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YEARBOOK OF STATISTICS SINGAPORE 1983/84

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CHIEF STATISTICIAN
DEPARTMENT OF STATISTICS
SINGAPORE

- 7 JUL 1984

Head
Printers and Publishers
Aot Section

PREFACE

The Yearbook of Statistics, Singapore, 1983/84 is the seventeenth edition. The Yearbook gathers together, in a concise and convenient form, important statistical series available on the demographic, economic and social characteristics of Singapore. The contents of this Yearbook have been revised to keep abreast of the latest developments in Singapore. Some general information relating to the services provided by the public sector has also been included.

The Department of Statistics also publishes the Singapore Statistical Charts, 1983/84 which highlights various socio-economic trends in Singapore in colour graphs and charts. This Yearbook together with the Singapore Statistical Charts should provide the necessary statistical reference on Singapore.

The Yearbook is prepared and edited mainly by the staff of the Publication Section of the Department of Statistics. Most of the data are compiled from series kept by the Department of Statistics and other government departments and statutory bodies. The Department of Statistics gratefully acknowledges the co-operation and assistance of the organizations who have provided data for publication in this Yearbook.

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NOTATIONS

*	preliminary
..	not available
nec	not elsewhere classified
nes	not elsewhere specified
nie	not included elsewhere

UNIT OF MEASUREMENT

Ton	=	long ton of 2,240 lb
Tonne	=	metric ton = 2,204.6 lb
kl	=	kilolitre = 219.976 gal

NOTE

Figures may not add up to the total due to rounding

ECONOMIC INDICATORS

Year	National Income									Industrial Production ¹	
	Gross National Product	Per Capita Indigenous Gross National Product	Gross National Saving	Gross Domestic Capital Formation	Gross Domestic Product	Gross Domestic Fixed Capital Formation	Consumption Expenditure			Output	Index of Production (1983=100)
							Total	Public	Private		
	At Current Market Prices				At 1968 Market Prices						
	\$ Million	\$	\$ Million								
1973	9,981.2	3,849	2,725.0	4,000.0	7,941.3	2,614.5	6,040.1	940.1	5,100.0	8,705.6	51.9
1974	12,192.6	4,491	3,102.4	5,592.0	8,445.2	2,884.1	6,377.2	941.1	5,436.1	14,237.0	54.0
1975	13,496.5	4,889	3,850.9	5,236.1	8,790.3	2,766.3	6,566.1	966.9	5,599.2	13,197.4	53.5
1976	14,493.9	5,231	4,441.2	5,843.0	9,447.4	2,908.6	6,911.2	1,015.3	5,895.9	16,175.0	59.9
1977	15,781.6	5,712	4,904.4	5,624.2	10,193.2	2,952.2	7,329.1	1,108.9	6,220.2	18,293.5	65.5
1978	17,707.6	5,968	5,649.0	6,678.0	11,074.0	3,333.0	7,872.6	1,236.5	6,636.1	20,492.3	73.1
1979	20,373.4	6,511	6,946.6	8,546.7	12,114.1	3,740.9	8,320.2	1,218.7	7,101.5	26,331.0	84.2
1980	23,312.9	7,424	7,641.8	10,991.1	13,366.5	4,494.1	8,988.4	1,337.9	7,650.5	32,805.8	94.5
1981	27,699.1	9,049	9,859.6	12,780.1	14,695.2	5,204.0	9,582.2	1,408.4	8,173.8	37,694.0	103.7
1982	31,046.5	10,103	11,643.7	14,425.5	15,627.5	6,415.8	10,174.0	1,558.9	8,615.1	37,141.1	98.0
1983*	34,485.9	11,031	13,846.0	15,865.9	16,869.0	6,912.5	10,885.2	1,720.1	9,165.1	35,408.7	100.0

¹ Establishments engaging 10 or more workers.

GROWTH RATES IN ECONOMIC INDICATORS

Per Cent

Year	National Income									Industrial Production	
	Gross National Product	Per Capita Indigenous Gross National Product	Gross National Saving	Gross Domestic Capital Formation	Gross Domestic Product	Gross Domestic Fixed Capital Formation	Consumption Expenditure			Output	Index of Production (1983=100)
							Total	Public	Private		
At Current Market Prices					At 1968 Market Prices						
1973	22.7	20.1	38.9	19.2	11.5	8.4	7.6	5.5	8.0	42.1	16.8
1974	22.2	16.7	13.8	39.8	6.3	10.3	5.6	0.1	6.6	63.5	4.1
1975	10.7	8.9	24.1	-6.4	4.1	-4.1	3.0	2.7	3.0	-7.3	-0.9
1976	7.4	7.0	15.3	11.6	7.5	5.1	5.3	5.0	5.3	22.6	12.0
1977	8.9	9.2	10.4	-3.7	7.9	1.5	6.0	9.2	5.5	13.1	9.3
1978	12.2	4.5	15.2	18.7	8.6	12.9	7.4	11.5	6.7	12.0	11.6
1979	15.1	9.1	23.0	28.0	9.4	12.2	5.7	-1.4	7.0	28.5	15.1
1980	14.4	14.0	10.0	28.6	10.3	20.1	8.0	9.8	7.7	24.6	12.3
1981	18.8	21.9	29.0	16.3	9.9	15.8	6.6	5.3	6.8	14.9	9.8
1982	12.1	11.6	18.1	12.9	6.3	23.3	6.2	10.7	5.4	-1.5	-5.5
1983*	11.1	9.2	18.9	10.0	7.9	7.7	7.0	10.3	6.4	-4.7	2.1

ECONOMIC INDICATORS (continued)

Year	Building and Construction			Utilities			External Trade				
	Floor Area of			Electricity Production	Gas Production	Water Consumption	Total	Imports	Exports		
	Buildings Commenced	Buildings Under Con- struction	Buildings Completed						Total Exports	Domestic Exports	Re-exports
	Thousand Square Metres			Million Kilowatt Hours		Million Cubic Metres	\$ Million				
1973	4,183	7,939	3,505	3,719.4	344.7	174.9	21,419.7	12,512.9	8,906.8	4,412.2	4,494.6
1974	4,649	8,674	3,913	3,864.3	391.1	176.5	34,559.5	20,404.9	14,154.6	8,413.6	5,741.0
1975	6,952	10,591	5,035	4,176.0	432.4	192.7	32,028.3	19,270.4	12,757.9	7,540.4	5,217.5
1976	5,359	10,721	5,228	4,604.9	457.1	199.5	38,670.4	22,404.5	16,265.9	9,362.4	6,903.5
1977	5,503	11,043	5,182	5,114.7	487.5	211.8	45,612.2	25,521.9	20,090.3	11,651.8	8,438.5
1978	4,820	10,132	5,732	5,898.0	539.0	225.6	52,586.8	29,601.3	22,985.5	13,226.2	9,759.3
1979	5,338	10,930	4,541	6,447.9	597.1	239.5	69,274.5	38,334.4	30,940.1	18,200.4	12,739.7
1980	5,584	11,822	4,693	6,940.4	614.1	258.1	92,797.1	51,344.8	41,452.3	25,805.2	15,647.1
1981	9,748	17,206	4,362	7,442.0	625.6	278.2	102,538.8	58,248.0	44,290.8	29,452.0	14,838.8
1982	13,611	25,268	5,551	7,859.6	624.8	290.0	104,717.4	60,244.6	44,472.8	29,157.8	15,315.0
1983	11,116	27,786	8,598	8,625.9	605.4	309.0	105,659.1	59,504.2	46,154.9	29,206.4	16,948.5

GROWTH RATES IN ECONOMIC INDICATORS (continued)

Per Cent

Year	Building and Construction			Utilities			External Trade				
	Floor Area of			Electricity Production	Gas Production	Water Consumption	Total	Imports	Exports		
	Buildings Commenced	Buildings Under Con- struction	Buildings Completed						Total Exports	Domestic Exports	Re-exports
1973	-2.2	9.3	15.0	18.3	7.4	-0.3	36.5	31.2	44.8	42.3	47.4
1974	11.1	9.3	11.6	3.9	13.5	0.9	61.3	63.1	58.9	90.7	27.7
1975	49.5	22.1	28.7	8.1	10.6	9.2	-7.3	-5.6	-9.9	-10.4	-9.1
1976	-22.9	1.2	3.8	10.3	5.7	3.5	20.7	16.3	27.5	24.2	32.3
1977	2.7	3.0	-0.9	11.1	6.7	6.2	18.0	13.9	23.5	24.5	22.2
1978	-12.4	-8.2	10.6	15.3	10.6	6.5	15.3	16.0	14.4	13.5	15.7
1979	10.7	7.9	-20.8	9.3	10.8	6.2	31.7	29.5	34.6	37.6	30.5
1980	4.6	8.2	3.3	7.6	2.8	7.8	34.0	33.9	34.0	41.8	22.8
1981	74.6	45.5	-7.1	7.2	1.9	7.8	10.5	13.4	6.8	14.1	-5.2
1982	39.6	46.9	27.3	5.6	-0.1	4.2	2.1	3.4	0.4	-1.0	3.2
1983	-18.3	10.0	54.9	9.8	-3.1	6.6	0.9	-1.2	3.8	0.2	10.7

ECONOMIC INDICATORS (continued)

Year	Transport and Telecommunication								Balance of Payments		
	Seaborne Cargo Handled			Airborne Cargo Handled			Outgoing Telex Calls	International Telephone Calls ²	Current Account Balance	Capital Account Balance ³	Overall Balance
	Total	Loaded	Discharged	Total	Loaded	Discharged					
	Thousand Freight Tonnes			Tonnes			Thousand		\$ Million		
1973	61,268.9	22,702.0	38,566.9	41,570	22,717	18,853	572	577	-1,275.0	2,280.2	1,005.2
1974	60,452.5	22,738.9	37,713.6	58,129	34,286	23,843	975	707	-2,489.6	3,208.0	718.4
1975	52,099.2	19,067.2	33,032.0	66,087	39,811	26,276	1,662	843	-1,385.2	2,351.6	966.4
1976	57,976.5	20,273.4	37,703.1	76,612	45,181	31,431	2,330	1,077	-1,401.8	2,139.2	737.4
1977	64,118.6	24,284.8	39,833.8	88,503	53,142	35,361	3,056	1,301	-719.8	1,483.1	763.3
1978	73,339.2	28,506.7	44,832.5	123,093	64,359	58,734	3,977	1,760	-1,029.0	2,540.5	1,511.5
1979	79,812.8	31,388.4	48,424.4	158,087	79,786	78,301	5,385	2,490	-1,600.1	2,723.1	1,137.3
1980	80,962.5	32,412.5	48,550.0	181,775	91,062	90,713	7,354	3,535	-3,349.3	4,768.6	1,433.8
1981	87,343.8	33,745.1	53,598.7	197,103	96,172	100,931	9,563	5,058	-2,920.5	4,841.3	1,938.4
1982	95,660.9	35,665.0	59,995.9	222,304	101,589	120,715	12,043	7,091	-2,781.8	5,299.3	2,517.5
1983	100,126.5	36,277.6	63,848.9	260,925	116,203	144,722	13,893	9,673	-2,019.9*	4,257.6*	2,237.7*

² Exclude calls to Peninsular Malaysia.

³ Include balancing item.

GROWTH RATES IN ECONOMIC INDICATORS (continued)

Per Cent

Year	Transport and Telecommunication								Balance of Payments		
	Seaborne Cargo Handled			Airborne Cargo Handled			Outgoing Telex Calls	International Telephone Calls	Current Account Balance	Capital Account Balance	Overall Balance
	Total	Loaded	Discharged	Total	Loaded	Discharged					
1973	7.4	6.0	8.2	36.2	30.3	43.9	60.7	33.9	8.4	-2.4	6.4
1974	-1.3	0.2	-2.2	39.8	50.9	26.5	70.5	22.5	-95.3	40.7	-28.5
1975	-13.8	-16.1	-12.4	13.7	16.1	10.2	70.5	19.2	44.4	-26.7	34.5
1976	11.3	6.3	14.1	15.9	13.5	19.6	40.2	27.8	-1.2	-9.0	-23.7
1977	10.6	19.8	5.7	15.5	17.6	12.5	31.2	20.8	48.7	-30.7	3.5
1978	14.4	17.4	12.5	39.1	21.1	66.1	30.1	35.3	-43.0	71.3	98.0
1979	8.8	10.1	8.0	28.4	24.0	33.3	35.4	41.5	-55.5	7.2	-24.8
1980	1.4	3.3	0.3	15.0	14.1	15.9	36.6	42.0	-109.3	75.1	26.1
1981	7.9	4.1	10.4	8.4	5.6	11.3	33.0	43.1	12.8	1.5	35.2
1982	9.5	5.7	11.9	12.8	5.6	19.6	25.9	40.2	4.7	10.9	29.9
1983	4.7	1.7	6.4	17.4	14.4	19.9	15.4	36.4	27.4*	-19.7*	-11.1*

ECONOMIC INDICATORS (continued)

Year	Money Supply (Ml)	Official Foreign Reserves		Commercial Banks					Asian Cur- rency Units	Merchant Banks	Discount Houses
		Total	Ratio to Merchandise Imports	Total Assets/ Liabilities	Deposits of Non-bank Customers	Advances to Non-bank Customers ⁴	Prime Lending Rate	12 Months ¹ Deposit Rate	Total Assets/Liabilities		
		\$ Million	Months	\$ Million			Per Cent	Per Annum	US\$ Million	\$ Million	
1973	2,632.7	5,800.1	5.56	10,719.3	5,799.8	6,271.2	9.00	7.25	6,277.2	..	370.3
1974	2,858.8	6,502.9	3.82	12,404.8	6,585.8	6,930.4	10.25	9.00	10,357.3	1,422.3	436.0
1975	3,472.2	7,486.0	4.66	14,416.6	7,606.0	7,829.3	7.08	5.79	12,597.4	1,839.7	493.7
1976	4,000.0	8,261.5	4.42	16,526.8	8,488.5	8,894.2	6.78	5.31	17,354.1	2,656.7	552.7
1977	4,412.1	9,022.9	4.24	18,238.0	8,969.5	10,183.0	7.02	5.53	21,018.3	2,463.9	618.5
1978	4,925.9	11,473.8	4.65	21,218.3	10,045.7	12,226.4	7.65	6.01	27,040.1	3,746.7	684.7
1979	5,706.1	12,562.4	3.93	26,747.8	12,178.4	16,007.0	9.48	7.65	38,162.7	8,378.4	763.6
1980	6,134.7	13,757.7	3.22	33,316.1	16,035.0	20,206.8	13.60	10.55	54,392.6	13,299.6	949.5
1981	7,242.1	15,491.1	3.19	44,630.7	20,007.9	25,229.1	11.83	8.95	85,775.2	19,279.7	1,603.8
1982	8,156.8	17,917.9	3.57	48,537.2	23,408.7	29,442.9	9.33	7.08	103,295.7	22,020.4	2,050.5
1983	8,607.7	19,755.3	3.98	56,537.8	26,265.5	34,045.8	8.98	6.75	111,860.9	23,625.0	2,248.2

⁴ Include bills financing.

GROWTH RATES IN ECONOMIC INDICATORS (continued)

Per Cent

Year	Money Supply (Ml)	Official Foreign Reserves	Commercial Banks					Asian Cur- rency Units	Merchant Banks	Discount Houses
			Total Assets/ Liabilities	Deposits of Non-bank Customers	Advances to Non-bank Customers	Prime Lending Rate	12 Months' Deposit Rate			
1973	10.4	17.7	30.9	22.4	46.1	20.0	26.1	110.9	..	192.5
1974	8.6	12.1	15.7	13.6	10.5	13.9	24.1	65.0	..	17.7
1975	21.5	15.1	16.2	15.5	13.0	-30.9	-35.7	21.6	29.3	13.2
1976	15.2	10.3	14.6	11.6	13.6	-4.2	-8.3	37.8	44.4	12.0
1977	10.3	9.2	10.4	5.7	14.5	3.5	4.1	21.1	-7.3	11.9
1978	11.6	27.2	16.3	12.0	20.1	9.0	8.7	28.7	52.1	10.7
1979	15.8	9.5	26.1	21.2	30.9	23.9	27.3	41.1	123.6	11.5
1980	7.5	9.5	24.6	31.7	26.2	43.5	37.9	42.5	58.7	24.3
1981	18.1	12.6	34.0	24.8	24.9	-13.0	-15.2	57.7	45.0	68.9
1982	12.6	15.7	8.8	17.0	16.7	-21.1	-20.9	20.4	14.2	27.9
1983	5.5	10.3	16.5	12.2	15.6	-3.8	-4.7	8.3	7.3	9.6

ECONOMIC INDICATORS (continued)

Year	Finance Companies			POSB	CPF	Stock Exchange		Insurance Companies			
	Deposits from Individuals and Institutions	Loans For		Amount Due To		Turnover of Stocks and Shares		Life Insurance		General Insurance	
		Hire Purchase of Motor Vehicles	Housing	Account Holders	Members	Value	Volume	Policies in Force		Net Premiums ⁵	Net Claims ⁶
								Number	Amount Insured		
\$ Million						Million Units	Number	\$ Million			
1973	853.8	179.4	266.6	170.9	1,770.6	2,590.3	664.0	111,509	1,412.1	127.9	42.2
1974	1,031.1	170.0	307.5	268.5	2,413.7	1,139.5	534.4	124,177	1,820.1	153.0	53.8
1975	1,048.4	121.3	354.6	548.4	3,234.9	1,839.5	810.3	140,041	2,237.0	171.2	60.7
1976	1,191.2	111.2	440.0	996.0	4,066.1	1,940.8	715.2	155,425	2,717.2	196.2	67.2
1977	1,305.5	169.3	431.4	1,589.0	4,954.0	1,161.6	643.8	183,099	3,323.4	209.8	87.5
1978	1,510.0	235.0	446.4	2,029.0	5,981.4	3,387.2	1,492.1	214,316	4,081.9	236.9	94.2
1979	1,812.3	364.0	551.6	2,525.2	7,515.5	2,311.5	964.6	246,657	5,162.2	274.5	113.9
1980	2,121.2	537.4	637.2	2,756.7	9,551.2	7,824.7	2,222.2	248,077	6,334.8	340.7	141.6
1981	2,942.2	628.6	763.6	3,265.9	12,149.8	13,472.0	2,777.8	271,214	7,778.4	397.7	146.7
1982	3,711.5	590.1	879.7	5,058.4	15,655.5	5,176.1	1,666.1	314,375	10,721.0	431.0	165.6
1983	4,564.1	608.7	1,165.8	6,240.9	19,504.7	11,807.1	3,605.2	..	..	..	..

