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YEARBOOK OF STATISTICS SINGAPORE 1968

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The Yearbook of Statistics, Singapore, 1968 is the second 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 should prove useful as a 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 this second edition, figures which have been used in the previous issue have been up-dated and amended, wherever necessary. Every effort will be made to improve the scope and expand the coverage of data in the Yearbook, and for this purpose, any comments and suggestions by interested persons will be greatly appreciated.

The preparation of the data for the Yearbook including 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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GIFT

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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 224.5 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 deposits of granite in Bukit Timah, Bukit Panjang, Bukit Mandai and Bukit Batok.

- (iii) The East 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 74°F. The average humidity is around 70 per cent and the general pattern all the year round is that of relatively hot days followed by cool nights. The island generally has rainfall throughout the year but is particularly wet during the monsoon season from November to January.

Land utilization

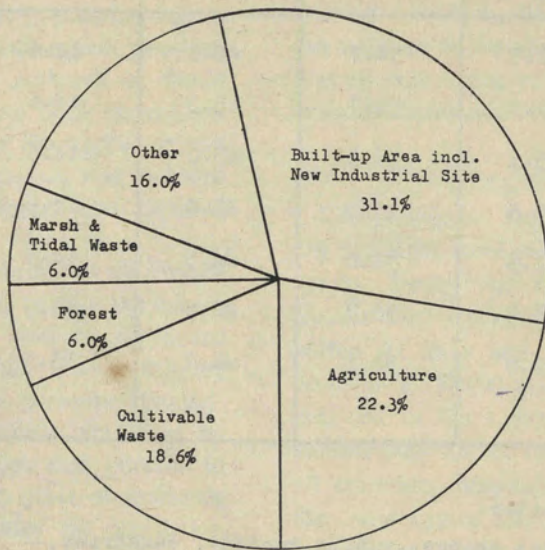
With the high density of population, about one-third of the land area has been taken up for residential, commercial and industrial usage. A significant portion is used for agriculture or is available as cultivable waste.

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	
1961	88.0	74.5	68	71.32	4.68	155	5.86
1962	87.3	74.2	71	90.05	4.32	177	5.26
1963	87.9	74.2	71	71.61	4.35	142	5.78
1964	87.2	74.0	73	111.25	5.75	212	5.02
1965	87.8	73.6	69	72.94	5.65	156	5.60
1966	87.7	74.7	70	97.65	2.37	190	5.27
1967	87.0	74.3	71	114.58	6.40	178	5.33
1968	87.3	74.3	70	81.78	4.92	176	5.64

Source: Meteorological Department

LAND AREA BY UTILIZATION, 1966



1.2 LAND AREA BY UTILIZATION

Square Miles

Year	Total	Built-up Area ⁽¹⁾	Agriculture	Cultivable Waste	Forest	Marsh and Tidal Waste	Other ⁽²⁾
1960	224.5	62.7	54.7	45.3	14.6	17.7	29.5
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

(1) Includes new industrial sites.

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

Source: Land Office

2. DEMOGRAPHY

Population Census

Singapore conducted its first population census in 1871 and had conducted subsequent censuses at ten-yearly intervals till the outbreak of World War II. Post-war censuses have been carried out in 1947 and 1957 separately for Singapore whereas for 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 or 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. They also excluded the population of Christmas Island and Cocos-Keeling Islands.

Mid-year estimates

Mid-year estimates of population are compiled

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

Births and deaths statistics

Comprehensive statistics of births and deaths are available from the registration of births and deaths. Under the Registration of Births and Deaths Ordinance, a birth must be registered within 42 days and a death within 3 days of occurrence. Registration facilities for births are available at the 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

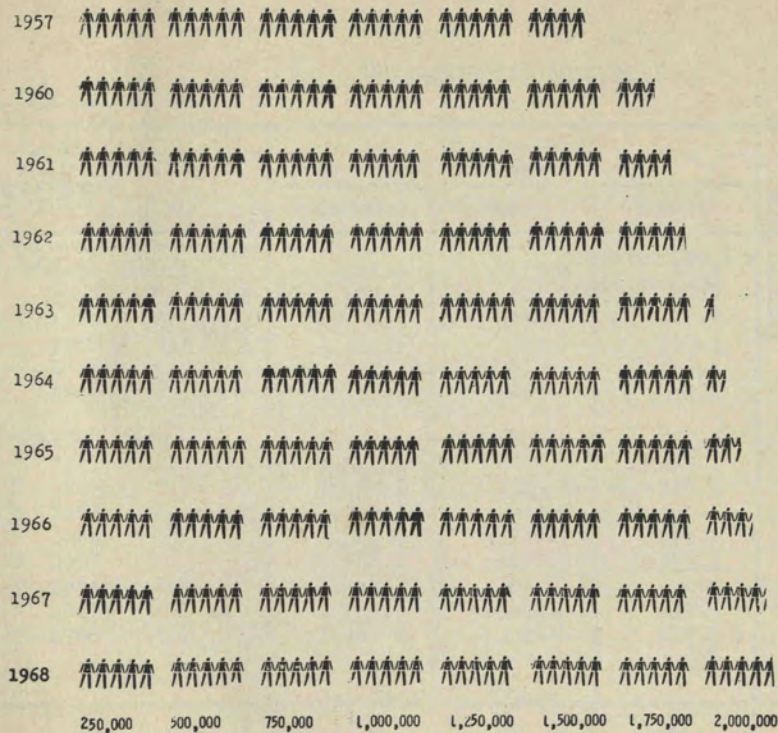
to 23.8 in 1968 while death rates have shown some decline from 6.2 per thousand population to 5.5 during the same period. The expectancy of life calculated on the basis of the 1957 Census of Population data was about 60.3 years for males and 65.2 years for females.

Marriages

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

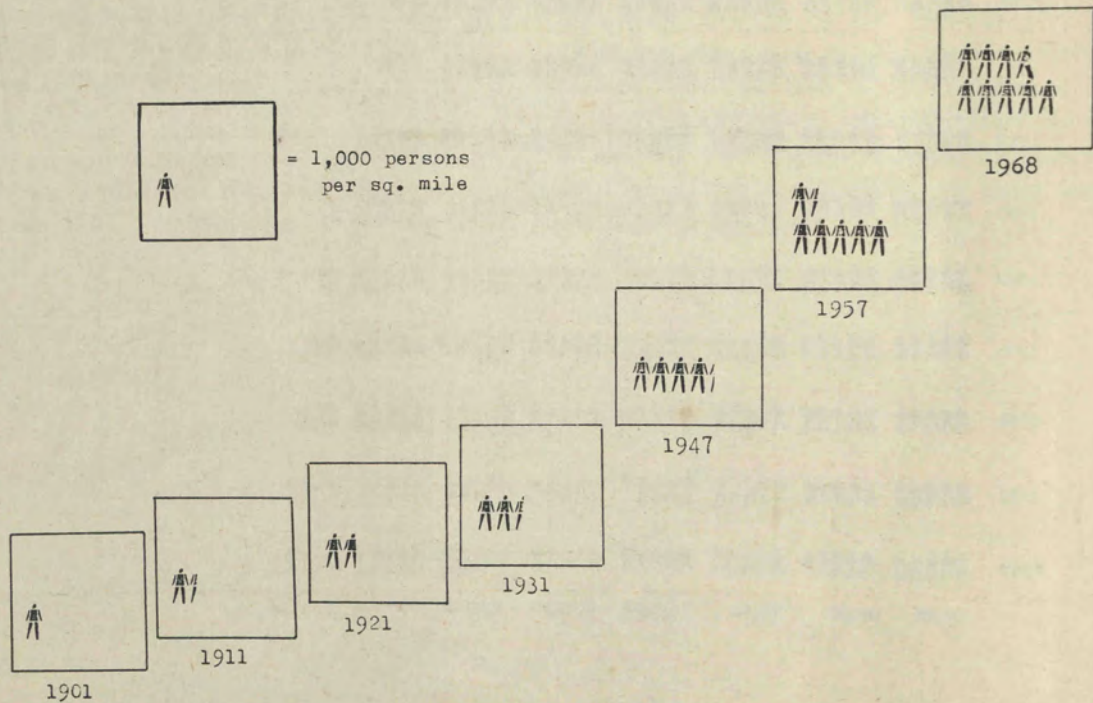
acted in September 1961 and provides for monogamous marriages and for the solemnisation and compulsory registration of all marriages other than those covered by the Muslims Ordinance which was introduced in 1957 to cover marriages enacted under the laws of Islam. Prior to 1961, the relevant Ordinances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

POPULATION



 = 50,000 persons

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

2.2 POPULATION BY RACIAL GROUP

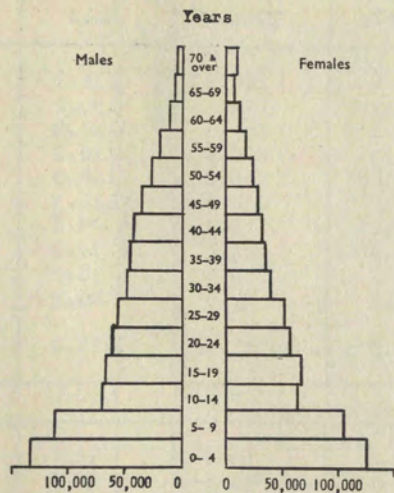
Thousand Persons

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

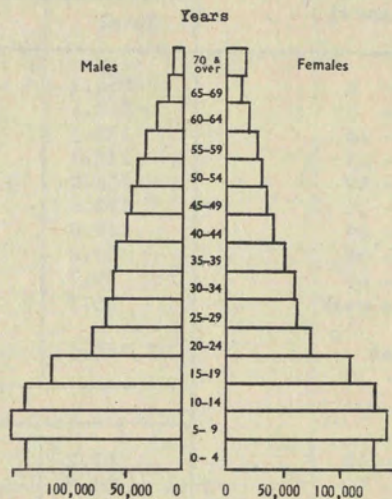
⁽¹⁾ Include Indonesians.

AGE PYRAMIDS

1957 & 1968



1957



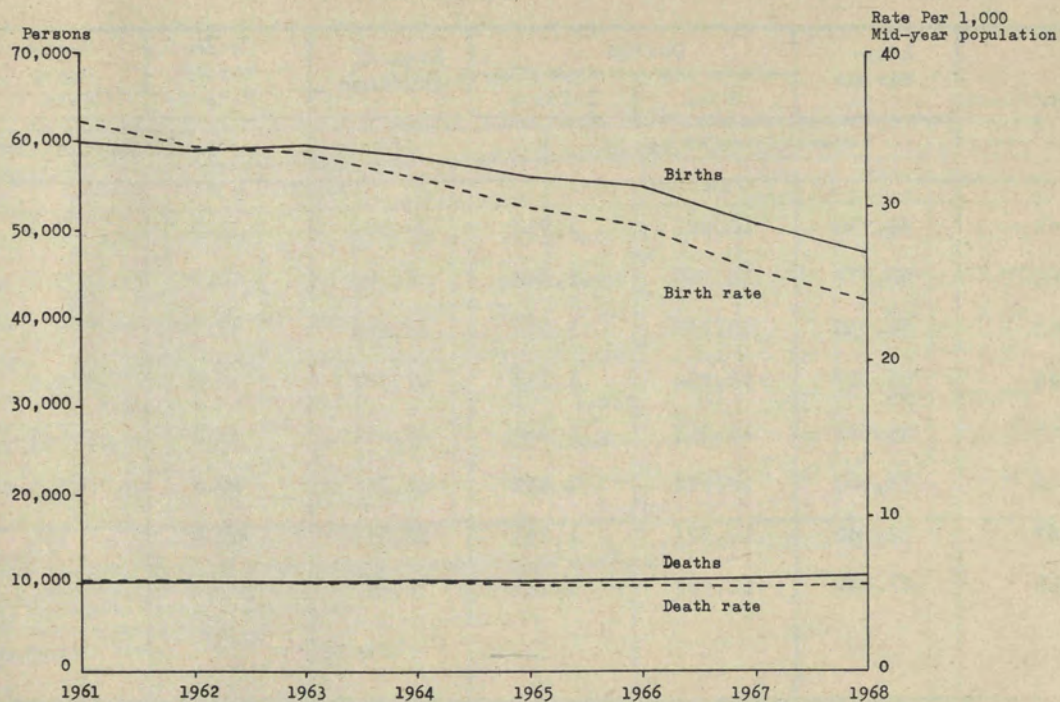
1968

2.3 POPULATION BY AGE GROUP, 1957 AND 1968

Thousand Persons

Age Group (in years)	1957 (Census)			Mid-1968 (Estimates)		
	Total	Male	Female	Total	Male	Female
0 - 4	264.7	136.7	128.0	269.2	136.7	132.5
5 - 9	218.1	112.0	106.1	294.1	150.1	144.0
10 - 14	136.3	71.2	65.1	269.3	137.8	131.5
15 - 19	135.7	70.1	65.6	226.6	116.2	110.4
20 - 29	231.0	121.0	110.0	286.2	148.0	138.2
30 - 39	172.6	96.7	75.9	234.6	121.3	113.3
40 - 49	142.9	80.8	62.1	172.4	95.6	76.8
50 - 59	89.2	49.8	39.4	134.4	74.0	60.4
60 - 69	39.7	18.8	20.9	73.5	38.0	35.5
70 & over	15.7	5.6	10.1	27.6	10.3	17.3
Total	1,445.9	762.7	683.2	1,987.9	1,028.0	959.9
Percentage						
0 - 19	52.2	51.1	53.4	53.3	52.6	54.0
20 - 59	44.0	45.7	42.1	41.6	42.7	40.5
60 & over	3.8	3.2	4.5	5.1	4.7	5.5
Total	100.0	100.0	100.0	100.0	100.0	100.0

BIRTHS AND 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
1961	59,930	10,027	1,937	49,903	35.5	5.9	32.3
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

2.5 MARRIAGES REGISTERED BY RACIAL GROUP

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

(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	Number							
	1967				1968			
	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	9,066	1,894	9,066	1,894	9,581	1,971	9,581	1,971
Under 15	-	-	-	1	-	-	-	-
15 - 19	82	67	1,149	928	91	59	1,177	914
20 - 24	2,196	723	4,497	634	2,511	769	5,054	705
25 - 29	4,271	646	2,693	183	4,359	667	2,625	141
30 - 34	1,693	242	524	67	1,819	238	510	82
35 - 39	499	91	129	32	481	77	132	50
40 - 44	178	51	37	21	173	70	48	44
45 - 49	80	35	20	14	75	35	20	12
50 & over	67	36	17	8	72	48	15	14
Unknown	-	3	-	6	-	8	-	9

In this table 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 the administrative records of the Ministry of Labour and Central Provident Fund Board and do provide useful information for the sections covered by the relevant Ordinances.

Employment statistics

Statistics on employment for the period 1961 to 1968 for certain categories of employees are collected by the Commissioner for Labour under the Labour Ordinance, Shop Assistants Ordinance, and the Clerks Employment Ordinance. The Ordinances covered include workmen, clerks, industrial clerks, and shop assistants. Employers are required to submit half-yearly returns in respect of such persons employed by them on the last working day of March and September. All employees including those in the Navy, Air Force, Government and other public authorities and United Kingdom establishments are covered.

Workmen, clerks, industrial clerks and shop assistants are defined in the relevant Ordinances as follows:

Workman refers to an artificer, journeyman, 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, complimentary 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.

The classification of industries is based on the Industrial Classification of All Economic Activities, Singapore, which was adapted from the

International Standard Industrial Classification. Multi-establishment units are classified by major economic activity.

Employment Exchange

The Employment Exchange of the Labour Ministry provides free services of registration of persons seeking work or a change in job, and the registration and notification of vacancies.

Persons registered are required to inform the Exchange as soon as they find employment. Those who fail to respond to job offers or renewal calls and those who could not be located by mail or fail to report to the Exchange regularly 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 provide 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 and those employees without regular employment who are not covered by the Ordinance. Prior to September 1968 the rate of contribution was 5 per cent. From 1st September 1968, the contribution was raised to 6½ per cent of the wage for the month.

3.1 WORKMEN, CLERKS, INDUSTRIAL CLERKS AND SHOP ASSISTANTS

	Number				
	Workmen	Clerks	Industrial Clerks	Shop Assistants	Total
	As at end of September				
1961	109,286	23,325	11,343	22,798	166,752
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

Number

Industrial Group	1967				1968			
	As at end of September							
	Work- men	Clerks	Indus- trial Clerks	Shop Assis- tants	Work- men	Clerks	Indus- trial Clerks	Shop Assis- tants
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 DISTRIBUTION OF WORKMEN

	Number					
	1963	1964	1965	1966	1967	1968 ⁽¹⁾
	As at end September					
Government Departments	16,336	15,054	15,455	15,445	15,217	15,331
United Kingdom Armed Forces Bases and Related Departments	17,240	16,585	17,190	17,915	16,379	15,414
Public Utilities Board	3,527	3,631	3,718	3,996	4,051	4,100
Port of Singapore Authority	8,564	9,059	9,898	9,298	8,921	8,894
Housing and Development Board	1,160	1,736	1,599	1,794	1,844	1,839
Singapore Telephone Board	711	728	704	804	874	890
Private Enterprises	69,428	71,950	74,576	79,325	87,421	93,461
Total	116,966	118,743	123,140	128,577	134,707	139,929

(1) Figures refer to end-March 1968.

Source: Ministry of Labour

3.4 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
1961	54,085	10,225	7,676	2,549	2,319	1,880	439	1,495	971	524
1962	44,673	12,040	8,300	3,740	2,026	1,192	834	1,462	824	638
1963	42,777	18,673	13,871	4,802	1,876	1,235	641	1,376	753	623
1964	50,667	23,491	15,472	8,019	2,109	1,496	613	1,171	733	438
1965	57,711	23,629	15,680	7,949	2,810	2,169	641	2,275	1,726	549
1966	71,705	22,904	14,500	8,404	3,309	2,767	542	2,901	2,402	499
1967	72,350	27,527	17,535	9,992	4,015	2,768	1,247	3,049	2,465	584
1968	62,987	27,185	15,675	11,510	5,074	4,361	713	4,871	4,168	703

Source: Ministry of Labour

3.5 TRADE UNIONS AND MEMBERSHIP

Year	Federation Class (1)	Employee Class		Employer Class
	Number of Unions	Number of Unions	Membership	Number of Unions
1961	4	124	164,462	56
1962	4	122	189,032	56
1963	4	112	142,936	54
1964	4	106	157,050	54
1965	4	108	154,052	53
1966	3	108	141,925	55
1967	2	106	130,053	55
1968	2	110	125,518	54

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

Source: Ministry of Labour

3.6 INDUSTRIAL STOPPAGES

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

(1) Includes retrenchment.

(2) Includes conditions of service.

Source: Ministry of Labour

3.7 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

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

Source: Central Provident Fund Board

3.8 CONTRIBUTORS TO THE CENTRAL PROVIDENT FUND BY AGE GROUP

Age Group	1965		1966		1967		1968	
	Number	%	Number	%	Number	%	Number	%
As at December								
Under 15	477	0.1	605	0.1	723	0.2	863	0.2
15 to under 20	28,783	6.9	31,865	7.2	34,608	7.4	42,747	8.5
20 to under 25	58,615	14.0	62,949	14.2	73,073	15.7	89,950	17.8
25 to under 30	73,624	17.6	77,658	17.6	79,529	17.1	84,687	16.8
30 to under 35	58,335	14.0	62,181	14.1	63,729	13.7	71,243	14.1
35 to under 40	50,626	12.1	52,264	11.8	53,938	11.6	56,555	11.2
40 to under 45	38,640	9.2	41,037	9.3	43,185	9.3	47,055	9.3
45 to under 50	32,927	7.9	33,990	7.7	35,278	7.6	37,518	7.4
50 to under 55	26,637	6.4	27,520	6.2	27,720	6.0	30,333	6.0
Over 55	16,548	4.0	17,824	4.0	18,314	3.9	27,704	5.5
Age not stated	32,382	7.8	34,458	7.8	34,932	7.5	16,173	3.2
Total	417,594	100.0	442,351	100.0	465,029	100.0	504,828	100.0

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 relatively large areas under cultivation of rubber and coconuts, agriculture in Singapore is mainly concerned with the production of vegetables and livestock for domestic consumption. The main vegetables grown are leafy vegetables like choy sam, spinach, kang kong, pak choy and fruit vegetables such as brinjals, cucumber, wax gourd and ladies fingers. The root crops include sweet potatoes and tapioca, and are partly used for human consumption and partly as animal fodder. 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 Jalan Besar, French

Road and in Jurong. Although all slaughtering must be undertaken at the Government Abattoirs there is a fair 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 and outboard engines, are 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 with refrigeration facilities. Trawl lines are used for catching surface fish and long lines for bottom fish.

Imports supply the bulk of domestic needs and are mainly from West Malaysia, Indonesia, China and Vietnam. Data on fish auctioned refer only

to fish auctioned at the five wholesale markets and account for only a small portion of the total fish sold for domestic consumption.

4.1 ACREAGE OF PRINCIPAL CROPS

Acres

Year	Rubber	Coconuts	Fruits	Mixed Vegetables	Root Crops	Tobacco
1961	13,459	7,200	4,795	4,415	2,810	792
1962	12,500	7,080	4,700	4,370	2,760	370
1963	12,800	6,720	4,630	4,385	2,875	655
1964	12,500	6,720	4,620	4,450	2,880	502
1965	12,192	6,700	4,640	4,450	2,880	822
1966	12,192	6,700	4,570	4,400	2,820	599
1967	11,422	6,700	4,510	4,380	2,800	558
1968	11,000	6,700	5,400	4,190	2,610	709

Source: Department of Primary Production

4.2 PRODUCTION OF PRINCIPAL CROPS

Year	Rubber	Coconuts	Fruits	Mixed Vegetables	Root Crops	Tobacco
	Tons	Mil. units	Tons			
1961	1,577	13	3,355	31,050	8,640	497
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

Source: Department of Primary Production

4.3 LIVESTOCK SLAUGHTERED AT ABATTOIRS

Year	Number				
	Swine	Sheep	Buffaloes	Oxen	Goats
1961	452,093	88,451	2,479	5,985	1,897
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

Source: Department of Primary Production

4.4 FISHING VESSELS LICENSED

					Number
Year	Total	Fishing Vessels			Number of Fishermen
		Non-Powered	Powered		
			Inboard	Outboard	
1961	2,274	1,579	169	526	4,549
1962	2,080	1,407	187	486	4,366
1963	1,899	1,255	188	456	4,122
1964	1,787	1,148	185	454	3,909
1965	1,711	1,088	189	434	3,783
1966	1,700	1,004	254	442	4,001
1967	1,722	990	255	477	4,148
1968	1,616	890	252	474	3,902

Sources: Department of Primary Production

4.5 FRESH FISH LANDED AND AUCTIONED

Tons

Year	Local Production	Imports	Exports	Total Availability	Fish Auctioned
1961	9,541	26,820	2,092	34,269	9,651
1962	11,353	30,009	1,959	39,403	8,899
1963	12,291	33,287	2,275	43,303	9,335
1964	10,280	37,776	2,340	45,716	8,393
1965	10,798	47,527	2,520	55,805	8,810
1966	18,165	46,869	3,054	61,980	9,275
1967	17,921	42,821	3,049	57,693	9,933
1968	17,188	43,244	2,315	58,117	9,999

Source: Department of Primary Production

5. INDUSTRIAL PRODUCTION

Censuses of manufacturing establishments in the private sector, employing ten or more persons, are conducted annually by the Department of Statistics. The establishments covered account for over 85 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: Total input covers cost of materials, power, lighting, fuel, water and transport charges.

