259.8	233.7	293.4	435.0	596.1

13.5 ESTIMATES OF GROSS DOMESTIC PRODUCT BY INDUSTRIAL ORIGIN

(At Current Prices)

\$ Million

	1962	1963	1964	1965	1966	1967	1968	1969 (Prelim.)
Agriculture and Fishing ..	138.0	146.8	142.0	139.6	152.8	146.0	148.2	161.3
Manufacturing and Quarrying ..	246.8	294.8	330.5	414.3	486.8	565.5	675.0	827.0
Construction	71.0	94.7	113.9	130.6	128.7	150.1	179.8	207.6
Electricity, gas and water services	53.0	52.8	59.2	54.0	73.3	92.7	108.8	119.7
Entrepot and domestic trade ..	717.8	859.4	708.1	772.0	878.7	974.7	1,349.6	1,622.3
a. Entrepot trade including rubber processing (1) ..	378.8	441.1	286.2	305.6	377.0	381.5	644.2	844.3
b. Domestic trade	339.0	418.3	421.9	466.4	501.7	593.2	705.4	778.0
Ownership of dwellings ..	104.0	110.4	118.1	128.7	141.5	152.5	167.2	184.6
Government services	164.0	189.0	191.0	214.3	246.4	264.9	300.3	326.1
Other services (1)	876.8	935.9	1,037.5	1,189.9	1,257.0	1,270.9	1,328.1	1,384.8
Gross Domestic Product at factor cost	2,371.4	2,683.8	2,700.3	3,043.4	3,365.2	3,617.3	4,257.0	4,833.4

55705

6304

6343

8497

13.6 ESTIMATES OF BALANCE OF PAYMENTS

\$ Million

	1962	1963	1964	1965	1966	1967	1968	1969 (Prelim.)
A. Goods and services (net)	-176	-300	-93	-101	48	-188	-435	-650
Merchandise trade (f.o.b.)								
Exports	2,860	3,291	2,601	2,810	3,168	3,239	3,589	4,470
Imports	3,431	3,995	3,252	3,570	3,825	4,149	4,759	5,862
Trade balance	-571	-704	-651	-760	-657	-910	-1,170	-1,392
Services (net)	395	404	558	659	705	722	735	742
Freight and insurance	-212	-241	-189	-207	-223	-248	-299	-356
Transportation	239	231	221	249	274	348	432	425
Travel	27	44	50	53	72	108	128	196
Other invisibles and investment income	341	370	476	564	582	514	474	477
B. Transfer payments (net)	-23	-32	-73	-49	-45	-39	-41	-37
C. Non-monetary capital (net)	26	41	22	87	51	113	271	173
Private long-term (net)	24	16	33	58	94	104	122	142
Official long-term (net)	2	25	-11	29	-43	9	149	31
Sub-total (A + B + C)	-173	-291	-144	-63	54	-113	-205	-514
D. Net errors and omissions	364	372	54	31	133	472	753	975
E. Over-all payments surplus or deficit (-) (A through D)	191	81	-90	-32	187	359	548	461
F. Monetary movements (net)								
(increase -)	-191	-81	90	32	-187	-359	-548	-461
Net IMF accounts	-	-	-	-	-23	-	-	-
Currency Board's foreign assets	-24	-16	-32	-47	-53	-29	-49	-104
Commercial banks' foreign assets	-58	17	78	17	-34	-55	115	-172
Central government assets	-109	-82	44	62	-77	-275	-614	-185

14. EDUCATION

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

Primary Education

Primary education is free for all children born in Singapore who have attained their sixth birthday. Parents have the choice of enrolling their children in schools in any one of the four official language streams in Singapore — Malay, Chinese, English and Tamil. Primary education extends over a period of six years, at the end of which pupils have to pass a common Government Primary School Leaving Examination to proceed to the secondary level. Pupils who fail to qualify are allowed to repeat provided they are not over-aged.

Secondary Education

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

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

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

sit for the Cambridge School Certificate Examination, while those in other language streams sit for the School Certificate Examination conducted by the Ministry of Education, Singapore.

Technical Education

Under the newly reformed system of secondary education, basic workshop subjects, e.g. 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 taking special courses run by the Adult Education Board or join the Industrial Training Centres. Pupils who leave school after completing Secondary II may receive vocational or technical training in Vocational Institutes and Industrial Training Centres.

Higher Education

The institutions of higher learning in Singapore are the University of Singapore, the Nanyang

University, the Singapore Polytechnic, the Teachers' Training College, and the Ngee Ann Technical College. Students seeking admission to the University of Singapore are normally required to have attended two years of Pre-University classes and passed the Higher School Certificate Examination.

The University of Singapore provides degree courses in Arts, Science, Law, Medicine, Pharmacy, Dentistry, Social Sciences, Business Administration, Accountancy, Architecture and Engineering. The medium of instruction is English. Courses in other languages are also offered.

The Nanyang University provides courses in Arts, Commerce and Science, and lectures are conducted both in Chinese and English.

The Polytechnic conducts at diploma level professional courses in Architecture, Building and Quantity Surveying and Valuation Surveying, and technician courses in Engineering, Architectural Craftsmanship, Industrial Technology, Land Surveying, Rubber and Plastics Technology and Ship Construction.

The Ngee Ann College which was initially established in 1963 was converted to a Technical College in 1969 and it offers diploma courses in Accountancy, Applied Chemistry, Chinese Literature, Malay Studies, Business Administration, Telecommunication Engineering, Mechanical Engineering, Industrial Electronics, Company Secretaryship and Home Economics.

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

Adult Education

The Adult Education Board is a statutory authority established to provide for the educational needs of the adult population. A varied and wide range of courses are provided in many different fields covering academic, commercial, recreational and special interest subjects and at different levels. The courses for which the enrolment has grown significantly over the years are the Literacy and

Language Classes in the four official languages, the General Education Classes which offer almost full school training for examinations up to the School Certificate and Higher School Certificate levels. Special subject courses include specific subjects such as English, Commerce, Geography, Mathematics, Book-keeping, Accountancy, and recreational and special interest subject courses on topics such as Orchid Cultivation, Photography, Flower Arrangement, Sewing and Dressmaking, Radio Servicing and Stage Production.

Expenditure On Education

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

14.1 ENROLMENT IN EDUCATIONAL INSTITUTIONS

Number

Year	Primary Schools	Secondary Schools			Technical and Vocational Institutes	Industrial Training Centres	Universi- ties and Colleges	Total
		Total	Academic	Others(1)				
1962	318,643	72,308	68,931	3,377	-	-	10,113	401,064
1963	335,656	84,425	81,245	3,180	843	-	11,849	432,773
1964	348,167	99,592	91,226	8,366	871	-	12,693	461,323
1965	357,075	114,736	102,861	11,875	1,193	-	13,807	486,811
1966	364,846	132,088	116,956	15,132	1,409	-	13,184	511,527
1967	368,654	144,448	124,701	19,747	1,752	-	13,005	527,859
1968	371,970	150,641	127,866	22,775	2,199	-	12,447	537,257
1969	366,881	147,981	131,455	16,526	2,843	1,286	12,425	531,416

Notes: During 1962-1965 data refer to end-September and from 1966 onwards data refer to end-June.