⁵ Refer to gross premiums less premiums paid for re-insurance in and out of Singapore.

⁶ Refer to gross claims paid less recoveries from re-insurance placed in and out of Singapore.

GROWTH RATES IN ECONOMIC INDICATORS (continued)

Per Cent

Year	Finance Companies			POSB	CPF	Stock Exchange		Insurance Companies			
	Deposits from Individuals and Institutions	Loans For		Amount Due To		Turnover of Stocks and Shares		Life Insurance		General Insurance	
		Hire Purchase of Motor Vehicles	Housing	Account Holders	Members	Value	Volume	Policies in Force		Net Premiums	Net Claims
								Number	Amount Insured		
1973	25.0	51.9	48.9	36.5	34.5	20.2	-29.2	19.5	34.9	19.9	18.5
1974	20.8	-5.2	15.3	57.1	36.3	-56.0	-19.5	11.4	28.9	19.6	27.5
1975	1.7	-28.6	15.3	104.2	34.0	61.4	51.6	12.8	22.9	11.9	12.8
1976	13.6	-8.3	24.1	81.6	25.7	5.5	-11.7	11.0	21.5	14.6	10.7
1977	9.6	52.2	-2.0	59.5	21.8	-40.1	-10.0	17.8	22.3	6.9	30.2
1978	15.7	38.8	3.5	27.7	20.7	191.6	131.8	17.0	22.8	12.9	7.7
1979	20.0	54.9	23.6	24.5	25.6	-31.8	-35.4	15.1	26.5	15.9	20.9
1980	17.1	47.6	15.5	9.2	27.1	238.5	130.4	0.6	22.7	24.1	24.3
1981	38.7	17.0	19.8	18.5	27.2	72.2	25.0	9.3	22.8	16.7	3.6
1982	26.1	-6.1	15.2	54.9	28.9	-61.6	-40.0	15.9	37.8	8.4	12.9
1983	23.0	3.2	32.5	23.4	24.6	128.1	116.4	..	..	..	..

ECONOMIC INDICATORS (continued)

Year	Government Finance						Measures of Inflation			Tourism	
	Revenue ⁷	Main Expen- diture ⁷	Public Debt			Debt Servicing Ratio	Consumer Price Index (Jun 82-May 83=100)	General Wholesale Price Index (1974=100)	Gross Domestic Product Deflator (1968=100)	Tourist ⁸ Arrivals	Hotel Occupancy Rate
			Total	Domestic	External						
	\$ Million					Per Cent				'000	Per Cent
1973	2,219.2	2,107.4	3,757.6	3,285.3	472.3	0.6	58.8	..	128.5	984.7	67.1
1974	2,556.9	2,492.6	4,522.4	4,028.5	493.9	0.6	72.0	100.0	148.5	1,087.4	69.6
1975	3,092.2	2,984.4	5,698.1	5,155.4	542.7	0.7	73.9	98.5	152.1	1,169.3	74.7
1976	3,156.2	3,148.3	7,318.2	6,656.3	661.9	0.8	72.5	105.1	154.3	1,320.6	78.4
1977	3,555.5	3,552.4	9,132.9	8,142.7	990.2	0.8	74.8	109.9	156.7	1,506.7	83.3
1978	3,738.8	3,729.9	10,695.4	9,674.4	1,021.0	2.3	78.4	111.6	160.3	2,047.2	86.5
1979	4,603.0	4,536.2	12,401.6	11,419.8	981.8	1.3	81.5	127.7	168.8	2,247.1	85.4
1980	5,903.5	5,708.5	14,674.5	13,732.5	942.0	1.0	88.4	152.7	181.7	2,562.1	86.1
1981	7,862.2	7,680.4	17,138.2	16,241.8	896.4	0.8	95.7	158.6	195.3	2,828.9	85.7
1982	9,128.5	9,127.5	20,730.4	19,855.7	874.7	0.8	99.4	151.9	204.4	2,956.7	80.8
1983	8,871.2*	8,871.2*	25,031.5	24,359.9	671.6	1.0*	100.6	146.4	208.5*	2,853.6	75.5

⁷ Revenue and main expenditure refer to the receipts and expenditure of the Consolidated Revenue Account. Figures refer to financial year 1 April to 31 March.

⁸ Figures excluded Malaysian arrivals by land. For 1973-1977, they further excluded other arrivals by land as well as Malaysian arrivals coming direct to Singapore by air and sea.

GROWTH RATES IN ECONOMIC INDICATORS (continued)

Per Cent

Year	Government Finance					Measures of Inflation			Tourism	
	Revenue	Main Expenditure	Public Debt			Consumer Price Index	General Wholesale Price Index	Gross Domestic Product Deflator	Tourist ⁹ Arrivals	Hotel Occupancy Rate
			Total	Domestic	External					
1973	26.9	33.4	7.9	7.6	9.6	19.6	..	12.1	25.8	10.7
1974	15.2	18.3	20.4	22.6	4.6	22.3	..	15.6	10.4	3.7
1975	20.9	19.7	26.0	28.0	9.9	2.6	-1.5	2.4	7.5	7.3
1976	2.1	5.5	28.4	29.1	22.0	-1.9	6.7	1.4	12.9	5.0
1977	12.7	12.8	24.8	22.3	49.6	3.2	4.5	1.6	14.1	6.3
1978	5.2	5.0	17.1	18.8	3.1	4.8	1.6	2.3	21.6	3.8
1979	23.1	21.6	16.0	18.0	-3.8	4.0	14.4	5.3	9.8	-1.3
1980	28.3	25.8	18.3	20.3	-4.1	8.5	19.6	7.6	14.0	0.8
1981	33.2	34.5	16.8	18.3	-4.8	8.2	3.9	7.5	10.4	-0.5
1982	16.1	18.8	21.0	22.3	-2.4	3.9	-4.2	4.7	4.5	-5.7
1983	-2.8*	-2.8*	20.7	22.7	-23.2	1.2	-3.7	2.0*	-3.5	-6.6

⁹ To maintain comparability, the growth rate for 1978 was computed by excluding Malaysian visitors embarking direct from Peninsular Malaysia.

SOCIAL INDICATORS

Year	Population					Vital Statistics				
	Mid-year Estimates	Rate of Growth	Population Density	Dependency Ratio ¹	Index of Ageing ²	Crude Birth Rate	Crude Death Rate	Infant Mortality Rate	Total Fertility Rate	Gross Reproduction Rate
	Thousand	Per Cent	Persons Per Square Kilometres	Per Cent		Per 1,000 Population		Per 1,000 Live-births	Per 1,000 Female Population	
1973	2,193.0	1.8	3,740	64.6	10.7	22.0	5.4	20.3	2,800	1,352
1974	2,229.8	1.6	3,795	62.0	11.6	19.4	5.2	16.8	2,359	1,132
1975	2,262.6	1.4	3,791	58.8	12.3	17.7	5.1	13.9	2,079	1,005
1976	2,293.3	1.4	3,809	56.0	13.3	18.7	5.1	11.6	2,111	1,018
1977	2,325.3	1.3	3,773	53.5	14.3	16.5	5.1	12.4	1,820	877
1978	2,353.6	1.2	3,819	51.0	15.4	16.8	5.1	12.6	1,795	869
1979	2,383.5	1.3	3,858	48.6	16.4	17.1	5.2	13.2	1,791	853
1980	2,413.9	1.2	3,907	46.6	17.4	17.1	5.2	11.7	1,737	840
1981	2,443.3	1.2	3,954	45.0	18.3	17.3	5.3	10.7	1,723	830
1982	2,471.8	1.2	3,999	43.9	19.1	17.3	5.2	10.7	1,706	816
1983	2,502.0	1.1	4,048	43.1	19.9	16.2	5.3	9.4	1,589	765

¹ Persons under 15 years and 65 years and over divided by persons aged 15-64 years.

² Persons aged 65 years and over divided by persons under 15 years.

SOCIAL INDICATORS (continued)

Year	Education							Per Capita Government Expenditure on Education ⁵
	Pupils Per Teacher		University and College Graduates	Student Enrolment Ratio ³	Literacy Rate ⁴	Passes at		
	Primary	Secondary				GCE 'O' Level	GCE 'A' Level	
Number			Per Cent				\$	
1973	29	23	4,119	77.5	75.6	55.8	60.6	121
1974	29	23	4,547	77.3	76.7	56.4	58.3	150
1975	29	23	5,189	78.9	77.9	60.2	65.6	173
1976	28	23	4,629	78.6	79.1	59.9	64.3	177
1977	28	23	5,732	78.3	80.3	61.7	61.5	179
1978	27	23	6,029	74.6	81.5	62.3	60.3	195
1979	27	21	6,576	79.3	82.8	65.1	63.4	233
1980	26	21	5,718	78.9	84.0	68.6	67.9	284
1981	26	20	6,525	81.7	84.4	70.1	61.2	403
1982	27	18	6,705	83.9	84.8	75.4	64.1	550
1983	28	19	7,125	88.2	85.2	74.5	65.4	688

³ Students aged 6-17 years divided by population of same age group.

⁴ Refers to population 10 years and over.

⁵ For financial year beginning 1 April.

SOCIAL INDICATORS (continued)

Year	Employment					Health			
	Labour Force (15-64 Years)	Unemployment Rate (15-64 Years)	Labour Force Participation Rate (15-64 Years)	CPF Contri- butors in Labour Force	Union Members Among Employed	Per Capita Government Expenditure on Health	Persons Per		
	Thousand	Per Cent				\$	Doctor	Dentist	Hospital Bed
1973	818	4.5	61.5	74.5	24.5	47	1,401	5,362	243
1974	836	3.9	60.2	74.5	25.4	56	1,406	5,284	250
1975	852	4.6	59.7	76.0	25.7	63	1,395	5,400	249
1976	885	4.5	60.1	76.6	26.3	64	1,345	5,296	236
1977	919	3.9	61.2	77.7	25.9	68	1,259	5,011	240
1978	975	3.6	62.6	79.9	25.2	76	1,265	4,945	246
1979	1,035	3.4	64.1	80.5	25.0	84	1,287	4,835	245
1980	1,093	3.5	66.4	79.0	23.1	96	1,222	4,977	252
1981	1,128	2.9	66.1	81.4	20.5	112	1,168	4,877	247
1982	1,151	2.6	66.5	80.6	19.1	130	1,111	4,664	252
1983	1,186	3.3	67.0	77.4	17.9	155	1,060	4,508	255

SOCIAL INDICATORS (continued)

Year	Culture and Recreation				Communication			
	Daily Newspapers Circulation	Per Cent of National Library Members to Total Population		Annual Cinema Attendances	Radio and Television Licences	Telephones	Persons Per	
	Per 1,000 Population	Under 15 Years	15 Years and Over	Per Person	Per 1,000 Population		Public Bus	Private Car
1973	202	18.5	6.6	15	105	114	459	12
1974	190	21.4	7.7	18	113	126	467	16
1975	198	22.3	8.5	18	124	141	458	16
1976	208	23.8	9.4	17	135	163	440	17
1977	216	25.2	10.1	19	142	196	427	17
1978	227	25.9	9.4	19	150	229	401	17
1979	247	27.5	9.2	19	156	262	383	17
1980	255	28.7	10.5	17	165	291	371	16
1981	264	30.3	13.9	15	170	317	352	15
1982	264	32.5	18.2	14	172	345	326	14
1983	270	34.7	22.5	12	186	369	313	12

SOCIAL INDICATORS (continued)

Year	Public Housing				Utilities		Fire		Offences Against Person and Property
	Public Flats		Per Cent of Population Living in Public Housing		Electricity Consumption Per Person	Water Consumption Per Person	Number	Value of Property Damaged	Per 10,000 Population
	Total Number Managed	Per Cent Owner- occupied	Public Flats	Owner- occupied Public Flats	Kilowatt Hour	Cubic Metres		\$ Million	
1973	171,436	37.0	45.6	16.0	1,506.7	79.8	1,987	7.9	70
1974	199,583	39.5	48.5	18.9	1,536.6	79.2	2,110	29.7	74
1975	229,338	41.8	53.8	22.6	1,623.5	85.2	2,384	15.1	67
1976	257,644	46.5	59.2	27.7	1,760.8	87.0	4,165	19.3	63
1977	297,539	53.0	63.6	33.9	1,938.0	91.1	3,804	18.9	71
1978	331,207	55.2	69.0	38.2	2,215.2	95.9	4,174	27.2	71
1979	354,385	58.3	71.0	41.5	2,409.8	100.5	4,983	70.4	80
1980	368,626	62.2	72.0	45.1	2,567.6	106.9	4,705	24.1	91
1981	383,450	63.2	73.0	47.9	2,726.0	113.9	5,851	85.6	107
1982	399,935	66.1	75.0	49.4	2,832.0	117.3	6,093	26.5	114
1983	430,169	69.9	77.0	54.9	3,076.6	123.5	6,802	47.1	121

1. CLIMATE AND LAND USE

The Republic of Singapore is situated in the centre of the Malay Archipelago. This location at the focal point of the trade routes of the region has contributed greatly to the development of Singapore as an entrepot trade and commercial centre of South East Asia. It has also since developed into a modern, industrialised economy and an international centre in finance, transport and communication.

The land area of Singapore is approximately 618 square kilometres, comprising the main island which measures about 42 kilometres from east to west and 23 kilometres from north to south with a coastline of 131.5 kilometres and a number of islets scattered off the north-east and south of the main island.

Singapore can be geographically

divided into three major areas - the central hilly area with heavy deposits of granite in Bukit Timah, Bukit Panjang, Bukit Mandai and Bukit Batok; the western undulating area comprising Mount Faber Ridge and Pasir Panjang Ridge with Kranji River flowing into the Straits of Johore and Jurong River into the Straits of Singapore; and the eastern coastal area consisting of alluvium and sediment stretches from Katong to Bedok and Changi.

Climate

The main features of the climate of Singapore are relatively uniform temperature, high humidity and abundant rainfall due to the maritime exposure of the island and its close proximity to the Equator. The average maximum and minimum temperatures are around 31°C and 24°C respectively. The relative

humidity is usually between 65 to 75 per cent on dry afternoons but frequently exceeds 90 per cent in the early hours of the morning before sunrise. Although rain falls throughout the year, the wettest months are usually during the first part of the Northeast Monsoon season from November to January. During the Southwest Monsoon season, from May to September, line squalls affect the island.

Land Use

Of the total land area, about 47 per cent has been developed for residential, commercial and industrial usage and another 10 per cent used for agriculture. The balance which account for 43 per cent of the total land area consists of forest reserves, marsh and other non-built up areas.

Air Pollution

The Anti-Pollution Unit moni-

tors the ambient air quality through 14 stations located in urban, industrial and rural areas. Some of the pollutants commonly monitored are total acidity, smoke, nitrogen oxides and dust fallout. With the exception of dust fallout levels, the air pollution levels in 1983 were similar to previous years and within acceptable air quality standards. The dust fallout levels in all areas, however, have been on the increase since 1979 due to the continuous increase in construction and development activities on the island.

In general, the air pollution levels are lower during the Monsoon periods when much of the pollutants are washed out by the rain, and higher during the inter-monsoon periods (April-May and October-November) as the low winds and the more frequent occurrence of calm hours then do not favour the rapid dispersion of air pollutants.

1.1 TEMPERATURE, RAINFALL AND SUNSHINE

Year	Mean Temperature (°C)		Mean Relative Humidity at 1.30 pm ¹ (%)	Rainfall			Bright Sunshine Daily Mean Hours
	Maximum	Minimum		Total (mm)	Maximum in a Day (mm)	Number of Rainy Days	
1973	30.5	23.5	75	2,956	128	222	4.8
1974	30.3	23.1	73	2,066	69	175	5.4
1975	30.4	23.3	74	1,925	71	195	5.3
1976	30.7	23.3	70	2,167	84	161	6.0
1977	30.9	23.7	71	1,775	94	141	5.7
1978	31.0	23.7	72	2,766	512	171	5.5
1979	31.0	23.9	72	2,168	91	168	5.7
1980	31.0	23.9	74	2,326	134	176	5.7
1981	31.3	24.2	70	1,463	72	145	5.8
1982	31.4	24.6	69	1,582	109	130	5.7
1983	31.7	24.9	70	1,994	182	145	5.6

¹ Due to the introduction of 30 minutes of daylight saving since January 1982, the time of observation has been advanced to 2.00 pm.

Source: Meteorological Service

1.2 LAND USE

Square Kilometres

Year	Total	Built-up Area ¹	Farm Holding Area ²	Forest	Marsh and Tidal Waste	Others ³
1973	586.4	198.9	119.5	32.4	32.4	203.2
1974	587.6	216.8	115.4	32.4	32.4	190.6
1975	596.8	228.4	105.9	32.4	32.4	197.7
1976	602.0	243.4	103.7	32.4	32.4	190.1
1977	616.3	264.3	102.8	32.4	26.7	190.1
1978	616.3	266.5	100.6	32.4	26.7	190.1
1979	617.8	267.9	89.7	30.0	26.4	203.8
1980	617.8	275.1	80.9	30.0	26.0	205.8
1981	617.9	288.6	74.9	28.6	22.4	203.4
1982	618.1	289.9	67.7	28.6	21.4	210.5
1983	618.1	291.7	64.3	28.6	21.1	212.4

1 Include new industrial sites.

Source: Survey Department

2 Refer to licensed farms excluding land occupied by pure rubber and coconut plantations.

3 Include inland water, open spaces, public gardens, cemeteries, non-built up areas in military establishments, quarries, rubber and coconut plantations.