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

Value added: Value added is estimated as the value of output (after deduction of value of work given out) less that of total input.

Pioneer industries

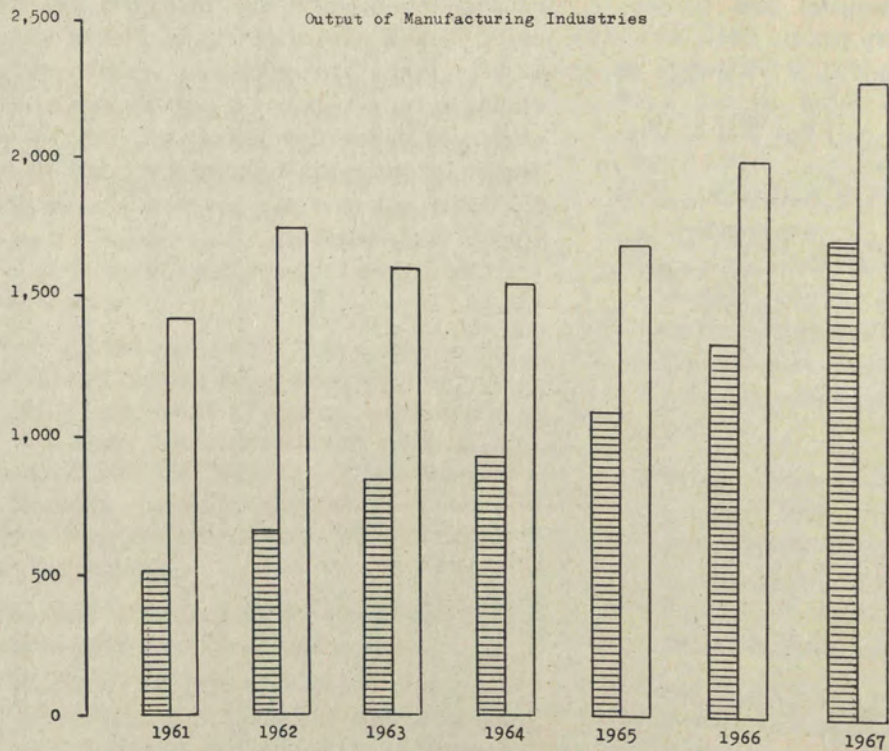
The Economic Development Board is the

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

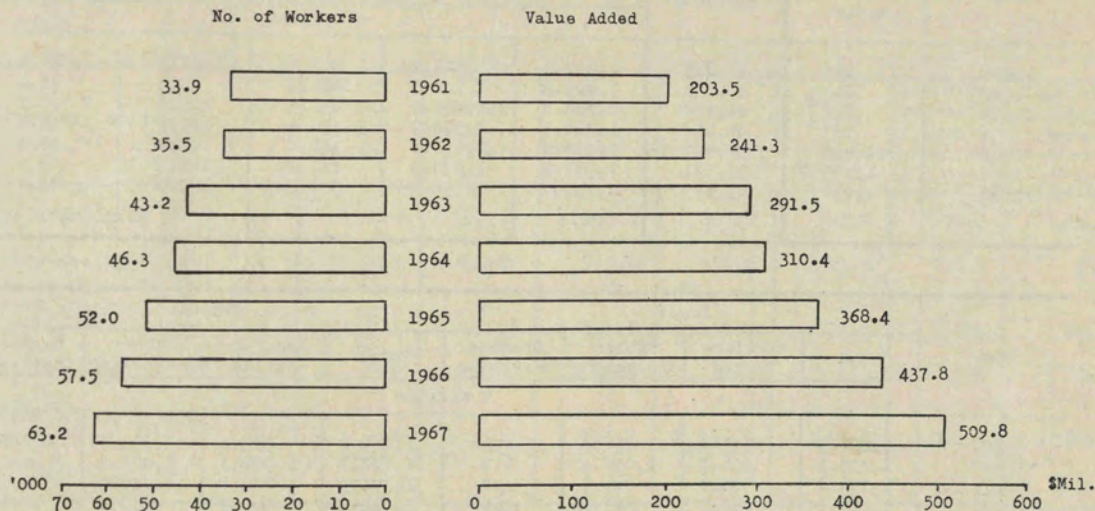
\$Million

INDUSTRIAL PRODUCTION
Output of Manufacturing Industries

□ Total
▨ Manufacturing proper



INDUSTRIAL PRODUCTION



5.1 PRINCIPAL STATISTICS OF INDUSTRIAL PRODUCTION

(Establishments engaging 10 or more workers)

Year	Number of Establishments	Number of Workers	Input	Output	Value Added	Employees' Remuneration	Capital Expenditure
			\$ Million				
1961	595	33,885	1,207.3	1,415.0	203.5	86.3	11.2
1962	642	35,533	1,495.3	1,740.7	241.3	93.0	36.0
1963	897	43,184	1,294.6	1,591.9	291.5	112.3	18.7
1964	965	46,284	1,226.6	1,544.9	310.4	121.7	53.6
1965	1,036	51,959	1,310.6	1,686.0	368.4	142.2	60.0
1966	1,159	57,521	1,531.4	1,979.9	437.8	162.4	76.1
1967	1,236	63,195	1,732.7	2,254.0	509.8	182.9	86.1

Year	Input				Output			
	Total	Manufacturing	Rubber Processing	Granite Quarrying	Total	Manufacturing	Rubber Processing	Granite Quarrying
	\$ Million							
1961	1,207.3	339.8	866.4	1.0	1,415.0	518.4	891.7	4.9
1962	1,495.3	454.7	1,039.4	1.2	1,740.7	660.3	1,074.2	6.2
1963	1,294.6	586.0	706.9	1.7	1,591.9	843.8	740.7	7.5
1964	1,226.6	637.7	587.2	1.7	1,544.9	927.9	608.1	8.9
1965	1,310.6	731.1	577.7	1.9	1,686.0	1,086.4	591.4	8.2
1966	1,531.4	900.0	630.4	1.0	1,979.9	1,325.8	646.5	7.6
1967	1,732.7	1,197.1	534.8	0.9	2,254.0	1,687.2	558.6	8.1

5.2 PRINCIPAL STATISTICS OF INDUSTRIAL PRODUCTION BY INDUSTRIAL ACTIVITY, 1967
(Establishments engaging 10 or more workers)

Industrial Activity	No. of Estab- lish- ments	Number of Workers	Input	Output	Value Added	Employees' Remunera- tion	Capital Expendi- ture
Total Manufacturing ..	1,200	58,347	1,197.1	1,687.2	478.6	170.3	84.8
Rubber Processing	23	3,762	534.8	558.6	23.9	8.8	0.6
Total Manufacturing includ- ing Rubber Processing ..	1,223	62,109	1,731.8	2,245.9	502.5	179.1	85.4
Granite Quarrying	13	1,086	0.9	8.1	7.3	3.8	0.7
Total Manufacturing and Quarrying	1,236	63,195	1,732.7	2,254.0	509.8	182.9	86.1

5.3 PRINCIPAL STATISTICS OF INDUSTRIAL PRODUCTION, 1967
(Establishments engaging 10 or more workers)

\$ Million

Industrial Code	Manufacturing Industry				Input	Output	Value Added	Employees' Remuneration
20	Food	..	..	..	277.0	325.6	48.2	15.0
21	Beverage	..	..	..	24.9	54.9 ⁽²⁾	30.0	7.7
22	Tobacco	..	..	..	61.4 ⁽¹⁾	92.5	31.0	3.4
23	Textiles	..	..	..	4.9	8.4	3.4	1.5
24	Footwear except rubber footwear	..	..	..	36.4	51.9	14.9	8.9
25	Wood and cork	..	..	..	63.9	91.1	27.0	17.0
26	Furniture and fixtures	..	..	..	6.7	12.8	5.9	4.0
27	Paper and paper products	..	..	..	11.9	17.8	5.8	1.8
28	Printing, publishing and allied industries	..	..	..	28.8	68.5	38.8	17.1
29	Leather and leather products	..	..	..	12.4	14.9	2.3	1.1
30	Rubber products and rubber footwear	..	..	..	18.2	28.7	10.4	4.4
31	Chemicals and chemical products	..	..	..	84.9	113.8	28.3	8.4
32	Products of petroleum and coal	..	..	..	291.4	365.4	73.1	6.0
33	Non-metallic mineral products	..	..	..	32.8	59.1	26.3	10.0
34	Basic metal	..	..	..	32.1	48.5	16.0	5.4
35	Metal products	..	..	..	70.4	103.2	31.7	14.1
36	Machinery	..	..	..	15.0	30.3	14.4	6.9
37	Electrical machinery, apparatus and appliances	..	..	..	26.2	42.2	15.9	7.1
38	Transport equipment	..	..	..	48.1	93.5	40.5	24.9
39	Miscellaneous manufacturing industries	..	..	..	49.3	64.3	14.7	5.5
	Total manufacturing (a)	..	..	..	1,197.1	1,687.2	478.6	170.3
	Rubber processing (b)	..	..	..	534.8	558.6	23.9	8.8
	Total (a) + (b)	..	..	..	1,731.8	2,245.9	502.5	179.1
	Granite quarrying (c)	..	..	..	0.9	8.1	7.3	3.8
	Total (a) + (b) + (c)	..	..	..	1,732.7	2,254.0	509.8	182.9

(1) Includes \$39.7 million import duty on tobacco.

(2) Excludes \$20.0 million excise duty levied on distilleries and breweries.

5.4 WORKERS ENGAGED BY OCCUPATIONAL STATUS (AT END-JUNE 1967)
(Establishments engaging 10 or more workers)

Industrial Code	Manufacturing Industry	All Workers	Employees			Working Proprietors and Unpaid Family Workers
			Total	Workmen	Other Workers	
20	Food	6,529	6,226	5,178	1,048	303
21	Beverage	2,058	2,043	1,601	442	15
22	Tobacco	1,188	1,181	969	212	7
23	Textiles	1,027	1,025	908	117	2
24	Footwear except rubber footwear ..	6,620	6,405	6,075	330	215
25	Wood and cork	6,017	5,829	5,025	804	188
26	Furniture and fixtures	1,255	1,224	1,065	159	31
27	Paper and paper products	1,159	1,121	1,010	111	38
28	Printing, publishing and allied industries	4,992	4,794	3,911	883	198
29	Leather and leather products ..	671	637	571	66	34
30	Rubber products and rubber footwear ..	1,658	1,637	1,353	284	21
31	Chemicals and chemical products ..	2,567	2,520	1,866	654	47
32	Products of petroleum and coal ..	626	626	381	245	-
33	Non-metallic mineral products ..	3,122	3,090	2,597	493	32
34	Basic metal	1,679	1,648	1,416	232	31
35	Metal products	4,500	4,372	3,663	709	128
36	Machinery	2,039	1,942	1,605	337	97
37	Electrical machinery, apparatus and appliances	1,856	1,842	1,427	415	14
38	Transport equipment	6,014	5,944	5,003	941	70
39	Miscellaneous manufacturing industries	2,770	2,656	2,357	299	114
	Total Manufacturing (a)	58,347	56,762	47,981	8,781	1,585
	Rubber processing (b)	3,762	3,752	3,391	361	10
	Total (a) + (b)	62,109	60,514	51,372	9,142	1,595
	Granite quarrying (c)	1,086	1,082	970	112	4
	Total (a) + (b) + (c)	63,195	61,596	52,342	9,254	1,599

5.5 DISTRIBUTION OF ESTABLISHMENTS BY SIZE OF WORKERS, 1967
(Establishments engaging 10 or more workers)

Industrial Code	Manufacturing Industry				Total	Number of Establishments Employing		
						10 - 39 Workers	40 - 99 Workers	100 Workers and over
20	Food	..	..	..	167	126	27	14
21	Beverage	..	..	..	22	12	6	4
22	Tobacco	..	..	..	10	3	3	4
23	Textiles	..	..	..	11	3	3	5
24	Footwear except rubber footwear ..	..	..	..	126	88	26	12
25	Wood and cork	..	..	..	129	90	31	8
26	Furniture and fixtures	..	..	..	26	16	7	3
27	Paper and paper products	..	..	..	31	20	10	1
28	Printing, publishing and allied industries	..	..	..	136	107	23	6
29	Leather and leather products	..	..	..	21	14	7	-
30	Rubber products and rubber footwear ..	..	..	..	23	13	6	4
31	Chemicals and chemical products	..	..	..	69	49	17	3
32	Products of petroleum and coal	..	..	..	8	3	3	2
33	Non-metallic mineral products	..	..	..	43	25	13	5
34	Basic metal	..	..	..	21	13	4	4
35	Metal products	..	..	..	103	73	21	9
36	Machinery	..	..	..	71	61	6	4
37	Electrical machinery, apparatus and appliances	..	..	..	30	20	6	4
38	Transport equipment	..	..	..	70	35	25	10
39	Miscellaneous manufacturing industries	..	..	..	83	64	16	3
	Total Manufacturing (a)	..	..	..	1,200	835	260	105
	Rubber processing (b)	..	..	..	23	5	5	13
	Total (a) + (b)	..	..	..	1,223	840	265	118
	Granite quarrying (c)	..	..	..	13	2	8	3
	Total (a) + (b) + (c)	..	..	..	1,236	842	273	121

5.6 DISTRIBUTION OF ESTABLISHMENTS BY VALUE OF OUTPUT, 1967
(Establishments engaging 10 or more workers)

Industrial Code	Manufacturing Industry	Total	Establishments with Output of (\$ Thousand)			
			Less than \$250	\$250 - 499	\$500 - 999	\$1,000 and over
20	Food	167	93	29	13	32
21	Beverage	22	8	4	4	6
22	Tobacco	10	3	1	1	5
23	Textiles	11	3	3	1	4
24	Footwear except rubber footwear ..	126	78	21	18	9
25	Wood and cork	129	31	37	41	20
26	Furniture and fixtures	26	14	3	7	2
27	Paper and paper products	31	17	6	2	6
28	Printing, publishing and allied industries	136	91	26	12	7
29	Leather and leather products ..	21	9	4	2	6
30	Rubber products and rubber footwear	23	7	5	4	7
31	Chemicals and chemical products ..	69	23	10	10	26
32	Products of petroleum and coal ..	8	-	-	1	7
33	Non-metallic mineral products ..	43	21	11	3	8
34	Basic metal	21	13	-	2	6
35	Metal Products	103	48	22	13	20
36	Machinery	71	40	19	7	5
37	Electrical machinery, apparatus and appliances	30	10	5	7	8
38	Transport equipment	70	29	15	9	17
39	Miscellaneous manufacturing industries	83	31	17	17	18
	Total Manufacturing (a)	1,200	569	238	174	219
	Rubber processing (b)	23	1	2	1	19
	Total (a) + (b)	1,223	570	240	175	238
	Granite quarrying (c)	13	2	4	6	1
	Total (a) + (b) + (c)	1,236	572	244	181	239

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

Commodities	Unit of Quantity	1961	1962	1963	1964	1965	1966	1967
Biscuits	'000 Lbs.	15,904	11,947	15,230	16,360	16,880	17,652	21,119
Bread	"	21,799	20,587	31,122	33,689	34,258	38,589	38,973
Cigarettes	"	4,203	4,609	5,257	3,990	5,666	6,016	6,636
Soap	"	18,688	17,706	16,173	15,264	12,591	24,066	25,427
Bee Hoon (Vermicelli)	'000 Pks.	19	25	18	25	20	18	20
Mee (Noodles) ..	"	13	22	27	26	22	29	38
Processed Rattan ..	"	201	172	173	142	138	123	145
Coconut Oil (Crude and Refined)..	"	579	493	440	352	433	628	625
Cooking Oil and Fat ..	"	289	195	235	401	230	301	350
Ice	'000 Tons	154	148	152	129	128	138	145
Sawn Timber	"	154	159	234	261	296	369	379
Newspapers	'000 Copies	81,465	81,527	81,992	83,261	92,098	100,082	98,038
Bricks	'000 Pcs.	38,059	52,972	59,538	59,335	77,398	65,381	67,864

5.8 OUTPUT OF SELECTED MANUFACTURED PRODUCTS: VALUE

(Establishments engaging 10 or more workers)

\$ Thousand

Commodities	1961	1962	1963	1964	1965	1966	1967
Biscuits	6,332	4,434	6,722	6,271	6,623	6,603	8,531
Bread	4,521	4,390	6,204	6,841	6,992	7,855	8,021
Cakes	1,714	1,645	2,404	2,317	2,289	2,949	3,304
Bee Hoon (Vermicelli) ..	563	762	560	711	636	588	744
Mee (Noodles)	394	580	849	784	683	791	1,098
Soya Bean Sauce	1,799	2,315	2,704	2,667	3,044	2,686	2,999
Ice	2,630	2,405	2,609	2,286	2,248	2,373	2,574
Carbonated Drinks	9,837	10,187	13,328	12,382	13,608	14,437	15,848
Cigarettes	36,300	48,624	57,847	68,119	76,735	80,560	90,389
Sawn Timber	19,991	21,329	31,527	37,151	40,346	52,864	54,945
Processed Rattan	8,927	7,771	8,010	8,154	7,107	6,215	7,216
Paper Boxes	4,057	3,322	2,855	3,160	3,884	4,048	4,717
Newspapers	10,085	10,356	10,181	10,580	11,164	12,168	12,228
Coconut Oil (Crude & Refined)	22,844	20,039	20,276	17,689	24,662	28,413	30,426
Cooking Oil and Fat	13,199	16,467	12,970	17,623	15,804	16,831	20,324
Soap	4,594	3,830	3,456	3,768	3,366	7,336	9,586
Bricks	2,789	4,382	4,883	5,418	6,505	5,588	4,832
Tin Cans	16,932	18,294	17,876	21,294	26,475	25,758	31,634
Wiremesh and Wire Fencing ..	3,861	3,920	5,901	6,442	6,519	8,329	6,371

5.9 PRINCIPAL STATISTICS OF PIONEER FIRMS, 1964-1968

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	1,072,504	370,502	477,760

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

Source: Economic Development Board

5.10 VALUE OF OUTPUT AND VALUE ADDED OF PIONEER FIRMS, 1968

\$ Thousand

Industry Group	Value of Output 1968	Value Added 1968	Estimated Output at Full Production
Food and Beverages	155,548	17,958	408,294
Textiles and Garments	58,951	14,907	169,472
Wood and Paper Products ..	35,585	15,262	84,305
Rubber and Leather Products ..	22,749	7,254	33,308
Chemicals and Chemical Products	28,962	8,735	152,712
Petroleum and Petroleum Products	578,318	134,320	869,600
Non-Metallic Mineral Products	22,022	3,563	36,063
Metals and Engineering ..	125,151	36,162	271,267
Electrical Products	24,985	3,863	57,055
Plastic Products	6,522	2,321	24,638
Miscellaneous	13,711	5,135	47,325
Total	1,072,504	249,480	2,154,039

Source: Economic Development Board

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

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

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

Source: Economic Development Board

5.12 CAPITAL OUTLAY IN FIXED ASSETS OF PIONEER FIRMS, 1968

\$ Thousand

Industry Group	Number of Firms	Capital Outlay in Fixed Assets Up to end-December 1968					
		Land	Building	Machinery	Installation Cost	Others	Total
Food and Beverages	31	467	23,790	36,924	266	2,599	64,046
Textiles and Garments	36	1,392	11,172	31,347	1,450	2,847	48,208
Wood and Paper Products ..	13	14	6,369	20,414	242	1,091	28,130
Rubber and Leather Products ..	8	583	4,323	13,745	5	1,142	19,798
Chemicals and Chemical Products	40	635	7,455	15,364	170	1,594	25,238
Petroleum and Petroleum Products	8	549	13,022	132,155	4,898	1,264	151,888
Non-Metallic Mineral Products	11	386	6,138	11,191	811	2,013	20,539
Metals and Engineering ..	50	817	28,480	55,175	428	5,304	90,204
Electrical Products	21	234	2,215	7,482	156	1,215	11,302
Plastic Products	13	37	1,718	4,935	78	410	7,178
Miscellaneous	24	80	4,621	5,565	382	581	11,229
Total	255	5,214	109,303	334,297	8,886	20,060	477,760

Source: Economic Development Board

5.13 CAPITAL STRUCTURE OF PIONEER FIRMS, 1968

(As at end of December)

\$ Thousand

Industry Group	Number of Firms	Authorised Capital	Issued Capital	Paid-Up Capital		
				Local	Foreign	Total
Food and Beverages	31	155,300	42,933	27,762	13,335	41,097
Textiles and Garments	36	160,650	48,139	17,549	24,681	42,230
Wood and Paper Products ..	13	65,500	28,477	24,399	3,303	27,702
Rubber and Leather Products ..	8	29,000	14,146	2,256	11,790	14,046
Chemicals and Chemical Products	40	69,250	25,169	10,929	11,435	22,364
Petroleum and Petroleum Products	8	290,000	87,022	5,500	81,522	87,022
Non-Metallic Mineral Products	11	51,000	11,605	5,682	5,903	11,585
Metals and Engineering ..	50	257,589	78,404	45,446	26,094	71,540
Electrical Products	21	47,165	16,336	8,994	6,098	15,092
Plastic Products	13	20,800	6,443	4,996	1,297	6,293
Miscellaneous	24	49,035	11,828	5,343	5,945	11,288
Total	255	1,195,289	370,502	158,856	191,403	350,259

Source: Economic Development Board

6. ELECTRICITY, GAS AND WATER SUPPLY

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

Electricity

Electricity is generated at the main power stations in Pasir Panjang — Pasir Panjang A, Pasir Panjang B and St. James. 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 the end of 1968 was 464 megawatts. In addition, a new power station is being built in the Jurong Industrial Estate and, when completed, will have an ultimate capacity of 480 megawatts. Virtually all the electricity used in Singapore is supplied by the Public Utilities Board and electricity generated by private installations is negligible.