Source: Ministry of Education

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

14.2 STUDENTS AND TEACHERS AT EDUCATIONAL INSTITUTIONS, 1969

(As at end of June)

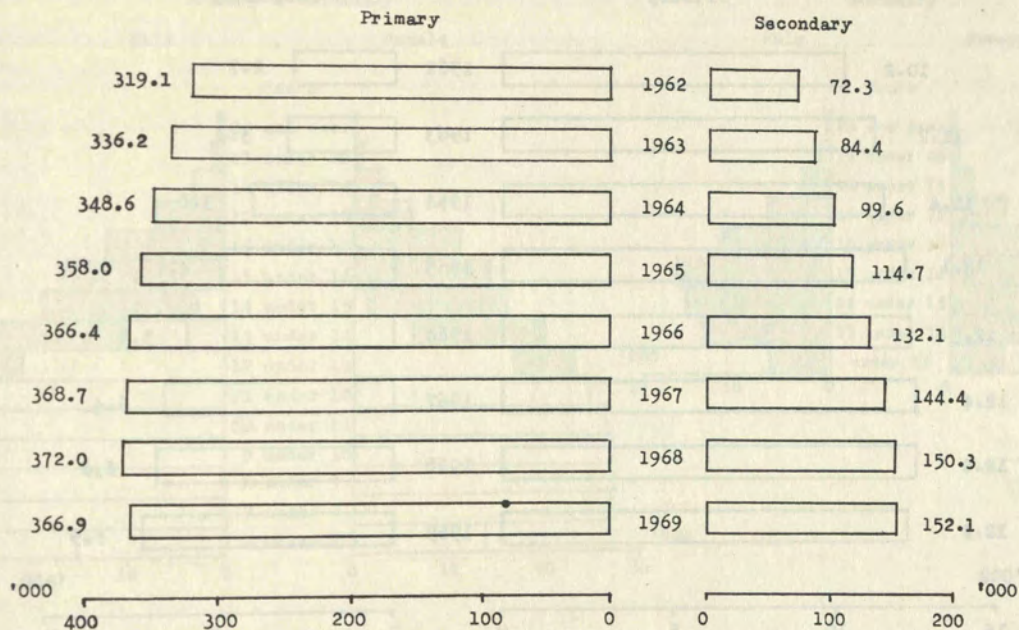
Level of Education	Number of Schools(1)	Students			Teachers(2)		
		Total	Male	Female	Total	Male	Female
Primary	437	366,881	195,780	171,101	12,156	4,483	7,673
Secondary:							
Academic ..	112	131,455	64,325	67,130	5,725	3,122	2,603
Technical ..	9	10,797	9,859	938	611	457	154
Vocational ..	4	4,840	3,560	1,280	193	125	68
Commercial ..	1	889	348	541	59	39	20
Technical and Vocational Institutes	4	2,843	2,660	183	230	221	9
Industrial Training Centres ..	4	1,286	1,197	89	128	126	2
Universities and Colleges ..	5	12,425	8,810	3,615	1,078	918	160
Total	576	531,416	286,539	244,877	20,180	9,491	10,689

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

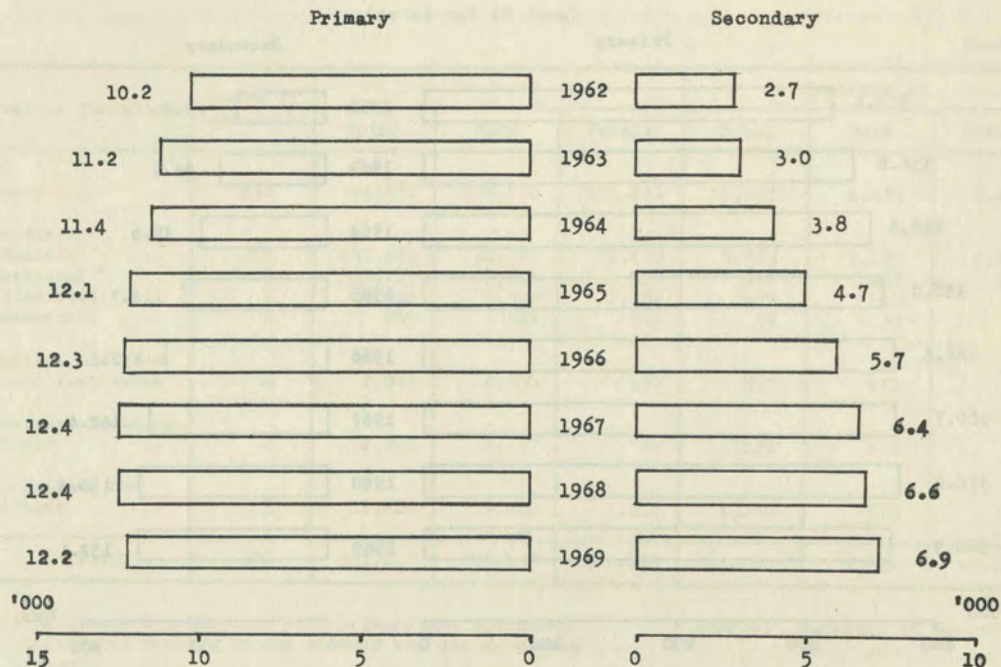
(2) Excluding 233 Craft Teachers in Centralised Workshops and 73 Music Teachers in Extra-Curricula Activities Centre.

Source: Ministry of Education

NUMBER OF STUDENTS



NUMBER OF TEACHERS



PRIMARY & SECONDARY EDUCATION

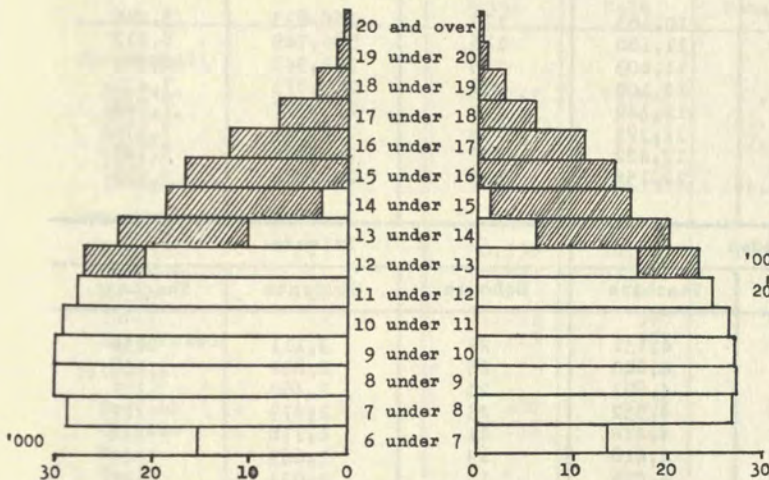
Enrolment by Age and Sex, 1969

Primary & Secondary

Male

Female

Years

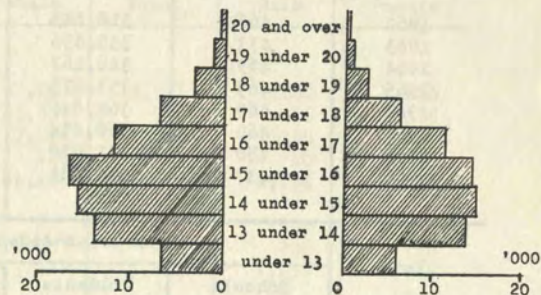


Secondary

Male

Female

Years



14.3 PRIMARY EDUCATION: NUMBER OF SCHOOLS, STUDENTS AND TEACHERS

Number

Year	All Schools			Government		
	Schools	Students	Teachers	Schools	Students	Teachers
1962	466	318,643	10,163	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