1.3 AIR POLLUTION LEVELS

Year	Total Acidity Levels			Smoke Levels			Nitrogen Oxides Levels			Dust Fallout Levels		
	Urban	Industrial	Rural	Urban	Industrial	Rural	Urban	Industrial	Rural	Urban	Industrial	Rural
	Microgram per cubic metre at normal temperature and pressure									Grams per square metre per month		
1974	65	60	37	48	22	22	68	-	39	0.78	1.21	0.90
1975	74	60	32	45	23	20	68	-	40	0.42	0.85	0.33
1976	70	64	36	34	20	18	69	48	57	0.37	0.89	0.17
1977	38	47	32	32	20	17	77	65	57	0.38	0.67	0.22
1978	45	47	26	32	22	16	78	61	51	0.43	0.59	0.31
1979	44	42	24	33	23	17	81	43	44	0.41	0.89	0.48
1980	37	38	19	30	18	19	41	31	31	0.50	0.97	0.49
1981	33	32	22	28	19	19	56	41	38	0.86	1.11	0.68
1982	31	34	25	24	20	20	61	50	48	0.69	1.36	0.70
1983	34	32	21	25	19	15	50	31	-	1.10	1.31	1.01

Source: Anti-Pollution Unit

2. DEMOGRAPHY

Population Census

Singapore conducted its first population census in 1871 and subsequent censuses at ten-year intervals till the outbreak of World War II. In the pre-war censuses, Singapore was included as part of the Straits Settlements and later of Malaya. Separate censuses for Singapore were carried out in 1947, 1957, 1970 and 1980.

The latest population census was carried out in June 1980. During this census, a total of 2,413.9 thousand persons were enumerated compared with 2,074.5 thousand persons in 1970 and 1,445.9 thousand persons in 1957. The population grew at an average annual rate of 2.8 per cent during 1957-1970 and 1.5 per cent during 1970-1980. Population density per square kilometre rose from 3,538 persons in 1970 to 3,907 persons in 1980.

The census data generally referred to all persons enumerated in Singapore at the time of the census including persons in fishing kelongs, on board ships and boats. They excluded non-locally domiciled services personnel and their families, ships' crew and passengers in transit in Singapore waters and foreign visitors in hotels.

Mid-year Estimates

The mid-year population estimates for the intercensal years 1971-1979, which were based on the 1970 census data and estimates of natural increase were revised to include migration deduced from the 1980 census data. Mid-year population estimates for 1981 to 1983 exclude migration.

Births and Deaths

Under the Registration of

Births and Deaths Act, a birth must be registered within 42 days and a death within 3 days of occurrence. Registration facilities for births are available at the Registry of Births and Deaths, gazetted maternal and child health clinics and all government maternity hospitals. Deaths are registered at the Registry of Births and Deaths, government and military hospitals and certain police stations. The registration system is comprehensive and the records of vital statistics are virtually complete.

There has been a marked decline in the crude birth rate, from 22.0 per thousand population in 1973 to 16.2 per thousand in 1983. The crude death rate, on the other hand, has remained stable between 5.1 and 5.4 per thousand during the same period.

Fertility Rates

The age-specific fertility rate refers to the number of births attributable to mothers of a speci-

fic age group per one thousand females in that age group. The rates for all the age groups declined during the period 1973-1983. The steepest declines occurred in age groups 25-29 and 20-24 years where the age specific fertility rate fell from 199.5 and 130.5 in 1973 to 124.8 and 70.0 respectively in 1983. The two extreme age groups, namely the 15-19 years and 45-49 years showed the least declines as their fertility rates had been low to begin with.

The total fertility rate is derived by aggregating the age-specific fertility rates of females in each of the reproductive ages. This provides an indication of the average number of children a woman would bear during the whole of her reproductive life span on the basis of the existing fertility pattern. The gross reproduction rate is similarly computed on the basis of female births only. The total fertility rate fell from 2,800 per thousand in 1973 to 1,589 per thousand in 1983.

Life Expectancy

The expectancy of life in 1970 and 1980 are calculated based on the mortality pattern prevailing in 1969-1971 and 1979-1981 respectively. The life expectancy at each selected age indicates the average number of years of life a person at that age expects to live.

Marriages

Registration of all marriages is compulsory in Singapore. Marriages other than Muslim marriages are registered under the Women's Charter, 1961. Notices of such marriages have to be lodged with the Registrar of Marriages irrespective of the venue of solemnization.

The average age of grooms and brides married under the Women's Charter increased from 27.9 years and 24.2 years in 1973 to 28.3 years and 25.2 years respectively in 1983.

Registration of Muslim marriages in Singapore became compulsory from 1 July 1909 when the Mohammadan Marriage Ordinance, 1908 (Ordinance No. XXV of 1908) was enacted. This Ordinance was subsequently repealed and replaced by the Administration of Muslim Law Act, 1966.

The average age of grooms married under the Muslim Law Act increased slightly from 26.7 years in 1973 to 27.3 years in 1983 while that of brides increased from 22.3 to 24.0 years during the same period.

2.1 POPULATION

Year	Population											Rate of Population Increase	Sex Ratio (Males Per 1,000 Females)
	Total			Malays		Chinese		Indians ¹		Others			
	Persons	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females		
	Thousand											Per Cent	
Census													
1901	227.6	170.0	57.6	20.2	15.8	130.4	33.7	14.3	3.4	5.1	4.7	2.3	2,951
1911	303.3	215.5	87.8	22.6	19.2	161.6	57.9	23.1	4.7	8.2	6.0	2.9	2,454
1921	418.3	280.9	137.4	29.6	24.0	214.2	100.9	26.9	5.4	10.2	7.1	3.3	2,043
1931	557.7	352.1	205.6	34.9	30.1	261.0	157.6	42.8	8.0	13.4	9.9	2.9	1,713
1947	938.2	515.0	423.2	62.3	51.5	387.4	342.1	51.7	17.3	13.6	12.3	3.3	1,217
1957	1,445.9	762.8	683.1	103.2	93.8	555.7	534.9	89.1	40.5	14.8	13.9	4.4	1,117
1970	2,074.5	1,062.1	1,012.4	158.4	153.0	796.5	783.4	87.5	57.6	19.7	18.4	2.8	1,049
1980	2,413.9	1,231.7	1,182.2	181.9	169.6	935.0	921.2	88.0	66.6	26.8	24.8	1.5	1,042
Mid-year Estimates													
1973	2,193.0	1,121.4	1,071.6	167.1	159.0	845.1	831.7	87.6	60.8	21.6	20.1	1.8	1,046
1974	2,229.8	1,139.7	1,090.1	169.5	160.7	860.2	846.9	87.7	61.7	22.3	20.8	1.6	1,046
1975	2,262.6	1,156.1	1,106.5	171.8	162.3	873.5	860.2	87.7	62.5	23.1	21.5	1.4	1,045
1976	2,293.3	1,171.3	1,122.0	173.7	163.7	886.0	872.8	87.8	63.3	23.8	22.2	1.4	1,044
1977	2,325.3	1,187.3	1,138.0	175.6	165.1	899.3	886.0	87.9	64.0	24.5	22.9	1.3	1,043
1978	2,353.6	1,201.4	1,152.2	177.6	166.5	910.7	897.5	87.9	64.8	25.2	23.4	1.2	1,043
1979	2,383.5	1,216.3	1,167.2	179.6	168.0	922.9	909.5	87.9	65.6	25.9	24.1	1.3	1,042
1980 (Census)	2,413.9	1,231.7	1,182.2	181.9	169.6	935.0	921.2	88.0	66.6	26.8	24.8	1.2	1,042
1981	2,443.3	1,246.3	1,197.0	184.7	172.3	945.5	931.4	88.7	67.8	27.4	25.5	1.2	1,041
1982	2,471.8	1,260.4	1,211.4	187.4	175.0	955.5	941.2	89.4	68.9	28.1	26.3	1.2	1,040
1983	2,502.0	1,275.5	1,226.5	190.4	178.1	965.9	951.2	90.4	70.2	28.8	27.0	1.1	1,040

¹ From 1970, Indians include Sri Lankans (Ceylonese) who were previously classified under 'Others'.

2.2 POPULATION ESTIMATES BY AGE GROUP, ETHNIC GROUP AND SEX, END JUNE 1973

Age Group (Years)	Total			Malays			Chinese			Indians			Others		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
Thousand															
Total	2,193.0	1,121.4	1,071.6	326.1	167.1	159.0	1,676.8	845.1	831.7	148.4	87.6	60.8	41.7	21.6	20.1
0 - 4	227.2	117.4	109.8	36.8	18.8	18.0	171.3	88.8	82.5	14.1	7.2	6.9	5.0	2.6	2.4
5 - 9	260.0	133.4	126.6	49.8	25.2	24.6	188.6	97.2	91.4	17.5	8.9	8.6	4.1	2.1	2.0
10 - 14	290.5	150.1	140.4	51.3	26.5	24.8	215.4	111.3	104.1	19.7	10.3	9.4	4.1	2.0	2.1
15 - 19	278.0	142.5	135.5	42.7	21.8	20.9	214.2	109.8	104.4	17.4	9.1	8.3	3.7	1.8	1.9
20 - 24	233.4	119.1	114.3	31.3	15.6	15.7	184.8	94.6	90.2	13.5	7.1	6.4	3.8	1.8	2.0
25 - 29	166.8	84.6	82.2	21.8	10.9	10.9	132.1	67.0	65.1	9.1	4.8	4.3	3.8	1.9	1.9
30 - 34	143.2	71.7	71.5	17.5	8.2	9.3	113.0	56.6	56.4	9.1	5.0	4.1	3.6	1.9	1.7
35 - 39	119.3	60.6	58.7	17.6	8.4	9.2	90.5	46.0	44.5	8.1	4.5	3.6	3.1	1.7	1.4
40 - 44	107.4	56.2	51.2	15.3	7.9	7.4	79.0	39.4	39.6	10.3	7.3	3.0	2.8	1.6	1.2
45 - 49	88.7	47.6	41.1	13.4	7.7	5.7	63.2	31.0	32.2	9.7	7.5	2.2	2.4	1.4	1.0
50 - 54	75.2	39.7	35.5	10.6	6.2	4.4	54.5	25.8	28.7	8.2	6.6	1.6	1.9	1.1	0.8
55 - 59	63.9	32.7	31.2	6.6	3.7	2.9	50.9	24.1	26.8	5.2	4.2	1.0	1.2	0.7	0.5
60 - 64	56.1	28.3	27.8	5.2	2.8	2.4	46.7	22.4	24.3	3.4	2.7	0.7	0.8	0.4	0.4
65 - 69	37.6	18.5	19.1	2.9	1.6	1.3	32.5	15.3	17.2	1.6	1.3	0.3	0.6	0.3	0.3
70 & Over	45.7	19.0	26.7	3.3	1.8	1.5	40.1	15.8	24.3	1.5	1.1	0.4	0.8	0.3	0.5
Per Cent															
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0 - 19	48.1	48.4	47.8	55.4	55.2	55.5	47.1	48.2	46.0	46.3	40.5	54.6	40.5	39.4	41.8
20 - 39	30.2	30.0	30.5	27.0	25.8	28.4	31.0	31.3	30.8	26.8	24.5	30.3	34.3	33.8	34.8
40 - 59	15.3	15.7	14.8	14.1	15.3	12.8	14.8	14.2	15.3	22.5	29.2	12.8	19.9	22.2	17.4
60 & Over	6.4	5.9	6.9	3.5	3.7	3.3	7.1	6.3	7.9	4.4	5.8	2.3	5.3	4.6	6.0

2.3 POPULATION ESTIMATES BY AGE GROUP, ETHNIC GROUP AND SEX, END JUNE 1983

Age Group (Years)	Total			Malays			Chinese			Indians			Others		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
	Thousand														
Total	2,502.0	1,275.5	1,226.5	368.5	190.4	178.1	1,917.1	965.9	951.2	160.6	90.4	70.2	55.8	28.8	27.0
0 - 4	201.0	104.8	96.2	33.8	17.5	16.3	147.2	76.9	70.3	13.3	6.9	6.4	6.7	3.5	3.2
5 - 9	202.6	104.9	97.7	31.1	16.1	15.0	156.3	81.0	75.3	10.5	5.4	5.1	4.7	2.4	2.3
10 - 14	225.4	116.2	109.2	35.4	18.0	17.4	171.5	88.7	82.8	13.6	7.0	6.6	4.9	2.5	2.4
15 - 19	259.3	133.2	126.1	46.8	23.8	23.0	191.3	98.6	92.7	17.3	8.8	8.5	3.9	2.0	1.9
20 - 24	297.7	153.9	143.8	51.4	27.3	24.1	222.3	114.1	108.2	19.9	10.7	9.2	4.1	1.8	2.3
25 - 29	282.4	144.8	137.6	42.3	22.2	20.1	217.4	110.8	106.6	18.1	9.8	8.3	4.6	2.0	2.6
30 - 34	237.8	120.9	116.9	30.6	15.6	15.0	187.2	95.0	92.2	14.2	7.6	6.6	5.8	2.7	3.1
35 - 39	170.1	86.4	83.7	20.7	10.4	10.3	133.8	67.6	66.2	9.5	5.1	4.4	6.1	3.3	2.8
40 - 44	142.2	71.5	70.7	16.0	7.5	8.5	112.7	56.5	56.2	8.8	4.8	4.0	4.7	2.7	2.0
45 - 49	114.8	58.2	56.6	16.0	7.8	8.2	88.0	44.4	43.6	7.6	4.1	3.5	3.2	1.9	1.3
50 - 54	100.4	51.5	48.9	13.4	6.7	6.7	75.7	37.3	38.4	8.8	6.0	2.8	2.5	1.5	1.0
55 - 59	79.8	41.3	38.5	11.7	6.6	5.1	58.6	27.9	30.7	7.7	5.7	2.0	1.8	1.1	0.7
60 - 64	63.6	32.0	31.6	8.7	5.1	3.6	48.0	21.9	26.1	5.6	4.3	1.3	1.3	0.7	0.6
65 - 69	50.0	23.8	26.2	4.9	2.7	2.2	41.5	18.5	23.0	3.0	2.3	0.7	0.6	0.3	0.3
70 & Over	74.9	32.1	42.8	5.7	3.1	2.6	65.6	26.7	38.9	2.7	1.9	0.8	0.9	0.4	0.5
	Per Cent														
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0 - 19	35.5	36.0	35.0	39.9	39.6	40.3	34.7	35.7	33.8	34.1	31.1	37.9	36.2	36.1	36.3
20 - 39	39.5	39.7	39.3	39.4	39.7	39.0	39.7	40.1	39.2	38.4	36.7	40.6	36.9	34.0	40.0
40 - 59	17.5	17.4	17.5	15.5	15.0	16.0	17.5	17.2	17.8	20.5	22.8	17.5	21.9	25.0	18.5
60 & Over	7.5	6.9	8.2	5.2	5.7	4.7	8.1	7.0	9.2	7.0	9.4	4.0	5.0	4.9	5.2

2.4 VITAL STATISTICS

Year	Live-births			Deaths		Natural Increase	Crude Birth Rate	Crude Death Rate	Rate of Natural Increase	Infant Mortality Rate
	Total ¹	Males	Females	Total	Infants					
	Number									
1973	48,269	24,955	23,308	11,920	981	36,349	22.0	5.4	16.6	20.3
1974	43,268	22,479	20,787	11,674	728	31,594	19.4	5.2	14.2	16.8
1975	39,948	20,627	19,320	11,447	555	28,501	17.7	5.1	12.6	13.9
1976	42,783	22,187	20,593	11,648	498	31,135	18.7	5.1	13.6	11.6
1977	38,364	19,917	18,445	11,955	474	26,409	16.5	5.1	11.4	12.4
1978	39,441	20,364	19,076	12,065	498	27,376	16.8	5.1	11.6	12.6
1979	40,779	21,293	19,485	12,468	540	28,311	17.1	5.2	11.9	13.2
1980	41,217	21,308	19,908	12,505	483	28,712	17.1	5.2	11.9	11.7
1981	42,250	21,910	20,336	12,863	451	29,387	17.3	5.3	12.0	10.7
1982	42,654	22,285	20,367	12,896	456	29,758	17.3	5.2	12.0	10.7
1983	40,585	21,049	19,533	13,321	382	27,264	16.2	5.3	10.9	9.4

¹ Figures for males and females may not add up to the total on account of unknown sex.

2.5 AGE SPECIFIC FERTILITY RATES AND GROSS REPRODUCTION RATES
(Per Thousand Female Population)

Age Group (Years)	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
15 - 19	24.2	20.8	16.8	16.2	13.4	11.8	11.4	12.2	11.5	11.2	10.3
20 - 24	130.5	118.9	102.1	107.2	90.3	86.8	85.1	79.9	80.3	77.1	70.0
25 - 29	199.5	172.2	154.5	160.2	138.9	140.9	139.3	137.3	136.3	133.9	124.8
30 - 34	128.4	102.9	94.9	95.9	85.2	86.8	88.4	84.5	82.0	83.3	79.5
35 - 39	57.6	42.6	36.3	33.8	28.7	26.7	27.5	27.2	28.6	30.4	29.2
40 - 44	17.4	12.7	10.0	8.1	6.9	5.3	5.5	5.7	5.4	4.9	3.8
45 - 49	2.3	1.7	1.1	0.8	0.6	0.6	1.0	0.5	0.4	0.3	0.2
Total Fertility Rate	2,800	2,359	2,079	2,111	1,820	1,795	1,791	1,737	1,723	1,706	1,589
Gross Reproduction Rate	1,352	1,132	1,005	1,018	877	869	853	840	830	816	765

2.6 LIVE-BIRTHS BY BIRTH ORDER

Birth Order	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Number											
Total ¹	48,269	43,268	39,948	42,783	38,364	39,441	40,779	41,217	42,250	42,654	40,585
1st	16,449	16,946	14,674	17,200	16,138	16,424	17,253	17,968	18,599	19,105	18,255
2nd	12,431	11,628	12,631	13,585	12,101	12,962	13,645	13,999	14,431	14,593	14,078
3rd	7,855	6,624	6,596	7,083	6,221	6,463	6,630	6,236	6,305	6,228	5,757
4th	4,508	3,497	2,854	2,648	2,231	2,181	2,002	1,885	1,876	1,777	1,655
5th	2,407	1,733	1,299	984	745	674	601	590	522	506	470
6th & Over	4,379	2,712	1,810	1,179	879	659	538	422	438	391	302
Per Thousand											
Total	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1st	341	391	367	402	421	416	423	436	440	448	450
2nd	257	269	316	317	316	329	335	340	342	342	347
3rd	163	153	165	166	162	164	163	151	149	146	142
4th	93	81	72	62	58	55	49	46	44	42	41
5th	50	40	33	23	19	17	15	14	12	12	12
6th & Over	91	63	45	28	23	17	13	10	10	9	7

¹ Total includes birth order not stated.