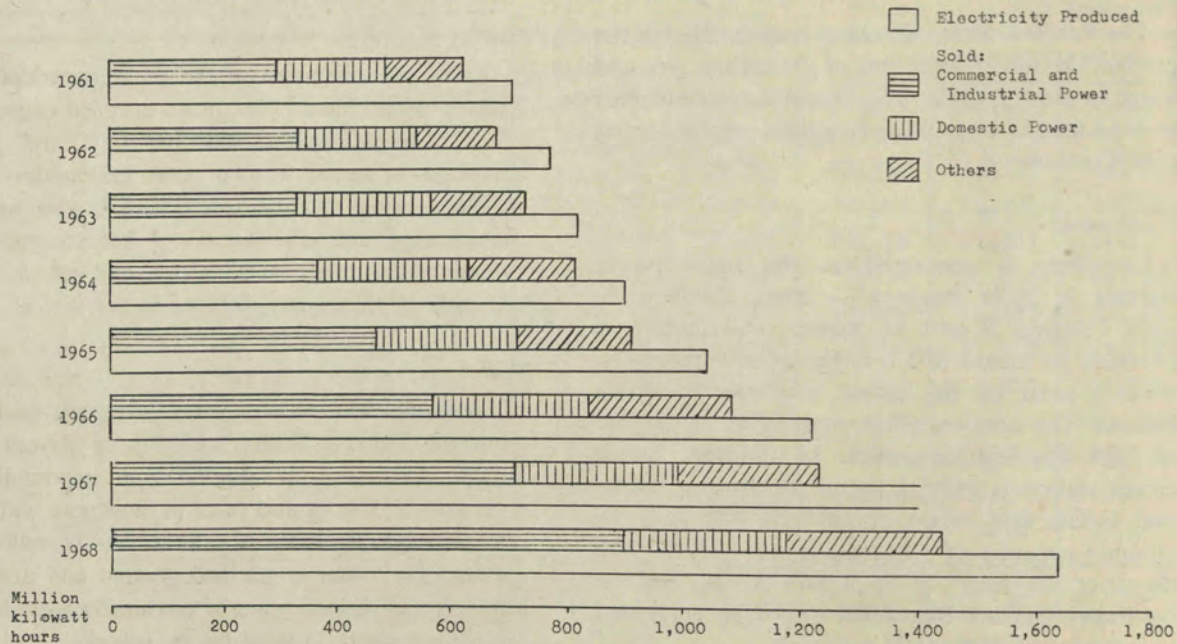
Gas

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 manufacture 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 the 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 AND SOLD

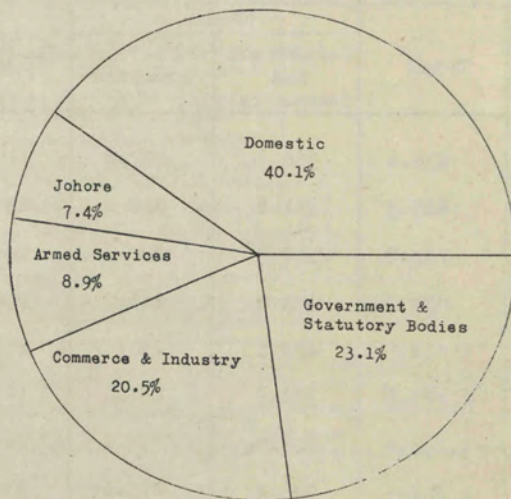


6.1 ELECTRICITY AND GAS

Year	Electricity (Million kilowatt hours)						Gas Production (Million cu. ft.)
	Production	Sales					
		Total	Power		Lighting	Public Street Lighting	
			Industrial and Commercial	Domestic			
1961	719.6	636.6	306.3	197.8	120.5	12.0	682.1
1962	775.7	689.5	331.2	212.2	133.2	12.9	825.1
1963	822.9	733.8	337.5	234.5	148.1	13.7	956.8
1964	914.2	824.2	373.0	268.0	168.0	15.2	1,145.7
1965	1,047.6	912.5	470.1	250.4	174.2	17.8	1,271.6
1966	1,236.5	1,074.8	582.0	275.3	196.7	20.8	1,405.3
1967	1,424.5	1,238.5	718.9	278.2	218.0	23.4	1,495.4
1968	1,639.4	1,446.1	903.4	275.4	241.6	25.7	1,623.8

Source: Public Utilities Board

WATER CONSUMPTION, 1968



6.2 WATER CONSUMPTION

Million Gallons

	1961	1962	1963	1964	1965	1966	1967	1968
Singapore Government and Statutory Bodies ..	5,090	5,193	4,500	5,909	6,819	6,987	7,741	7,634
Domestic	8,892	9,514	8,578	10,541	11,997	12,409	12,023	13,252
Commerce and Industry ..	4,690	4,911	4,381	4,975	5,564	5,762	5,804	6,762
Armed Services ..	2,435	2,408	1,634	2,054	2,505	2,852	2,687	2,931
Johore ⁽¹⁾	1,261	1,386	1,512	1,620	2,025	2,066	2,175	2,464
Total	22,368	23,412	20,605	25,099	28,910	30,076	30,430	33,043
Average Per Day ..	66	70	61	74	82	88	92	99

(1) Includes 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 in different parts of the island.

7.1 BUILDINGS COMMENCED AND COMPLETED

			1965		1966		1967		1968	
			Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
Number of Units:-										
Public	Residential		14,398	10,103	11,900	12,672	17,078	11,929	13,471	13,895
	Non-Residential		276	82	1,723	276	1,834	2,078	1,088	1,619
Private	Residential		3,027	5,104	2,572	2,885	2,781	3,189	2,119	2,261
	Non-Residential		216	272	193	179	190	200	171	153
Total	Residential		17,425	15,207	14,472	15,557	19,859	15,118	15,590	16,156
	Non-Residential		492	354	1,916	455	2,024	2,278	1,259	1,772
Floor Area ('000 sq. ft.):										
Public	Residential		5,914	3,785	5,539	5,172	7,701	5,340	7,382	6,653
	Non-Residential		2,106	2,294	2,848	1,504	2,743	2,471	4,143	2,019
Private	Residential		6,089	7,719	4,783	5,701	5,043	5,439	4,894	4,430
	Non-Residential		1,248	1,759	1,304	1,586	1,845	1,422	1,571	1,608
Total	Residential		12,003	11,504	10,322	10,873	12,744	10,779	12,276	11,083
	Non-Residential		3,354	4,053	4,152	3,090	4,588	3,893	5,714	3,627

7.2 RESIDENTIAL BUILDINGS COMMENCED AND COMPLETED

Private Sector

	1965		1966		1967		1968	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
Number of Units:-								
Bungalows	174	189	163	200	159	237	167	132
Semi-detached ..	1,110	1,175	914	648	690	1,196	440	630
Terrace	704	1,348	912	700	1,049	1,049	954	670
Flats	1,014	2,363	569	1,301	880	692	554	823
Shophouses	18	17	11	32	-	13	-	1
Others	7	12	3	4	3	2	4	6
Total	3,027	5,104	2,572	2,885	2,781	3,189	2,119	2,261
Floor Area ('000 sq. ft.):-								
Bungalows	479	585	524	502	493	621	663	417
Semi-detached ..	1,991	1,816	1,745	1,237	1,411	2,097	1,111	1,257
Terrace	1,203	1,879	1,615	1,232	1,936	1,768	1,648	1,305
Flats	1,617	3,388	783	2,643	1,163	920	935	1,073
Shophouses	39	25	25	67	-	30	-	-
Others	760	26	91	20	40	3	537	378
Total	6,089	7,719	4,783	5,701	5,043	5,439	4,894	4,430

7.3 NON-RESIDENTIAL BUILDINGS COMMENCED AND COMPLETED

Private Sector

			1965		1966		1967		1968	
			Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
Number of Units:-										
Commercial	..	..	100	137	138	109	137	146	112	84
Industrial	..	..	55	53	39	43	30	37	45	40
Educational	..	..	6	14	4	8	9	6	6	12
Others	..	..	55	68	12	19	14	11	8	17
Total	..	..	216	272	193	179	190	200	171	153
Floor Area ('000 sq. ft.):-										
Commercial	..	..	242	414	344	591	695	292	321	401
Industrial	..	..	691	780	803	591	686	798	1,063	770
Educational	..	..	151	152	47	260	282	217	68	156
Others	..	..	164	413	110	144	182	115	119	281
Total	..	..	1,248	1,759	1,304	1,586	1,845	1,422	1,571	1,608

7.4 BUILDINGS COMMENCED AND COMPLETED

Public Sector

	1965		1966		1967		1968	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
Number of Units:-								
Residential - Flats	13,773	9,949	11,420	12,227	16,431	11,423	13,084	13,296
Shophouses	360	151	457	400	487	392	387	359
Others	265	3	23	45	160	114	-	240
Total	14,398	10,103	11,900	12,672	17,078	11,929	13,471	13,895
Non-								
Residential - Commercial	204	10	1,660	217	1,622	2,003	983	1,424
Industrial	6	7	27	17	140	23	60	125
Educational	26	31	20	19	5	21	3	10
Others	40	34	16	23	67	31	42	60
Total	276	82	1,723	276	1,834	2,078	1,088	1,619
Floor Area ('000 sq. ft.):-								
Residential - Flats	5,238	3,584	5,047	4,625	7,061	4,927	6,894	6,002
Shophouses	370	193	463	441	534	349	488	432
Others	306	8	29	106	106	64	-	219
Total	5,914	3,785	5,539	5,172	7,701	5,340	7,382	6,653
Non-								
Residential - Commercial	336	272	629	184	279	186	1,002	345
Industrial	118	136	695	316	1,902	630	1,396	832
Educational	1,389	1,652	1,292	803	184	1,419	220	644
Others	263	234	232	201	378	236	1,524	198
Total	2,106	2,294	2,848	1,504	2,743	2,471	4,143	2,019

7.5 UNITS UNDER MANAGEMENT BY HOUSING AND DEVELOPMENT BOARD

Number

As At End of Year	Dwellings					Shops	Miscellaneous (including open hawkers' pitches) (1)
	Total	One room	Two rooms	Three rooms	Four rooms and over		
1961	26,168	2,397	9,653	12,028	2,090	939	148
1962	37,374	6,189	13,185	15,912	2,088	976	150
1963	43,889	6,483	14,702	20,547	2,157	1,122	152
1964	54,312	7,923	17,488	26,742	2,159	1,331	186
1965	69,660	16,891	20,884	29,670	2,215	1,552	148
1966	80,915	23,653	24,776	30,267	2,219	1,871	1,725
1967	84,683	24,298	25,812	31,894	2,679	1,971	3,080
1968	94,229	29,463	27,036	36,367	2,707	2,682	5,524

(1) Exclude 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 except 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 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, which are conducted 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

Goods in transit between countries overseas are excluded from the external trade statistics. In addition, the following classes of goods are also excluded: —

- (i) Goods imported and exported by or on behalf of diplomatic services and Armed Forces;
- (ii) Fish and other marine produce landed from Malayan vessels direct from the sea;
- (iii) Exposed cinematographic films imported or exported on rental basis;
- (iv) Personal and household effects accompanying passengers;

- (v) Gold bullion;
- (vi) Issued currency notes and coins.

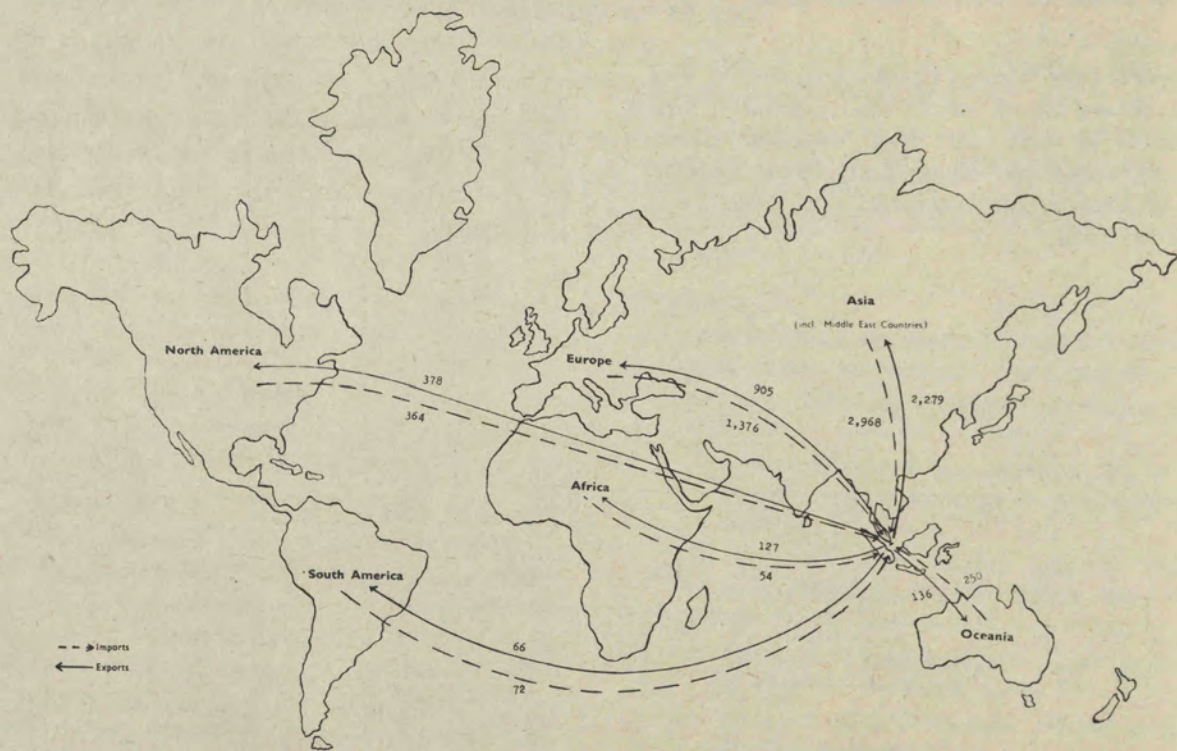
Valuation

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.

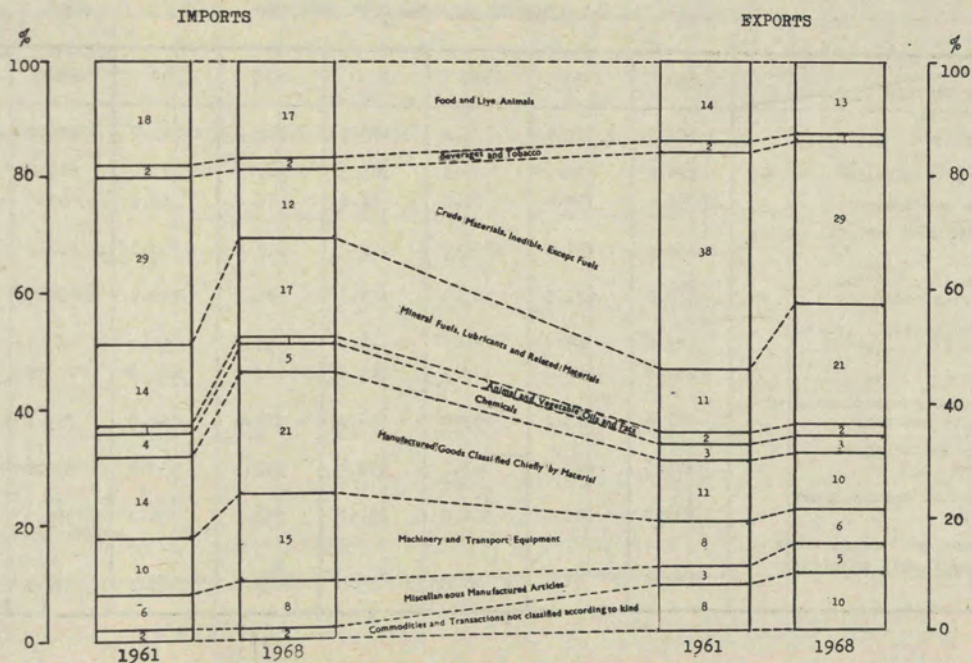
Classification

The trade classification adopted in the compilation of Singapore external trade statistics is the Malaysia Trade Classification and Customs Tariff, 1964 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, 1968.
\$ Million



TRADE BY COMMODITY SECTIONS



8.1 IMPORTS BY COMMODITY SECTIONS

\$ Million

Commodity Section	Year	1961	1962	1963	1964	1965	1966	1967	1968
Total Imports ..	..	3,963.3	4,035.8	4,279.1	3,478.8	3,807.2	4,065.7	4,406.4	5,083.8
Food and live animals ..	..	726.6	725.3	849.3	705.5	743.3	770.2	811.8	889.2
Beverages and tobacco ..	..	76.6	70.9	78.7	61.6	70.4	65.1	73.8	95.5
Crude materials, except fuels ..	..	1,143.3	1,099.8	968.0	631.9	702.8	753.3	637.4	594.5
Mineral fuels, lubricants and related materials ..	..	573.8	601.5	585.0	469.7	508.3	620.9	738.8	875.4
Animal and vegetable oils and fats ..	..	35.1	36.7	38.7	37.1	57.4	58.0	64.7	48.5
Chemicals ..	..	154.6	149.2	174.3	163.5	187.3	201.3	236.8	253.7
Manufactured goods classified chiefly by material ..	..	557.6	573.1	659.0	556.1	626.0	652.8	797.2	1,059.0
Machinery and transport equipment ..	..	375.5	448.2	523.1	494.7	550.1	555.8	579.0	747.3
Miscellaneous manufactured articles ..	..	238.7	254.0	314.0	282.7	282.1	300.2	382.8	406.1
Commodities and transactions not classifiable according to kind ..	..	81.5	77.1	89.0	75.9	79.6	88.1	84.1	114.6

8.2 EXPORTS BY COMMODITY SECTIONS

\$ Million

Commodity Section \ Year			1961	1962	1963	1964	1965	1966	1967	1968
Total Exports	..	..	3,308.5	3,416.8	3,474.5	2,771.9	3,004.1	3,373.6	3,490.5	3,890.7
Food and live animals	..	..	466.2	494.6	578.7	421.0	435.8	463.4	519.3	502.2
Beverages and tobacco	..	..	67.9	60.6	52.2	42.4	46.3	43.5	39.4	48.2
Crude materials, except fuels	..	..	1,261.1	1,215.0	1,114.7	781.4	819.2	942.0	940.8	1,114.9
Mineral fuels, lubricants and related materials	..	..	373.0	415.6	432.8	362.6	431.1	593.6	677.1	809.8
Animal and vegetable oils and fats	..	..	46.8	38.6	40.9	44.0	60.0	66.7	68.9	93.4
Chemicals	..	..	101.1	94.5	103.8	100.2	109.6	117.4	114.5	119.5
Manufactured goods classified chiefly by material	..	..	373.7	381.1	409.7	359.2	357.0	370.1	359.9	389.9
Machinery and transport equipment	..	..	266.1	334.7	340.8	284.1	315.0	320.3	271.0	252.7
Miscellaneous manufactured articles	..	..	107.7	118.8	139.2	137.7	153.0	162.7	160.5	175.6
Commodities and transactions not classifiable according to kind	..	..	244.9	263.3	261.7	239.3	277.1	293.9	339.1	384.5

8.3 IMPORTS BY MAJOR COUNTRIES OF ORIGIN

\$ Million

	1961	1962	1963	1964	1965	1966	1967	1968
Cambodia	27.4	30.3	34.3	38.5	46.4	38.2	30.1	19.0
China	129.8	156.2	211.7	196.5	224.5	271.7	385.8	460.0
Formosa	21.7	22.4	47.1	40.2	33.8	33.2	48.0	76.8
Hong Kong	109.7	107.9	122.4	114.4	109.0	112.9	125.6	144.5
India	66.9	59.8	112.5	102.0	57.5	55.6	53.2	53.4
Iran	13.4	56.9	68.2	74.4	102.7	114.6	151.2	138.1
Japan	339.0	366.7	407.9	364.4	421.2	463.7	548.1	692.3
Kuwait	(1)	123.3	156.8	122.8	133.9	154.8	223.1	340.1
Malaysia:								
West Malaysia ..	723.6	727.7	756.6	791.9	884.9	943.5	839.6	810.1
East Malaysia ..	177.9	143.6	127.3	185.0	224.1	222.9	230.2	239.7
Saudi Arabia ..	35.9	16.1	17.2	33.0	26.8	48.3	30.8	47.5
Thailand	118.7	119.9	122.3	130.1	147.4	161.9	145.4	166.2
Australia	124.2	127.3	152.7	160.5	166.0	189.3	197.8	216.5
France	33.3	34.4	30.6	31.2	39.1	35.8	42.0	44.8
West Germany ..	98.4	98.6	112.0	91.0	104.4	111.4	128.2	129.7
Italy	27.6	38.4	38.6	27.6	35.4	33.4	42.9	55.8
Netherlands ..	90.2	68.6	82.5	63.0	49.7	78.2	77.4	79.0
Switzerland ..	48.3	47.2	49.5	48.5	47.1	42.7	62.9	54.4
United Kingdom ..	406.9	384.7	427.2	349.8	413.9	408.1	354.5	396.1
U.S.A.	187.1	201.3	225.9	193.2	193.4	210.7	247.6	347.8
Other Countries ..	1,183.3	1,104.5	975.8	320.7	346.0	334.8	442.0	572.0
Total Imports	3,963.3	4,035.8	4,279.1	3,478.7	3,807.2	4,065.7	4,406.4	5,083.8

(1) Not Available.