Year	Government-Aided			Private		
	Schools	Students	Teachers	Schools	Students	Teachers
1962	266	148,699	4,731	27	3,111	136
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

Notes: See notes to Table 14.1

Source: Ministry of Education

14.4 PRIMARY EDUCATION: STUDENTS AND TEACHERS BY TYPE OF SCHOOL, 1969
(As at end of June)

Type of School	Number					
	Students			Teachers (1)		
	Total	Male	Female	Total	Male	Female
Government:						
English	123,247	66,040	57,207	3,991	1,181	2,810
Chinese	7,766	4,229	3,537	252	96	156
Malay	15,365	6,163	9,202	656	355	301
Tamil	174	54	120	15	10	5
Integrated ..	91,537	50,351	41,186	3,045	1,134	1,911
Government-Aided:						
English	30,058	14,791	15,267	925	206	719
Chinese	96,682	53,170	43,512	3,164	1,459	1,705
Malay	-	-	-	-	-	-
Tamil	1,033	368	665	62	31	31
Integrated	275	161	114	9	5	4
Private:						
English	508	307	201	27	2	25
Chinese	236	146	90	10	4	6
Malay	-	-	-	-	-	-
Tamil	-	-	-	-	-	-
Total	366,881	195,780	171,101	12,156	4,483	7,673

(1) Exclude 57 Music Teachers in Extra-Curricula Activities Centre.

Source: Ministry of Education

14.5 PRIMARY EDUCATION: ENROLMENT BY LEVEL OF EDUCATION AND AGE

Males

Age as at 1.7.69	Primary I	Primary II	Primary III	Primary IV	Primary V	Primary VI	Primary VI (Repeat)	Total
Under 6	2	-	-	-	-	-	-	2
6 and under 7	15,232	16	-	-	-	-	-	15,248
7 and under 8	13,253	15,614	51	3	-	-	-	28,921
8 and under 9	17	13,147	16,811	47	4	-	-	30,026
9 and under 10	3	375	14,135	15,449	136	1	-	30,099
10 and under 11	1	11	795	15,229	13,376	58	3	29,473
11 and under 12	-	4	44	1,906	14,448	11,425	56	27,883
12 and under 13	-	2	8	180	2,895	14,151	3,778	21,014
13 and under 14	1	2	5	19	346	3,476	6,302	10,151
14 and under 15	-	1	4	18	31	645	2,133	2,832
15 and under 16	-	-	1	3	11	50	21	86
16 and over	-	-	-	2	17	26	-	45
Total	28,509	29,172	31,854	32,856	31,264	29,832	12,293	195,780

Females

Age as at 1.7.69	Primary I	Primary II	Primary III	Primary IV	Primary V	Primary VI	Primary VI (Repeat)	Total
Under 6	5	-	-	-	-	-	-	5
6 and under 7	14,386	15	1	-	-	-	-	14,402
7 and under 8	12,015	14,762	50	2	-	-	-	26,829
8 and under 9	22	11,910	15,309	71	6	-	-	27,318
9 and under 10	2	205	12,530	14,229	97	7	-	27,070
10 and under 11	1	7	556	13,585	12,302	51	2	26,504
11 and under 12	-	3	20	1,425	12,649	10,623	37	24,757
12 and under 13	-	-	8	112	1,963	12,444	2,350	16,877
13 and under 14	-	-	5	8	203	2,426	3,314	5,956
14 and under 15	-	-	2	6	13	330	961	1,312
15 and under 16	-	-	-	4	5	37	3	49
16 and over	-	-	-	-	6	16	-	22
Total	26,431	26,902	28,481	29,442	27,244	25,934	6,667	171,101

Source: Ministry of Education

14.6 SECONDARY EDUCATION: NUMBER OF SCHOOLS, STUDENTS AND TEACHERS

Number

Year	All Schools			Government		
	Schools	Students	Teachers	Schools	Students	Teachers
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

Year	Government-Aided			Private		
	Schools	Students	Teachers	Schools	Students	Teachers
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

Notes: See notes to Table 14.1

Source: Ministry of Education

14.7 SECONDARY EDUCATION: STUDENTS AND TEACHERS BY TYPE OF SCHOOL, 1969

(As at end of June)

Type of School	Students			Teachers (1)		
	Total	Male	Female	Total	Male	Female
Government:						
English	24,082	12,270	11,812	1,008	455	553
Chinese	6,590	3,749	2,841	294	178	116
Malay	-	-	-	-	-	-
Tamil	-	-	-	-	-	-
Integrated ..	74,213	41,090	33,123	3,592	2,199	1,393
Government-Aided:						
English	19,650	9,591	10,059	773	318	455
Chinese	20,882	10,247	10,635	807	543	264
Malay	-	-	-	-	-	-
Tamil	280	71	209	16	10	6
Integrated ..	-	-	-	-	-	-
Private:						
English	2,143	993	1,150	88	33	55
Chinese	141	81	60	10	7	3
Malay	-	-	-	-	-	-
Total	147,981	78,092	69,889	6,588	3,743	2,845

(1) Excluding 233 Craft Teachers in Centralised Workshops and 16 Music Teachers in Extra-Curricular Activities Centre.

Source: Ministry of Education

14.8 SECONDARY EDUCATION: ENROLMENT BY LEVEL OF EDUCATION AND AGE, 1969

ACADEMIC SCHOOLS

Males

Age as at 1.7.69	Secondary I	Secondary II	Secondary III	Secondary IV	Pre-University I	Pre-University II	Total
Under 12	102	-	-	-	-	-	102
12 and under 13	6,296	67	1	-	-	-	6,364
13 and under 14	8,452	3,839	25	1	-	-	12,317
14 and under 15	3,467	5,531	3,483	27	1	-	12,509
15 and under 16	844	2,255	6,092	2,950	59	3	12,203
16 and under 17	75	549	2,991	5,225	699	69	9,608
17 and under 18	44	106	923	3,442	1,126	635	6,276
18 and under 19	27	58	176	1,145	563	1,189	3,158
19 and under 20	7	29	55	153	201	806	1,251
20 and under 21	3	10	25	34	29	306	407
21 and under 22	1	4	10	6	5	73	99
22 and over	-	1	8	4	-	18	31
Total	19,318	12,449	13,789	12,987	2,683	3,099	64,325

Females

Age as at 1.7.69	Secondary I	Secondary II	Secondary III	Secondary IV	Pre-University I	Pre-University II	Total
Under 12	54	-	-	-	-	-	54
12 and under 13	6,103	53	-	-	-	-	6,156
13 and under 14	8,445	5,173	45	-	-	-	13,663
14 and under 15	2,627	7,503	4,274	20	2	-	14,426
15 and under 16	513	2,577	6,684	3,297	41	3	13,115
16 and under 17	63	485	2,824	6,182	585	79	10,218
17 and under 18	39	106	751	3,516	902	578	5,892
18 and under 19	26	60	123	1,038	331	860	2,438
19 and under 20	10	26	70	109	115	491	821
20 and under 21	9	11	41	42	20	154	277
21 and under 22	-	2	5	9	2	39	57
22 and over	1	-	1	4	1	6	13
Total	17,890	15,996	14,818	14,217	1,999	2,210	67,130