2.7 AGE SPECIFIC DEATH RATES
(Per Thousand Population)

Age Group (Years)	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	5.4	5.2	5.1	5.1	5.1	5.1	5.2	5.2	5.3	5.2	5.3
0 - 4	5.2	4.0	3.1	2.8	2.8	3.0	3.3	3.1	2.9	2.9	2.5
5 - 9	0.6	0.5	0.3	0.4	0.4	0.3	0.3	0.2	0.3	0.3	0.3
10 - 14	0.5	0.4	0.4	0.4	0.3	0.3	0.4	0.3	0.3	0.4	0.3
15 - 19	0.8	0.6	0.5	0.6	0.7	0.7	0.7	0.6	0.7	0.7	0.7
20 - 24	1.1	1.0	1.0	0.9	0.8	1.0	0.8	1.0	0.8	0.9	0.9
25 - 29	1.2	1.1	1.1	1.0	1.0	1.1	1.0	0.9	1.0	1.0	0.9
30 - 34	1.3	1.4	1.5	1.2	1.1	1.4	1.0	1.1	1.1	1.2	1.3
35 - 39	1.9	1.9	1.9	1.9	1.8	1.7	1.6	1.5	1.7	1.6	1.6
40 - 44	3.6	3.1	3.4	2.9	2.9	2.8	2.9	2.5	2.5	2.4	2.5
45 - 49	5.5	5.7	5.7	5.2	4.8	5.0	4.7	4.9	4.8	4.4	4.1
50 - 54	9.3	9.5	9.2	8.9	9.3	8.3	8.7	7.9	8.9	7.8	7.8
55 - 59	15.6	14.7	14.8	14.5	14.9	13.8	14.3	13.6	13.6	13.1	12.6
60 - 64	25.6	24.4	21.8	23.1	24.0	22.1	22.9	22.2	21.9	20.3	20.1
65 - 69	40.4	36.3	37.8	36.3	36.9	35.9	34.6	34.8	34.0	32.0	31.7
70 & Over	81.5	82.8	78.4	80.7	79.5	77.7	79.4	76.8	76.2	75.9	78.7

2.8 DEATHS BY BROAD GROUPS OF CAUSES

Number

Cause of Death	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
All Causes	11,920	11,674	11,447	11,648	11,955	12,065	12,468	12,505	12,863	12,896	13,321
Infective & Parasitic Diseases	775	714	630	554	523	502	503	425	432	393	432
of which: Tuberculosis	450	472	420	358	340	318	331	240	221	207	224
Neoplasms	1,912	2,002	2,123	2,278	2,326	2,415	2,542	2,623	2,672	2,729	2,903
of which: Cancer	1,863	1,955	2,083	2,245	2,286	2,386	2,488	2,561	2,616	2,668	2,858
Endocrine, Nutritional & Metabolic Diseases	342	377	375	408	429	403	403	359	404	397	423
of which: Diabetes	247	257	259	334	377	334	347	319	368	361	373
Diseases of the Blood & Blood-forming Organs	61	60	52	32	50	45	41	31	42	33	33
Diseases of the Nervous System & Sense Organs	169	149	133	129	110	114	122	131	114	121	92
Diseases of the Circulatory System	3,169	3,295	3,369	3,798	3,889	3,983	4,233	4,305	4,413	4,430	4,436
of which: Heart & Hypertensive Diseases	1,967	2,014	2,000	2,283	2,426	2,518	2,752	2,777	2,892	2,866	2,911
Cerebrovascular Disease	1,131	1,213	1,244	1,427	1,360	1,382	1,409	1,447	1,438	1,469	1,454
Diseases of the Respiratory System	1,663	1,631	1,632	1,651	1,902	1,724	2,024	1,965	2,196	2,257	2,429
of which: Pneumonia	950	969	948	1,010	1,215	942	1,124	1,129	1,284	1,375	1,513
Bronchitis	231	183	211	134	114	107	89	75	67	68	77
Diseases of the Digestive System	453	451	423	384	382	359	382	368	385	400	403
Diseases of the Genito-Urinary System	275	320	311	281	324	381	349	366	366	319	375
Congenital Anomalies	189	177	146	156	141	185	184	185	178	182	155
of which: Congenital Anomalies of Heart	94	101	76	70	70	98	105	111	109	101	86
Certain Causes of Perinatal Mortality	477	322	254	221	247	239	261	227	208	215	149
Accidents, Poisonings & Violence	995	894	887	890	914	1,057	876	899	938	966	1,085
of which: Motor Vehicle Accidents	371	282	255	257	264	299	236	250	281	326	323
Other Accidents	277	272	217	238	239	256	160	122	157	198	231
Suicides	240	229	252	257	224	266	249	271	191	239	267
Other Diseases & Causes	1,440	1,282	1,112	866	718	658	548	621	515	454	406
of which: Senility	1,108	1,064	860	679	571	505	359	403	237	219	208

Note: Deaths for 1971-78 are classified according to the Eighth (1965) Revision of the International Classification of Diseases while deaths from 1979 are classified according to the Ninth (1975) Revision.

2.9 EXPECTANCY OF LIFE AT SELECTED AGES, 1970 AND 1980

Years

Age (Years)	1970			1980		
	Persons	Males	Females	Persons	Males	Females
0	67.3	65.1	70.0	71.2	68.7	74.0
5	64.1	62.0	66.6	67.3	64.8	70.1
10	59.2	57.1	61.8	62.4	59.9	65.2
15	54.4	52.3	56.9	57.5	55.0	60.3
20	49.6	47.5	52.0	52.7	50.2	55.4
25	44.8	42.8	47.2	47.9	45.5	50.6
30	40.1	38.2	42.4	43.1	40.7	45.7
35	35.3	33.4	37.6	38.3	36.0	40.9
40	30.7	28.8	32.9	33.6	31.3	36.2
45	26.2	24.4	28.4	29.0	26.8	31.5
50	21.9	20.2	23.9	24.7	22.6	27.0
55	17.9	16.4	19.6	20.6	18.7	22.8
60	14.2	12.9	15.6	17.0	15.2	18.8
65	10.8	9.8	11.8	13.7	12.2	15.1
70	7.7	7.1	8.2	10.8	9.7	11.8

Note: The expectancy of life for 1970 and 1980 were calculated based on the average mortality rates prevailing during 1969-1971 and 1979-1981 respectively.

2.10 MARRIAGES REGISTERED BY ETHNIC GROUP

Number

Year	All Marriages Registered	Women's Charter					Muslim Law Act			
		Total	Chinese	Indians	Others	Inter-ethnic Group	Total	Malays	Others	Inter-ethnic Group
1973	25,399	22,576	21,131	824	155	466	2,823	2,229	187	407
1974	26,670	23,775	22,005	1,110	151	509	2,895	2,311	185	399
1975	23,408	20,175	18,549	923	160	543	3,233	2,522	204	507
1976	21,497	18,551	16,703	1,117	124	607	2,946	2,266	218	462
1977	20,821	17,658	15,963	1,060	89	546	3,163	2,488	183	492
1978	21,306	18,197	16,392	1,099	106	600	3,109	2,412	205	492
1979	23,325	19,648	17,764	1,147	127	610	3,677	2,895	245	537
1980	23,721	19,689	17,758	1,171	118	642	4,032	3,192	242	598
1981	25,024	20,595	18,614	1,195	116	670	4,429	3,494	246	689
1982	23,214	18,392	16,503	1,079	119	691	4,822	3,791	257	774
1983	22,059	17,465	15,377	1,177	124	787	4,594	3,657	255	682

2.11 MARRIAGES BY AGE GROUP OF GROOMS AND BRIDES, 1981-1983

Number

Age Group (Years)	1981				1982				1983			
	Grooms		Brides		Grooms		Brides		Grooms		Brides	
	Women's Charter	Muslim Law Act	Women's Charter	Muslim Law Act	Women's Charter	Muslim Law Act	Women's Charter	Muslim Law Act	Women's Charter	Muslim Law Act	Women's Charter	Muslim Law Act
All Ages	20,166	4,429	20,166	4,429	18,177	4,822	18,177	4,822	17,117	4,594	17,117	4,594
Under 15	-	-	-	-	-	-	-	1	-	-	-	-
15 - 19	132	110	1,767	834	105	124	1,498	896	96	116	1,346	853
20 - 24	5,763	1,738	10,400	2,333	4,865	1,849	9,116	2,524	4,348	1,786	8,320	2,385
25 - 29	9,259	1,696	5,887	820	8,512	1,891	5,525	898	8,066	1,771	5,481	856
30 - 34	3,400	498	1,457	255	3,141	529	1,393	287	3,157	524	1,372	292
35 - 39	813	141	346	74	876	173	384	94	825	169	369	102
40 - 44	420	93	171	53	368	84	149	60	299	82	130	46
45 - 49	173	49	78	33	157	64	60	41	159	68	55	34
50 & Over	206	104	60	27	153	108	52	21	167	78	44	26

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

2.12 AVERAGE AGE AT MARRIAGE OF GROOMS AND BRIDES

Years

Year	All Marriages		Women's Charter		Muslim Law Act	
	Grooms	Brides	Grooms	Brides	Grooms	Brides
1973	27.8	24.0	27.9	24.2	26.7	22.3
1974	28.1	24.1	28.3	24.3	26.8	22.6
1975	27.3	23.9	27.4	24.1	27.0	23.0
1976	27.4	24.0	27.5	24.1	27.3	23.3
1977	27.6	24.2	27.6	24.3	27.5	23.5
1978	27.8	24.4	27.8	24.5	27.4	23.5
1979	27.8	24.5	27.9	24.6	27.6	23.7
1980	27.8	24.6	27.9	24.7	27.3	23.8
1981	27.9	24.7	28.0	24.9	27.4	23.9
1982	28.0	24.8	28.2	25.0	27.4	24.0
1983	28.1	24.9	28.3	25.2	27.3	24.0

2.13 AGE SPECIFIC MARRIAGE RATES, 1970, 1976-1983

Per thousand unmarried population

Age Group (Years)	1970	1976	1977	1978	1979	1980	1981	1982	1983
Males									
Total (15-44)	51.6	56.1	53.2	53.2	51.7	55.0	58.7	54.4	51.1
15 - 19	1.6	1.9	1.8	1.4	1.7	1.7	1.7	1.7	1.6
20 - 24	52.4	56.8	52.2	49.2	46.7	49.9	52.2	46.1	42.6
25 - 29	173.0	168.8	150.7	148.1	137.5	140.1	134.5	119.2	109.5
30 - 34	171.7	176.2	156.7	172.3	150.1	138.0	140.9	126.4	117.3
35 - 39	113.1	109.8	126.6	136.8	118.8	106.3	116.4	119.0	88.2
40 - 44	59.5	84.1	96.1	90.7	82.8	62.8	92.2	87.5	61.9
Females									
Total (15-44)	67.3	69.3	67.1	64.5	62.3	68.9	73.0	67.1	63.6
15 - 19	19.1	21.3	19.7	17.3	17.5	18.4	19.5	18.5	17.7
20 - 24	123.8	118.9	110.1	103.2	100.0	110.5	112.9	101.0	95.0
25 - 29	192.3	142.0	143.8	139.3	120.3	136.5	136.7	117.3	111.9
30 - 34	99.1	91.2	93.6	97.9	88.5	74.3	75.9	74.7	67.1
35 - 39	46.0	57.5	57.5	58.8	41.2	43.6	50.4	48.5	39.5
40 - 44	18.1	27.4	20.9	28.5	30.6	22.0	27.9	24.9	20.7

3. LABOUR, EMPLOYMENT AND PRODUCTIVITY

Labour Force

Data for 1974 to 1979 and 1981 to 1983 were based on the annual labour force surveys conducted by the Ministry of Labour in June of each year, whereas data for 1973 and 1980 were based on the Labour Force Sample Survey and the 1980 Census of Population respectively, both conducted by the Department of Statistics.

The main terms used in the data on labour force are defined as follows:

Employed Persons: Persons aged ten years and over who, during the reference week, worked for pay or profit or for family gains as well as those who did not work but had a job to return to. Employed persons include employers, employees, own account workers and unpaid family

workers.

Unemployed Persons: Persons aged ten years and over who, during the reference week, did not work and did not have a job to return to but were actively looking for a job. It also includes persons who were not working but were taking steps to start their own business.

Economically Inactive Persons: Persons aged ten years and over who, during the reference week, did not work or did not have a job to return to and at the same time were not actively looking for a job.

Age-Sex Specific Participation Rate: Percentage of economically active population to the total population in the specific age groups.

Unemployment Rate: Percentage of unemployed persons to the total economically active population.

Employment Service

The Employment Service Department of the Ministry of Labour provides free services for persons seeking employment as well as assists employers to recruit workers. Registration for employment assistance at the Service is voluntary. Registrants are required to inform the Service within seven days upon securing employment. They are expected to renew their registration every six months if they are still unemployed. Those who do not renew their registration or could not be located are taken off the 'live' register. In addition, the Employment Service checks all registrants' employment status using employment records maintained by the Central Provident Fund (CPF) Board. Registrants (Singapore citizens and permanent residents) found to be holding jobs are similarly removed

from the 'live' register.

Weekly Earnings and Hours Worked

Data on weekly earnings and hours worked are based on information supplied by establishments in the Weekly Hours and Earnings Surveys conducted by the Research and Statistics Division of the Ministry of Labour.

The main terms used in the survey are defined as follows:

Weekly Earnings: They include wages/salaries, overtime payments as well as all other monetary payments earned by workers during the reference week of the survey. Wages/salaries refer to basic wages accrued to workers before all deductions such as their CPF contributions and personal income tax. All other monetary payments include leave allowance, cash allowances for food, housing and others but exclude payments-in-kind, payroll tax and the employers' CPF contributions.

Weekly Hours: They refer to the sum of standard working hours and overtime hours of work during the reference week of the survey.

Central Provident Fund

The Central Provident Fund, established in 1955, is a compulsory savings scheme to provide workers in Singapore with monetary benefits when they attained the age of 55 years or become permanently disabled. Non-citizens are permitted to withdraw their funds when they leave Singapore and Peninsular Malaysia permanently with no intention to return. Members can also use their CPF savings to purchase houses under

the various approved public and private residential housing schemes, and shares of Singapore Bus Services (1978) Ltd. With effect from 1 Jan 1982, members who are covered by Home Protection Insurance Scheme can use their CPF savings to pay for the insurance premiums. Employers are required to pay monthly contributions to the Fund for every employee. However, it is not mandatory for certain categories of persons such as employers, self-employed persons, and unpaid family workers to be a member of the scheme.

The rates of contribution payable to the Fund from 1 July 1983 for employment in the private sector are shown as follows :-

Total Amount of Employee's Wages for the Calendar Month (1)	Contribution for the Calendar Month Payable by the Employer (2)	Amount Recoverable by the Employer from the Employee's Wages for the Calendar Month (3)
Not exceeding \$50	Nil	Nil
Exceeding \$50 but not exceeding \$200	An amount equal to 23% of the total amount of the employee's wages for the month.	Nil
Exceeding \$200 but not exceeding \$363	An amount equal to the sum of - a 31% of the total amount of the employee's wages for the month; and b One-third of the difference between the total amount of the employee's wages for the month and \$200.	An amount equal to the sum of - a 8% of the total amount of the employee's wages for the month; and b One-third of the difference between the total amount of the employee's wages for the month and \$200.
Exceeding \$363	An amount equal to the sum of - a 46% of the employee's ordinary wages for the month, subject to a maximum of \$1,380 with effect from from 1.7.83 and \$1,840 with effect from 1.11.83. b 46% of the amount of additional wages payable to the employee in the month.	An amount equal to the sum of - a 23% of the employee's ordinary wages for the month, subject to a maximum of \$690 with effect from 1.7.83 and \$920 with effect from 1.11.83. b 23% of the amount of additional wages payable to the employee in the month.

The whole of the contribution shown in column (2) is payable by the employer but the employer is entitled, where applicable, to deduct from his employee's wages the amount shown in column (3) as the employee's share of the contribution.

For employees earning more than \$200 a month, a portion of the CPF contribution equivalent to 6 per cent of their wages are credited into the members' special accounts. For those earning more than \$50 but not more than \$200, the corresponding portion is 3 per cent. Money in the special account cannot be used by members to purchase houses under the various housing schemes or to purchase shares of Singapore Bus Service (1978) Ltd.

Productivity

The Productivity Movement was launched in September 1981 by the

National Productivity Council. The National Productivity Board (NPB), has embarked a 'soft-sell' strategy such as print advertising, TV commercials, variety shows, and a host of publications to create widespread awareness of productivity concepts and to keep managers, executives, supervisors and workers abreast with the national and in-company productivity programmes in Singapore.

Training programmes in management, supervision, computers, industrial engineering, occupational safety and health were conducted to upgrade the skills of senior executives, middle management, supervisors and line-leaders. Seminars and in-company training tailored to the needs of the individual companies were also organised.

To promote good labour-management relations, co-operation and consultation between labour and

management were encouraged through the establishment of Joint Labour Management Consultation Committees known as the Work Excellence Committees (WEC). Co-operation and teamwork among workers at the shopfloor were promoted through Quality Control Circles. To foster mutual trust and understanding between supervisors and their sub-ordinates and between management and the union, teambuilding workshops were also organised.