8.4 EXPORTS BY MAJOR COUNTRIES OF DESTINATION

\$ Million

	1961	1962	1963	1964	1965	1966	1967	1968
Brunei	20.6	20.0	26.2	35.1	42.1	48.5	52.4	55.5
China	11.5	2.3	16.3	1.0	22.4	137.2	95.8	81.2
Hong Kong ..	66.0	70.4	90.4	156.3	132.8	120.4	116.9	141.7
India	47.7	44.7	36.3	23.9	25.2	26.9	19.8	19.4
Japan	175.2	160.6	136.7	95.0	112.2	123.3	156.1	274.4
Malaysia:								
West Malaysia ..	886.2	941.5	1,011.1	925.5	938.6	907.6	824.8	756.0
East Malaysia ..	163.4	171.3	214.3	233.9	281.7	287.5	272.5	267.0
Thailand	83.7	91.1	95.8	91.2	68.0	117.6	129.6	171.5
Vietnam, Republic of ..	39.2	51.6	63.4	65.5	112.0	256.4	305.1	350.2
Australia	78.8	80.9	86.7	77.7	93.8	70.3	73.0	89.3
New Zealand ..	37.4	36.8	36.4	36.0	31.2	28.1	29.1	15.0
France	79.4	72.0	61.7	48.5	46.0	61.9	55.1	60.5
West Germany ..	67.6	69.1	70.3	48.0	57.9	48.8	53.5	81.9
Italy	82.1	70.6	70.9	39.2	43.7	43.1	55.0	45.4
Netherlands ..	52.6	47.7	54.0	24.9	34.9	50.3	62.8	86.3
Norway	20.4	23.5	20.6	19.4	21.2	21.7	26.5	26.6
United Kingdom ..	245.3	216.8	202.9	183.1	192.4	184.8	211.7	245.5
U.S.S.R.	137.3	136.3	154.9	75.5	126.6	110.6	89.9	111.0
Canada	33.7	36.1	32.7	25.7	26.7	33.9	33.9	47.9
U.S.A.	223.0	283.6	231.8	116.5	124.9	161.5	244.0	329.5
Other Countries ..	757.4	789.9	761.1	450.0	469.8	533.2	583.0	634.9
Total Exports	3,308.5	3,416.8	3,474.5	2,771.9	3,004.1	3,373.6	3,490.5	3,890.7

8.5 IMPORTS OF PRINCIPAL COMMODITIES

\$ Thousand

Commodity Items \ Year	1961	1962	1963	1964	1965	1966	1967	1968
Crude rubber finished grades, including latex	902,773	860,889	762,520	490,260	549,137	575,225	441,958	383,574
Pepper unground, black and white	68,755	39,920	51,533	22,257	40,401	31,937	34,901	31,811
Palm oil	18,700	21,913	25,464	23,594	37,605	39,865	42,297	23,703
Pineapples canned	24,229	26,590	27,638	31,102	39,029	42,438	42,196	46,799
Wood in the rough	17,824	19,275	24,850	27,012	31,211	42,312	53,230	66,142
Rice	122,479	144,886	170,815	105,493	110,893	114,711	139,304	164,897
Sugar, refined and unrefined	34,003	28,206	75,541	59,602	29,970	24,563	31,241	46,233
Fresh oranges, tangarines and mandarins	14,372	14,441	15,881	17,614	17,077	20,129	21,923	18,010
Fish, fresh	15,418	15,133	15,750	19,028	23,165	20,615	17,656	17,646
Iron and steel plates, uncoated	12,159	12,652	13,650	19,660	26,569	25,706	33,075	37,565
Motor cars, new	54,488	58,197	69,978	60,054	66,429	56,415	39,309	52,761
Cotton piece goods	115,194	105,148	125,405	102,436	105,410	98,703	138,281	186,093
Fabrics of synthetic fibres ..	87,434	80,253	89,396	75,648	83,361	113,089	150,561	257,061
Wheat unmilled	897	766	4,048	20,583	32,620	44,558	45,604	57,094
Animal fodder	54,528	55,840	59,750	90,626	109,907	100,620	81,793	86,108
Petroleum products	509,835	450,086	432,024	377,362	401,792	468,547	509,480	497,452
Watches	37,843	37,140	37,712	38,684	42,037	42,905	57,396	52,119
Total Imports	3,963,265	4,035,804	4,279,056	3,478,666	3,807,191	4,065,670	4,406,544	5,083,834

8.6 EXPORTS OF PRINCIPAL COMMODITIES

\$ Thousand

Commodity Items \ Year	1961	1962	1963	1964	1965	1966	1967	1968
Crude rubber finished grades, including latex	1,116,216	1,068,219	957,340	636,349	666,435	752,554	744,753	832,066
Coconut oil, crude and refined	18,904	14,226	13,311	14,031	17,935	23,911	21,737	45,730
Coffee not roasted	55,474	61,202	95,507	28,628	27,924	60,539	126,746	100,781
Pepper unground, black and white	70,819	57,811	59,242	30,406	48,020	48,986	62,663	70,646
Palm oil	20,107	19,532	22,616	24,924	35,814	36,335	38,952	39,608
Pineapples canned	31,017	34,324	35,541	37,127	46,839	48,714	45,256	47,565
Sawn timber (lumber)	17,838	21,085	29,154	41,334	48,724	51,535	49,566	69,265
Rice	57,107	79,478	87,745	44,274	39,974	44,090	41,754	42,904
Flashlight batteries	7,262	7,732	8,873	7,619	7,870	16,288	17,998	16,528
Cotton piece goods	71,899	70,920	83,912	68,756	66,242	54,747	50,644	54,245
Fabrics of synthetic fibres	46,557	49,907	39,283	39,557	33,426	33,363	34,494	47,626
Cotton underwear	8,861	10,097	14,049	19,456	22,699	21,988	20,091	25,168
Tin ore	1,988	6,824	6,963	6,793	8,580	17,681	19,354	21,886
Petroleum products	334,065	354,981	376,613	361,624	429,695	591,606	675,472	806,717
Tinplate prime	1,920	1,125	3,947	3,832	5,288	8,002	5,629	10,116
Excavators, borers, levellers, bulldozers, etc.	8,616	14,133	7,463	7,269	16,605	18,944	20,838	16,616
Total Exports	3,308,532	3,416,760	3,474,539	2,771,946	3,004,088	3,373,602	3,490,529	3,890,681

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 closed-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 of 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.

Arrivals and departures of passengers

All persons arriving in Singapore from foreign countries are required to complete and submit immigration disembarkation cards at the sea or air terminals. Data on arrivals and departures from countries other than West Malaysia include residents of Singapore. Visitors refer only to visitors or tourists from countries other than West

Malaysia arriving at Singapore for holiday, business or social purposes.

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. Figures 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 user.

Postal articles handled

Data on postal articles handled are compiled by the Postal Department and are classified by various categories of correspondence.

Communications

Data on telegrams, telex calls and international telephone calls are supplied by the Telecommunications Department. The total number of telephones at end of year are supplied by the Singapore Telephone Board.

9.1 ENTRANCES AND CLEARANCES OF SHIPS

Year	Vessels of over 75 tons net register				Vessels of 75 tons net register and under and native crafts of all types			
	Entered		Cleared		Entered		Cleared	
	Number	'000 n.r.t.	Number	'000 n.r.t.	Number	'000 n.r.t.	Number	'000 n.r.t.
1961	11,553	38,104	11,526	37,977	8,662	473	8,740	476
1962	11,812	41,577	11,775	41,466	8,617	452	9,051	507
1963	11,653	41,125	11,597	41,085	7,668	377	7,768	399
1964	10,326	40,820	10,296	40,670	7,701	192	7,682	185
1965	10,928	44,454	10,934	44,324	1,612	198	1,600	198
1966	12,230	50,817	12,188	50,676	15,399	220	15,330	216
1967	13,811	57,758	13,718	57,535	24,390	288	24,401	288
1968	15,614	63,437	15,524	63,037	17,578	305	17,556	301

CARGO DISCHARGED AND LOADED

☐☐ = 2 Million Freight Tons

Discharged		Loaded
☐☐☐☐☐☐☐☐	1961	☐☐☐☐☐
☐☐☐☐☐☐☐☐☐☐	1962	☐☐☐☐☐☐☐
☐☐☐☐☐☐☐☐☐☐	1963	☐☐☐☐☐☐☐
☐☐☐☐☐☐☐☐☐☐	1964	☐☐☐☐☐☐☐
☐☐☐☐☐☐☐☐☐☐	1965	☐☐☐☐☐☐☐
☐☐☐☐☐☐☐☐☐☐☐☐☐	1966	☐☐☐☐☐☐☐☐☐
☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	1967	☐☐☐☐☐☐☐☐☐☐☐☐
☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	1968	☐☐☐☐☐☐☐☐☐☐☐☐☐☐

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
1961	4,602.4	2,103.9	2,498.5	7,148.5	6,526.4	622.1	11,750.9	8,630.3	3,120.6
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

Year	Loaded								
	General and Other Cargo			Mineral Oil-in-Bulk			Total Loaded		
	Total	Roads	Wharves	Total	Roads	Wharves	Total	Roads	Wharves
1961	2,729.5	660.4	2,069.1	3,777.6	3,753.3	24.3	6,507.1	4,413.7	2,093.4
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

9.3 CIVIL AIR TRAFFIC STATISTICS: LANDINGS AND PASSENGERS

Year	Landings		Passengers				
	West Malaysia	Other Countries	Arrived		Departed		In Transit
			West Malaysia	Other Countries	West Malaysia	Other Countries	Other Countries
	Number		Persons				
1961	2,453	4,503	44,810	109,851	40,450	109,305	47,999
1962	2,638	5,089	51,461	121,924	47,813	123,325	61,827
1963	2,474	4,752	59,290	129,529	56,102	131,848	76,919
1964	2,946	5,046	72,330	128,342	71,884	126,745	101,557
1965	3,024	5,743	84,384	148,162	86,576	147,151	137,439
1966	2,808	5,803	92,844	177,242	91,595	180,595	127,727
1967	3,193	7,294	106,758	243,410	106,475	247,283	165,420
1968	3,104	8,556	115,552	297,200	111,161	305,695	210,569

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
1961	312	1,698	381	1,463	469	4,000	4,357	3,844
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

9.5 ARRIVALS AND DEPARTURES OF PASSENGERS BY AIR AND SEA

Year	Persons					
	Arrivals			Departures		
	Total	Air	Sea	Total	Air	Sea
1961	160,756	109,851	50,905	178,725	109,305	69,420
1962	169,115	121,924	47,191	187,627	123,325	64,302
1963	167,772	129,529	38,243	184,108	131,848	52,260
1964	163,275	128,342	34,933	178,724	126,745	51,979
1965	182,938	148,162	34,776	201,394	147,151	54,243
1966	212,985	177,242	35,743	235,339	180,595	54,744
1967	276,534	243,410	33,124	301,849	247,283	54,566
1968	328,345	297,200	31,145	359,504	305,695	53,809

Figures exclude arrivals from and departures to West Malaysia.

9.6 ARRIVALS AND DEPARTURES OF PASSENGERS BY AIR

		Persons									
Country	Year	1964		1965		1966		1967		1968	
		From	To	From	To	From	To	From	To	From	To
United Kingdom		11,009	9,124	12,421	10,776	10,315	10,640	11,213	12,844	11,737	15,251
Other Countries in Europe		3,686	4,223	5,045	5,875	6,533	7,443	10,118	10,521	13,307	15,918
Africa		878	1,281	1,013	1,301	375	741	386	564	403	461
Pakistan, India and Ceylon		12,946	13,390	13,411	14,736	14,857	15,946	17,143	20,011	18,445	21,936
Thailand		24,549	23,710	24,311	25,233	28,198	30,104	36,450	36,700	41,589	41,840
Hong Kong		20,273	20,098	26,262	23,617	27,827	25,986	31,308	28,670	34,960	34,201
Philippines		5,054	4,522	5,783	4,706	6,545	5,471	8,267	7,006	9,746	8,529
Japan		2,087	1,588	2,914	2,236	2,671	2,866	3,759	4,354	5,901	6,027
Brunei and East Malaysia		18,090	17,312	23,654	23,747	28,619	27,997	33,783	32,162	36,944	35,535
Indonesia		3,053	1,268	3,677	1,635	6,568	4,736	26,638	24,382	39,923	39,270
Other Countries in Asia		5,581	5,722	6,024	6,497	17,257	17,995	30,860	31,487	39,841	39,506
Countries in Oceania		20,437	23,589	22,991	25,834	26,790	29,764	32,564	37,527	43,546	46,361
Other Countries		699	918	656	958	687	906	921	1,055	858	860
Total		128,342	126,745	148,162	147,151	177,242	180,595	243,410	247,283	297,200	305,695

Figures exclude arrivals from and departures to West Malaysia.

9.7 ARRIVALS AND DEPARTURES OF PASSENGERS BY SEA

Persons

Country \ Year	1964		1965		1966		1967		1968	
	From	To	From	To	From	To	From	To	From	To
United Kingdom	2,367	3,430	1,947	2,414	2,327	2,592	1,435	2,033	1,216	1,816
Other Countries in Europe	447	2,230	667	2,023	996	2,061	784	1,500	548	1,453
Africa	488	256	299	190	409	179	211	173	111	181
Pakistan, India and Ceylon	4,537	13,407	4,801	16,262	4,535	17,018	6,015	17,819	4,703	16,662
Thailand	188	421	178	146	344	103	342	23	560	146
Hong Kong	3,904	5,667	4,456	5,912	4,777	5,829	3,338	4,719	3,343	4,386
China	2,427	4,906	2,150	4,210	2,615	5,169	2,301	4,324	2,517	5,028
Japan	864	1,976	1,300	2,161	1,599	2,025	1,179	1,488	605	1,269
Brunei and East Malaysia	12,157	12,879	12,222	14,557	11,452	12,859	10,470	14,723	9,855	14,116
Indonesia	130	55	205	40	175	108	903	835	2,682	2,899
Other Countries in Asia	3,275	2,556	2,853	2,598	1,968	2,888	1,493	2,690	988	2,422
North and South America	734	210	406	453	330	258	526	241	215	143
Countries in Oceania	3,415	3,986	3,292	3,277	4,216	3,655	4,127	3,998	3,802	3,287
Total	34,933	51,979	34,776	54,243	35,743	54,744	33,124	54,566	31,145	53,809

Figures exclude arrivals from and departures to West Malaysia.

9.8 VISITORS BY AIR AND SEA BY COUNTRY OF EMBARKATION

Country of Embarkation	Persons									
	1964		1965		1966		1967		1968	
	Air	Sea	Air	Sea	Air	Sea	Air	Sea	Air	Sea
United Kingdom ..	7,425	440	9,064	212	9,464	405	12,272	393	13,364	284
Europe	2,634	686	3,692	515	4,603	416	8,441	379	11,550	197
India, Pakistan and Ceylon	6,046	580	6,041	456	8,064	643	12,738	1,315	14,472	1,042
Sarawak, Brunei and Sabah (incl. Labuan)	6,707	2,009	8,066	1,956	9,586	1,984	11,458	2,036	11,595	1,818
Hong Kong	11,743	1,949	14,383	1,598	15,392	1,363	21,915	1,248	25,072	1,173
Australia, New Zealand and Papua (incl. Christmas and Cocos Islands)	15,968	2,390	17,675	2,422	21,925	3,042	28,664	2,687	38,393	1,949
Indonesia	2,741	144	3,445	329	6,115	323	23,698	2,834	35,322	6,418
Japan	2,175	863	2,961	766	3,093	571	4,289	534	5,196	535
Thailand, Philippines, Burma, Vietnam, Laos and Cambodia ..	22,777	300	21,496	360	37,527	306	64,357	319	76,025	334
Middle East Countries	445	28	463	14	533	29	687	95	1,450	19
U.S.A. (incl. Hawaii)	1,009	406	1,014	520	1,227	391	977	395	1,022	417
Africa	232	452	274	272	205	384	211	197	398	165
Other Countries ..	610	112	385	102	955	124	2,481	232	2,758	167
Total	80,512	10,359	88,959	9,522	118,689	9,981	192,188	12,664	236,617	14,518

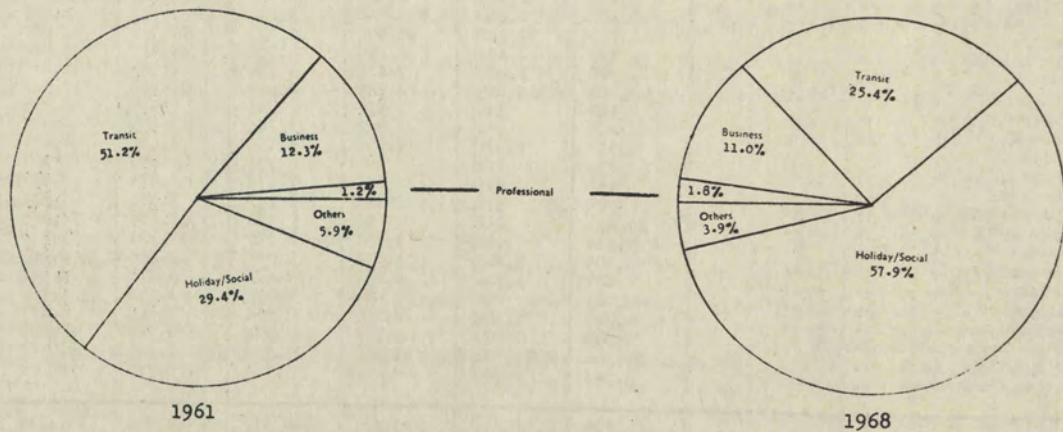
Figures for the period after 15th July, 1966, include visitors via West Malaysia.

9.9 VISITORS BY CITIZENSHIP

				Persons					
Citizenship				1963	1964	1965	1966	1967	1968
United Kingdom	..	..	..	15,633	17,545	21,297	23,751	28,803	34,404
Brunei	..	..	..	1,118	1,075	2,089	2,205	2,935	2,626
U.K. dependencies n.e.c.	..	..	..	12,481	6,480	3,232	3,667	5,738	6,554
Australia	..	..	..	11,535	12,532	13,699	18,957	26,768	33,086
New Zealand	..	..	..	1,921	2,184	2,199	3,264	4,072	4,864
Canada	..	..	..	1,318	1,422	1,410	1,794	2,535	3,228
India	..	..	..	5,007	4,069	4,585	6,412	10,432	12,336
Pakistan	..	..	..	929	730	630	795	998	1,206
Ceylon	..	..	..	678	464	905	1,764	2,797	2,991
China	..	..	..	3,912	2,590	2,836	3,114	4,062	4,970
Burma	..	..	..	239	200	201	176	464	367
Thailand	..	..	..	865	969	887	1,118	1,977	2,862
Philippines	..	..	..	905	533	803	1,479	2,669	3,521
Indonesia	..	..	..	10,636	106	88	483	17,288	24,305
Japan	..	..	..	5,346	7,101	7,831	8,529	12,273	15,219
France	..	..	..	1,205	1,416	1,858	2,762	3,335	4,642
Germany	..	..	..	1,667	1,354	2,157	2,692	3,813	4,512
Italy	..	..	..	783	830	866	1,177	1,596	2,127
Netherlands	..	..	..	1,805	1,796	2,153	2,534	4,015	4,877
Other Countries in Europe n.e.c.	..	..	..	2,888	2,821	3,381	4,364	6,964	10,125
U.S.A.	..	..	..	24,306	21,554	22,513	33,850	53,548	64,122
Other Countries	..	..	..	4,543	3,000	2,861	3,783	6,770	8,191
Total	..	..	..	109,720	90,871	98,481	128,670	204,852	251,135

Figures for the period after 15th July 1966, include visitors via West Malaysia.

VISITORS BY AIR AND SEA BY PURPOSE OF VISIT



9.10 VISITORS BY PURPOSE OF VISIT

Persons

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

Figures for the period after 15th July, 1966 include visitors via West Malaysia.

9.11 PUBLIC ROADS

At end of year	Total	Major Arterial Roads	Collector Roads	Miles	
				Local Roads Improved	Local Roads Unimproved
1961	893	133	68	287	405
1962	967	135	68	292	472
1963	1,057	136	68	304	549
1964	1,064	136	68	318	542
1965	1,094	138	68	332	556
1966	1,138	140	68	479	451
1967	1,157	142	68	511	436
1968	1,188	142	68	560	418

Source: Public Works Department

VEHICLES REGISTERED

1961        

1962         

 =10,000 Motor cars

1963         

1964          

1965           

1966            

1967             

1968              

1961   

1962    

 =10,000
Motor Cycles
and Scooters

1963     

1964      

1965       

1966       

1967         

1968          

9.12 VEHICLES REGISTERED

Year	Motor Cars		Buses	Goods Vehicles	Motor Cycles and Scooters	Bicycles	Trishaws	Number
	Private	Public						Road Rollers and Tractors
1961	70,108	3,493	1,375	14,613	28,205	279,806	3,631	185
1962	77,379	3,496	1,433	15,803	35,345	291,066	3,631	198
1963	85,668	3,634	1,492	17,067	45,057	303,250	3,423	217
1964	95,349	3,614	1,586	18,318	52,438	314,048	3,631	223
1965	104,729	3,621	1,617	21,365	60,838	324,581	3,630	252
1966	112,712	4,502	1,660	23,275	68,746	337,038	3,518	265
1967	116,097	5,436	1,821	24,981	80,940	345,793	3,518	269
1968	121,106	5,413	1,907	27,435	90,283	354,481	3,432	283

Source: Registry of Vehicles.

ROAD CASUALTIES

 = 50 persons

 = 2,000 persons

KILLED

INJURED

   	1961	   
   	1962	   
   	1963	    
    	1964	    
    	1965	    
    	1966	    
    	1967	    
     	1968	    

9.13 ROAD CASUALTIES

Persons

Year	Total Casualties		Drivers		Motor Cyclists and Pillion Passengers		Pedal Cyclists		Bus, Car and Goods Vehicle Passengers		Trishaw Passengers		Pedestrians	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
1961	194	6,805	10	477	40	838	25	1,167	27	1,133	-	13	92	2,177
1962	171	7,755	13	552	41	2,230	18	1,266	17	1,234	-	18	82	2,455
1963	204	8,540	8	597	47	2,722	26	1,260	21	1,330	-	31	102	2,600
1964	231	8,739	20	666	49	2,827	42	1,318	24	1,302	1	25	95	2,601
1965	230	9,046	13	709	49	3,011	33	1,128	32	1,360	-	14	103	2,824
1966	251	9,222	23	710	62	3,190	35	1,070	29	1,227	-	22	102	3,003
1967	227	10,122	18	676	55	3,598	24	1,135	20	1,352	-	16	110	3,345
1968	302	9,271	16	606	84	3,308	35	935	39	1,357	-	15	128	3,050

Source: Police Department.

9.14 POSTAL ARTICLES HANDLED

Thousand

Class of Correspondence	1961	1962	1963	1964	1965	1966	1967	1968
Letters	49,439	44,481	45,859	47,340	48,254	48,903	51,558	54,658
Postcards	1,401	1,132	1,485	1,589	1,236	1,040	1,581	1,216
Printed Matters ..	40,507	42,862	46,934	49,083	55,783	68,176	66,732	71,843
Airmail Correspondence 1st Class	26,937	25,338	26,732	29,378	26,613	23,493	41,435	36,464
Registered Articles	4,828	5,059	4,889	4,846	4,997	5,206	5,796	6,645
Parcels	1,117	1,262	1,304	1,215	1,399	1,468	1,745	1,523
Unregistered Government Franked Correspondence	10,313	15,884	16,372	15,449	19,364	21,958	23,699	25,277
Others	1	1	2	3	8	8	9	8
Total	134,543	136,019	143,577	148,903	157,654	170,252	192,555	197,634

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	753	129	128	23	54	30	47	119

Source: Telecommunications Department.

10. BANKING AND INSURANCE

Banking

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

Insurance

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 especially those in the lower income groups. It operates as part of the services provided by the Postal Department.