Source: Ministry of Education

14.9 SECONDARY EDUCATION: ENROLMENT BY LEVEL OF EDUCATION AND AGE, 1969
TECHNICAL, VOCATIONAL AND COMMERCIAL SCHOOLS

Males

Age as at 1.7.69	Total	Technical					Vocational(1)		Commercial				
		I	II	III	IV	Pre-U I	I	II	I	II	III	IV	Pre-U I
Under 12	-	-	-	-	-	-	-	-	-	-	-	-	-
12 and under 13	1	-	1	-	-	-	-	-	-	-	-	-	-
13 and under 14	1,615	-	1,614	-	-	-	-	1	-	-	-	-	-
14 and under 15	3,415	-	2,673	692	-	-	-	3	-	-	47	-	-
15 and under 16	4,550	-	1,169	1,030	307	3	-	1,958	-	-	66	17	-
16 and under 17	2,597	-	231	488	640	34	-	1,116	-	-	29	53	6
17 and under 18	869	-	26	147	490	37	-	75	-	-	6	66	22
18 and under 19	275	-	2	15	189	32	-	6	-	-	-	17	14
19 and under 20	36	-	-	2	24	4	-	1	-	-	-	-	5
20 and over	9	-	-	-	6	3	-	-	-	-	-	-	-
Total	13,367	-	5,716	2,374	1,656	113	-	3,160	-	-	148	153	47

(1) Exclude enrolment of 400 secondary students of Boys' Town School.

Females

Age as at 1.7.69	Total	Technical					Vocational		Commercial				
		I	II	III	IV	Pre-U I	I	II	I	II	III	IV	Pre-U I
Under 12	-	-	-	-	-	-	-	-	-	-	-	-	-
12 and under 13	-	-	-	-	-	-	-	-	-	-	-	-	-
13 and under 14	185	-	185	-	-	-	-	-	-	-	-	-	-
14 and under 15	348	-	267	29	-	-	-	4	-	-	48	-	-
15 and under 16	1,182	-	117	79	38	-	-	831	-	-	81	36	-
16 and under 17	735	-	19	36	75	2	-	422	-	-	57	106	18
17 and under 18	250	-	2	15	55	1	-	22	-	-	6	103	46
18 and over	59	-	-	-	16	2	-	1	-	-	-	33	7
Total	2,759	-	590	159	184	5	-	1,280	-	-	192	278	71

Source: Ministry of Education

14.10 UNIVERSITIES AND COLLEGES - STUDENT ENROLMENT

Number

Year	Singapore University		Nanyang University		Singapore Polytechnic		Ngee Ann Technical College		Teachers' Training College		Total	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1962	1,570	579	1,655	455	2,667	68	-	-	1,738	1,381	7,630	2,483
1963	1,790	643	1,760	564	2,154	105	277	109	2,096	2,351	8,077	3,772
1964	1,885	687	1,676	597	2,199	100	508	180	2,197	2,664	8,465	4,228
1965	2,035	835	1,559	567	2,255	80	634	239	2,355	3,248	8,838	4,969
1966	2,063	949	1,331	520	2,536	106	602	250	2,002	2,825	8,534	4,650
1967	2,227	1,056	1,218	532	2,814	149	296	104	1,841	2,768	8,396	4,609
1968	2,505	1,209	1,345	646	3,207	167	288	65	1,163	1,852	8,508	3,939
1969	2,969	1,316	1,362	678	3,177	118	379	150	923	1,353	8,810	3,615

Source: Ministry of Education

14.11 UNIVERSITIES AND COLLEGES: STUDENTS ADMITTED AND GRADUATED

Number

	Admitted				Graduated			
	1966	1967	1968	1969	1966	1967	1968	1969
Universities:								
Arts	447	624	736	709	311	309	350	439
Science	477	586	667	647	391	447	446	578
Law	91	91	230	122	76	67	45	47
Medicine	131	125	112	144	106	135	116	132
Dentistry	41	33	44	56	28	34	34	35
Pharmacy	39	32	75	35	43	61	25	27
Education	25	40	62	62	29	30	56	60
Commerce	136	174	202	250	154	166	103	321
Total	1,387	1,705	2,128	2,025	1,138	1,249	1,175	1,639
Polytechnic:								
Engineering	478	527	646	2,464	185	157	205	263
Architectural Building..	231	184	254	682	55	72	98	92
Accounting	112	155	171	-	52	76	75	90
Nautical	53	30	66	110	30	30	30	14
Total	874	896	1,137	3,256	322	335	408	459
Colleges:								
Ngee Ann	200	(1)	116	385	184	134	126	134
Teachers' Training	1,648	1,652	905	880	2,170	1,844	2,297	1,443
Total	1,848	1,652	1,021	1,265	2,354	1,978	2,423	1,577
Total Universities & Colleges	4,109	4,253	4,286	6,546	3,814	3,562	4,006	3,675

(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

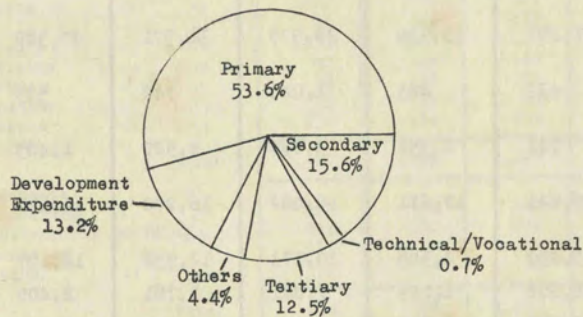
14.12 LEMBAGA GERAKAN PELAJARAN DEWASA (ADULT EDUCATION BOARD): STUDENT ENROLMENT

	Number							
	1962	1963	1964	1965	1966	1967	1968	1969
Literacy and Language Classes	12,670	20,491	27,297	33,936	28,975	34,571	30,389	14,668
Special Language Classes	850	120	437	463	1,043	742	535	565
Foreign Language Classes	-	553	741	1,954	3,864	1,922	1,485	1,362
General Education Classes	6,191	7,916	9,941	12,671	16,082	16,270	16,627	11,032
Special Subject Classes	1,101	3,336	5,250	7,585	10,173	12,958	12,127	6,565
Commercial Classes	534	1,538	1,308	1,149	1,081	1,761	2,409	2,530
Vocational Classes	2,471	3,593	5,470	4,739	6,011	4,332	5,400	5,017
Recreational Courses	1,742	1,613	1,690	1,947	3,571	4,284	4,737	3,767
Special Classes for Overaged Students	-	-	-	-	-	-	-	4,105
Total	25,559	39,160	52,134	64,444	70,800	76,840	73,709	49,611

Source: Adult Education Board

ALLOCATION OF GOVERNMENT EXPENDITURE ON EDUCATION

\$94.8 Mil.

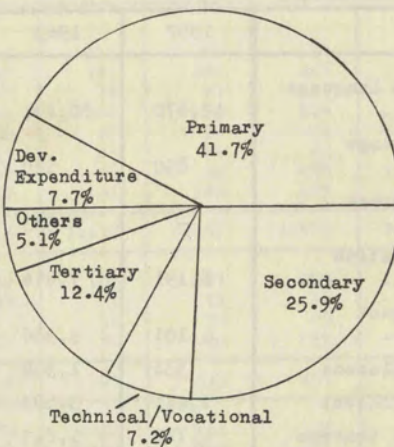


1962
\$ Mil.

50.8
14.8
0.7
11.8
4.2
12.5
94.8

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

\$217.8 Mil.



1969
\$ Mil.