Trade Unions

Data on trade unions and membership are compiled from returns submitted to the Registrar of Trade Unions and covered both employees' and employers' unions.

Trade Disputes

Data on trade disputes only relate to cases referred to the Labour Relations Division of the Ministry of Labour.

A trade dispute means any dispute between/among employees and employers connected with the employment or non-employment or the terms of employment or the conditions of work of any person.

Industrial Stoppages

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

3.1 LABOUR FORCE

Mid-year	Labour Force							Participation Rate		Unemploy- ment Rate
	Total			Employed		Unemployed				
	Persons	Males	Females	Males	Females	Males	Females	Males	Females	
	Thousand							Per Cent		
1973	817.4	572.4	245.0	552.0	228.7	20.4	16.3	82.5	37.3	4.5
1974	835.9	566.3	269.6	546.7	256.1	19.5	13.5	80.8	39.2	3.9
1975	852.0	593.7	258.3	571.6	241.8	22.1	16.5	81.9	36.7	4.6
1976	885.1	605.1	280.0	581.8	263.7	23.3	16.2	81.3	38.4	4.5
1977	919.3	621.6	297.7	600.2	282.7	21.3	15.0	81.5	40.3	3.9
1978	975.1	648.5	326.6	626.9	313.0	21.6	13.5	82.6	42.3	3.6
1979	1,035.0	681.9	353.1	661.8	338.6	20.1	14.4	83.6	44.2	3.4
1980 ¹	1,093.4	714.0	379.4	690.0	364.7	24.0	14.7	84.7	47.2	3.5
1981	1,127.6	723.7	403.9	703.6	391.2	20.1	12.7	84.4	47.7	2.9
1982	1,151.3	737.7	413.6	719.8	401.7	17.9	11.9	84.6	48.1	2.6
1983	1,186.4	761.8	424.7	736.8	411.0	25.0	13.6	84.8	48.7	3.3

Note: Data covers persons aged 15-64 years.

Source: Ministry of Labour

1 Census of Population, 1980.

3.2 PERSONS AGED 10 AND OVER BY ACTIVITY STATUS, AGE GROUP AND SEX, 1983

Thousand

Age Group (Years)	Total			Economically Active Persons									Economically Inactive Persons		
				Total			Employed			Unemployed					
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
Total	2,120.5	1,070.5	1,050.0	1,208.5	778.9	429.6	1,169.6	753.7	415.9	38.9	25.2	13.7	912.0	291.6	620.4
10 - 14	229.3	117.5	111.8	2.1	1.0	1.1	1.9	0.9	1.0	0.2	0.1	0.1	227.2	116.4	110.8
15 - 19	272.7	140.1	132.6	112.8	58.7	54.1	105.9	56.0	49.9	6.9	2.7	4.3	159.9	81.4	78.5
20 - 24	307.4	157.7	149.7	262.8	144.9	117.9	250.0	136.6	113.4	12.8	8.3	4.5	44.6	12.8	31.8
25 - 29	278.5	141.0	137.6	225.1	137.4	87.7	218.4	132.7	85.7	6.8	4.7	2.1	53.4	3.6	49.8
30 - 34	233.1	118.1	115.1	172.1	116.2	55.8	168.2	113.5	54.6	3.9	2.7	1.2	61.1	1.8	59.2
35 - 39	167.7	83.9	83.8	120.0	82.5	37.5	117.5	80.7	36.8	2.5	1.8	0.7	47.7	1.4	46.3
40 - 44	141.2	69.6	71.6	96.8	68.4	28.4	95.2	67.2	28.0	1.7	1.2	0.4	44.4	1.2	43.2
45 - 49	118.0	58.5	59.6	75.6	56.4	19.1	74.0	55.1	18.9	1.6	1.3	0.3	42.4	2.0	40.4
50 - 54	103.9	53.4	50.6	60.5	47.7	12.8	59.3	46.5	12.7	1.3	1.2	0.1	43.4	5.6	37.8
55 - 59	81.6	42.1	39.5	38.2	31.0	7.2	37.6	30.4	7.1	0.7	0.6	0.1	43.4	11.1	32.3
60 & Over	187.1	88.9	98.2	42.5	34.6	7.9	41.8	34.0	7.9	0.7	0.6	0.1	144.6	54.3	90.2

Source: Ministry of Labour

3.3 AGE-SEX SPECIFIC LABOUR FORCE PARTICIPATION RATES, 1970, 1980-1983

Per Cent

Age Group (Years)	1970 ¹			1980 ¹			1981			1982			1983		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
	Per Hundred Population														
Total	56.5	82.3	29.5	63.2	81.5	44.3	63.0	81.1	44.8	63.4	81.5	45.2	63.8	81.6	45.7
15 - 19	49.5	55.7	43.0	49.1	47.5	50.7	45.1	44.1	46.2	43.1	42.2	43.9	41.4	41.9	40.8
20 - 24	73.5	92.9	53.6	86.1	93.4	78.4	86.0	92.6	79.1	86.0	92.2	79.4	85.5	91.9	78.7
25 - 29	64.5	98.0	30.8	78.3	97.2	58.7	79.5	97.8	60.4	80.3	97.8	62.6	80.8	97.5	63.8
30 - 34	60.6	98.3	22.7	71.5	97.9	44.2	73.0	98.4	46.7	72.7	98.5	46.7	73.8	98.4	48.5
35 - 39	60.2	98.4	19.3	68.0	98.0	37.1	68.6	98.9	39.1	69.8	98.3	41.4	71.5	98.4	44.7
40 - 44	60.8	98.1	17.8	65.8	97.6	33.2	66.5	98.1	37.1	67.8	98.0	38.5	68.6	98.3	39.7
45 - 49	60.0	96.2	17.5	61.8	95.7	26.5	62.6	96.0	28.8	64.2	96.6	33.2	64.0	96.6	32.1
50 - 54	55.0	88.1	17.5	56.3	89.6	20.4	55.7	89.9	22.1	57.2	90.4	23.1	58.2	89.4	25.4
55 - 59	46.2	73.9	16.2	43.6	70.7	14.5	44.2	71.3	15.8	47.8	75.4	18.6	46.9	73.7	18.2
60 - 64	35.0	55.6	13.4	31.9	52.5	11.3	33.8	54.5	12.8	31.4	53.9	10.0	33.7	54.1	12.4
65 - 69	25.3	41.2	9.8	23.5	38.6	9.5	22.3	37.0	8.3	23.5	39.1	9.6	24.3	40.0	9.0
70 - 74	14.5	25.8	5.7	15.0	25.1	6.2	14.6	24.2	6.2	16.3	27.7	6.7	15.3	26.7	5.7
75 & Over	6.3	14.4	2.1	6.6	13.3	2.5	8.2	14.9	3.7	6.9	13.0	3.0	7.4	14.8	2.5

¹ Census of Population.

Source: Ministry of Labour

3.4 EMPLOYED PERSONS BY INDUSTRY, 1970, 1976-1983

Thousand

Industry	1970 ¹	1976	1977	1978	1979	1980 ¹	1981	1982	1983
Total	650.9	870.4	903.9	958.9	1,021.0	1,077.1	1,115.3	1,142.4	1,169.6
Agriculture & Fishing	22.5	19.7	19.8	17.8	15.2	17.0	12.7	11.5	11.8
Quarrying	2.2	1.9	1.6	1.1	1.5	1.1	1.2	2.6	2.4
Manufacturing	143.1	234.0	245.5	270.6	294.7	324.1	339.2	336.7	324.9
Utilities	7.6	11.2	11.4	9.7	9.8	8.5	7.4	7.9	8.5
Construction	43.1	42.0	42.0	51.5	54.3	72.3	66.4	72.0	84.1
Trade	152.6	201.0	212.7	225.0	237.4	229.8	243.0	254.3	266.0
Transport & Communications	79.0	101.6	105.6	109.2	118.9	119.9	127.2	129.8	131.9
Financial & Business Services	25.8	56.5	59.7	64.4	72.0	79.4	85.0	89.9	95.1
Other Services	174.6	200.6	204.3	207.8	216.4	224.6	230.3	235.6	243.3
Activities Not Adequately Defined	0.4	1.9	1.3	1.8	0.8	0.4	2.9	2.0	1.6

Data for 1970 and 1980-1983 were classified according to the Singapore Standard Industrial Classification (SSIC) 1978 while data for 1976-1979 were classified according to the SSIC 1973.

Source: Ministry of Labour

¹ Census of Population.

3.5 EMPLOYED PERSONS BY OCCUPATION, 1970, 1976-1983

Thousand

Occupation	1970 ¹	1976	1977	1978	1979	1980 ¹	1981	1982	1983
Total	650.9	870.4	903.9	958.9	1,021.0	1,077.1	1,115.3	1,142.4	1,169.6
Professional & Technical Workers	56.1	86.9	84.6	81.8	87.6	95.1	101.2	106.3	111.4
Administrative, Managerial & Executive Workers	15.5	27.7	28.0	26.4	28.2	52.2	58.3	58.3	62.3
Clerical Workers	82.9	137.4	139.1	150.6	161.5	167.5	174.4	187.0	196.2
Sales Workers	102.6	136.2	141.6	147.5	156.0	132.0	142.7	153.7	162.6
Service Workers	88.8	92.7	97.6	107.1	113.5	112.2	123.0	124.5	126.4
Agricultural Workers & Fishermen	26.9	24.0	23.2	21.0	18.2	20.9	16.6	15.4	15.8
Production, Transport & Other Manual Workers	255.0	311.0	331.3	365.7	394.5	435.0	443.0	440.1	441.7
Workers Not Classifiable by Occupation	23.1	54.7	58.7	58.8	61.5	62.2	56.2	57.2	53.2

Data for 1970 and 1980-1983 were classified according to the Singapore Standard Occupational Classification (SSOC) 1978 while data for 1976-1979 were classified according to the SSOC 1973.

Source: Ministry of Labour

1 Census of Population.

3.6 EMPLOYED PERSONS AGED 10 AND OVER BY INDUSTRY AND OCCUPATION, 1983

Thousand

Occupation Industry	Total	Professional and Technical Workers	Administrative, Managerial and Executive Workers	Clerical Workers	Sales Workers	Services Workers	Agricultural Workers and Fishermen	Production, Transport and Other Manual Workers	Workers Not Classifiable by Occupation
Total	1,169.6	111.4	62.3	196.2	162.6	126.4	15.8	441.7	53.2
Agriculture & Fishing	11.8	0.3	0.4	0.4	0.1	0.1	10.3	0.3	-
Quarrying	2.4	0.4	0.3	0.4	-	0.1	-	1.3	-
Manufacturing	324.9	18.5	18.3	34.0	4.3	5.9	0.1	243.8	-
Utilities	8.5	1.5	0.2	1.6	-	0.4	0.1	4.6	-
Construction	84.1	5.3	2.5	5.7	0.1	0.7	0.1	69.6	-
Trade	266.0	3.2	13.1	42.7	151.3	36.2	0.2	19.2	-
Transport & Communications	131.9	8.5	6.7	39.1	0.6	7.7	0.1	69.3	-
Financial & Business Services	95.1	15.0	14.3	43.1	5.8	10.0	1.6	5.1	-
Other Services	243.3	58.7	6.5	29.1	0.4	65.3	3.3	27.0	53.1
Activities Not Adequately Defined	1.6	-	-	0.1	-	-	-	1.5	0.1

Source: Ministry of Labour

3.7 GOVERNMENT EMPLOYEES BY DIVISIONAL STATUS

Divisional Status	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	Number										
	56,482	56,670	58,777	59,776	61,707	68,569	72,281	71,081	69,866	68,677	69,051
	3,872	4,027	4,415	4,670	5,034	7,159	7,603	7,796	8,068	8,467	8,911
	16,555	17,141	17,542	18,015	18,655	23,122	23,491	23,051	22,724	22,962	23,441
	17,604	18,695	20,277	20,842	21,782	22,517	25,317	24,892	23,947	22,778	22,162
	18,451	16,807	16,543	16,249	16,236	15,771	15,870	15,342	15,127	14,470	14,537
Total	Per Cent										
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	6.8	7.1	7.5	7.8	8.2	10.5	10.5	11.0	11.5	12.3	12.9
	29.3	30.2	29.8	30.1	30.2	33.7	32.5	32.4	32.5	33.4	33.9
	31.2	33.0	34.5	34.9	35.3	32.8	35.0	35.0	34.3	33.2	32.1
	32.7	29.7	28.2	27.2	26.3	23.0	22.0	21.6	21.7	21.1	21.1

Note: Figures exclude daily-rated employees.

3.8 EMPLOYED PERSONS BY GROSS MONTHLY INCOME, 1974 - 1983

Thousand

Gross Monthly Income (\$)	1974	1975	1976	1977	1978	1979	1980 ¹	1981	1982	1983
TOTAL	824.3	833.5	870.4	903.9	958.9	1,021.0	1,072.9	1,089.6	1,115.6	1,143.4
Under 200	334.6	263.4	237.9	225.6	211.6	183.6	105.4	81.3	68.7	65.4
200 - 399	305.2	356.0	366.6	381.9	415.0	443.2	430.6	418.1	320.0	254.7
400 - 599	98.3	109.9	138.2	146.0	177.1	200.6	246.0	278.7	303.5	312.7
600 - 799	34.0	38.4	50.9	54.5	63.0	77.8	101.3	121.7	157.3	173.8
800 - 999	15.9	18.6	24.0	27.4	29.5	36.0	52.6	56.1	75.1	91.2
1,000 - 1,499	23.4	25.4	29.9	36.9	37.6	43.6	62.2	72.9	96.1	116.8
1,500 & Over	13.0	21.9	23.0	31.6	25.1	36.3	74.8	60.9	94.8	128.8

Note: Figures from 1981 exclude unpaid family workers.

Source: Ministry of Labour

¹ Sample Enumeration in the 1980 Census of Population.

3.9 AVERAGE WEEKLY EARNINGS

Dollars

Industry/Occupation	1975	1976	1977	1978	1979	1980	1981	1982	1983
All Industries	111.1	116.3	124.3	131.3	142.8	161.4	184.1	212.3	231.3
Agriculture & Fishing	103.3	96.6	104.8	107.7	118.0	139.4	157.7	194.0	194.4
Quarrying	157.4	156.0	172.0	195.7	214.7	249.9	350.0	378.3	490.7
Manufacturing	92.5	96.2	102.9	109.5	118.8	134.1	156.4	172.6	191.6
Utilities	120.5	127.9	138.5	152.1	165.2	188.0	193.8	254.9	274.1
Construction	101.9	108.4	119.3	128.5	139.3	160.3	198.5	205.5	200.9
Trade	99.4	107.5	114.2	122.4	134.7	157.4	186.0	204.6	220.7
Transport & Communications	124.0	127.6	138.1	145.8	162.4	181.6	200.0	232.8	258.9
Financial & Business Services	147.5	156.4	170.0	178.9	193.8	216.3	238.5	271.7	299.5
Other Services	128.8	135.1	141.5	151.0	164.3	183.9	197.1	254.3	277.2
All Occupations	111.1	116.3	124.3	131.3	142.8	161.4	184.1	212.3	231.3
Professional, Administrative & Managerial Workers	277.9	291.4	308.0	319.7	341.9	377.9	410.9	482.5	519.8
Clerical, Sales & Service Workers	92.1	94.8	100.3	108.5	116.6	130.8	144.0	162.3	173.6
Production, Transport & Other Manual Workers	73.8	78.0	82.2	88.2	96.6	110.4	129.1	143.1	156.0

Note: Data are compiled from the survey carried out in August each year.

Source: Ministry of Labour

3.10 AVERAGE WEEKLY EARNINGS INDEX
(May 1978 = 100)

Industry/Occupation	1975	1976	1977	1978	1979	1980	1981	1982	1983
All Industries	87.1	91.2	97.5	102.9	112.0	126.5	144.3	166.4	181.4
Agriculture & Fishing	98.0	91.6	99.4	102.1	111.9	132.2	149.5	184.0	184.4
Quarrying	85.9	85.1	93.9	106.8	117.2	136.4	191.0	206.5	267.9
Manufacturing	86.8	90.3	96.6	102.7	111.5	125.8	146.8	162.0	179.8
Utilities	84.1	89.2	96.6	106.1	115.2	131.1	135.2	177.8	191.2
Construction	82.3	87.6	96.3	103.7	112.4	129.5	160.2	165.9	162.2
Trade	83.8	90.6	96.3	103.2	113.6	132.7	156.8	172.5	186.1
Transport & Communications	86.8	89.3	96.7	102.1	113.7	127.1	140.0	163.0	181.2
Financial & Business Services	85.7	90.9	98.7	103.9	112.6	125.6	138.6	157.8	173.9
Other Services	88.0	92.3	96.7	103.1	112.3	125.6	134.7	173.7	189.4
All Occupations	87.1	91.2	97.5	102.9	112.0	126.5	144.3	166.4	181.4
Professional, Administrative & Managerial Workers	89.6	93.9	99.3	103.1	110.2	121.8	132.4	155.5	167.6
Clerical, Sales & Service Workers	87.2	89.8	95.0	102.7	110.4	123.9	136.3	153.6	164.4
Production, Transport & Other Manual Workers	86.6	91.6	96.6	103.6	113.5	129.7	151.7	168.1	183.2

Note: See note to Table 3.9

Source: Ministry of Labour

3.11 AVERAGE WEEKLY HOURS WORKED BY INDUSTRY

Industry	Hours								
	1975	1976	1977	1978	1979	1980	1981	1982	1983
All Industries	45.4	45.4	45.6	45.9	45.8	45.9	45.6	45.4	45.6
Agriculture & Fishing	42.6	44.9	44.5	44.5	43.6	43.8	43.7	43.9	44.4
Quarrying	46.6	46.4	46.8	47.7	46.2	46.9	49.5	49.6	49.2
Manufacturing	47.7	47.8	48.2	48.5	48.0	48.0	48.1	47.6	48.1
Utilities	48.8	47.8	47.8	48.1	47.9	48.2	48.0	48.0	48.3
Construction	48.0	47.5	47.1	47.4	47.1	48.1	49.3	50.5	50.5
Trade	44.5	44.3	44.3	44.2	44.2	44.1	44.1	44.0	43.9
Transport & Communications	46.6	45.4	46.6	47.2	46.7	47.1	47.4	46.8	46.5
Financial & Business Services	43.4	43.4	43.6	43.8	43.8	43.6	43.8	43.5	43.3
Other Services	41.8	42.2	42.1	41.7	42.1	42.0	39.7	39.9	39.9

Note: See note to Table 3.9

Source: Ministry of Labour

3.12 REGISTRATION AT EMPLOYMENT SERVICE

Number

Year	Number on 'Live' Register ¹	New Registrants			Vacancies Notified			Vacancies Filled		
		Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1973	32,119	13,296	7,967	5,329	8,134	6,084	2,050	7,483	5,826	1,657
1974	39,262	24,570	9,469	15,101	12,530	8,269	4,261	6,710	4,778	1,932
1975	38,896	28,380	13,325	15,055	21,814	12,886	8,928	8,458	5,612	2,846
1976	30,750	22,413	13,004	9,409	26,408	14,395	12,013	9,483	6,879	2,604
1977	18,127	23,630	12,933	10,697	25,634	14,363	11,271	9,373	6,489	2,884
1978	15,244	24,208	14,021	10,187	27,904	17,697	10,207	7,888	5,425	2,463
1979	8,600	18,910	11,112	7,798	19,223	11,402	7,821	7,329	4,668	2,661
1980	6,305	13,815	8,260	5,555	25,723	15,772	9,951	5,576	3,381	2,195
1981	6,453	13,357	7,470	5,887	31,496	19,432	12,064	5,627	3,669	1,958
1982	6,661	13,518	7,611	5,907	21,908	13,052	8,856	5,432	3,446	1,986
1983	6,053	12,686	7,968	4,718	29,449	16,261	13,188	4,345	2,986	1,359

¹ At end of period. From 1977, figures exclude those who already have jobs as confirmed by the Central Provident Fund Board's employment records.