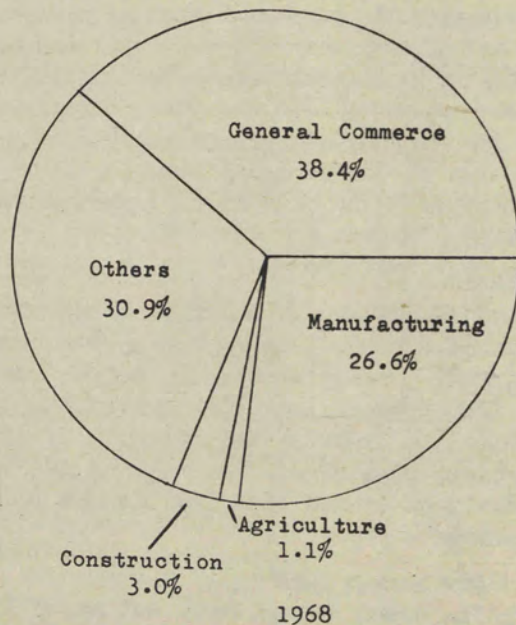
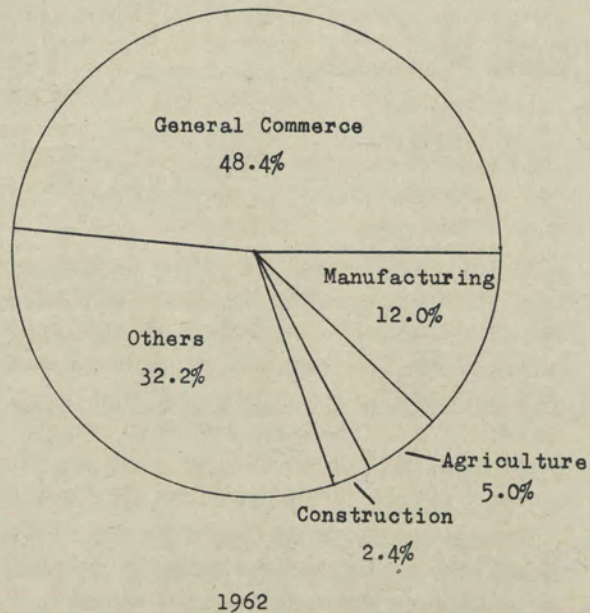
Central Provident Fund

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 of the Fund 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 Malaya (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 contributors and include interest earned.

LOANS AND ADVANCES OF COMMERCIAL BANKS



10.1 DETAILS OF ASSETS OF COMMERCIAL BANKS

(As at end of December)

\$ Million

	1961	1962	1963	1964	1965	1966	1967	1968
Cash ⁽¹⁾	49.3	48.5	49.4	30.1	30.2	29.9	45.1	38.0
Balances due from Banks	379.8	453.8	397.0	413.2	361.1	415.5	387.7	499.6
Singapore	138.5	187.4	179.1	179.1	127.8	155.2	152.5	238.4
Malaysia	43.8	50.5	44.3	84.5	103.3	111.2	83.3	124.9
Other Countries	197.5	215.9	173.6	149.6	130.0	149.1	151.9	136.3
Investments in Securities	199.6	227.6	229.5	316.0	431.5	429.5	488.9	880.3
Singapore	73.8	89.2	98.5	110.0	112.2	140.5	394.5	784.5
Malaysia	10.3	25.1	22.8	106.0	227.8	197.1	8.8	10.3
Other Countries	115.5	113.3	108.2	100.0	91.5	91.9	85.6	85.5
Loans and Discounts	867.1	967.3	1,054.4	1,126.0	1,284.6	1,461.6	1,607.0	1,942.0
Bills (receivable, discounted or purchased)	211.4	187.8	215.0	211.5	251.1	309.1	331.9	363.4
Internal	128.3	116.7	131.2	131.3	163.0	195.7	211.6	248.5
External	83.1	71.1	83.8	80.2	88.1	113.1	120.3	114.9
Loans and Advances to Banks and Customers other than Banks	655.7	779.5	839.4	914.5	1,033.5	1,152.5	1,275.1	1,578.6
All Other Assets ⁽²⁾	182.0	130.5	159.7	196.5	274.3	307.2	254.8	314.2
Total Assets	1,677.8	1,827.7	1,890.0	2,081.8	2,381.7	2,643.7	2,783.5	3,674.1

(1) Includes notes and coins of Singapore, Board of Commissioners of Currency (Malaya & British Borneo), Malaysia and Brunei.

(2) Includes Balances and Reserves with Bank Negara Malaysia for 1965 and 1966 and Accountant-General, Singapore from 1967 onwards.

10.2 DETAILS OF LIABILITIES OF COMMERCIAL BANKS

(As at end of December)

\$ Million

	1961	1962	1963	1964	1965	1966	1967	1968
Deposits of Customers other than Banks:	892.8	1,019.9	1,092.0	1,137.2	1,222.0	1,412.1	1,828.2	2,309.7
Demand Deposits	366.5	417.8	442.8	423.8	446.8	520.3	587.7	733.6
Fixed Deposits	350.9	415.0	437.5	483.6	548.7	634.2	919.2	1,240.2
Savings Accounts	145.6	167.6	193.8	209.2	216.8	241.3	302.1	320.6
Other Deposits	29.8	19.5	17.9	20.6	9.7	16.3	19.2	15.3
Balances Due to Banks and Amounts Borrowed from Banks:	487.0	515.1	502.6	627.6	852.1	865.3	589.5	839.1
Singapore	159.1	185.6	193.0	172.2	237.2	276.7	297.0	426.8
Malaysia	180.2	204.9	189.4	258.4	404.2	366.6	126.3	86.8
Other Countries ⁽¹⁾	147.7	124.6	120.2	197.0	210.7	222.0	166.2	325.5
All Other Liabilities	298.0	292.7	295.4	317.0	307.6	366.3	365.8	526.6
Total Liabilities	1,677.8	1,827.7	1,890.0	2,081.8	2,381.7	2,643.7	2,783.5	3,675.4

(1) Prior to 1965, East Malaysia was shown under "Other Countries".

10.3 CLASSIFICATION OF LOANS AND ADVANCES OF COMMERCIAL BANKS

(As at end of December)

\$ Thousand

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

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

\$ Thousand

	1961	1962	1963	1964	1965	1966	1967
Policies in Force: (as at end of December)							
Amount insured	318,210	300,498	304,475	343,673	369,611	385,426	433,469
Premiums	17,183	15,995	16,180	18,021	18,682	19,625	21,723
New Policies:							
Amount insured	64,529	71,070	60,760	81,626	102,447	84,795	85,947
Premiums	3,130	3,582	3,154	3,972	4,547	3,880	3,845
Policies Discontinued:							
Amount insured	39,823	91,193	31,900	47,744	45,188	49,910	37,904
Premiums	1,982	3,876	1,566	2,161	2,134	2,171	1,746

10.5 LIFE INSURANCE: SUMMARY OF REVENUE AND EXPENDITURE ACCOUNT

\$ Thousand

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

	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
Expenditures:				
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

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

\$ Thousand

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

				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

10.7 GENERAL INSURANCE: PREMIUMS AND CLAIMS

\$ Thousand

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

(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

10.8 GENERAL INSURANCE: SUMMARY OF REVENUE AND EXPENDITURE ACCOUNT

\$ Thousand

	1965	1966	1967
Revenue: Total	71,460	76,835	84,608
Balance of Revenue Account at the beginning of the year	-650	4,069	5,674
Reserves at the beginning of the year	15,199	16,411	17,480
Provision for outstanding claims	12,709	11,945	12,611
Premiums	35,941	37,145	41,257
Net interest etc.	1,873	2,114	2,397
Miscellaneous	6,388	5,151	5,189
Expenditure: Total	71,460	76,835	84,608
Claims (paid, admitted or intimated and not paid)	27,338	27,944	31,574
Management expenses:			
Commission	10,047	10,021	11,590
Other expenses	9,719	9,793	10,613
Miscellaneous	3,659	6,002	4,487
Balance of Revenue Account at end of the year	3,957	5,582	6,953
Reserves at end of the year	16,740	17,493	19,391

	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

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

\$ Thousand

				1965	1966	1967
Fixed Assets:	..	..	..	13,454	13,276	13,161
Property			{			
Furniture						
Loans:	..	..	..	2,885	2,637	3,053
On Mortgages			{			
On Policies						
Other						
Investments:	..	..	..	14,511	13,645	16,662
Government and Statutory Authorities			..	6,365	8,122	8,308
Debentures and Shares		..	..	8,146	5,523	8,354
Cash and Deposits	..	..	..	13,167	16,014	18,299
Miscellaneous	..	..	..	10,429	7,574	8,198
TOTAL	..	..	..	54,446	53,146	59,373

				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

10.10 POST OFFICE SAVINGS BANK: DEPOSITS AND WITHDRAWALS

(As at end of December)

\$ Thousand

	1961	1962	1963	1964	1965	1966	1967	1968
Post Office Savings Bank:								
Amount Deposited	20,082.2	21,515.2	21,648.7	18,004.7	17,586.7	16,956.1	18,521.9	22,869.6
Amount Withdrawn	21,930.8	22,116.4	22,458.3	21,559.9	20,521.6	19,438.9	19,217.5	19,223.9
Total Amount Due to Members(1)	42,697.4	43,097.6	43,315.6	40,745.6	38,820.2	37,419.5	37,778.7	42,838.4

(1) Includes interest accrued.

Source: Post Office Savings Bank

10.11 CENTRAL PROVIDENT FUND BOARD: DEPOSITS AND WITHDRAWALS

(As at end of December)

\$ Thousand

	1961	1962	1963	1964	1965	1966	1967	1968
Central Provident Fund Board:								
Amount Deposited	32,581.8	35,505.2	37,697.5	42,458.5	45,897.0	45,549.6	53,989.0	67,430.5
Amount Withdrawn	4,388.4	5,207.4	5,767.9	7,515.6	9,177.1	10,911.3	14,536.6	29,976.2
Total Amount Due to Members(1)	181,032.3	215,773.7	258,435.1	306,631.4	359,024.7	415,965.8	477,315.5	539,442.6

(1) Includes 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 Department also collects radio and television licence fees. Revenue collected by the two departments jointly account for about 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 are 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. Revenues were 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 were paid out of this account. Thus, the expenditure figures for this period are not comparable with that of the other years.

Development Fund

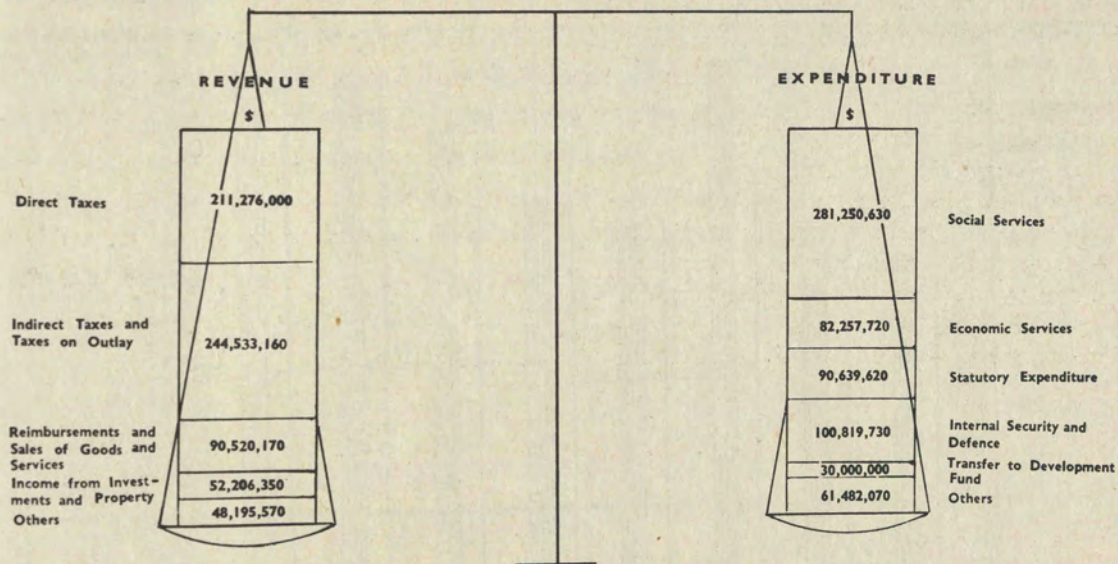
The Development Fund was established in 1960 and receipts from revenue, allocation for development, loans, and grants, and other sources available for development financing are credited to this account. All payments for development expenditure by the Government and of loans to statutory authorities to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

1 9 6 8



GOVERNMENT REVENUE AND EXPENDITURE

Million
Dollars

700

600

500

400

300

200

100

0

1961

1962

1963

1964

1965

1966

1967

(estimated)

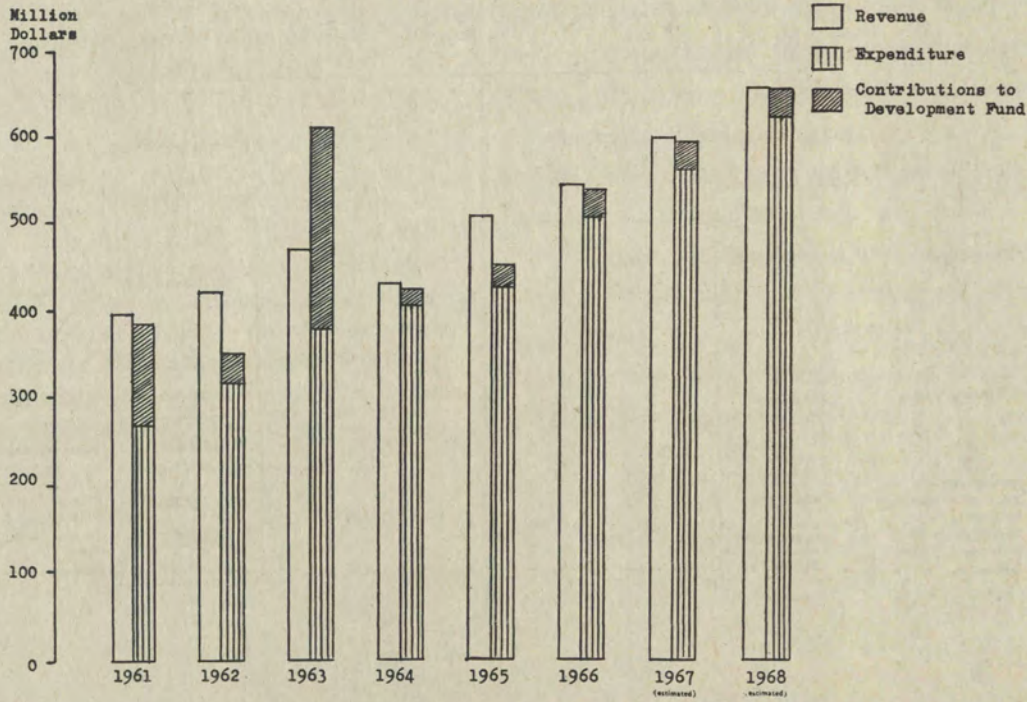
1968

(estimated)

Revenue

Expenditure

Contributions to
Development Fund



11.1 ESTIMATES OF GOVERNMENT REVENUE AND EXPENDITURE, 1967 & 1968

\$ Million

<u>Revenue</u>				<u>Expenditure</u>				
			<u>1967</u>	<u>1968</u>			<u>1967</u>	<u>1968</u>
Direct Taxes	..	..	192.5	211.3	Social Services	..	274.0	281.2
Indirect Taxes and Taxes on Outlay	..	..	238.6	244.5	Economic Services	..	79.5	82.3
Reimbursements and Sales of Goods and Services	..		79.6	90.5	Statutory Expenditure	..	75.7	90.6
Income from Investments and Property	..	..	42.8	52.2	Internal Security and Defence		78.9	100.8
Others	..	..	37.1	48.2	Others	..	52.2	61.5
			<u>590.6</u>	<u>646.7</u>	Surplus c/d	..	30.3	30.3
							<u>590.6</u>	<u>646.7</u>

11.2 GOVERNMENT REVENUE BY SOURCE

\$ Million

	1961	1962	1963	1964	1965	1966	1967 (Est.)	1968 (Est.)
Taxes on Income	82.0	88.5	86.1	96.8	110.2	95.5	114.0	112.0
Taxes on Production and Expenditure	182.9	199.8	209.7	232.3	257.8	278.1	314.0	329.0
Other Compulsory Transfer Payments	12.0	12.6	43.4	6.5	14.7	9.4	10.7	28.0
Sales of Goods and Services	56.1	68.2	71.9	73.9	80.3	83.0	107.7	123.0
Reimbursements for Services and Sales of Land	4.2	4.7	16.4	4.9	19.0	53.0	11.7	12.3
Interest and Dividends Received	31.1	30.2	34.3	13.7	14.9	13.3	27.1	36.3
Financial Claims	17.2	14.1	3.8	3.6	8.3	3.7	4.2	4.8
Overpayment and Refunds	1.2	0.7	4.0	1.2	2.4	1.0	1.2	1.3
Total	397.4 ⁽¹⁾	418.8	469.6	432.9	507.6	537.0	590.6	646.7

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

11.3 GOVERNMENT EXPENDITURE BY TYPE OF SERVICES

\$ Million

Type of Services	1961	1962	1963	1964	1965	1966	1967 (Est.)	1968 (Est.)
General Services:								
General Administration ..	27.7	30.2	40.0	33.3	34.9	71.2	58.4	66.6
Transfer to Development Fund	110.0	30.0	230.0	16.0	20.0	30.0	30.0	30.0
Defence, Justice and Police	36.9	41.4	46.5	1.0	19.7	74.4	85.9	108.7
Social Services:								
Education	68.2	83.2	96.3	104.6	115.1	126.4	146.6	155.5
Health	51.1	58.1	62.7	64.3	68.0	69.9	79.7	79.2
Social Security, Specific Welfare and Other Social Services	18.7	23.6	32.0	35.7	30.7	33.7	38.9	38.3
Economic Services:								
Agriculture, Manufacturing and Construction ..	6.8	4.1	4.4	4.2	4.4	4.7	6.1	6.5
Transport, Storage and Communication ..	21.1	21.1	22.2	1.7	12.1	28.9	37.2	38.4
Other Economic Services ..	9.4	9.9	9.5	8.1	8.7	8.9	12.2	13.0
Community Services ..	7.1	14.4	14.0	12.7	14.0	15.9	18.0	18.0
Unallocable	27.7	35.8	43.2	44.2	64.2	66.3	77.2	92.3
Total ..	384.7	351.8	600.8	325.8	391.8	530.3	590.2	646.5

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.

11.4 REVENUE COLLECTED BY CUSTOMS AND EXCISE DEPARTMENT

\$ Thousand

	1961	1962	1963	1964	1965	1966	1967	1968
Liquors	26,636	27,720	31,093	33,671	37,661	40,536	43,518	51,398
Tobacco	41,855	46,316	45,310	45,407	47,076	46,846	47,153	58,259
Petroleum	37,162	37,885	38,901	41,718	53,200	55,730	53,134	57,195
Entertainment Duties ..	7,242	7,742	7,614	6,713	7,424	8,448	8,559	9,188
Protective Duties	174	490	679	656	4,116	16,923	17,255	20,579
Film Hire Duty	1,263	1,308	1,432	1,289	1,285	1,461	1,503	1,644
Others	1,428	1,235	1,500	2,023	15,096	16,464	16,601	15,432
Total	115,760	122,696	126,529	131,477	165,858	186,408	187,723	213,695

Source: Customs & Excise Department

11.5 REVENUE COLLECTED BY INLAND REVENUE DEPARTMENT

\$ Thousand

	1961	1962	1963	1964	1965	1966	1967	1968
Income Tax	83,205	89,517	87,971	89,968	100,230	112,848 ⁽¹⁾	128,557 ⁽¹⁾	149,618
Property Tax	41,462	46,715	49,010	61,915	55,983	73,362	79,030	88,284
Estate Duties	3,293	5,078	6,962	5,040	7,784	5,010	7,334	8,364
Stamp Duties	3,996	4,122	6,814	7,039	6,309	6,414	8,340	10,472
Payroll Tax	-	-	-	-	7,333	9,568	10,108	11,128
Bets, Sweepstakes and Private Lotteries ...	5,269	5,861	5,885	5,680	5,708	6,265	6,462	6,454
Radio and Television Fees	1,542	1,611	2,112	2,706	3,609	4,449	4,985	5,593
Others ⁽²⁾	285	303	266	570	661	661	673	841
Total	139,052	153,207	159,020	172,918	187,617	218,577	245,489	280,754

(1) Figures have been adjusted 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.

Source: Inland Revenue Department

11.6 ASSESSED INCOME AND TAX ASSESSED: INDIVIDUALS
(Year of Assessment 1966)

Assessed Income Groups \$	Number of Taxpayers		Assessed Income \$'000		Tax Assessed \$'000	
	Resident	Non-Resident	Resident	Non-Resident	Resident	Non-Resident
3,001 - 6,000	36,132	2,550	147,567	4,908	2,139	1,948
6,001 - 8,000	16,965	182	117,134	1,242	2,412	493
8,001 - 10,000	9,018	107	79,836	947	2,438	375
10,001 - 15,000	9,198	122	109,611	1,410	5,368	555
15,001 - 20,000	3,163	41	54,169	708	4,247	283
20,001 - 30,000	2,744	44	66,014	1,034	7,520	399
30,001 - 50,000	1,559	30	58,339	1,174	9,781	460
50,001 - 100,000	550	10	35,846	725	9,494	269
100,001 - 200,000	62	3	8,149	337	3,167	135
Over 200,000	14	1	4,404	3,320	2,079	1,328
Total	79,405	3,090	681,069	15,805	48,645	6,245

Assessments raised up to 31st December 1967
for Year of Assessment 1966.

Source: Inland Revenue Department.