90.9
56.5
15.6
26.9
11.1
16.8
217.8

14.13 ALLOCATION OF GOVERNMENT EXPENDITURE ON EDUCATION

\$ Thousand

	1962	1963	1964	1965	1966	1967	1968	1969
CURRENT EXPENDITURE								
Primary	50,834.6	58,581.2	61,337.0	65,143.6	66,579.0	68,177.2	71,828.6	90,942.6
Secondary	14,751.2	17,206.0	21,211.7	24,923.5	31,386.9	37,710.9	44,697.9	56,476.9
Technical/Vocational (incl. Industrial Training Centres)	717.0	1,508.7	2,176.2	2,822.2	3,648.2	4,486.9	4,335.4	15,587.4
Tertiary: Singapore University/ Nanyang University	8,935.0	8,743.4	9,569.0	10,337.0	11,410.9	11,985.8	13,150.7	18,400.0
Teachers' Training College	1,317.9	1,532.8	1,629.9	1,999.0	2,044.3	1,978.9	2,176.3	2,972.2
Singapore Polytechnic	1,595.3	2,000.2	1,850.0	2,400.0	2,700.0	3,840.0	3,500.0	5,500.0
Adult Education	500.0	853.2	1,200.0	1,635.0	2,080.4	2,101.8	2,000.0	1,875.0
Others	3,656.3	4,218.2	4,383.8	3,545.2	4,226.0	4,769.2	5,108.0	9,203.0
Total	82,307.3	94,643.7	103,357.6	112,805.5	124,075.7	135,050.7	146,796.9	200,957.1
DEVELOPMENT EXPENDITURE	12,483.9	13,243.9	16,871.6	17,405.7	18,304.2	20,687.4	8,933.2	16,792.0
TOTAL EXPENDITURE	94,791.3	107,887.6	120,229.2	130,211.2	142,379.9	155,738.1	155,730.1	217,749.1

Source: Ministry of Education

15. HEALTH

The provision of health services by the Government in Singapore is very comprehensive. The Ministry of Health is responsible for the overall policy on health matters, the maintenance of public health standards, the development of health programmes and preventive measures and the provision of treatment and hospital facilities. In addition, there are two organisations which provide specific health services and facilities, namely, the Singapore Family Planning and Population Board which provides family planning advice and facilities, and the Singapore Anti-Tuberculosis Association which caters for the detection and treatment of tuberculosis and heart diseases.

Medical Personnel

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

Registration Ordinance, the Midwives Ordinance and the Registration of Pharmacists Ordinance.

Hospitals And Outpatients

Hospital and outpatient services are provided at the two general hospitals and nine other specialised hospitals as well as in the outpatient clinics and maternal and child health centres. In addition, there are five private hospitals and some three hundred private clinics and dispensaries in Singapore catering for the medical care of the people.

Maternal And Child Health

The health services provided by the Government for expectant mothers include regular antenatal and postnatal checks at the Government Maternity Hospital and Maternal and Child Health Clinics, attendances by midwives at confinement in the homes, delivery services at the Kandang Kerbau Maternity Hospital and domiciliary after-care service. The maternal and child health centres also provide immunisation and vaccination services for infants and children.

School Health

The school health service caters for the needs of school-going children and provides regular medical examination, immunisation services and medical treatment, wherever 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 1962-1968 were classified according to the Sixth Revision of the International Classification of Causes of Death. For 1969, the Eighth Revision of the International Classification of Causes of Death was used.

15.1 HOSPITALS, GOVERNMENT CLINICS AND DISPENSARIES

Number

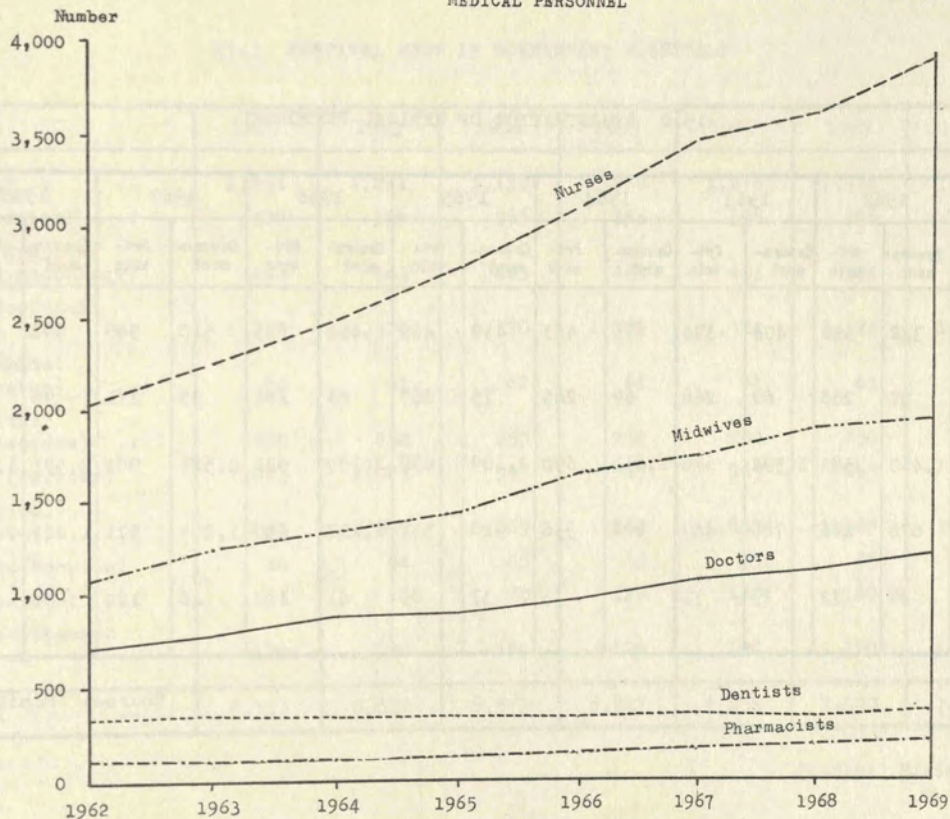
Year	Hospitals(1)	Government Dental Clinics	Government Outdoor Dispensaries	Government Maternal and Child Health Clinics		
				Main Maternal and Child Health Clinics	Visiting Centres	Midwives Clinics
1962	16	34	21	28	22	7
1963	16	45	24	34	22	7
1964	16	51	26	34	22	7
1965	16	59	26	34	22	8
1966	16	62	26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

(1) Include five private hospitals.

Source: Ministry of Health

(2) Include seven centres which are also midwives clinics.