Source: Ministry of Labour

3.13 CENTRAL PROVIDENT FUND CONTRIBUTORS BY AGE GROUP
(End of Period)

Age Group (Years)	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	Thousand										
	609.3	622.5	647.4	677.8	713.6	779.4	832.9	863.6	917.9	927.5	917.9
	2.3	1.2	1.3	2.0	2.0	2.4	2.3	1.8	1.3	0.8	0.8
	95.1	82.9	84.0	87.6	88.4	97.4	100.2	96.0	91.2	80.3	71.3
	152.4	147.1	160.9	169.1	175.8	192.4	204.2	209.1	219.1	212.7	203.3
	100.1	109.6	127.6	135.1	142.2	154.6	165.6	173.5	189.0	197.0	197.0
	63.9	61.5	61.8	69.0	81.3	94.9	110.2	123.9	133.1	139.1	142.4
	51.2	53.6	57.8	61.0	61.9	64.9	65.5	63.5	71.3	83.4	91.8
	41.1	41.6	45.2	46.5	48.0	52.7	57.3	59.4	63.7	64.1	63.9
	33.4	34.7	37.5	38.1	39.2	41.4	42.8	44.7	47.0	48.2	50.5
	24.4	25.0	26.7	27.6	28.9	31.7	33.8	34.8	36.3	37.3	37.6
	3.9	3.8	4.3	3.9	4.4	18.9	19.6	20.2	21.5	22.9	23.1
	26.5	50.7	35.2	33.1	33.8	19.7	20.3	22.8	23.2	22.0	21.4
	15.0	10.8	5.1	4.8	7.7	8.4	11.1	13.9	21.2	19.7	14.8
Total	Per Cent										
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0.4	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1
	15.6	13.3	13.0	12.9	12.4	12.5	12.0	11.1	9.9	8.7	7.8
	25.0	23.6	24.9	24.9	24.6	24.7	24.5	24.2	23.9	22.9	22.1
	16.4	17.6	19.7	19.9	19.9	19.8	19.9	20.1	20.6	21.2	21.5
	10.5	9.9	9.5	10.2	11.4	12.2	13.2	14.4	14.5	15.0	15.5
	8.4	8.6	8.9	9.0	8.7	8.3	7.9	7.4	7.8	9.0	10.0
	6.8	6.7	7.0	6.9	6.7	6.8	6.9	6.9	6.9	6.9	7.0
	5.5	5.6	5.8	5.6	5.5	5.3	5.1	5.2	5.1	5.2	5.5
	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.1
	0.6	0.6	0.7	0.6	0.6	2.4	2.4	2.3	2.4	2.5	2.5
	4.3	8.1	5.4	4.9	4.7	2.5	2.4	2.6	2.5	2.4	2.3
	2.5	1.8	0.8	0.7	1.1	1.1	1.3	1.6	2.3	2.1	1.6

Source: Central Provident Fund Board

3.14 CONTRIBUTORS TO THE CENTRAL PROVIDENT FUND BY WAGE LEVEL
(End of Period)

Monthly Wage Level (\$)	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Thousand											
Total	609.3	622.5	647.4	677.8	713.6	779.4	832.9	863.6	917.9	927.5	917.9
Below 100	46.0	27.3	24.0	23.0	22.5	23.9	20.4	12.4	9.6	7.9	6.5
100 - 199	195.9	130.5	117.5	110.4	103.2	86.1	66.9	51.3	39.9	60.8	27.8
200 - 299	138.5	161.0	162.1	175.0	185.3	203.8	184.1	135.9	115.4	81.7	77.4
300 - 399	72.0	85.0	93.1	101.7	109.9	117.1	138.3	165.8	134.2	108.2	85.0
400 - 499	46.7	57.7	62.2	68.3	74.9	82.6	96.0	100.2	129.7	119.1	110.7
500 - 599	30.4	41.8	47.4	50.0	52.7	60.6	73.5	85.8	88.6	91.8	102.5
600 - 799	30.3	45.2	55.6	57.7	63.2	77.9	93.9	107.7	127.4	129.4	140.0
800 - 999	15.5	21.3	25.8	29.0	32.7	40.8	51.6	64.2	79.0	89.2	97.3
1,000 - 1,199	10.2	13.7	15.8	16.3	18.2	22.9	29.4	37.8	51.4	56.7	67.0
1,200 - 1,499	7.4	11.1	14.0	15.4	17.4	21.0	25.2	31.0	43.8	56.8	62.1
1,500 - 1,999	8.5	16.3	21.0	11.1	12.5	16.6	22.6	30.4	40.4	47.0	55.6
2,000 - 2,499				13.2	15.1	8.1	9.6	10.9	17.7	24.1	29.6
2,500 - 2,999						4.0	5.0	6.5	9.1	13.1	17.0
3,000 & Over						6.8	8.7	12.4	18.3	27.3	32.2
Not Stated	7.9	11.6	8.9	6.7	6.0	7.2	7.7	11.3	13.4	14.4	7.2
Per Cent											
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Below 100	7.6	4.4	3.7	3.4	3.1	3.1	2.5	1.4	1.0	0.9	0.7
100 - 199	32.1	21.0	18.1	16.3	14.5	11.0	8.0	6.0	4.4	6.6	3.0
200 - 299	22.7	25.9	25.0	25.8	26.0	26.2	22.1	15.7	12.6	8.8	8.4
300 - 399	11.8	13.6	14.4	15.0	15.4	15.0	16.6	19.2	14.6	11.7	9.3
400 - 499	7.7	9.3	9.6	10.1	10.5	10.6	11.5	11.6	14.1	12.8	12.1
500 - 599	5.0	6.7	7.3	7.4	7.4	7.8	8.8	9.9	9.6	9.9	11.2
600 - 799	5.0	7.3	8.6	8.5	8.9	10.0	11.3	12.5	13.9	13.9	15.2
800 - 999	2.5	3.4	4.0	4.3	4.6	5.2	6.2	7.4	8.6	9.6	10.6
1,000 - 1,199	1.7	2.2	2.4	2.4	2.5	2.9	3.5	4.4	5.6	6.1	7.3
1,200 - 1,499	1.2	1.8	2.2	2.3	2.4	2.7	3.0	3.6	4.8	6.1	6.8
1,500 - 1,999	1.4	2.6	3.3	1.6	1.8	2.1	2.7	3.5	4.4	5.1	6.1
2,000 - 2,499				1.9	2.1	1.1	1.2	1.3	1.9	2.6	3.2
2,500 - 2,999						0.5	0.6	0.8	1.0	1.4	1.8
3,000 & Over						0.9	1.1	1.4	2.0	2.9	3.5
Not Stated	1.3	1.8	1.4	1.0	0.8	0.9	0.9	1.3	1.5	1.6	0.8

Source: Central Provident Fund Board

3.15 CENTRAL PROVIDENT FUND CONTRIBUTORS BY INDUSTRY
(End of Period)

Industry	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Thousand											
All Industries	609.3	622.5	647.4	677.8	713.6	779.4	832.9	863.6	917.9	927.5	917.9
Agriculture & Fishing	1.4	1.5	1.3	1.6	1.6	1.8	2.0	2.0	2.2	2.3	2.3
Quarrying	1.0	1.0	1.0	1.1	1.1	1.1	1.0	1.2	1.6	1.6	1.7
Manufacturing	210.1	200.0	196.9	217.0	230.4	259.1	280.7	284.2	292.2	274.6	261.0
Utilities	8.2	8.2	9.1	9.2	9.1	8.9	8.8	8.2	7.9	7.8	7.7
Construction	26.1	25.5	26.9	26.6	25.4	26.7	27.5	29.3	37.6	43.0	47.9
Trade	119.6	125.9	130.7	139.5	149.8	166.3	179.1	187.9	203.5	212.7	210.6
Transport & Communications	60.5	68.9	73.0	72.4	78.4	87.5	92.2	95.2	98.6	98.0	95.1
Financial & Business Services	49.3	52.3	58.4	61.5	65.1	69.9	77.4	84.3	95.1	102.1	107.0
Other Services	130.6	138.5	144.0	145.6	151.9	157.0	162.5	165.8	170.3	175.3	174.3
Activities Not Adequately Defined	2.5	0.7	6.1	3.3	0.8	1.1	1.7	5.5	8.9	10.1	10.3
Per Cent											
All Industries	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agriculture & Fishing	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
Quarrying	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2
Manufacturing	34.5	32.1	30.4	32.0	32.3	33.3	33.7	32.9	31.8	29.6	28.4
Utilities	1.4	1.3	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.8
Construction	4.3	4.1	4.2	3.9	3.6	3.4	3.3	3.4	4.1	4.6	5.2
Trade	19.6	20.2	20.2	20.6	21.0	21.3	21.5	21.8	22.2	22.9	22.9
Transport & Communications	9.9	11.1	11.3	10.7	11.0	11.2	11.1	11.0	10.7	10.6	10.4
Financial & Business Services	8.1	8.4	9.0	9.1	9.1	9.0	9.3	9.8	10.4	11.0	11.7
Other Services	21.4	22.3	22.2	21.5	21.3	20.2	19.5	19.2	18.5	18.9	19.0
Activities Not Adequately Defined	0.4	0.1	0.9	0.5	0.1	0.1	0.2	0.6	1.0	1.1	1.1

Source: Central Provident Fund Board

3.16 CENTRAL PROVIDENT FUND MEMBERS BY AGE GROUP
(End of Period)

Age Group (Years)	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	Thousand										
	962.0	1,041.6	1,104.4	1,177.5	1,251.1	1,340.8	1,435.6	1,518.7	1,649.7	1,725.3	1,778.9
	Under 15	3.0	1.8	1.7	2.6	3.1	3.1	2.8	2.0	1.3	1.3
	15 - 19	142.5	142.6	141.7	147.8	152.4	163.7	172.7	177.0	164.8	150.9
	20 - 24	232.1	246.2	270.6	286.2	297.0	308.4	322.5	333.5	357.2	368.6
	25 - 29	152.9	175.3	208.2	226.5	244.3	264.5	286.7	305.0	334.9	362.8
	30 - 34	110.3	109.5	110.3	123.5	146.4	168.5	197.2	227.3	252.1	290.6
	35 - 39	87.2	95.0	103.7	112.5	116.6	121.4	123.1	121.3	138.3	184.4
	40 - 44	67.7	70.6	77.8	82.6	86.5	94.9	105.2	112.2	123.8	131.8
	45 - 49	54.4	57.9	63.2	66.5	69.5	72.8	77.1	82.4	88.7	101.2
	50 - 54	40.8	42.3	45.2	48.3	51.7	56.0	60.6	64.0	68.3	74.2
	55 & Over	51.1	82.5	59.0	61.7	64.8	66.3	69.6	77.3	82.0	88.3
	Not Stated	20.0	17.9	23.0	19.3	19.3	21.2	17.8	18.7	25.4	24.8
Total	Per Cent										
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Under 15	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
	15 - 19	14.8	13.7	12.8	12.6	12.2	12.0	11.4	10.7	9.6	8.5
	20 - 24	24.1	23.6	24.5	24.3	23.8	23.0	22.5	22.0	21.7	20.7
	25 - 29	15.9	16.8	18.9	19.2	19.5	19.7	20.0	20.1	20.3	20.4
	30 - 34	11.5	10.5	10.0	10.5	11.7	12.6	13.7	15.0	15.3	16.3
	35 - 39	9.1	9.1	9.4	9.6	9.3	9.1	8.6	8.0	8.4	10.4
	40 - 44	7.0	6.8	7.0	7.0	6.9	7.1	7.3	7.4	7.5	7.4
	45 - 49	5.7	5.6	5.7	5.7	5.6	5.4	5.4	5.4	5.4	5.7
	50 - 54	4.2	4.1	4.1	4.1	4.1	4.2	4.2	4.2	4.1	4.2
	55 & Over	5.3	7.9	5.3	5.2	5.2	4.9	4.9	5.1	5.0	4.9
	Not Stated	2.1	1.7	2.1	1.6	1.5	1.6	1.2	1.2	1.5	1.4

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

Source: Central Provident Fund Board

3.17 CENTRAL PROVIDENT FUND MEMBERS BY BALANCES
(End of Period)

Balance (\$)	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
	Thousand										
Total	962.0	1,041.6	1,104.4	1,177.5	1,251.1	1,340.8	1,435.6	1,518.7	1,649.7	1,725.3	1,778.9
Below 200	293.5	268.0	259.9	262.5	266.8	275.8	267.6	259.5	267.9	244.8	241.9
200 - 399	125.3	117.0	106.3	110.5	112.9	116.0	110.4	104.0	115.5	112.8	110.9
400 - 599	90.1	83.6	74.1	73.5	75.1	78.2	79.1	72.2	76.0	75.0	73.6
600 - 799	67.7	65.9	60.8	57.5	59.8	61.7	63.3	58.1	58.4	58.8	56.9
800 - 999	47.4	55.4	50.8	48.0	49.6	51.5	53.2	49.7	48.7	47.6	47.1
1,000 - 1,999	121.6	162.9	173.0	172.1	168.9	179.0	188.0	184.6	172.3	168.3	159.3
2,000 - 2,999	63.4	78.7	99.3	104.9	110.5	113.8	123.5	131.4	124.6	116.1	106.5
3,000 - 3,999	37.4	51.0	61.0	73.5	76.8	82.1	89.6	100.0	102.5	94.1	84.9
4,000 - 5,999	43.0	57.2	75.1	89.7	103.9	110.3	123.7	139.3	156.5	148.6	136.9
6,000 - 7,999	23.5	31.9	43.4	52.2	61.3	72.4	80.3	93.5	109.1	117.5	109.8
8,000 - 9,999	14.3	19.5	27.2	34.4	39.6	46.3	57.6	65.8	79.4	91.7	92.0
10,000 - 19,999	34.8	50.5	50.1	66.3	82.7	97.0	122.2	154.4	193.9	242.5	276.8
20,000 - 29,999			13.4	16.9	21.6	27.4	37.0	50.7	67.0	94.4	121.4
30,000 & Over			10.0	15.5	21.6	29.3	40.1	55.5	77.9	113.1	160.9
	Per Cent										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Below 200	30.5	25.7	23.5	22.3	21.3	20.6	18.6	17.1	16.2	14.2	13.6
200 - 399	13.0	11.2	9.6	9.4	9.0	8.7	7.7	6.8	7.0	6.5	6.2
400 - 599	9.4	8.0	6.7	6.3	6.0	5.8	5.5	4.8	4.6	4.3	4.1
600 - 799	7.0	6.3	5.5	4.9	4.8	4.6	4.4	3.8	3.5	3.4	3.2
800 - 999	4.9	5.3	4.6	4.1	4.0	3.8	3.7	3.3	3.0	2.8	2.6
1,000 - 1,999	12.6	15.6	15.7	14.6	13.5	13.3	13.1	12.2	10.4	9.8	9.0
2,000 - 2,999	6.6	7.6	9.0	8.9	8.8	8.5	8.6	8.7	7.6	6.7	6.0
3,000 - 3,999	3.9	4.9	5.5	6.2	6.1	6.1	6.3	6.6	6.2	5.4	4.8
4,000 - 5,999	4.5	5.5	6.8	7.6	8.3	8.2	8.6	9.2	9.5	8.6	7.7
6,000 - 7,999	2.5	3.1	3.9	4.4	4.9	5.4	5.6	6.1	6.6	6.8	6.2
8,000 - 9,999	1.5	1.9	2.5	2.9	3.2	3.5	4.0	4.3	4.8	5.3	5.2
10,000 - 19,999	3.6	4.9	4.5	5.6	6.6	7.2	8.5	10.2	11.8	14.1	15.6
20,000 - 29,999			1.2	1.5	1.7	2.0	2.6	3.3	4.1	5.5	6.8
30,000 & Over			1.0	1.3	1.8	2.3	2.8	3.6	4.7	6.6	9.0

Source: Central Provident Fund Board

3.18 PARTICIPANTS IN TRAINING COURSES FOR MANAGEMENT AND SUPERVISORS, 1981 - 1983

Persons

	Diploma/Certificate Courses						Short Courses						Seminars/Workshops		
	Enrolled			Completed			Enrolled			Completed			Participated		
	1981	1982	1983	1981	1982	1983	1981	1982	1983	1981	1982	1983	1981	1982	1983
Total	443	1,049	1,075	174	342	612	5,203	6,519	7,942	4,636	5,426	5,791	684	1,174	3,367
Management ¹	249	742	607	45	139	238	140	684	950	140	657	950	222	856	2,768
Supervisory Development ²	-	-	-	-	15	52	1,977	3,346	3,634	1,977	3,136	2,834	-	-	114
Computer Training ²	130	214	262	77	168	281	661	1,182	1,499	294	500	659	286	131	172
Industrial Engineering	-	-	-	-	-	-	1,198	92	-	1,191	118	-	114	65	-
Occupational Safety & Health	64	93	206	52	20	41	1,227	1,215	1,859	1,034	1,015	1,348	62	122	313

¹ Data shown under Short Courses include those who have enrolled and completed the Performance Appraisal Course.