11.7 RATES OF TAX ON RESIDENT INDIVIDUALS AND PERSONAL ALLOWANCES

AS FROM 1.1.67

					<u>Rate of Tax</u> (%)
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

11.8 DEVELOPMENT FUND: RECEIPTS AND EXPENDITURE

\$ Million

Year	Balance (as at 1st January)	Receipts				Expenditure		
		Total	From Consoli- dated Revenue Account	From Consoli- dated Loan Account	Other	Total	General Develop- ment	Other
1961	87.4	139.8	110.0	24.2	5.6	106.2	105.7	0.5
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	319.6	30.1	218.2	71.3	240.1	231.5	8.6

11.9 REVENUE AND EXPENDITURE OF PUBLIC AUTHORITIES, 1967 AND 1968

\$ Million

	Public Utilities Board		Port of Singapore Authority		Housing and Development Board		Singapore Telephone Board		Economic Development Board		Central Provident Fund Board		Total	
	1967	1968	1967	1968	1967	1968	1967	1968	1967	1968	1967	1968	1967	1968
Revenue	129.5	145.7	100.0	102.6	42.1	44.9	18.6	21.5	15.0	10.5	26.4	29.5	331.6	354.7
Expenditure	85.2	87.1	86.1	85.6	14.3	15.5	10.9	12.0	11.2	8.8	1.5	1.8	209.2	210.8
Operating Surplus	44.3	58.6	13.9	17.0	27.8	29.4	7.7	9.5	3.8	1.7	24.9	27.7	122.4	143.9
Other Income	4.7	0.1	3.7	4.6	9.5	11.7	0.4	1.0	-	-	0.3	0.3	18.6	17.7
Other Expenditure	20.6	23.1	0.6	0.6	39.8	44.7	0.2	0.1	-	-	23.6	25.3	84.8	93.8

TOTAL: PUBLIC AUTHORITIES

\$ Million

	1962	1963	1964	1965	1966	1967	1968
Revenue	187.8	173.7	267.2	255.0	282.4	331.6	354.7
Expenditure	102.9	99.6	159.8	159.6	170.6	209.2	210.8
Operating Surplus	84.9	74.1	107.4	95.4	111.8	122.4	143.9
Other Income	5.4	3.5	6.5	9.4	15.4	18.6	17.7
Other Expenses	51.5	52.3	75.5	90.0	91.8	84.8	93.8

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

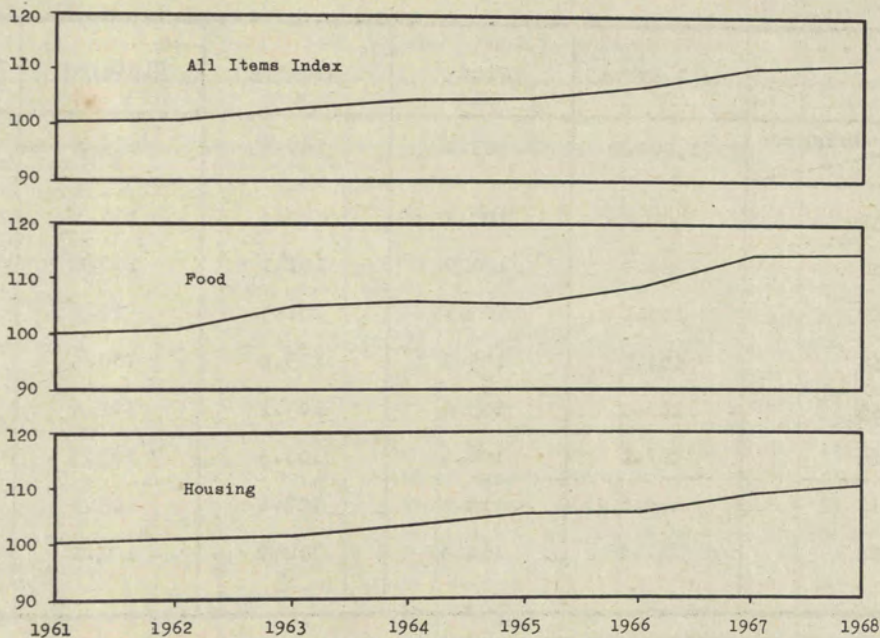
seven postal districts. Prices for items of clothing and some miscellaneous items are collected monthly while for items which have only minor variations in prices over the short period only halfyearly and yearly checks are made.

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

Wholesale prices

Wholesale prices of Straits produces 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					
1961	100.4	100.2	100.4	100.5	100.9
1962	100.9	100.9	101.1	100.1	100.9
1963	103.1	105.1	101.3	99.7	101.2
1964	104.7	105.9	103.0	100.3	104.4
1965	105.0	105.4	105.1	101.6	105.0
1966	107.1	108.6	105.3	103.3	106.2
1967	110.6	114.3	108.6	103.5	106.5
1968	111.4	114.6	110.2	104.1	107.8

12.2 WHOLESALE PRICES OF STRAITS PRODUCE

	Unit	1961	1962	1963	1964	1965	1966	1967	1968
Rubber Ribbed Smoked Sheet									
Int. 1 f.o.b. in bales ..	cts. per lb.	83.48	78.24	72.42	68.12	70.13	65.55	54.17	53.04
Rubber Crepe: Int. No. 1									
compo crepe	"	71.24	71.26	66.39	63.70	56.86	61.91	47.68	48.96
Rubber, Milling Grades:									
Brown and dark crepe ..	"	58.98	63.13	60.18	57.30	45.22	55.59	41.63	43.89
Tin	\$ per picul	446.85	447.79	455.40	619.42	702.80	645.23	600.09	565.54
Coffee: A.P. 1	"	56.07	68.39	91.23	137.04	99.52	113.03	103.43	101.41
Pepper: White Muntok, genuine	"	195.65	163.09	152.87	152.32	184.67	195.72	145.44	123.91
Sago: Flour No. 1 ..	"	8.89	8.71	9.27	10.67	10.11	10.64	9.71	11.87
Nutmegs: 80's	"	371.54	314.13	358.81	399.46	472.04	600.00	429.50	216.94
Coconut Oil: Crude in 2nd hand									
drums f.o.b.	"	41.22	42.05	48.39	54.29	61.74	48.23	50.87	57.83
Palm Oil f.o.b.	"	37.88	35.30	35.10	38.79	44.88	38.21	37.14	26.60
Oilcake: round	"	13.91	17.98	16.89	19.47	19.64	18.94	14.73	13.38
Mace: whole and broken ..	"	382.06	326.67	380.38	451.67	555.17	660.00	490.33	267.00
Rattan, Washed Loonty									
No. 1 and 2 (5/11 m.m.) ..	"	129.19	124.60	123.73	130.00	130.00	118.80	124.88	115.11
Gum Damar Singapore No. 1	"	110.11	109.58	100.15	88.82	66.69	65.00	50.72	38.19

Source: International Chamber of Commerce

12.3 AVERAGE RETAIL PRICES OF SELECTED FOODSTUFFS

Dollars

Selected Foodstuffs		Units of measure	1961	1962	1963	1964	1965	1966	1967	1968
Rice & Cereals:	Siam Polished Rice 100%	per kati	.32	.35	.35	.34	.34	.37	.47	.47
	Wheat Flour	2 katis	.45	.45	.46	.47	.49	.47	.47	.47
	Bread	lb. loaf	.26	.26	.26	.26	.26	.26	.27	.27
	Rice Vermicelli (Bee Hoon)	kt. packet	.36	.37	.36	.36	.37	.41	.47	.50
Meat & Poultry:	Mutton (Fresh) ..	per pound	1.33	1.36	1.39	1.41	1.45	1.42	1.46	1.47
	Pork, lean and fat ..	per kati	1.80	1.80	1.91	1.99	1.97	1.98	1.99	2.21
	Beef (Fresh)	per kati	2.09	2.09	2.08	2.09	2.15	2.36	2.37	2.39
	Hen	per kati	1.99	1.90	1.88	1.84	1.79	1.85	1.80	1.71
Milk, eggs & Oils:	Condensed milk ..	14oz. tin	.55	.55	.59	.63	.65	.65	.64	.62
	Fowl's Eggs	per 10	1.08	1.06	1.02	1.04	1.01	1.10	.98	.98
	Cooking Oil	5 kt. tin	3.50	3.50	3.51	3.51	3.56	3.57	3.57	3.61
Fish:	Spanish Mackerel ..	per kati	1.23	1.20	1.27	1.31	1.33	1.34	1.33	1.30
	Golden Banded Scad ..	per kati	.67	.69	.68	.65	.61	.59	.59	.48
	Dorab	per kati	1.40	1.36	1.49	1.51	1.52	1.54	1.58	1.43
	Dried Prawn	per kati	2.65	2.55	2.50	2.56	2.51	2.53	2.64	2.54
Vegetables:	Cabbage	per kati	.29	.28	.32	.49	.41	.44	.42	.36
	Spinach	per kati	.20	.21	.21	.23	.22	.22	.23	.24
	Red Chillies	per kati	.91	.99	.87	.95	.84	1.03	.88	1.03
	Cucumber	per kati	.25	.25	.26	.26	.26	.27	.26	.26
Fruits:	Apples	each	.20	.20	.20	.20	.20	.21	.20	.21
	Oranges	each	.20	.19	.20	.20	.20	.20	.20	.20
	Pineapple	each	.29	.30	.36	.34	.33	.40	.39	.39
	Bananas	per kati	.30	.30	.30	.29	.28	.29	.29	.30
Miscellaneous:	Sugar	2 katis	.41	.37	.83	.74	.64	.60	.62	.65
	Coffee Powder	per kati	1.97	1.97	1.98	2.24	2.22	2.24	2.21	2.21
	Ceylon Tea	1lb. pkt.	1.49	1.49	1.50	1.50	1.50	1.50	1.51	1.51

13. NATIONAL INCOME AND BALANCE OF PAYMENTS

Gross domestic expenditure

The estimates of gross domestic expenditure comprise of expenditure on consumption of goods and services by households, government and private non-profit making institutions and on gross capital formation. Private consumption expenditure on goods and services is compiled mainly from statistics of retained imports and domestic production 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 annual Budget Estimates.

Estimates of gross fixed capital formation are also compiled from data on retained imports of machinery and equipment and transport equipment, valued at import prices raised to retail level by trade markups. Data on the expenditure on buildings, other construction and works are

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 were compiled largely from statistics of production and external trade and from estimates of gross domestic expenditure and balance of payments. Both the output or value added and income approaches were used in deriving estimates of the net contribution of the various industries to the gross domestic product, depending on the specific nature of the basic information available.

Data are not sufficiently available for the separate estimation of the net contribution of certain services sectors, such as transport, storage and communication and financial and business services. Estimates of net contribution of other

sectors such as agriculture, industry and trade would therefore include part of the contributions of these services sectors.

Balance of payments

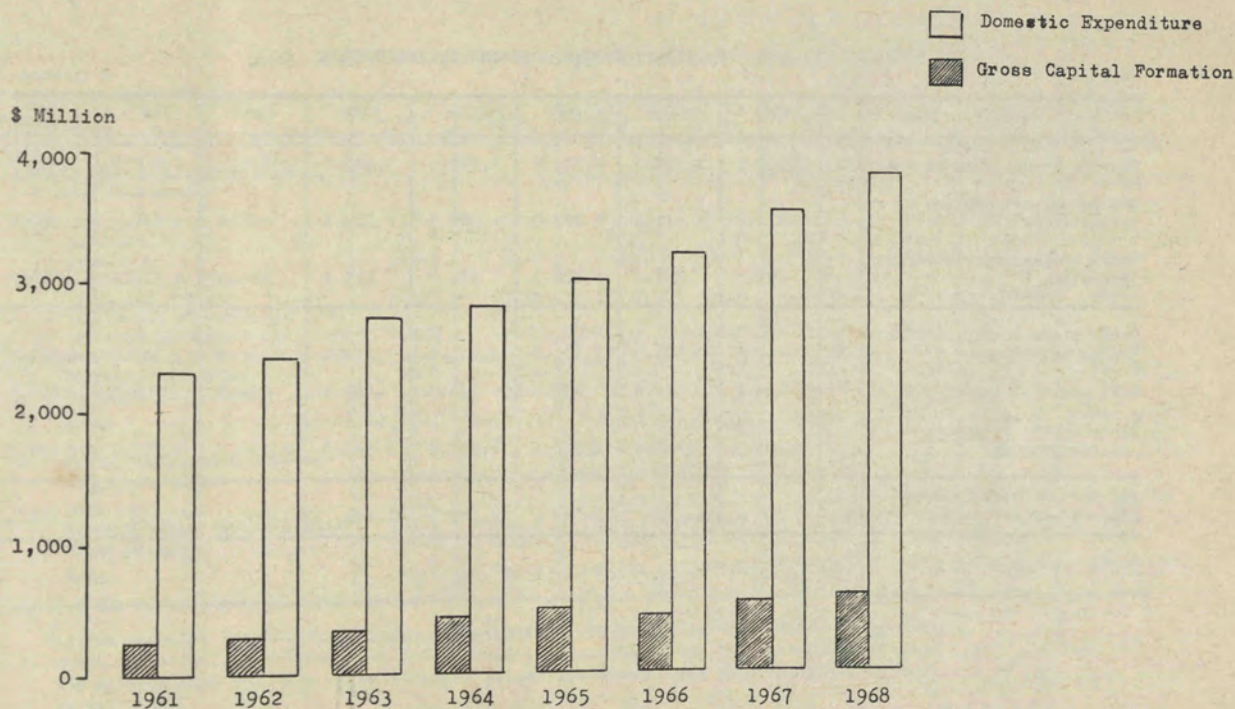
The estimates of balance of payments were compiled from available data on external transactions of Singapore. The data on merchandise account and freight and insurance were based on trade and shipping statistics. Other transportation includes earnings on services provided by the Port of Singapore Authority and the Airport as well as receipts and payments on passenger fares.

Receipts on other services are mainly accounted for by United Kingdom Forces expenditure 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 are limited to the movements of long-term capital of the government and statutory authorities as well as commercial banks.

ESTIMATES OF DOMESTIC EXPENDITURE AND GROSS CAPITAL FORMATION



13.1 ESTIMATES OF GROSS DOMESTIC EXPENDITURE

\$ Million

	1961	1962	1963	1964	1965	1966	1967	1968 (Prelim.)
Private consumption expenditure	2,017.6	2,068.0	2,301.9	2,290.3	2,444.2	2,639.1	2,882.9	3,045.5
Government consumption expenditure	214.8	241.5	277.0	289.8	314.5	347.4	386.3	430.0
Gross domestic fixed capital formation	235.1	262.1	327.3	421.0	475.8	473.3	518.3	606.0
Gross Domestic Expenditure at market prices ..	2,467.5	2,571.6	2,906.2	3,001.1	3,234.5	3,459.8	3,787.5	4,081.5
Less Indirect taxes ..	124.2	129.8	135.6	145.9	169.7	204.8	208.8	228.8
Gross Domestic Expenditure at factor cost ..	2,343.3	2,441.8	2,770.6	2,855.2	3,064.8	3,255.0	3,578.7	3,852.7
Per Capita Gross Domestic Expenditure at factor cost (\$)	1,389	1,409	1,561	1,569	1,643	1,701	1,830	1,938

13.2 DETAILS OF PRIVATE CONSUMPTION EXPENDITURE ON GOODS AND SERVICES

\$ Million

	1961	1962	1963	1964	1965	1966	1967	1968 (Prelim.)
A. Private Consumption Expenditure on Goods:-								
Food	638.0	651.6	702.1	687.2	734.5	786.4	850.5	879.9
Beverage	74.3	77.1	88.2	94.8	107.5	117.7	126.6	142.9
Tobacco	84.7	86.7	88.7	94.1	97.3	102.5	114.4	114.6
Clothing and other personal effects ..	266.5	251.4	327.2	311.8	325.6	357.4	398.8	441.8
Furniture, furnishings and durable household equipment	118.2	136.5	174.8	153.9	170.4	193.0	213.5	223.0
Non-durable household goods	44.7	42.9	45.3	46.6	41.9	43.5	46.9	55.8
Recreational goods ..	44.0	55.2	65.8	61.7	73.2	85.2	105.1	108.2
Other goods ..	54.0	54.9	62.8	58.1	62.9	69.3	87.8	80.3
Total	1,324.4	1,356.3	1,554.9	1,508.2	1,613.3	1,755.0	1,943.6	2,046.5
B. Private Consumption Expenditure on Services:-								
Housing	146.4	151.6	158.3	170.1	183.1	199.5	220.5	237.9
Transport and communication	207.9	216.8	235.1	246.9	266.7	288.6	306.9	335.5
Other services ..	258.9	263.3	273.6	285.1	301.1	316.0	331.9	345.6
Total	613.2	631.7	667.0	702.1	750.9	804.1	859.3	919.0

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, 1967 & 1968

\$ Million

	1967			1968 (Preliminary)		
	Retained Imports	Local Production	Total	Retained Imports	Local Production	Total
Food	498.9	351.6	850.5	493.5	386.4	879.9
Rice	110.8	-	110.8	123.8	-	123.8
Bread and cereals ..	21.0	42.6	63.6	23.6	42.1	65.7
Meat and fish ..	118.7	156.1	274.8	118.9	158.3	277.2
Milk, cheese and eggs ..	31.9	43.6	75.5	31.8	48.4	80.2
Fruits and vegetables ..	131.5	27.9	159.4	126.1	28.0	154.1
Other food ..	85.0	81.4	166.4	69.3	109.6	178.9
Beverage	46.4	80.2	126.6	53.2	89.7	142.9
Non-alcoholic ..	-	36.9	36.9	-	42.5	42.5
Alcoholic ..	46.4	43.3	89.7	53.2	47.2	100.4
Tobacco	17.6	96.8	114.4	19.3	95.3	114.6
Clothing and Personal Effects	318.4	80.4	398.8	341.9	99.9	441.8
Footwear and clothing ..	247.3	36.4	283.7	270.6	46.0	316.6
Other personal effects ..	71.1	44.0	115.1	71.3	53.9	125.2
Furniture, Furnishings and Durable Household Equipment:	149.2	64.3	213.5	149.2	73.8	223.0
Furniture and furnishings ..	33.4	50.1	83.5	33.8	49.9	83.7
Durable household equipment	115.8	14.2	130.0	115.4	23.9	139.3
Non-durable Household Equipment	32.4	14.5	46.9	30.3	25.5	55.8
Recreational Goods ..	76.2	28.9	105.1	78.8	29.4	108.2
Books, newspapers & magazines	26.4	27.9	54.3	28.0	28.2	56.2
Sports goods including toys	49.8	1.0	50.8	50.8	1.2	52.0
Other Goods	75.3	12.5	87.8	63.5	16.8	80.3
Toilet articles & preparations	38.6	11.0	49.6	36.4	12.6	49.0
Medicinal & pharmaceutical products ..	36.7	1.5	38.2	27.1	4.2	31.3
Total	1,214.4	729.2	1,943.6	1,229.7	816.8	2,046.5

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

\$ Million

	1961	1962	1963	1964	1965	1966	1967	1968 (Prelim.)
Machinery and equipment: ..	88.0	101.9	128.4	183.9	186.1	204.2	208.7	268.4
Machinery other than electric	42.7	47.0	55.7	83.8	80.7	106.4	119.4	153.4
Electric machinery ..	30.1	41.4	54.7	80.0	84.0	74.4	65.4	76.5
Miscellaneous ..	15.2	13.5	18.0	20.1	21.4	23.4	23.9	38.5
Transport equipment ..	22.0	26.4	19.2	21.6	31.8	20.7	23.4	40.2
Building, other construction and works: ..	125.1	133.8	179.7	215.5	257.9	248.4	286.2	297.4
Dwellings ..	55.2	68.8	82.5	87.1	96.2	109.7	126.7	110.5
Non-residential buildings ..	43.3	24.2	48.8	56.8	66.3	56.1	81.3	100.4
Other construction and works	26.6	40.8	48.4	71.6	95.4	82.6	78.2	86.5
Gross Domestic Fixed Capital Formation	235.1	262.1	327.3	421.0	475.8	473.3	518.3	606.4
Public Sector ..	99.5	125.7	165.7	214.7	216.0	239.6	224.9	283.8
Private Sector ..	135.6	136.4	161.6	206.3	259.8	233.7	293.4	322.2

13.5 ESTIMATES OF GROSS DOMESTIC PRODUCT BY INDUSTRIAL ORIGIN

\$ Million

	1961	1962	1963	1964	1965	1966	1967	1968 (Prelim.)
Agriculture and Fishing	135	138	147	142	140	153	146	150
Manufacturing and Quarrying	185	194	231	260	312	367	415	514
Construction	66	71	95	114	131	129	150	156
Electricity, Gas and Water Services	47	53	53	59	54	73	93	104
Wholesale and Retail Trade	713	745	902	753	833	956	1,068	1,352
a. Entrepot trade								
incl. processing	398	406	484	331	367	454	475	661
b. Domestic trade	315	339	418	422	466	502	593	691
Ownership of Dwellings	101	104	110	118	129	142	153	167
Government Services	144	164	189	191	214	246	280	308
Other Services	849	902	957	1,063	1,211	1,281	1,304	1,340
Gross Domestic Product at factor cost	2,240	2,371	2,684	2,700	3,024	3,347	3,609	4,091

13.6 ESTIMATES OF BALANCE OF PAYMENTS

\$ Million

	1961	1962	1963	1964	1965	1966	1967	1968 (Prelim.)
A. Goods and services (net)	-249	-176	-300	-93	-101	48	-188	-461
Merchandise trade (f.o.b.)								
Exports	2,750	2,860	3,291	2,601	2,810	3,168	3,239	3,588
Imports	3,358	3,431	3,995	3,252	3,570	3,825	4,149	4,759
Trade balance	-608	-571	-704	-651	-760	-657	-910	-1,171
Services (net)	359	395	404	558	659	705	722	710
Freight and insurance	-205	-212	-241	-189	-207	-223	-248	-299
Transportation	221	239	231	221	249	274	348	406
Travel	19	27	44	50	53	72	108	129
Other invisibles and investment income	324	341	370	476	564	582	514	474
B. Transfer payments (net)	-30	-23	-32	-73	-49	-45	-39	-42
C. Non-monetary capital (net)	14	26	41	22	87	51	115	300
Private long-term (net)	39	24	16	33	58	94	104	123
Official long-term (net)	-25	2	25	-11	29	-43	11	177
Sub-total (A + B + C)	-265	-173	-291	-144	-63	54	-112	-203
D. Net errors and omissions	280	364	372	54	31	133	471	847
E. Over-all payments surplus or deficit (-) (A through D)	15	191	81	-90	-32	187	359	644
F. Monetary movements (net)								
(increase -)	-15	-191	-81	90	32	-187	-359	-644
Net IMF accounts	-	-	-	-	-	-23	-	-
Currency Board's foreign assets	-4	-24	-16	-32	-47	-53	-29	-6
Commercial banks' foreign assets	54	-58	17	78	17	-34	-55	115
Central government assets	-65	-109	-82	44	62	-77	-275	-753

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 students have to pass a common Government Primary School Leaving Examination to gain a place in school at the secondary level. Students who fail to qualify are normally given a further two years of special post-primary education, at the end of which, successful candidates can continue their secondary education.

Secondary education

Secondary education in schools is provided in

four different sets of syllabuses covering academic, technical, commercial and vocational subjects. The practice has been to provide more than one type of education in the same school and recent developments are towards comprehensive and integrated schools which teach subjects from all the four groups. 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 other language streams sit for the Government Examination conducted by the Examination Syndicate of the Ministry of Education.

Vocational education

Students in the vocational schools do an initial two years of study in vocational subjects, such as motor repairing, carpentry, plumbing, electricity, and telecommunication systems. They can then proceed to do a further two years of specialised training in the various trades and specific occupation skills at the Singapore Vocational Institute.

Higher education

The institutes of higher learning in Singapore are the University of Singapore, the Nanyang University, the Singapore Polytechnic, the Teachers' Training College, and the Ngee Ann College. Students seeking admission to the University of Singapore are normally required to have attended two years of post-school certificate classes and passed the Higher School Certificate Examination. The University provides degree courses in Arts, Science, Law, Medicine and Dentistry. All instructions are in the English language medium. Courses in other languages are also offered. The Nanyang University provides courses in Arts, Commerce and Science and tuition is given both in Chinese and English. The Polytechnic conducts courses in close association with the University of Singapore and provides diploma or degree courses in Engineering, Architecture, Accountancy and Nautical Studies. The Ngee Ann College which was established in 1963 offers diploma courses in Accountancy, Applied Chemistry, Chinese Literature, Malay Studies, Business Management, Telecommunication Engineering and Home Economics. The Teachers'

Training College is a Government institution established to provide facilities for the training of teachers to cater for the needs of all 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 and to organise courses at different levels and types in academic, commercial, recreational and special interest subjects. A varied and wide range of courses are provided in many different fields. 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 Post-school Certificate levels. Special Subject Courses include specific subjects such as English, Commerce, Geography, Mathematics, Book-keeping and Principles of Accounts, 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 towards the expenditure of the various institutes of higher learning. It excludes that part of the expenditure by Aided Schools paid from their own sources as well as expenditure by private schools and organisations on education.