MEDICAL PERSONNEL



15.2 REGISTRATION OF MEDICAL PERSONNEL

Number

Medical Personnel	1962		1963		1964		1965		1966		1967		1968		1969	
	Govern- ment	Pri- vate	Govern- ment	Pri- vate	Govern- ment	Pri- vate	Govern- ment	Pri- vate	Govern- ment	Pri- vate	Govern- ment	Pri- vate	Govern- ment	Pri- vate	Govern- ment	Pri- vate
Doctors	332	390	404	394	426	463	450	469	454	535	510	589	502	657	517	726
Dentists	57	268	62	268	69	265	75	267	83	261	95	271	90	269	96	295
Nurses	1,460	583	1,594	676	1,831	690	2,109	698	2,309	822	2,527	981	2,591	1,079	2,689	1,261
Midwives	678	406	788	469	821	536	928	537	1,117	559	1,207	571	1,427	504	1,361	626
Pharmacists	29	72	29	71	32	73	37	89	41	107	46	124	46	160	46	182

Source: Ministry of Health

15.3 HOSPITAL BEDS IN GOVERNMENT HOSPITALS

	Number							
	1962	1963	1964	1965	1966	1967	1968	1969
General Hospital	1,231	1,231	1,132	1,278	1,278	1,314	1,328	1,328
Thomson Road Hospital ..	396	396	396	396	396	396	396	396
Kandang Kerbau Hospital (Maternity & Gynaecology)	443	443	443	443	443	554	544	539
Tan Tock Seng Hospital (Tuberculosis)	1,250	1,320	1,320	1,320	1,324	1,324	1,324	1,324
Middle Road Hospital (Venereal Diseases) ..	60	61	61	61	61	63	63	63
Middleton Hospital (Infectious Diseases) ..	250	250	250	250	250	250	250	250
Trafalgar Home (Leprosy)	1,023	1,023	965	965	965	965	965	785
Woodbridge Hospital (Mental Illnesses) ..	1,869	1,869	1,869	1,869	1,869	1,869	1,869	2,029
Mental Defective Hospital	46	44	45	45	45	45	45	45
Chronic Sick Hospital ..	35	70	70	70	100	100	100	100
St. Andrew's Orthopaedic Hospital	120	120	120	120	120	120	120	120
Total ..	6,723	6,827	6,671	6,817	6,851	7,000	7,004	6,979

Source: Ministry of Health

15.4 ADMISSIONS IN GOVERNMENT HOSPITALS

Patient Days

Hospitals	1962	1963	1964	1965	1966	1967	1968	1969
General Hospital	383,559	378,862	383,559	390,422	390,502	394,621	406,711	416,255
Thomson Road Hospital ..	54,203	54,203	52,704	61,320	75,553	83,192	82,151	90,596
Kandang Kerbau Hospital (Maternity & Gynaecology)	145,635	114,900	162,435	186,103	183,945	190,584	164,888	155,472
Tan Tock Seng Hospital (Tuberculosis)	405,025	404,135	403,623	418,291	405,866	379,254	372,771	358,747
Middle Road Hospital (Venereal Diseases) ..	12,045	10,766	9,946	12,439	13,884	14,582	16,476	15,591
Middleton Hospital (Infectious Diseases) ..	60,955	56,004	46,440	46,840	48,176	46,962	41,917	38,630
Trafalgar Home	250,145	229,950	218,270	290,145	184,325	174,470	171,520	185,785
Woodbridge Hospital (Mental Illnesses) ..	967,691	1,056,766	1,268,759	1,379,478	1,471,173	1,426,979	916,515	968,645
Mental Defective Hospital	15,851	15,620	16,470	15,470	16,425	15,809	15,695	10,237
Chronic Sick Hospital ..	15,859	25,550	24,976	23,441	32,634	35,374	33,223	27,768
St. Andrew's Orthopaedic Hospital	35,105	32,289	35,220	32,111	29,801	30,858	22,735	30,941

Source: Ministry of Health

15.5 ADMISSIONS OF MAJOR INFECTIOUS DISEASES: GOVERNMENT HOSPITALS

	Number Admitted							
	1962	1963	1964	1965	1966	1967	1968	1969
Dysentery	622	644	687	522	537	381	435	466
Chicken Pox	1,249	1,221	701	1,385	360	970	863	491
Diphtheria	353	394	204	226	214	207	54	64
Measles	403	315	283	184	387	160	460	84
Mumps	42	50	29	22	11	80	80	101
Poliomyelitis	12	66	12	40	10	3	4	-
Typhoid	103	169	120	271	113	81	109	214
Whooping Cough	37	9	14	6	26	5	6	10

Source: Ministry of Health

15.6 ATTENDANCES AT GOVERNMENT DENTAL CLINICS

Number of Visits

Year	Schools Division	Hospitals Division	Maternal and Child Health Division	Miscellaneous	Total
1962	119,953	122,287	33,650	10,102	285,992
1963	138,874	133,598	27,167	10,714	310,353
1964	157,112	119,443	24,240	13,938	314,733
1965	196,503	127,182	24,409	12,825	360,919
1966	241,015	139,237	24,440	11,103	415,795
1967	296,002	154,406	26,097	10,695	487,200
1968	340,208	150,798	26,218	6,174	523,398
1969	403,452	134,409	35,142	6,237	579,240

Source: Ministry of Health

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

	Number							
	1962	1963	1964	1965	1966	1967	1968	1969
Ante-natal visits to Clinics	151,308	120,627	141,473	161,049	154,195	128,228	130,001	136,931
Post-natal visits to Clinics (1)	4,261	4,397	7,958	10,258	6,531	7,906	9,432	1,813
Confinements attended to by Government Midwives.. ..	5,925	2,529	6,336	5,559	3,937	2,175	1,601	835
Deliveries at Kandang Kerbau Maternity Hospital	37,670	39,318	39,378	38,711	39,851	38,252	36,427	31,255
Visits by Midwives in the Puerperium (2)	147,872	155,183	158,009	159,974	155,912	143,633	138,939	193,059

- (1) Data from 1966 exclude pre-natal visits now incorporated in Family Planning Sessions.
- (2) 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)

	1962	1963	1964	1965	1966	1967	1968	Number 1969
Infant attendances ..	427,237	447,539	443,273	457,906	459,859	438,569	412,496	397,170
Toddler & pre-school attendances	733,216	382,931	366,345	428,211	439,477	422,829	414,071	374,025
B.C.G. attendances ..	12,186	14,025	14,663	15,961	15,740	13,221	11,431	12,302
Primary vaccination attendances	47,175	45,480	45,774	44,916	44,420	42,904	38,609	36,072
Diphtheria immunisation:								
1st dose	16,620	6,656	9,562	26,888	12,792	10,843	10,156	7,047
2nd dose	13,243	6,469	7,907	28,566	14,194	11,876	10,950	7,795
Boosters	7,709	6,363	13,279	29,536	33,072	30,940	29,302	33,356
Kampong diphtheria immunisation								
1st dose	383	1,541	1,892	2,925	1,431	1,020	1,013	794
2nd dose	140	1,055	1,325	1,972	969	853	770	608
Boosters	231	740	1,056	2,809	2,084	2,117	2,635	2,816
Triple antigen immunisation (Clinic):								
1st dose	63,695	49,534	40,474	27,810	46,522	44,429	40,812	36,313
2nd dose	51,552	44,199	40,249	25,309	43,435	44,168	40,331	36,253
3rd dose	45,009	43,372	39,506	24,943	40,406	43,919	41,209	36,759
Boosters	20,570	16,228	11,144	6,297	10,338	12,213	14,102	13,178

Source: Ministry of Health

15.9 SCHOOL HEALTH: MEDICAL EXAMINATIONS

	Number							
	1962	1963	1964	1965	1966	1967	1968	1969
New Entrants	51,904	48,567	50,936	55,800	58,089	54,726	51,942	52,441
Primary Leavers	35,695	36,201	40,920	48,626	49,766	51,448	55,158	59,391
Secondary Leavers	9,273	6,633	9,956	16,244	16,849	22,676	24,402	28,969
Re-examination	21,535	19,190	16,275	20,955	23,119	18,848	20,587	22,300
Others	13,985	5,252	7,202	9,216	5,288	4,239	5,836	5,324
Total	132,392	115,843	125,289	150,841	153,111	151,937	157,925	168,425
Boys	61,489	63,402	63,235	73,124	70,717	74,094	75,812	80,880
Girls	70,903	52,441	62,054	77,717	82,394	77,843	82,113	87,545