Source: National Productivity Board

² Figures on those who completed the Diploma/Certificate Courses refer to those who have completed all the modules of the training programme, while those who are still attending the course are shown under Short Courses.

3.19 PARTICIPANTS IN COURSES IN LABOUR-MANAGEMENT RELATIONS, 1981 - 1983

Persons

	Courses						Seminar/Workshops		
	Enrolled			Completed			Participated		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Total	162	1,228	2,195	162	1,203	2,161	400	5,100	13,891
Quality Control Circle	149	1,117	1,548	149	1,117	1,489	400	4,933	11,201
Joint Labour-Management Consultation	13	111	647	13	86	672	-	167	2,690

Source: National Productivity Board

3.20 QUALITY CONTROL CIRCLES, 1982 AND 1983

Number

	1982					1983				
	Total	Feb-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Total	Feb-Mar	Apr-Jun	Jul-Sep	Oct-Dec
Registered Quality Control Circles	354	132	89	90	43	1,106	525	192	194	195
Organisations (Companies, Government Bodies & Statutory Boards)	44	24	8	8	4	54	29	11	8	6
Membership	2,682	964	689	711	318	8,179	3,821	1,435	1,406	1,517

Source: National Productivity Board

3.21 TRADE UNIONS AND MEMBERSHIP

Number

Year	Employee Class		Employer Class	
	Unions	Members	Unions	Members
1973	92	191,481	51	6,644
1974	90	203,561	51	6,508
1975	89	208,561	51	6,822
1976	91	221,936	51	6,852
1977	90	229,056	51	6,961
1978	89	236,907	50	6,775
1979	85	249,710	50	6,798
1980	83	243,841	49	6,816
1981	86	224,362	47	6,798
1982	89	214,337	45	7,008
1983	90	205,155	42	6,579

Source: Ministry of Labour

3.22 INDUSTRIAL STOPPAGES AND TRADE DISPUTES

Year	Industrial Stoppages			Trade Disputes ¹
	Number	Workers Involved	Man-days Lost	Number
1973	5	1,312	2,295	997
1974	10	1,901	5,380	1,091
1975	7	1,865	4,853	709
1976	4	1,576	3,193	694
1977	1	406	1,011	640
1978	-	-	-	548
1979	-	-	-	577
1980	-	-	-	484
1981	-	-	-	392
1982	-	-	-	311
1983	-	-	-	353

1 From 1979, figures exclude "refusal to negotiate" and "union recognition" cases as they were not classified as trade disputes from then.

Source: Ministry of Labour

4. NATIONAL INCOME AND BALANCE OF PAYMENTS

National Accounts

The output and expenditure approaches are adopted for compiling national income aggregates of Singapore. The compilation followed closely the concepts, definitions and methodology given in the United Nations' publication "A System of National Accounts, 1968".

The development of the Singapore economy depends heavily on foreign capital, foreign technology and foreign workers. Consequently a large share of the compensation of employees and of the operating surplus as well as the consumption of fixed capital of establishments as recorded in national accounts, accrues to foreigners and foreign enterprises.

As such, per capita GNP as conventionally defined on a residential basis is not a true reflection of

the income of Singaporeans. Hence a new series on indigenous per capita GNP which excludes the foreigners' contribution was compiled. This involves the calculation of income accruing to foreign workers and foreign enterprises which are residents of Singapore and the exclusion of this amount from the GDP. The indigenous per capita GNP for the years 1973 and 1974 were evaluated and accepted by the International Monetary Fund (IMF) and used as the basis for classifying Singapore as a developing country.

Definitions:

Gross National Product - The aggregate value of output produced by productive factors owned by Singapore residents irrespective of whether they are located within Singapore's geographical boundary or abroad.

Indigenous Gross National Product - The aggregate value of output produced by Singaporeans.

Gross Domestic Product - The aggregate value of output produced within the domestic territory of Singapore.

Expenditure on Gross Domestic Product - The sum of private consumption expenditure of households including non-profit making institutions, government consumption expenditure, gross domestic capital formation and net exports to the rest of the world.

Output and Expenditure GDP Deflators - The ratios of current price estimates to the corresponding estimates at 1968 prices. They measure implicitly

the price changes in the current price aggregates.

GNP, GDP and expenditure on GDP are valued at market prices, that is, they are valued at the actual transacted prices and included customs and excise duties and other indirect taxes levied but exclude government grants and subsidies.

Balance of Payments

Singapore's balance of payments records all economic transactions between residents of Singapore and residents of the rest of the world (non-residents). The methods used in the compilation are based on the principles recommended in the Balance of Payments Manual published by the International Monetary Fund (IMF). The estimates are compiled mainly from trade and shipping

statistics, data obtained from regular surveys of companies, administrative records of government departments and statutory authorities.

Transactions entered into Singapore's balance of payments are classified under three main categories, viz:

- (a) Transactions in goods and services such as exports and imports of merchandise, receipts from services rendered to or payments for services received from non-residents;
- (b) Unrequited transfers which record private remittances to and from abroad as well as government receipts of grants from and payments of pensions and compensation to non-residents;
- (c) Private and official financial transactions involving

changes in Singapore's foreign assets and liabilities.

Transactions in goods and services and unrequited transfers which are related to Singapore's current income and expenditure are grouped in the current account, whereas private and official financial transactions which affect Singapore's claims on and liabilities to non-residents are classified in the capital account.

As a result of improvements made in the system of data collection and the availability of supplementary data, the estimates for some transactions in the current account from 1974 onwards were revised during the year. Data for earlier years were, however, not revised as retrospective data were not available. The studies to improve the compilation of the balance of payments estimates are still continuing and the estimates will be revised accordingly as and when appropriate.

4.1 INDIGENOUS GROSS NATIONAL PRODUCT
(At Current Market Prices)

Million Dollars

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983*
Total Gross Domestic Product	10,205	12,543	13,373	14,575	15,969	17,751	20,452	24,285	28,696	31,946	35,171
Share of Resident Foreigners & Resident Foreign Companies in GDP	2,090	2,990	3,059	3,289	3,431	4,616	6,220	7,736	8,241	8,873	9,895
Indigenous GDP	8,115	9,553	10,314	11,286	12,538	13,135	14,232	16,549	20,455	23,073	25,276
Net Factor Receipts of Singa- poreans from Rest of the World	294	413	747	711	743	911	1,287	1,373	1,655	1,899	2,324
Indigenous GNP	8,409	9,966	11,061	11,997	13,281	14,046	15,519	17,922	22,110	24,972	27,600
Per Capita Indigenous GNP (S\$)	3,849	4,491	4,889	5,231	5,712	5,968	6,511	7,424	9,049	10,103	11,031

4.2 OUTPUT, SAVING AND INVESTMENT
(At Current Market Prices)

Million Dollars

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983*
Gross National Product											
Gross National Product at Market Prices	9,981.2	12,192.6	13,496.5	14,493.9	15,781.6	17,707.6	20,373.4	23,312.9	27,699.1	31,046.5	34,485.9
Gross Domestic Product at Factor Cost	9,437.8	11,738.2	12,507.2	13,586.2	14,846.7	16,474.9	18,904.9	22,466.0	26,523.3	29,466.5	32,251.7
Indirect Taxes	767.3	805.0	865.8	989.0	1,122.2	1,275.7	1,547.4	1,818.8	2,172.7	2,479.5	2,919.7
Net Factor Income from Abroad	-223.9	-350.6	123.5	-81.3	-187.3	-43.0	-78.9	-971.9	-996.9	-899.5	-685.5
Generation of Gross National Saving											
Gross National Saving	2,725.0	3,102.4	3,850.9	4,441.2	4,904.4	5,649.0	6,946.6	7,641.8	9,859.6	11,643.7	13,846.0
Gross Domestic Saving	2,959.0	3,548.1	3,819.7	4,643.6	5,200.0	5,780.4	7,101.6	8,723.0	10,986.5	12,788.3	14,750.6
Gross Domestic Product at Market Prices	10,205.1	12,543.2	13,373.0	14,575.2	15,968.9	17,750.6	20,452.3	24,284.8	28,696.0	31,946.0	35,171.4
Less: Private & Government Consumption Expenditure	7,457.8	8,956.0	9,543.7	10,147.4	10,984.9	12,113.8	13,278.8	15,426.7	17,365.9	19,175.8	20,606.7
Statistical Discrepancy	211.7	-39.1	-9.6	215.8	216.0	143.6	-71.9	-135.1	-343.6	18.1	185.9
Net Factor Income from Abroad	-223.9	-350.6	123.5	-81.3	-187.3	-43.0	-78.9	-971.9	-996.9	-899.5	-685.5
Net Transfers from Abroad	-10.1	-95.1	-92.3	-121.1	-108.3	-88.4	-76.1	-109.3	-130.0	-245.1	-219.1
Finance of Gross Domestic Capital Formation											
Gross Domestic Capital Formation	4,000.0	5,592.0	5,236.1	5,843.0	5,624.2	6,678.0	8,546.7	10,991.1	12,780.1	14,425.5	15,865.9
Gross National Saving	2,725.0	3,102.4	3,850.9	4,441.2	4,904.4	5,649.0	6,946.6	7,641.8	9,859.6	11,643.7	13,846.0
Net Borrowing from Abroad	1,275.0	2,489.6	1,385.2	1,401.8	719.8	1,029.0	1,600.1	3,349.3	2,920.5	2,781.8	2,019.9

4.3 GROSS DOMESTIC PRODUCT BY INDUSTRY

Million Dollars

Industry	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983*
At Current Market Prices											
Total	10,205.1	12,543.2	13,373.0	14,575.2	15,968.9	17,750.6	20,452.3	24,284.8	28,696.0	31,946.0	35,171.4
Agriculture & Fishing	214.3	229.9	254.2	256.8	283.1	273.7	295.2	320.3	355.1	347.2	344.4
Quarrying	28.8	33.6	47.1	56.2	49.1	38.4	42.9	81.8	104.6	130.3	152.7
Manufacturing	2,429.0	3,084.6	3,226.2	3,611.5	4,020.7	4,620.9	5,766.7	6,919.3	8,441.0	8,224.0	8,467.7
Utilities	218.2	231.6	250.2	273.7	291.9	351.5	424.7	557.8	484.9	601.4	666.5
Construction	725.9	929.3	1,084.0	1,205.1	1,200.3	1,122.2	1,242.6	1,560.8	2,053.8	2,939.8	3,862.8
Trade	2,771.8	3,588.3	3,608.0	3,815.2	4,232.1	4,631.0	5,135.9	5,719.6	6,276.7	6,911.8	7,240.6
Transport & Communications	1,127.9	1,338.0	1,517.6	1,795.5	2,123.6	2,616.8	2,920.3	3,476.7	3,953.4	4,200.5	4,562.8
Financial & Business Services	1,553.5	1,882.0	2,123.7	2,233.0	2,349.9	2,581.6	3,144.4	4,175.4	5,502.8	6,597.6	7,902.7
Other Services	1,125.8	1,392.2	1,576.1	1,679.4	1,746.8	1,911.9	2,149.1	2,457.2	2,874.4	3,621.8	4,086.7
Less: Imputed Bank Service Charge	228.5	389.4	542.2	611.6	632.7	737.6	1,039.2	1,410.9	1,778.6	2,109.9	2,626.5
Add: Import Duties	238.4	223.1	228.1	260.4	304.1	340.2	369.7	426.8	427.9	481.5	511.0
At 1968 Market Prices											
Total	7,941.3	8,445.2	8,790.3	9,447.4	10,193.2	11,074.0	12,114.1	13,366.5	14,695.2	15,627.5	16,869.0
Agriculture & Fishing	145.8	135.5	139.9	154.9	156.5	155.4	160.7	163.9	165.4	159.8	156.3
Quarrying	26.0	29.4	39.2	43.1	42.0	36.4	41.5	44.7	58.3	73.7	90.3
Manufacturing	1,841.2	1,910.6	1,879.5	2,084.6	2,261.4	2,507.1	2,873.3	3,215.9	3,531.5	3,358.3	3,437.7
Utilities	200.0	208.5	223.3	244.4	276.1	326.1	355.8	381.1	407.6	422.8	456.9
Construction	432.9	459.4	533.9	591.3	578.4	536.1	575.0	632.9	745.3	1,041.2	1,390.9
Trade	2,117.9	2,342.5	2,372.6	2,450.8	2,642.9	2,827.5	3,035.6	3,261.0	3,458.6	3,664.2	3,816.7
Transport & Communications	1,041.3	1,123.8	1,230.7	1,399.3	1,629.9	1,885.3	2,149.3	2,445.5	2,788.4	3,056.5	3,281.7
Financial & Business Services	1,184.5	1,328.1	1,491.4	1,573.2	1,651.9	1,769.7	1,988.7	2,408.4	2,844.4	3,168.8	3,656.0
Other Services	960.2	1,036.7	1,115.6	1,171.7	1,208.2	1,305.6	1,384.2	1,468.5	1,569.2	1,728.8	1,893.8
Less: Imputed Bank Service Charge	197.8	288.2	387.4	429.5	435.7	471.3	660.9	893.6	1,102.2	1,299.0	1,556.4
Add: Import Duties	189.3	158.9	151.6	163.6	181.6	196.1	210.9	238.2	228.7	252.4	245.6

4.4 QUARTERLY GROSS DOMESTIC PRODUCT BY INDUSTRY
(At 1968 Market Prices)

Million Dollars

Period	Total	Agriculture & Fishing	Quarrying	Manufacturing	Utilities	Construction	Trade	Transport & Communications	Financial & Business Services	Other Services	Less Imputed Bank Service Charge	Add Import Duties
1978												
1st Quarter	2,621.0	38.2	8.3	567.8	74.6	127.4	671.5	443.4	418.2	325.4	105.4	51.6
2nd Quarter	2,657.9	38.1	9.0	605.2	79.5	133.5	669.9	444.7	432.9	316.0	113.3	42.4
3rd Quarter	2,851.8	38.4	9.6	649.2	85.0	132.2	731.4	490.8	458.6	327.1	121.1	50.6
4th Quarter	2,943.3	40.7	9.5	684.9	87.0	143.0	754.7	506.4	460.0	337.1	131.5	51.5
1979												
1st Quarter	2,852.9	38.6	9.2	649.7	84.0	132.8	719.1	495.8	481.1	347.5	155.5	50.6
2nd Quarter	2,948.3	39.4	10.7	708.6	87.9	145.6	723.2	518.1	492.2	339.6	162.2	45.2
3rd Quarter	3,080.9	39.7	10.9	733.2	91.4	142.1	780.0	551.5	493.5	347.9	163.8	54.5
4th Quarter	3,232.0	43.0	10.7	781.8	92.5	154.5	813.3	583.9	521.9	349.2	179.4	60.6
1980												
1st Quarter	3,178.6	39.8	9.1	738.9	89.9	148.4	770.3	584.1	574.8	367.6	207.7	63.4
2nd Quarter	3,256.9	40.2	10.8	802.0	94.9	158.9	782.3	589.7	589.3	358.5	221.6	51.9
3rd Quarter	3,411.3	40.8	11.8	823.5	98.0	157.3	832.6	639.1	610.2	366.0	228.4	60.4
4th Quarter	3,519.7	43.1	13.0	851.5	98.3	168.3	875.8	632.6	634.1	376.4	235.9	62.5
1981												
1st Quarter	3,480.7	42.1	13.7	810.4	94.6	159.1	827.6	654.6	676.8	390.7	253.7	64.8
2nd Quarter	3,605.0	39.9	14.1	902.4	101.8	174.6	827.1	676.3	698.9	382.2	261.5	49.2
3rd Quarter	3,765.9	41.1	14.2	913.5	106.0	190.1	880.7	725.2	727.6	389.7	276.1	53.9
4th Quarter	3,843.6	42.3	16.3	905.2	105.2	221.5	923.2	732.3	741.1	406.6	310.9	60.8
1982												
1st Quarter	3,756.2	41.2	15.4	835.6	98.4	217.2	884.0	736.2	749.2	419.2	305.6	65.4
2nd Quarter	3,837.5	38.9	16.8	863.8	106.0	251.4	878.0	758.0	777.5	422.1	331.3	56.3
3rd Quarter	3,964.1	39.8	20.0	846.3	109.4	276.5	928.1	780.3	800.8	435.4	334.4	61.9
4th Quarter	4,069.7	39.9	21.5	812.6	109.0	296.1	974.1	782.0	841.3	452.1	327.7	68.8
1983*												
1st Quarter	3,950.2	39.7	22.2	778.2	103.9	283.8	919.3	782.3	881.5	460.2	384.8	63.9
2nd Quarter	4,127.3	38.1	22.9	852.4	116.3	352.8	911.2	815.1	907.7	459.7	407.2	58.3
3rd Quarter	4,305.4	39.4	21.8	884.8	119.4	365.4	969.5	840.7	924.9	479.6	400.0	59.9
4th Quarter	4,486.1	39.1	23.4	921.8	117.3	388.9	1,016.7	843.6	941.9	494.3	364.4	63.5