14.1 ENROLMENT IN EDUCATIONAL INSTITUTIONS

Year	Primary Schools	Secondary Schools			Number	
		Total	Academic	Others ⁽¹⁾	Universities and Colleges	Total
1961	302,070	67,857	66,478	1,379	10,292	380,219
1962	319,095	72,308	68,931	3,377	11,169	402,572
1963	336,163	84,425	81,245	3,180	12,138	432,726
1964	348,639	99,592	91,226	8,366	13,151	461,382
1965	357,958	114,736	102,861	11,875	14,448	487,142
1966	366,443	132,088	116,956	15,132	14,341	512,872
1967	368,654	144,448	124,701	19,747	13,892	526,994
1968	371,970	150,293	127,866	22,427	13,576	686,132

During 1961-1965 data refer to end-September
and from 1966 onwards data refer to end-June.

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

Source: Ministry of Education

14.2 STUDENTS AND TEACHERS AT EDUCATIONAL INSTITUTIONS, 1968

(As at end of June)

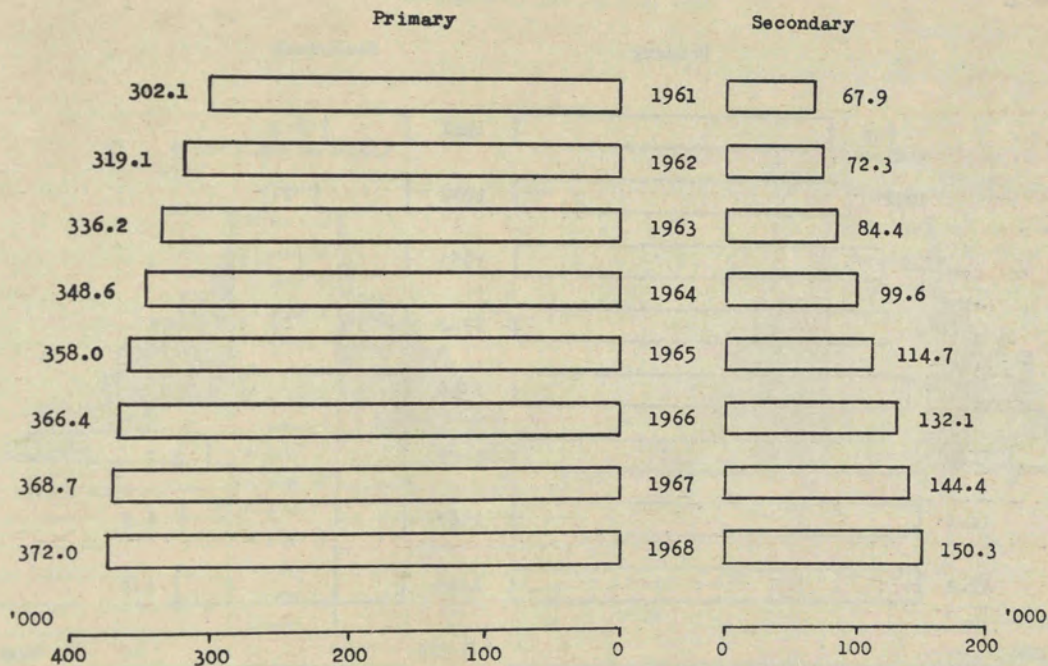
Number

Level of Education	No. of Schools(1)	Students			Teachers		
		Total	Male	Female	Total	Male	Female
Primary	450	371,970	198,602	173,368	12,422	4,751	7,671
Secondary:							
Academic	112	127,866	63,522	64,344	5,316	2,940	2,379
Technical	9	11,274	9,757	1,517	601	454	147
Vocational	12	9,856	6,998	2,858	669	443	223
Commercial	1	1,297	564	733	50	36	14
Universities and Colleges	5	13,576	9,154	4,422	984	835	149
Total	589	535,839	288,597	247,242	20,042	9,459	10,583

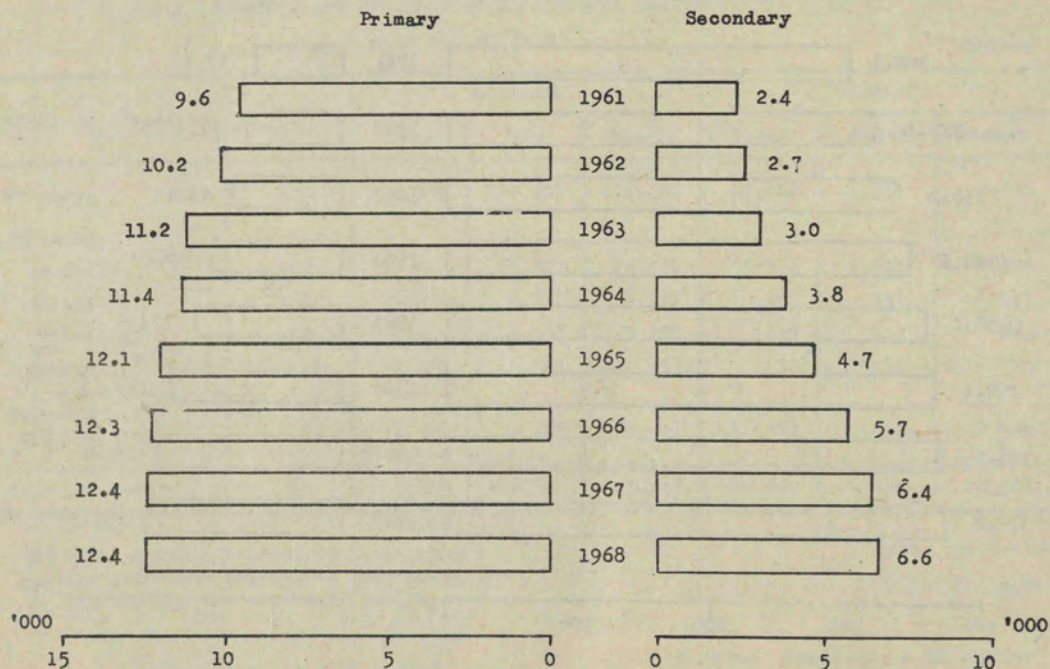
(1) A full school conducting both primary and secondary classes is treated as one primary and one secondary school.

Source: Ministry of Education

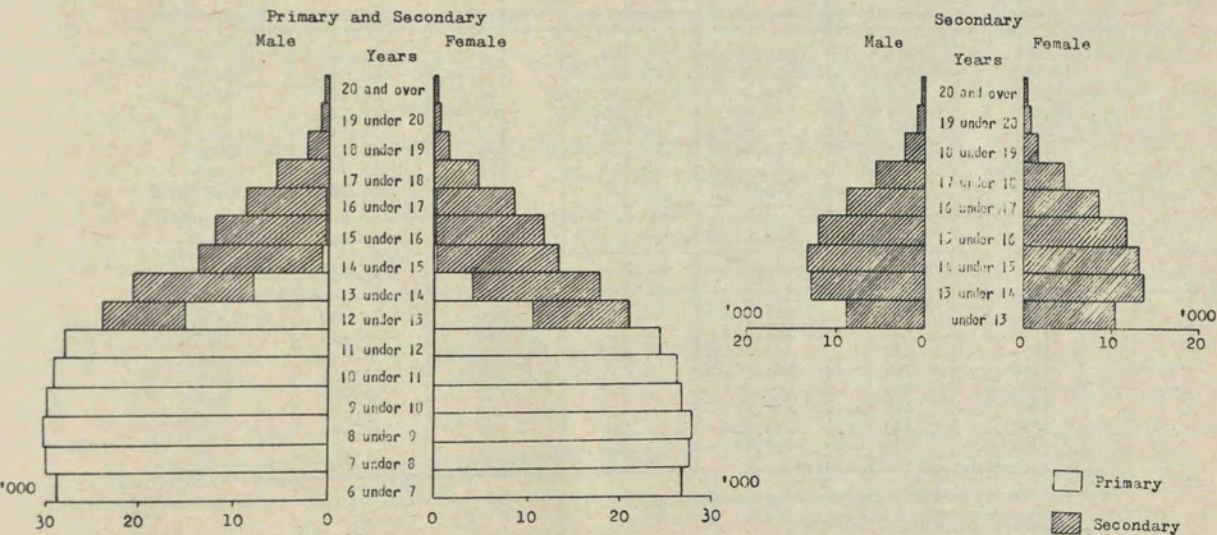
NUMBER OF STUDENTS



NUMBER OF TEACHERS



PRIMARY AND SECONDARY EDUCATION
Enrolment by Age and Sex, 1968



14.3 PRIMARY EDUCATION: NUMBER OF SCHOOLS, STUDENTS AND TEACHERS

Year	Number					
	All Schools			Government		
	Schools	Students	Teachers	Schools	Students	Teachers
1961	470	302,070	9,606	169	151,209	4,782
1962	469	319,095	10,163	173	166,833	5,296
1963	473	336,163	11,180	186	186,749	6,232
1964	469	348,639	11,405	185	201,547	6,493
1965	465	357,958	12,103	192	215,073	7,431
1966	465	366,443	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

Year	Government-Aided			Private		
	Schools	Students	Teachers	Schools	Students	Teachers
1961	272	147,552	4,603	29	3,309	221
1962	266	148,699	4,731	30	3,563	136
1963	262	146,085	4,840	25	3,329	108
1964	260	144,160	4,803	24	2,932	109
1965	250	140,023	4,552	23	2,862	120
1966	250	137,691	4,472	21	3,375	132
1967	243	134,461	4,418	19	1,669	43
1968	235	130,842	4,226	16	1,024	49

During 1961-1965 data refer to end-September
and from 1966 onwards data refer to end-June.

Source: Ministry of Education

14.4 PRIMARY EDUCATION: STUDENTS AND TEACHERS BY TYPE OF SCHOOL, 1968
(As at end of June)

Number

Type of School	Students			Teachers		
	Total	Male	Female	Total	Male	Female
<u>Government:</u>						
English	125,528	67,263	58,265	4,164	1,294	2,870
Chinese	7,933	4,371	3,562	259	118	141
Malay	17,547	6,884	10,663	708	359	349
Tamil	213	64	149	18	12	6
Integrated	88,883	49,412	39,471	2,998	1,219	1,779
<u>Government-Aided:</u>						
English	30,397	14,896	15,501	931	224	707
Chinese	99,007	54,552	44,455	3,227	1,475	1,752
Malay	-	-	-	-	-	-
Tamil	1,155	392	763	59	31	28
Integrated	283	165	118	9	5	4
<u>Private:</u>						
English	698	402	296	35	9	26
Chinese	326	201	125	14	5	9
Malay	-	-	-	-	-	-
Tamil	-	-	-	-	-	-
Total	371,970	198,602	173,368	12,422	4,751	7,671

Source: Ministry of Education

14.5 PRIMARY EDUCATION: ENROLMENT BY LEVEL OF EDUCATION AND AGE

Males

Age as at 1.1.68	Primary I	Primary II	Primary III	Primary IV	Primary V	Primary VI	Primary VI (Repeat)	Total
Under 6	13	-	-	-	-	-	-	13
6 and under 7	28,861	24	-	-	-	-	-	28,885
7 " " 8	366	29,659	55	2	-	-	-	30,082
8 " " 9	6	1,340	28,710	64	5	-	-	30,125
9 " " 10	4	62	4,316	25,279	286	-	-	29,947
10 " " 11	3	18	425	5,663	22,907	93	-	29,109
11 " " 12	2	5	34	1,036	7,520	19,238	163	27,998
12 " " 13	-	8	8	96	2,103	8,408	4,742	15,365
13 " " 14	1	4	6	24	271	3,493	4,381	8,180
14 " " 15	-	2	1	3	49	500	103	658
15 " " 16	-	2	2	5	20	74	2	105
16 and over	-	-	-	5	20	47	11	83
Total	29,256	31,124	33,557	32,177	33,181	31,853	9,402	200,550

Females

Age as at 1.1.68	Primary I	Primary II	Primary III	Primary IV	Primary V	Primary VI	Primary VI (Repeat)	Total
Under 6	6	1	-	-	-	-	-	7
6 and under 7	26,657	105	1	-	-	-	-	26,763
7 " " 8	448	26,943	130	-	-	-	-	27,521
8 " " 9	11	1,582	26,040	145	1	-	-	27,779
9 " " 10	1	56	3,779	22,801	134	-	-	26,771
10 " " 11	-	13	318	4,777	21,020	120	1	26,249
11 " " 12	-	5	30	659	6,222	17,318	63	24,297
12 " " 13	1	2	5	67	1,276	6,703	2,806	10,860
13 " " 14	-	-	4	9	135	2,018	1,989	4,155
14 " " 15	-	-	-	2	32	211	69	314
15 " " 16	-	-	-	3	8	40	1	52
16 and over	-	-	-	4	7	46	8	65
Total	27,124	28,707	30,307	28,467	28,835	26,456	4,937	174,833

Source: Ministry of Education

14.6 SECONDARY EDUCATION: NUMBER OF SCHOOLS, STUDENTS AND TEACHERS

Year	Number					
	All Schools			Government		
	Schools	Students	Teachers	Schools	Students	Teachers
1961	92	67,857	2,418	31	34,041	1,166
1962	91	72,308	2,674	32	36,177	1,328
1963	95	84,425	3,038	37	44,163	1,590
1964	102	99,592	3,842	44	58,010	2,299
1965	118	114,736	4,674	57	72,059	3,082
1966	125	132,088	5,694	64	88,179	4,066
1967	132	144,448	6,386	70	100,268	4,718
1968	134	150,293	6,636	78	106,918	4,998

Year	Government-Aided			Private		
	Schools	Students	Teachers	Schools	Students	Teachers
1961	49	31,234	1,148	12	2,582	104
1962	47	32,562	1,223	12	3,569	123
1963	47	36,344	1,320	11	3,918	128
1964	47	38,062	1,422	11	3,520	121
1965	50	39,332	1,461	11	3,345	131
1966	50	41,192	1,506	11	2,717	122
1967	50	41,985	1,554	12	2,195	114
1968	48	41,471	1,568	8	1,904	70

During 1961-1965 data refer to end-September
and from 1966 onwards data refer to end-June.

Source: Ministry of Education

14.7 SECONDARY EDUCATION: STUDENTS AND TEACHERS BY TYPE OF SCHOOL, 1968

(As at end of June)

Number

Type of School	Students			Teachers		
	Total	Male	Female	Total	Male	Female
<u>Government:</u>						
English	27,889	15,423	12,466	1,202	606	596
Chinese	9,727	5,871	3,856	418	267	151
Malay	-	-	-	-	-	-
Tamil	-	-	-	-	-	-
Integrated	69,302	38,591	30,711	3,378	2,101	1,277
<u>Government-Aided:</u>						
English	19,356	9,321	10,035	725	295	430
Chinese	21,790	10,511	11,279	828	555	273
Malay	-	-	-	-	-	-
Tamil	325	88	237	15	10	5
Integrated	-	-	-	-	-	-
<u>Private:</u>						
English	1,700	926	774	62	33	29
Chinese	204	110	94	8	6	2
Malay	-	-	-	-	-	-
Total	150,293	80,841	69,452	6,636	3,873	2,763

Source: Ministry of Education

14.8 SECONDARY EDUCATION: ENROLMENT BY LEVEL OF EDUCATION AND AGE
ACADEMIC

Males

Age as at 1.1.68	Secondary I	Secondary II	Secondary III	Secondary IV	Pre-University I	Pre-University II	Total
Under 12	43	-	-	-	-	-	43
12 and under 13	8,599	65	6	-	-	-	8,670
13 " " 14	4,379	8,188	104	8	-	-	12,679
14 " " 15	1,197	5,097	6,577	248	8	-	13,127
15 " " 16	196	2,161	5,326	4,134	135	5	11,957
16 " " 17	68	407	2,462	4,659	1,050	98	8,744
17 " " 18	56	138	442	2,982	1,091	818	5,527
18 " " 19	38	101	131	411	515	988	2,184
19 " " 20	14	25	58	138	190	394	819
20 " " 21	5	10	28	23	60	133	259
21 " " 22	-	7	9	6	10	16	48
22 and over	1	1	8	6	2	4	22
Total	14,596	16,200	15,151	12,615	3,061	2,456	64,079

Females

Age as at 1.1.68	Secondary I	Secondary II	Secondary III	Secondary IV	Pre-University I	Pre-University II	Total
Under 12	47	1	-	-	-	-	48
12 and under 13	10,252	124	3	-	-	-	10,379
13 " " 14	4,493	9,157	91	12	1	-	13,754
14 " " 15	905	4,751	7,160	274	8	-	13,098
15 " " 16	95	1,813	5,520	4,239	103	3	11,773
16 " " 17	52	309	2,291	4,989	711	100	8,452
17 " " 18	29	128	344	2,857	693	588	4,639
18 " " 19	24	89	105	401	276	597	1,492
19 " " 20	15	28	58	121	101	241	564
20 " " 21	1	13	13	43	22	54	146
21 " " 22	1	7	8	16	-	16	48
22 and over	2	-	3	5	1	3	14
Total	15,916	16,420	15,596	12,957	1,916	1,602	64,407

Source: Ministry of Education

14.9 SECONDARY EDUCATION: ENROLMENT BY LEVEL OF EDUCATION AND AGE
TECHNICAL, VOCATIONAL AND COMMERCIAL - Males

Age as at 1.1.68	Total	Technical				Vocational			Commercial			
		I	II	III	IV	I	II	III	I	II	III	IV
Under 12	3	3	-	-	-	-	-	-	-	-	-	-
12 and under 13	932	930	2	-	-	-	-	-	-	-	-	-
13 " " 14	2,449	1,648	763	-	-	4	2	-	-	32	-	-
14 " " 15	4,810	789	1,147	365	5	2,419	11	-	-	46	28	-
15 " " 16	4,989	146	577	728	207	1,572	1,667	-	-	22	47	23
16 " " 17	2,655	19	187	565	527	119	1,072	-	-	2	53	111
17 " " 18	1,127	-	26	249	591	8	105	-	-	1	16	131
18 " " 19	315	1	3	27	216	1	15	-	-	-	-	52
19 " " 20	35	-	-	12	21	-	2	-	-	-	-	-
20 and over	4	-	-	1	2	-	1	-	-	-	-	-
Total	17,319	3,536	2,705	1,947	1,569	4,123	2,875	-	-	103	144	317

Source: Ministry of Education

14.10 SECONDARY EDUCATION: ENROLMENT BY LEVEL OF EDUCATION AND AGE
TECHNICAL, VOCATIONAL AND COMMERCIAL - Females

Age as at 1.1.68	Total	Technical				Vocational			Commercial			
		I	II	III	IV	I	II	III	I	II	III	IV
Under 12	-	-	-	-	-	-	-	-	-	-	-	-
12 and under 13	352	352	-	-	-	-	-	-	-	-	-	-
13 " " 14	588	507	36	-	-	5	-	-	-	40	-	-
14 " " 15	1,464	207	84	31	-	1,030	5	-	-	55	52	-
15 " " 16	1,646	20	41	103	3	616	688	-	-	33	103	39
16 " " 17	755	4	12	68	11	23	445	-	-	8	91	93
17 " " 18	244	-	-	21	14	1	44	-	-	-	37	127
18 and over	59	-	-	1	2	-	1	-	-	-	-	55
Total	5,108	1,090	173	224	30	1,675	1,183	-	-	136	283	314

Source: Ministry of Education

14.11 UNIVERSITIES AND COLLEGES - STUDENT ENROLMENT

Year	Number											
	Singapore University		Nanyang University		Polytechnic		Ngee Ann College		Teachers' Training College		Total	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1961	1,328	435	1,525	435	2,677	67	-	-	2,334	1,491	7,864	2,428
1962	1,570	579	1,655	455	2,667	68	-	-	2,356	1,819	8,248	2,921
1963	1,790	643	1,760	564	2,154	105	277	109	2,302	2,434	8,283	3,855
1964	1,885	687	1,676	597	2,199	100	508	180	2,469	2,850	8,737	4,414
1965	2,035	835	1,559	567	2,255	80	634	239	2,804	3,440	9,287	5,161
1966	2,063	949	1,340	511	2,533	109	602	250	2,841	3,143	9,379	4,962
1967	2,227	1,056	1,218	532	2,849	97	296	104	2,401	3,112	8,991	4,901
1968	2,505	1,209	1,345	646	3,182	161	290	66	1,832	2,340	9,154	4,422

Source: Ministry of Education

14.12 UNIVERSITIES AND COLLEGES: STUDENTS ADMITTED AND GRADUATED

Number

	Admitted				Graduated			
	1965	1966	1967	1968	1965	1966	1967	1968
Universities:								
Arts	404	447	624	736	330	311	309	350
Science	511	477	586	667	298	391	447	446
Law	145	91	91	230	58	76	67	45
Medicine	125	131	125	112	99	106	135	116
Dentistry	44	41	33	44	22	28	34	34
Pharmacy	53	39	32	75	35	43	61	25
Education	29	25	40	62	36	29	30	56
Commerce	171	136	174	202	121	154	166	103
Total	1,482	1,387	1,705	2,128	999	1,138	1,249	1,175
Polytechnic:								
Engineering	519	478	527	646	162	185	157	205
Architectural Building	216	231	184	254	40	55	72	98
Accounting	68	112	155	171	52	52	76	75
Nautical	20	53	30	66	26	30	30	30
Total	823	874	896	1,137	280	322	335	408
Colleges:								
Ngee Ann	314	200	(1)	116	(1)	184	134	126
Teachers' Training	2,231	1,648	1,652	905	1,388	2,170	1,844	2,297
Total	2,545	1,848	1,652	1,021	1,388	2,354	1,978	2,423
Total - Universities & Colleges	4,850	4,109	4,253	4,286	2,667	3,814	3,562	4,006

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

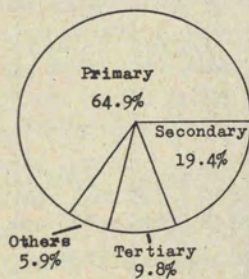
14.13 LEMBAGA GERAKAN PELAJARAN DEWASA (ADULT EDUCATION BOARD): STUDENT ENROLMENT

	Number							
	1961	1962	1963	1964	1965	1966	1967	1968
1. Literacy and Language Classes	11,749	12,670	20,491	27,297	33,936	28,975	34,571	30,389
2. Special Language Classes	-	850	120	437	463	1,043	742	535
3. Foreign Language Classes	-	-	553	741	1,954	3,864	1,922	1,485
4. General Education Classes	4,837	6,191	7,916	9,941	12,671	16,082	16,270	16,627
5. Special Subject Classes	-	1,101	3,336	5,250	7,585	10,173	12,958	12,127
6. Commercial Classes	-	534	1,538	1,308	1,149	1,081	1,761	2,409
7. Vocational Classes	-	2,471	3,593	5,470	4,739	6,011	4,332	5,400
8. Recreational Courses	450	1,742	1,613	1,690	1,947	3,571	4,284	4,737
Total	17,036	25,559	39,160	52,134	64,444	70,800	76,840	73,709

Source: Adult Education Board.