Source: Ministry of Health

15.10 SCHOOL MEDICAL EXAMINATION: PERCENTAGE OF INCIDENCE: BOYS

Percentage

	1962	1963	1964	1965	1966	1967	1968	1969
Incidence of:								
Dental caries	47.24	40.59	35.85	32.32	30.66	27.01	32.34	30.96
Skin infection ..	4.36	3.70	4.11	3.46	4.22	3.61	5.72	4.90
Eyes: Infection ..	.73	.91	1.51	.90	.99	.74	.44	.38
Defective vision	6.52	5.72	6.33	6.81	9.09	8.65	7.34	7.65
F.N.T. Enlarged tonsils	.15	.52	.16	.15	.35	.08	.05	.01
Ear infections	.34	.39	.47	.22	.13	.08	.06	.05
Cardiac disease ..	.27	.65	.77	.73	.29	.99	1.23	.77
Respiratory infection	.96	1.53	1.31	.76	.45	.32	.44	1.15
Genito - Urinary ..	2.86	6.10	6.17	5.90	4.65	3.34	5.01	4.74
Anaemia (under 60% HG)	.33	.46	.12	.09	.16	.13	.65	2.05
Worm infestation ..	1.34	.76	4.16	.70	5.56	1.93	4.11	2.79
Other abnormalities incl. postural defects, cleft palate, chest deformities	1.36	2.27	2.49	1.32	2.02	1.45	1.90	1.47
Children examined (number)	61,489	63,402	63,235	73,124	70,717	74,094	75,812	80,880

Source: Ministry of Health

15.11 SCHOOL MEDICAL EXAMINATION: PERCENTAGE OF INCIDENCE: GIRLS

Percentage

	1962	1963	1964	1965	1966	1967	1968	1969
Incidence of:								
Dental caries	41.11	38.68	40.01	40.66	35.91	26.32	19.59	25.69
Skin infection ..	9.15	6.94	5.35	5.14	5.66	5.80	5.62	6.26
Eyes: Infection ..	.39	.35	.34	.39	.50	1.04	1.11	1.28
Defective vision	7.68	10.17	9.02	10.00	10.42	12.37	12.32	15.35
E.N.T. Enlarge tonsils	.11	.22	.19	.23	.02	.02	.06	.33
Ear infections	.06	.07	.06	.09	.09	.11	.15	.19
Cardiac disease ..	.39	.52	.44	.59	.39	.53	.57	.66
Respiratory infection	1.00	1.14	2.04	1.56	1.91	1.32	.82	1.26
Genite - Urinary ..	.27	.24	.29	.29	.27	.33	.32	.33
Anaemia (under 60% HG)	.58	1.28	.96	.48	.16	.19	.11	.13
Worm infestation ..	5.06	4.58	5.47	4.45	4.24	3.11	1.51	3.73
Other abnormalities incl. postural defects, cleft palate, chest deformities	1.02	1.54	2.00	1.21	1.68	1.45	.94	1.12
Children examined (number)	70,903	52,441	62,054	77,717	82,394	77,843	82,113	87,545

Source: Ministry of Health

15.12 FAMILY PLANNING CLINIC ATTENDANCES

Year	Number		
	New Patients	Re-Visits	Total Attendances
1962	7,189	41,727	48,916
1963	8,429	51,765	60,194
1964	9,339	69,029	78,368
1965	9,845	94,141	103,986
1966	32,555	91,267	123,822
1967	32,284	191,010	223,294
1968	35,338	272,879	308,217
1969	35,643	358,983	394,626

Data for 1962-1965 were obtained from the Singapore Family Planning Association and 1966 onwards from the Singapore Family Planning and Population Board.

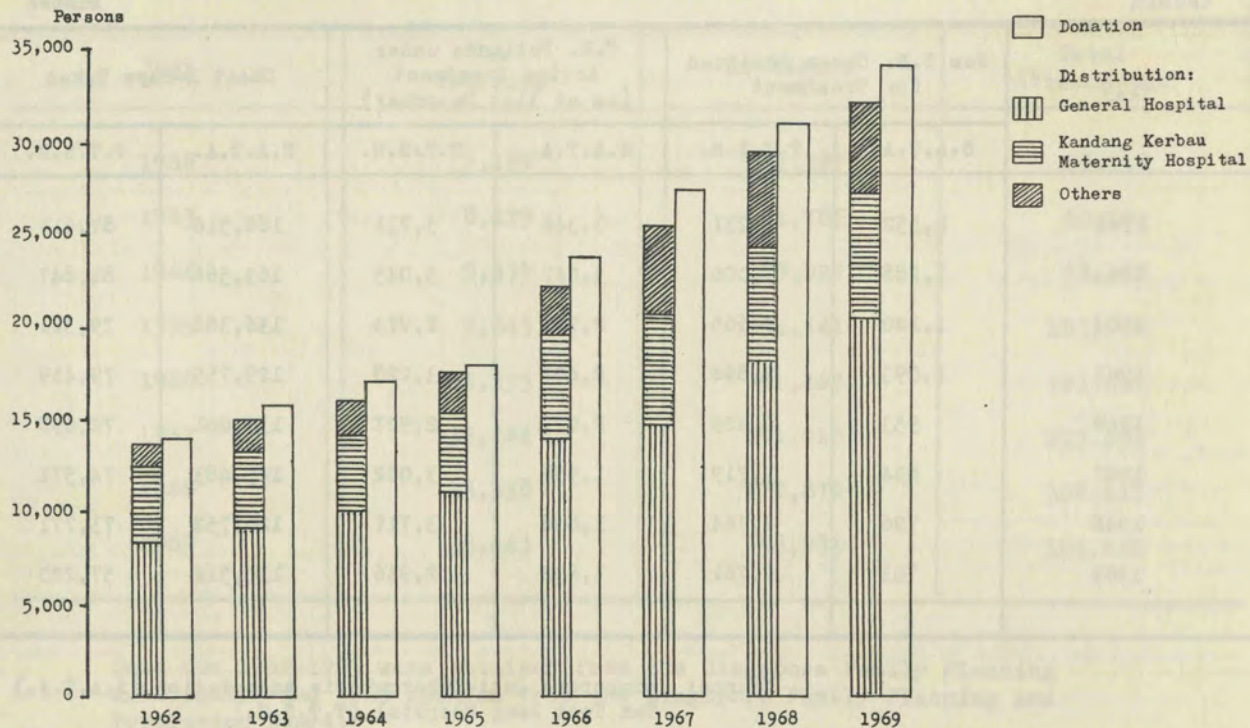
15.13 X-RAYS AND TUBERCULOSIS TREATMENT

Number

Year	New T.B. Cases Admitted for Treatment		T.B. Patients under Active Treatment (as at 31st 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.
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

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

Persons

Year	Donations Received	Distribution of Transfusions			
		General Hospital	Kandang Kerbau Maternity Hospital	Other Hospitals	Total
1962	14,183	8,499	4,177	1,099	13,775
1963	15,649	9,069	4,112	1,744	14,925
1964	17,379	9,910	4,224	1,947	16,081
1965	17,813	11,026	4,251	2,329	17,606
1966	23,907	13,890	5,490	2,856	22,236
1967	27,155	14,698	5,986	4,658	25,342
1968	31,128	18,023	6,160	5,323	29,506
1969	34,091	20,398	6,781	5,010	32,189

Source: Ministry of Health

15.15 MAJOR CAUSES OF DEATH

Causes of Death	Number							
	1962	1963	1964	1965	1966	1967	1968	1969
All Causes	10,250	10,214	10,510	10,381	10,552	10,617	11,050	10,291
Tuberculosis, all forms ..	654	669	710	647	576	551	496	420
of the respiratory system	626	647	685	621	555	528	474	404
Malignant neoplasms	1,206	1,313	1,332	1,386	1,354	1,512	1,521	1,533
(i) of stomach	277	281	280	254	242	289	259	300
(ii) of bronchus and lung ..	161	202	188	202	206	229	255	232
(iii) of liver	151	174	157	194	203	204	187	205
Benign and unspecified neoplasms	48	46	34	52	35	27	53	44
Cerebrovascular disease ..	562	641	647	701	765	866	608	864
(i) Cerebral haemorrhage ..	405	437	407	440	488	622	367	318
(ii) Cerebral embolism & thrombosis	114	142	186	155	152	142	133	181
Heart diseases	886	951	1,005	1,062	1,150	1,200	1,220	1,389
(i) Ischaemic heart disease	381	399	502	529	598	605	701	847
(ii) Cardiomyopathy & chronic disease of endocardium (including diseases of aortic valve not specified as rheumatic)	23	32	26	40	31	14	35	31
(iii) Diseases of valves specified as rheumatic	66	58	47	46	40	50	58	45
Hypertensive disease	235	229	249	287	274	268	650	380
Pneumonia, all forms (including pneumonia of newborn) ..	984	930	877	862	944	898	891	659
- Bronchopneumonia	587	547	496	521	591	549	555	480

15.15 MAJOR CAUSES OF DEATH (continued)

Causes of Death	Number							
	1962	1963	1964	1965	1966	1967	1968	1969
Bronchitis, emphysema and asthma	331	296	371	358	325	322	345	414
- Chronic bronchitis ..	94	100	132	142	129	136	239	183
Gastro-enteritis and colitis	340	247	174	167	192	173	124	146
Cirrhosis of liver	113	107	96	120	103	102	122	125
Nephritis, all forms ..	174	181	168	138	130	151	133	134
- Chronic nephritis ..	106	109	115	94	72	74	54	93
Birth injury and difficult labour	72	155	165	111	74	73	49	41
Anoxic and hypoxic condition not elsewhere classified ..	154	122	234	263	303	267	133	95
Motor vehicle accidents ..	170	201	212	237	260	223	295	294
Accidental drowning and submersion	91	79	99	86	104	103	89	66
Suicide, all forms	139	155	147	146	193	186	223	188
(i) Hanging, strangulation and suffocation ..	54	71	67	60	72	73	86	71
(ii) Jumping from high places	34	36	30	36	67	63	85	76

Note: Figures include deaths of non-locally domiciled Services personnel (including United Kingdom - based civilians employed by the Services) and members of their families.

16. CULTURE

Radio And Television Broadcast

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

Radio Singapore operates both on medium and short-wave bands. In July 1969, a new F.M. Stereo Service was also started. Television services were first introduced in Singapore in February 1963. Programmes are now transmitted over two channels in all the official languages and are usually subtitled in one other language so as to cater for a greater number of viewers.

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

Under the Broadcasting and Television Ordinance, a licence has to be obtained by all

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

Cinemas

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

Library

The National Library is a public library maintained by the Government and provides

essential library facilities to the community. In addition to the central library in Stamford Road, there are two part-time branch libraries in the Siglap and Joo Chiat Community Centres and a full-time branch library in Queenstown. The library also operates mobile library services which visit the various community centres regularly.

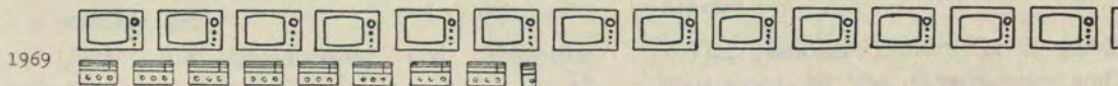
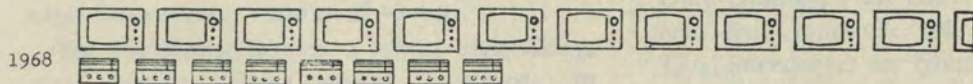
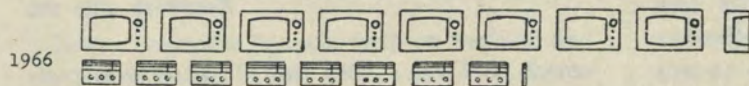
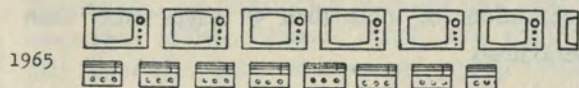
The Library maintains, in addition to the normal stock of books, manuscripts and

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

RADIO AND TELEVISION LICENCES

Radio and
Television  = 10,000

Radio  = 10,000



16.1 NUMBER OF RADIO, TELEVISION LICENCES AND REDIFFUSION SUBSCRIBERS

Number

Year	Radio	Radio and Television	Rediffusion (as at 31st December)
	Licences Issued		Subscribers
1962	105,014	-	52,479
1963	97,404	30,838	52,860
1964	81,818	54,960	49,415
1965	77,668	62,921	47,801
1966	80,703	83,944	47,346
1967	80,855	96,589	48,568
1968	80,402	113,313	52,181
1969	82,776	130,692	57,034

Source: Inland Revenue Department
Rediffusion (S) Ltd.

16.2 TELEVISION AND RADIO: HOURS OF TRANSMISSION PER WEEK

Hours

Year	Television	Radio				
		National Language	Chinese	Indian	English	Total
1962	-	70 $\frac{1}{2}$	115 $\frac{3}{4}$	49	112 $\frac{1}{2}$	347 $\frac{3}{4}$
1963	63 $\frac{1}{2}$	70 $\frac{1}{2}$	115 $\frac{3}{4}$	49	112 $\frac{1}{2}$	347 $\frac{3}{4}$
1964	63 $\frac{1}{2}$	126	147	105	126	504
1965	70 $\frac{1}{2}$	116	137	99	114	466
1966	70 $\frac{1}{2}$	116	137	99	114	466
1967	73 $\frac{1}{2}$	116	137	99	114	466
1968	88	133	169	122	126	550
1969	106 $\frac{1}{2}$	133	154	112	126	525

Source: Department of Broadcasting

16.3 CINEMAS

Year	Number of Cinemas			Total Seating Capacity ('000)	Attendances ('000)
	Total	Air Conditioned	Other		
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

Source: Customs & Excise Department

16.4 VOLUME OF BOOKS AVAILABLE AT THE NATIONAL LIBRARY

Language	Number						
	1963	1964	1965	1966	1967	1968	1969
Malay	12,000	17,000	22,000	33,500	41,200	48,904	55,628
Chinese	30,000	45,000	57,000	65,500	71,700	99,475	110,428
Indian	9,000	11,000	12,000	18,000	20,400	24,981	30,211
English	109,000	131,000	149,000	169,000	183,800	231,195	229,849
Total	160,000	204,000	240,000	286,000	317,100	404,555	426,116

Source: Singapore National Library

Printed by the Government Printing Office, Singapore

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

Price: \$4