ALLOCATION OF GOVERNMENT EXPENDITURE ON EDUCATION

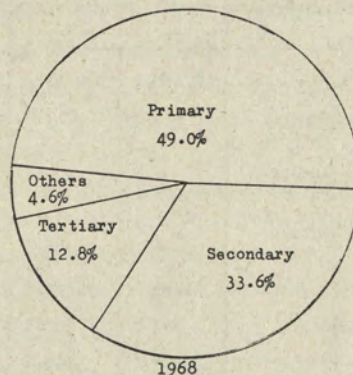
\$67.6 Mil.



1961

1961		1968
\$ Mil.		\$ Mil.
43.9	- Primary -	71.8
13.1	- Secondary -	49.3
6.6	- Tertiary -	18.8
4.0	- Others -	6.8
67.6		146.7

\$146.7 Mil.



1968

14.14 ALLOCATION OF GOVERNMENT EXPENDITURE ON EDUCATION

\$ Thousand

	1961	1962	1963	1964	1965	1966	1967	1968
Primary	43,907.8	50,834.6	58,581.2	61,337.0	65,143.6	66,579.0	68,282.6	71,809.3
Secondary	12,466.1	14,751.2	17,206.0	21,211.7	24,923.5	31,386.9	37,669.6	45,029.0
Technical/Vocational	570.8	717.0	1,508.7	2,176.2	2,822.2	3,648.2	4,486.9	4,309.5
Tertiary:								
Singapore University/ Nanyang University	3,688.6	8,935.0	8,743.4	9,569.0	10,337.0	11,410.9	11,985.8	13,150.8
Teachers' Training College	1,199.9	1,317.9	1,532.8	1,629.9	1,998.9	2,044.3	1,978.8	2,176.2
Singapore Polytechnic	1,795.5	1,595.4	2,000.2	1,851.7	2,400.0	2,700.0	3,840.0	3,500.0
Adult Education	662.0	500.0	853.2	1,200.0	1,635.0	2,080.4	2,101.8	2,000.0
Others	3,359.1	3,656.3	4,218.2	4,382.1	3,545.3	4,226.0	4,695.1	4,780.9
Total	67,649.8	82,307.4	94,643.7	103,357.6	112,805.5	124,075.7	135,040.6	146,755.7

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.

Hospital 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 most of the functions of the Singapore Family Planning Association which is 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 Service

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 major causes of death are available in greater detail according to the Six International Revised Classification of Causes of Death but have been regrouped by broad groups of diseases.

15.1. HOSPITALS, GOVERNMENT CLINICS AND DISPENSARIES

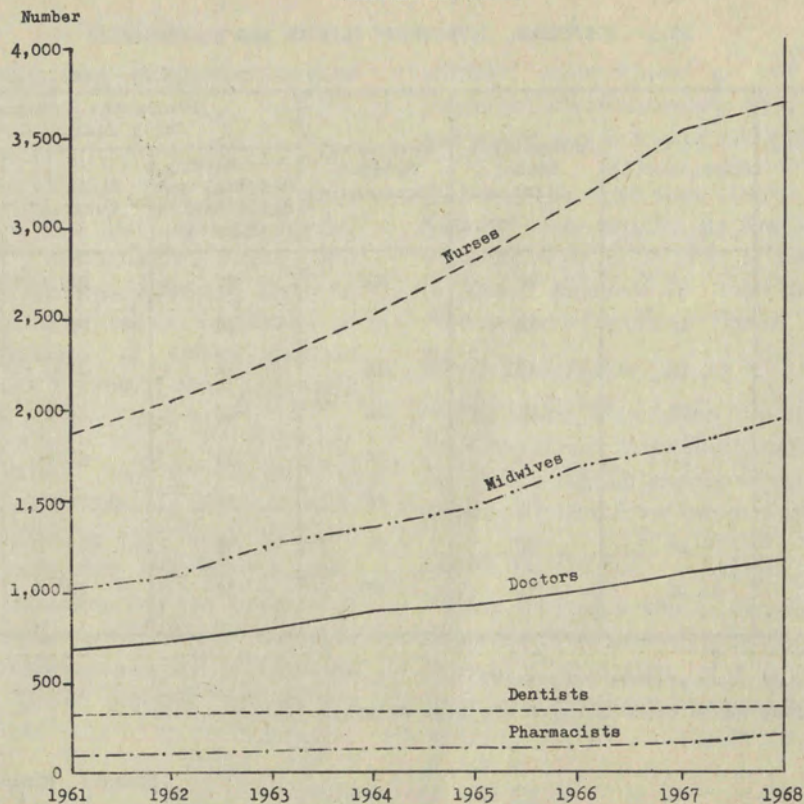
Year	Hospitals(1)	Government Dental Clinics	Government Outdoor Dispensaries	Government Maternal and Child Health Clinics		
				Main Maternal and Child Health Clinics	Visiting Centres	Midwives Clinics
1951	16	28	20	27	22	7
1962	16	34	21	28	22	7
1963	16	45	24	34	22	7
1964	16	51	26	34	22	7
1965	16	59	26	34	22	8
1966	16	62	26	32	20	10
1967	16	68	26	32	19	3
1968	16	71	27	32	20 ⁽²⁾	3

(1) Include five private hospitals.

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

Source: Ministry of Health.

MEDICAL PERSONNEL



15.2 REGISTRATION OF MEDICAL PERSONNEL

Medical Personnel	Number															
	1961		1962		1963		1964		1965		1966		1967		1968	
	Govern- ment	Private	Govern- ment	Private	Govern- ment	Private	Govern- ment	Private	Govern- ment	Private	Govern- ment	Private	Govern- ment	Private	Govern- ment	Private
Doctors	308	359	332	390	404	394	426	463	450	469	454	535	510	589	502	657
Dentists	55	267	57	268	62	268	69	265	75	267	83	261	95	271	90	269
Nurses	1,447	435	1,460	583	1,594	676	1,831	690	2,109	698	2,309	822	2,527	981	2,591	1,079
Midwives	658	367	678	406	788	469	821	536	928	537	1,117	559	1,207	571	1,427	504
Pharmacists ..	29	70	29	72	29	71	32	73	37	89	41	107	46	124	46	160

Source: Ministry of Health

15.3 HOSPITAL BEDS IN GOVERNMENT HOSPITALS

								Number	
		1961	1962	1963	1964	1965	1966	1967	1968
General Hospital		1,231	1,231	1,231	1,132	1,278	1,278	1,314	1,328
Thomson Road Hospital ..		396	396	396	396	396	396	396	396
Kandang Kerbau Hospital (Maternity and Gynaecology) ..		438	443	443	443	443	443	554	544
Tan Tock Seng Hospital (Tuberculosis)		1,234	1,250	1,320	1,320	1,320	1,324	1,324	1,324
Middle Road Hospital (Venereal Diseases)		61	60	61	61	61	61	63	63
Middleton Hospital (Infectious Diseases) ..		250	250	250	250	250	250	250	250
Trafalgar Home (Leprosy) ..		1,023	1,023	1,023	965	965	965	965	965
Woodbridge Hospital (Mental Illnesses)		1,869	1,869	1,869	1,869	1,869	1,869	1,869	1,869
Mental Defective Hospital ..		46	46	44	45	45	45	45	45
Chronic Sick Hospital ..		35	35	70	70	70	100	100	100
St. Andrew's Orthopaedic Hospital		120	120	120	120	120	120	120	120
Total		6,703	6,723	6,827	6,671	6,817	6,851	6,990	7,004

Source: Ministry of Health.

15.4 ADMISSIONS IN GOVERNMENT HOSPITALS

Hospitals	Patient Days							
	1961	1962	1963	1964	1965	1966	1967	1968
General Hospital	376,766	383,559	378,862	383,559	390,422	390,502	394,621	406,711
Thomson Road Hospital	42,705	54,203	54,203	52,704	61,320	75,553	83,192	82,151
Kandang Kerbau Hospital (Maternity & Gynaecology)	131,400	145,635	114,900	162,435	186,103	183,945	190,584	164,888
Tan Tock Seng Hospital (Tuberculosis)	403,475	405,025	404,135	403,623	418,291	405,866	379,254	372,771
Middle Road Hospital (Venereal Diseases)	12,045	12,045	10,766	9,946	12,439	13,884	14,582	16,476
Middleton Hospital (Infectious Diseases)	58,546	60,955	56,004	46,440	56,840	48,176	46,962	41,917
Trafalgar Home	256,230	250,145	229,950	218,270	290,145	184,325	174,470	171,520
Woodbridge Hospital (Mental)	790,094	967,691	1,056,766	1,268,759	1,379,478	1,471,173	1,426,979	916,515
Mental Defective Hospital	16,535	15,851	15,620	16,470	15,470	16,425	15,809	15,695
Chronic Sick Hospital	8,928	15,859	25,550	24,976	23,441	32,634	35,374	33,223
St. Andrew's Orthopaedic Hospital	38,803	35,105	32,289	35,220	32,111	29,801	30,858	22,735

Source: Ministry of Health.

15.5 ADMISSIONS OF MAJOR INFECTIOUS DISEASES: GOVERNMENT HOSPITALS

	Number Admitted							
	1961	1962	1963	1964	1965	1966	1967	1968
Dysentery	581	622	644	687	522	537	381	435
Chicken Pox	975	1,249	1,221	701	1,385	360	970	863
Diphtheria	587	353	394	204	226	214	207	54
Measles	318	403	315	283	184	387	160	460
Mumps	47	42	50	29	22	11	80	80
Poliomyelitis	48	12	66	12	40	10	3	4
Typhoid	155	103	169	120	271	113	81	109
Whooping Cough	23	37	9	14	6	26	5	6

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
1961	108,640	115,764	24,935	11,442	260,781
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

Source: Ministry of Health.

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

	Number							
	1961	1962	1963	1964	1965	1966	1967	1968
Ante-natal visits to Clinics	140,013	151,308	120,627	141,473	161,049	154,195	128,228	130,001
Post-natal visits to Clinics (1)	4,574	4,261	4,397	7,958	10,258	6,531	7,906	9,432
Confinements attended to by Government Midwives ..	7,572	5,925	2,529	6,336	5,559	3,937	2,175	1,601
Deliveries at Kangas Kerbau Maternity Hospital ..	36,411	37,670	39,318	39,378	38,711	39,851	38,252	36,427
Visits by Midwives in the Puerperium (2)	153,279	147,872	155,183	158,009	159,974	155,912	143,633	138,939

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

(2) Includes visits for cases in both the Domiciliary service and the Domiciliary after-care service.

Source: Ministry of Health.

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

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

Source: Ministry of Health.

15.9 SCHOOL HEALTH: MEDICAL EXAMINATIONS

								Number			
				1961	1962	1963	1964	1965	1966	1967	1968
New Entrants	..	..		38,860	51,904	48,567	50,936	55,800	58,089	54,726	51,942
Primary Leavers	..	..	}	30,958	35,695	36,201	40,920	48,626	49,766	51,448	55,158
Secondary Leavers..	..	..				9,273	6,633	9,956	16,244	16,849	22,676
Re-examination	..	..		18,398	21,535	19,190	16,275	20,955	23,119	18,848	20,587
Others	..	..	..	5,186	13,985	5,252	7,202	9,216	5,288	4,239	5,836
Total	..	..	..	93,402	132,392	115,843	125,289	150,841	153,111	151,937	157,925
Boys	..	..	..	44,695	61,489	63,402	63,235	73,124	70,717	74,094	75,812
Girls	..	..	..	48,707	70,903	52,441	62,054	77,717	82,394	77,843	82,113

Source: Ministry of Health.

15.10 SCHOOL MEDICAL EXAMINATION: PERCENTAGE OF INCIDENCE BOYS

	Percentage							
	1961	1962	1963	1964	1965	1966	1967	1968
Incidence of :-								
Dental caries	47.38	47.24	40.59	35.85	32.32	30.66	27.01	32.34
Skin infection	3.33	4.36	3.70	4.11	3.46	4.22	3.61	5.72
Eyes: Infection	.49	.73	.91	1.51	.90	.99	.74	.44
Defective vision ..	5.52	6.52	5.72	6.38	6.81	9.09	8.65	7.34
E.N.T. Enlarged tonsils ..	.43	.15	.52	.16	.15	.35	.08	.05
Ear infections ..	.28	.34	.39	.47	.22	.13	.08	.06
Cardiac disease	.24	.27	.65	.77	.73	.29	.99	1.23
Respiratory infection ..	.75	.96	1.53	1.31	.76	.45	.32	.44
Genito - Urinary	2.05	2.86	6.10	6.17	5.90	4.65	3.34	5.01
Anaemia (under 60% HG)	.55	.33	.46	.12	.09	.16	.13	.65
Worm infestation	3.46	1.34	.76	4.16	.70	5.56	1.93	4.11
Other abnormalities incl. postural defects, cleft palate, chest deformities	.42	1.36	2.27	2.49	1.32	2.02	1.45	1.90
Children examined (number)	44,695	61,489	63,402	63,235	73,124	70,717	74,094	75,812

Source: Ministry of Health.

15.11 SCHOOL MEDICAL EXAMINATION: PERCENTAGE OF INCIDENCE: GIRLS

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

Source: Ministry of Health.

15.12 FAMILY PLANNING CLINIC ATTENDANCES

Year	New Patients	Re-Visits	Total Attendances
1961	8,070	35,654	43,724
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	30,410	66,886	97,296
1967	30,935	169,716	200,651
1968	35,338	272,879	308,217

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

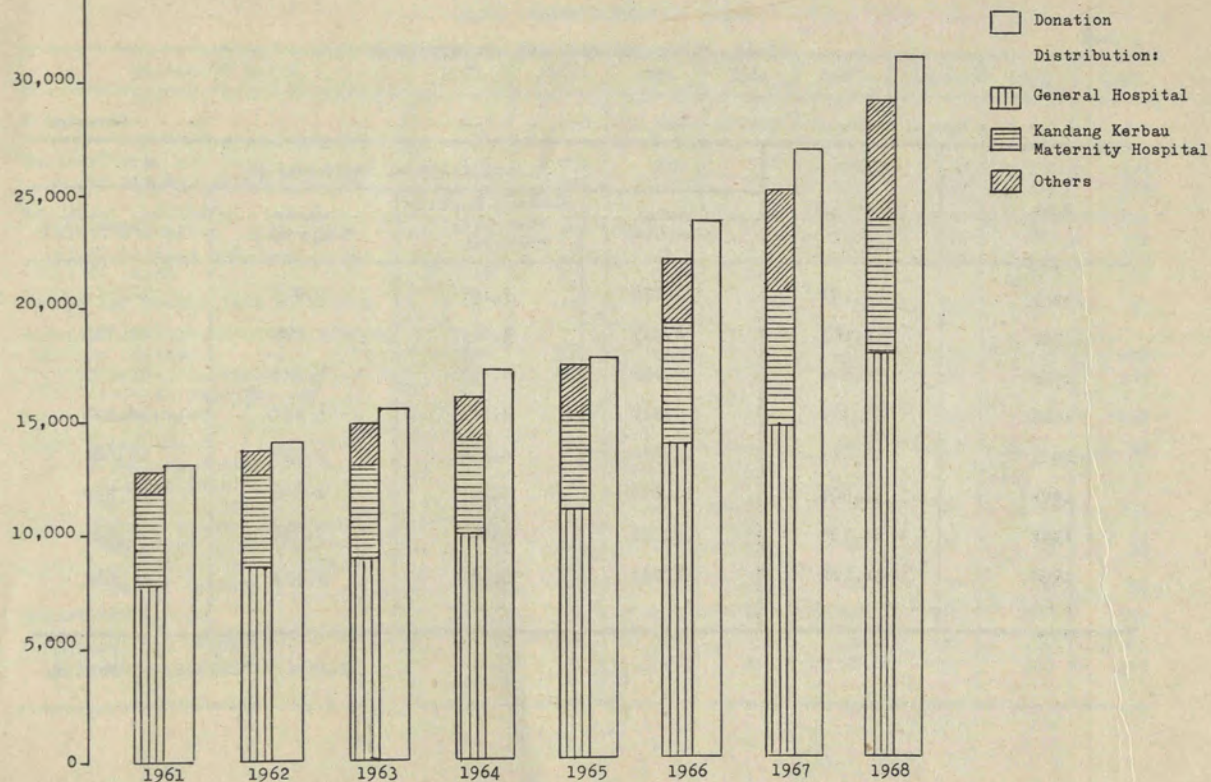
15.13 X-RAYS AND TUBERCULOSIS TREATMENT

Year	Number					
	New T.B. Cases Admitted for Treatment		T.B. Patients under Active Treatment (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.
1961	1,717	3,613	3,206	3,613	148,395	80,660
1962	1,552	3,231	3,346	3,231	168,516	87,610
1963	1,288	3,006	3,047	3,045	163,566	81,847
1964	1,140	2,665	2,771	2,973	136,362	79,321
1965	1,093	2,894	2,407	3,228	129,755	79,419
1966	953	2,429	2,077	2,927	130,001	72,698
1967	834	2,719	1,958	3,082	125,483	74,571
1968	796	2,764	1,868	3,717	126,752	73,771

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

Persons
35,000

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
1961	13,189	7,718	4,180	1,015	12,913
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	25,343
1968	31,128	18,023	6,160	5,323	29,506

Source: Ministry of Health.

15.15 MAJOR CAUSES OF DEATH

Causes of Death	Number							
	1961	1962	1963	1964	1965	1966	1967	1968
All Causes	10,116	10,250	10,214	10,510	10,381	10,552	10,617	11,050
Tuberculosis, all forms ..	647	654	669	710	647	576	551	496
- of the respiratory system	612	626	647	685	621	555	528	474
Malignant neoplasms:	1,122	1,206	1,313	1,332	1,386	1,354	1,512	1,521
(i) of stomach	281	277	281	280	254	242	289	259
(ii) of brochus and lung ..	138	161	202	188	202	206	229	255
(iii) of liver	135	151	174	157	194	203	204	187
Benign and unspecified neoplasms	41	48	46	34	52	35	27	53
Vascular lesions affecting central nervous system:	526	562	641	647	701	765	866	608
(i) cerebral haemorrhage ..	376	405	437	407	440	488	622	367
(ii) cerebral embolism and thrombosis	117	114	142	186	155	152	142	133
Heart diseases:	761	886	951	1,005	1,062	1,150	1,200	1,220
(i) Arteriosclerotic heart disease including coronary disease ..	283	381	399	502	529	598	605	701
(ii) Chronic endocarditis not specified as rheumatic..	41	23	32	26	40	31	14	35
(iii) Diseases of valves specified as rheumatic ..	55	66	58	47	46	40	50	58
Hypertension	223	235	229	249	287	274	268	650
Pneumonia, all forms:	816	830	749	716	738	809	737	761
- Broncho pneumonia	574	587	547	496	521	591	549	555

15.15 MAJOR CAUSES OF DEATH (continued)

Causes of Death	Number							
	1961	1962	1963	1964	1965	1966	1967	1968
Bronchitis, all forms: ..	114	129	135	169	169	153	161	290
- Chronic bronchitis ..	86	94	100	132	142	129	136	239
Gastro-enteritis and colitis, except diarrhoea of the new-born:	389	340	248	175	168	193	174	124
- Ages between 4 weeks and 2 years	292	248	176	111	93	125	116	62
Cirrhosis of liver	93	113	107	96	120	103	102	122
Nephritis, all forms:	188	174	181	168	138	130	151	133
- Chronic nephritis	131	106	109	115	94	72	74	54
Intracranial and spinal injury at birth	145	72	155	165	111	74	73	49
Postnatal asphyxia and atelectasis	232	154	122	234	263	303	267	133
Pneumonia of new-born	129	154	181	161	124	135	161	130
Motor vehicle accidents ..	185	170	201	212	237	260	223	295
Accidental drowning and submersion	78	91	79	99	86	104	103	89
Suicide, all forms:	144	139	155	147	146	193	186	223
(i) hanging and strangulation	80	54	71	67	60	72	73	86
(ii) jumping from high places	15	34	36	30	36	67	63	85

16. CULTURE

Radio and Television broadcast

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

Radio Singapura operates both on medium and short-wave bands and Suara Singapore on short wave. Television services were first introduced in Singapore in 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 premise 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 main library in the city, there are two branch libraries. The library also operates mobile library services which visit the various Community Centres regularly.

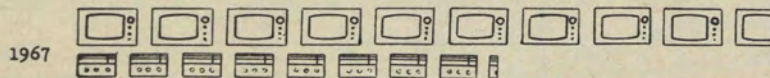
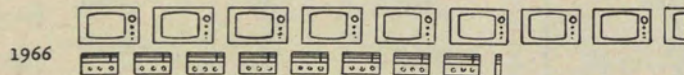
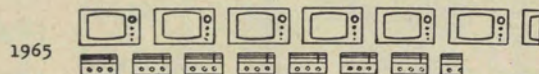
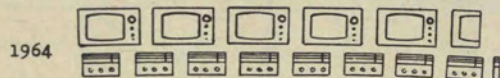
The Library maintains, in addition to the normal stock of books, manuscripts and collections of

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 LICENSES

Radio and
Television  = 10,000

Radio  = 10,000



16.1 NUMBER OF RADIO, TELEVISION LICENCES AND REDIFFUSION SUBSCRIBERS

Year	Number		
	Radio	Radio and Television	Rediffusion (as at 31st December)
	Licences Issued		Subscribers
1961	98,439	-	51,877
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

Source: Inland Revenue Department
Rediffusion (S) Ltd.

16.2 T.V. AND RADIO: HOURS OF TRANSMISSION PER WEEK

Hours

Year	Television	Radio				
		National Language	Chinese	Indian	English	Total
1961	-	70½	115¾	49	112½	347¾
1962	-	70½	115¾	49	112½	347¾
1963	63½	70½	115¾	49	112½	347¾
1964	63½	126	147	105	126	504
1965	70½	116	137	99	114	466
1966	70½	116	137	99	114	466
1967	73½	116	137	99	114	466
1968	88	133	169	122	126	550

Source: Department of Broadcasting.

16.3 CINEMAS

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

Source: Customs & Excise Department.

16.4 VOLUME OF BOOKS AVAILABLE AT THE NATIONAL LIBRARY

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

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