4.5 GROSS DOMESTIC PRODUCT DEFLATORS BY INDUSTRY
(1968 = 100)

Industry	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983*
Total	128.5	148.5	152.1	154.3	156.7	160.3	168.8	181.7	195.3	204.4	208.5
Agriculture & Fishing	147.0	169.7	181.7	165.8	180.9	176.1	183.7	195.4	214.7	217.3	220.3
Quarrying	110.8	114.3	120.2	130.4	116.9	105.5	103.4	183.0	179.4	176.8	169.1
Manufacturing	131.9	161.4	171.7	173.2	177.8	184.3	200.7	215.2	239.0	244.9	246.4
Utilities	109.1	111.1	112.0	112.0	105.7	107.8	119.4	146.4	119.0	142.2	145.9
Construction	167.7	202.3	203.0	203.8	207.5	209.3	216.1	246.6	275.6	282.3	277.7
Trade	130.9	153.2	152.1	155.7	160.1	163.8	169.2	175.4	181.5	188.6	189.7
Transport & Communications	108.3	119.1	123.3	128.3	130.3	138.8	135.9	142.2	141.8	137.4	139.0
Financial & Business Services	131.2	141.7	142.4	141.9	142.3	145.9	158.1	173.4	193.5	208.2	216.2
Other Services	117.2	134.3	141.3	143.3	144.6	146.4	155.3	167.3	183.2	209.5	215.8

4.6 EXPENDITURE ON GROSS DOMESTIC PRODUCT

Million Dollars

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983*
Total Private Consumption Expenditure Government Consumption Expenditure Gross Domestic Fixed Capital Formation Increase in Stocks Less: Net Imports of Goods & Services Statistical Discrepancy	At Current Market Prices										
	10,205.1	12,543.2	13,373.0	14,575.2	15,968.9	17,750.6	20,452.3	24,284.8	28,696.0	31,946.0	35,171.4
	6,340.1	7,657.6	8,120.7	8,605.9	9,268.6	10,149.1	11,245.2	12,979.3	14,577.3	15,612.3	16,622.3
	1,117.7	1,298.4	1,423.0	1,541.5	1,716.3	1,964.7	2,033.6	2,447.4	2,788.6	3,563.5	3,984.4
	3,561.1	4,694.8	4,698.4	5,149.1	5,282.8	6,085.7	7,166.4	9,566.6	11,987.6	14,795.4	16,622.9
	438.9	897.2	537.7	693.9	341.4	592.3	1,380.3	1,424.5	792.5	-369.9	-757.0
	1,041.0	2,043.9	1,416.4	1,199.4	424.2	897.6	1,445.1	2,268.1	1,793.6	1,637.2	1,115.3
	-211.7	39.1	9.6	-215.8	-216.0	-143.6	71.9	135.1	343.6	-18.1	-185.9
	At 1968 Market Prices										
	7,941.3	8,445.2	8,790.3	9,447.4	10,193.2	11,074.0	12,114.1	13,366.5	14,695.2	15,627.5	16,869.0
	5,100.0	5,436.1	5,599.2	5,895.9	6,220.2	6,636.1	7,101.5	7,650.5	8,173.8	8,615.1	9,165.1
	940.1	941.1	966.9	1,015.3	1,108.9	1,236.5	1,218.7	1,337.9	1,408.4	1,558.9	1,720.1
	2,614.5	2,884.1	2,766.3	2,908.6	2,952.2	3,333.0	3,740.9	4,494.1	5,204.0	6,415.8	6,912.5
	181.7	483.6	304.9	379.1	178.4	304.8	605.0	518.4	277.3	-135.1	-286.5
	828.2	1,336.5	920.5	771.4	305.5	521.7	570.8	605.6	363.9	791.9	662.9
	-66.8	36.8	73.5	19.9	39.0	85.3	18.8	-28.8	-4.4	-35.3	20.7

4.7 DEFLATORS OF EXPENDITURE ON GROSS DOMESTIC PRODUCT
(1968 = 100)

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983*
Total	128.5	148.5	152.1	154.3	156.7	160.3	168.8	181.7	195.3	204.4	208.5
Private Consumption Expenditure	124.3	140.9	145.0	146.0	149.0	152.9	158.3	169.7	178.3	181.2	181.4
Government Consumption Expenditure	118.9	138.0	147.2	151.8	154.8	158.9	166.9	182.9	198.0	228.6	231.6
Gross Domestic Fixed Capital Formation	136.2	162.8	169.8	177.0	178.9	182.6	191.6	212.9	230.4	230.6	240.5
Exports of Goods & Services	125.7	177.4	178.9	190.9	198.6	202.5	225.2	259.1	274.4	277.0	261.5
Imports of Goods & Services	125.7	174.9	177.0	188.9	197.4	201.6	226.0	262.1	277.7	274.9	259.3

4.8 PRIVATE CONSUMPTION EXPENDITURE

Million Dollars

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983*
At Current Market Prices											
Total	6,340.1	7,657.6	8,120.7	8,605.9	9,268.6	10,149.1	11,245.2	12,979.3	14,577.3	15,612.3	16,622.3
Food & Beverages	2,144.0	2,495.5	2,648.8	2,733.7	2,967.0	3,163.4	3,476.6	3,997.5	4,561.8	4,807.1	5,063.4
Clothing & Footwear	718.2	783.2	748.2	809.2	877.2	979.9	1,117.0	1,275.1	1,489.3	1,651.6	1,745.7
Rent & Utilities	694.6	815.9	920.5	1,007.4	1,067.6	1,129.9	1,219.7	1,390.4	1,493.1	1,644.1	1,760.8
Furniture & Household Equipment	571.0	752.0	813.8	857.9	926.3	1,006.6	1,114.5	1,322.9	1,490.9	1,546.7	1,656.5
Medical Services	178.7	217.8	249.1	269.3	298.3	326.4	350.9	411.7	445.3	483.4	538.0
Transport & Communications	830.6	985.5	1,005.9	1,119.8	1,325.4	1,526.0	1,820.4	2,231.9	2,418.5	2,628.9	2,776.1
Recreation & Education	761.9	992.4	1,013.7	1,056.6	1,144.7	1,379.4	1,647.7	1,802.7	2,164.8	2,275.0	2,386.5
Other Goods & Services	1,284.3	1,589.4	1,693.7	1,805.1	1,942.9	2,205.5	2,565.0	3,165.3	3,792.8	3,913.0	4,070.8
Add: Residents' Expenditure Abroad	305.5	322.9	332.4	357.9	397.5	440.1	475.2	553.5	614.8	799.3	898.5
Less: Non-residents' Expenditure Locally	1,148.7	1,297.0	1,305.4	1,411.0	1,678.3	2,008.1	2,541.8	3,171.7	3,894.0	4,136.8	4,274.0
At 1968 Market Prices											
Total	5,100.0	5,436.1	5,599.2	5,895.9	6,220.2	6,636.1	7,101.5	7,650.5	8,173.8	8,615.1	9,165.1
Food & Beverages	1,701.7	1,663.8	1,690.2	1,802.2	1,887.4	1,961.6	2,098.4	2,245.5	2,337.5	2,381.1	2,469.8
Clothing & Footwear	525.0	529.2	519.0	553.9	598.8	651.7	718.1	815.0	930.4	1,013.2	1,063.9
Rent & Utilities	523.6	561.4	604.3	635.6	668.2	700.8	726.7	756.6	786.0	830.8	873.2
Furniture & Household Equipment	455.4	499.4	556.6	574.1	593.0	615.0	658.0	751.8	811.7	816.5	878.6
Medical Services	155.3	162.9	172.1	182.3	201.0	211.3	220.4	229.5	234.7	244.9	249.8
Transport & Communications	728.9	744.7	732.9	786.1	919.1	1,028.1	1,180.1	1,307.8	1,370.2	1,491.7	1,573.7
Recreation & Education	641.5	782.0	799.6	819.8	879.2	1,007.0	1,178.1	1,305.3	1,553.1	1,652.3	1,796.1
Other Goods & Services	1,044.3	1,178.2	1,195.4	1,263.4	1,333.0	1,485.8	1,626.8	1,797.9	2,009.2	2,085.7	2,186.2
Add: Residents' Expenditure Abroad	243.2	227.3	229.2	245.2	266.8	287.8	300.1	328.5	342.9	424.9	474.2
Less: Non-residents' Expenditure Locally	918.9	912.8	900.1	966.7	1,126.3	1,313.0	1,605.2	1,887.4	2,201.9	2,326.0	2,400.4

4.9 GROSS DOMESTIC FIXED CAPITAL FORMATION

Million Dollars

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983*
	At Current Market Prices										
Total	3,561.1	4,694.8	4,698.4	5,149.1	5,282.8	6,085.7	7,166.4	9,566.6	11,987.6	14,795.4	16,622.9
Construction & Works	1,478.3	1,951.3	2,120.6	2,375.5	2,392.2	2,466.0	2,913.9	4,240.3	5,918.3	7,933.9	10,211.6
Residential Buildings	814.1	1,043.6	1,051.4	1,180.1	1,232.0	1,015.3	988.0	1,392.2	1,950.1	3,172.4	5,236.9
Non-residential Buildings	455.7	602.9	648.7	679.1	670.4	963.4	1,405.3	2,047.5	3,077.2	3,791.7	3,980.1
Other Construction & Works	208.5	304.8	420.5	516.3	489.8	487.3	520.6	800.6	891.0	969.8	994.6
Transport Equipment	684.3	894.4	733.5	1,034.7	1,269.3	1,525.9	1,955.9	2,286.4	2,266.1	2,625.1	2,601.5
Machinery & Equipment	1,398.5	1,849.1	1,844.3	1,738.9	1,621.3	2,093.8	2,296.6	3,039.9	3,803.2	4,236.4	3,809.8
	At 1968 Market Prices										
Total	2,614.5	2,884.1	2,766.3	2,908.6	2,952.2	3,333.0	3,740.9	4,494.1	5,204.0	6,415.8	6,912.5
Construction & Works	865.0	879.8	1,002.0	1,101.2	1,110.8	1,122.4	1,253.7	1,521.6	1,900.3	2,659.4	3,425.4
Residential Buildings	476.4	470.5	496.8	547.1	585.3	480.1	448.8	505.9	650.0	1,107.2	1,781.3
Non-residential Buildings	266.6	271.9	306.3	314.7	303.7	433.1	593.2	731.7	965.7	1,242.6	1,323.7
Other Construction & Works	122.0	137.4	198.9	239.4	221.8	209.2	211.7	284.0	284.6	309.6	320.4
Transport Equipment	592.5	673.0	516.2	704.3	833.1	964.1	1,147.4	1,291.1	1,265.6	1,463.2	1,378.3
Machinery & Equipment	1,157.0	1,331.3	1,248.1	1,103.1	1,008.3	1,246.5	1,339.8	1,681.4	2,038.1	2,293.2	2,108.8

4.10 BALANCE OF PAYMENTS

Million Dollars

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983*
A Goods and Services (net)	-1,264.9	-2,394.5	-1,292.9	-1,280.7	-611.5	-940.6	-1,524.0	-3,240.0	-2,790.5	-2,536.7	-1,800.8
Exports of Goods & Services	12,639.0	19,645.7	19,625.7	23,194.0	27,396.8	31,331.2	40,553.0	53,617.4	61,543.0	64,420.1	64,875.9
Merchandise incl Nonmonetary Gold	8,418.4	13,517.7	12,117.5	15,363.2	18,893.9	21,799.6	29,140.0	38,908.3	41,420.0	41,473.8	42,866.5
Freight & Insurance	168.0	250.2	240.2	351.6	480.2	655.5	910.1	1,179.7	1,387.8	1,471.5	1,490.5
Travel	949.8	1,087.9	1,119.2	1,266.4	1,517.9	1,843.6	2,439.0	3,068.4	3,786.4	4,034.2	4,182.9
Investment Income	411.5	548.6	899.6	912.7	954.8	1,199.6	1,751.8	1,864.6	2,194.8	2,481.6	2,897.9
Government n/e	207.2	210.8	180.8	95.7	100.0	104.2	108.0	125.5	139.6	117.4	119.2
Other Transportation & Services n/e	2,484.1	4,030.5	5,068.4	5,204.4	5,450.0	5,728.7	6,204.1	8,470.9	12,614.4	14,841.6	13,318.9
Imports of Goods & Services	13,903.9	22,040.2	20,918.6	24,474.7	28,008.3	32,271.8	42,077.0	56,857.4	64,333.5	66,956.8	66,676.7
Merchandise incl Nonmonetary Gold	11,635.6	18,919.8	17,810.2	20,858.2	23,733.3	27,493.8	35,772.0	47,964.1	54,475.8	56,060.7	55,288.8
Freight & Insurance	680.9	1,130.7	1,081.3	1,168.6	1,356.0	1,429.0	1,831.1	2,649.6	2,903.4	3,274.5	3,236.5
Travel	364.9	386.7	400.4	432.4	481.6	534.4	590.9	689.3	766.2	997.0	1,121.3
Investment Income	658.4	925.6	817.8	1,012.0	1,158.7	1,259.1	1,847.0	2,853.2	3,209.8	3,400.5	3,602.0
Government n/e	11.4	12.2	15.6	18.3	23.2	18.5	26.2	29.4	36.2	68.1	48.8
Other Transportation & Services n/e	552.7	665.2	793.3	985.2	1,255.5	1,537.0	2,009.8	2,671.8	2,942.1	3,156.0	3,379.3
Trade Balance	-3,217.2	-5,402.1	-5,692.7	-5,495.0	-4,839.4	-5,694.2	-6,632.0	-9,055.8	-13,055.8	-14,586.9	-12,422.3
Balance of Services	1,952.3	3,007.6	4,399.8	4,214.3	4,227.9	4,753.6	5,108.0	5,815.8	10,265.3	12,050.2	10,621.5
B Transfer Payments (net)	-10.1	-95.1	-92.3	-121.1	-108.3	-88.4	-76.1	-109.3	-130.0	-245.1	-219.1
Private	-34.0	-99.3	-91.4	-113.0	-99.5	-81.1	-67.3	-97.6	-105.0	-216.6	-189.7
Government	23.9	4.2	-0.9	-8.1	-8.8	-7.3	-8.8	-11.7	-25.0	-28.5	-29.4
Current Account Balance	-1,275.0	-2,489.6	-1,385.2	-1,401.8	-719.8	-1,029.0	-1,600.1	-3,349.3	-2,920.5	-2,781.8	-2,019.9
C Capital (net)	1,772.1	1,217.6	1,374.4	2,097.7	1,480.2	2,303.8	2,169.7	3,611.5	4,823.3	4,738.6	5,738.1
Nonmonetary Sector (net)	1,179.6	1,638.3	1,586.2	1,892.0	1,269.3	1,634.9	2,570.0	3,319.9	3,828.4	4,022.7	2,912.1
Private	1,153.0	1,637.2	1,565.3	1,791.3	969.8	1,622.6	2,605.1	3,352.6	3,861.2	4,054.6	3,101.8
Official	26.6	1.1	20.9	100.7	299.5	12.3	-35.1	-32.7	-32.8	-31.9	-189.7
Monetary Sector (net)	592.5	-420.7	-211.8	205.7	210.9	668.9	-400.3	291.6	994.9	715.9	2,826.0
Commercial banks: Foreign Assets ¹	-450.5	-385.5	-464.1	-855.2	-636.0	-807.6	-2,118.2	-778.4	-3,772.5	833.8	-1,690.3
Foreign Liabilities	1,043.0	-35.2	252.3	1,060.9	846.9	1,476.5	1,717.9	1,070.0	4,767.4	-117.9	4,516.3
D Allocation of Special Drawing Rights	-	-	-	-	-	-	14.3	14.5	17.6	-	-
E Balancing Item	508.1	1,990.4	977.2	41.5	2.9	236.7	553.4	1,157.1	18.0	560.7	-1,480.5
F Overall Balance (A+B+C+D+E)	1,005.2	718.4	966.4	737.4	763.3	1,511.5	1,137.3	1,433.8	1,938.4	2,517.5	2,237.7
G Official Reserves (net)¹	-1,005.2	-718.4	-966.4	-737.4	-763.3	-1,511.5	-1,137.3	-1,433.8	-1,938.4	-2,517.5	-2,237.7
Special Drawing Rights	-	-	-	-	-	-	-34.4	-8.3	-32.9	-51.9	-23.4
Reserve Position in the Fund	-	-	-	-	-	-10.8	-23.5	-64.3	-46.9	-10.1	-1.8
Foreign Exchange Assets	-1,005.2	-718.4	-966.4	-737.4	-763.3	-1,500.7	-1,079.4	-1,361.2	-1,858.6	-2,455.5	-2,212.5

¹ Increase in assets is indicated by a minus (-) sign.

5. AGRICULTURE, LIVESTOCK AND FISHERIES

General

The agricultural sector of Singapore is engaged mainly in the production of vegetables, pigs, poultry, eggs and fish. It is estimated that about 10 per cent of Singapore's total land area are used for agricultural purposes. Most of the agricultural establishments are engaged in mixed farming.

Horticulture

The majority of our horticultural farms are engaged in vegetable production. The main vegetables grown include leafy vegetables such as cai xin, gai lan and weng cai and fruit vegetables such as brinjals, cucumbers and long beans. Root crops such as tapioca and sweet potatoes are also produced in small quantities. Local farms

supply some 23 per cent of the total vegetable consumption. Many farms also plant fruit trees both for shade and for production. Singapore is world renowned for her export of good quality orchids.

Livestock

Pig, poultry and egg production are the most important farming activities in Singapore which account for more than three-quarters of the total ex-farm value of primary production. Singapore is self-sufficient in hen eggs. About 84 per cent of pork and 64 per cent of poultry meat consumption are also produced by local farms. Furthermore, Singapore is also the main distribution centre of day-old chicks in the region, exporting about \$9.0 million worth of them in 1983.

Livestock are slaughtered at the abattoirs in Jurong and Kim Chuan Road under the close supervision of the Veterinary Division of the Primary Production Department.

Fisheries

Traditionally, Singapore depends on her neighbouring countries for fish supply. Local production remained rather stable in the past few years. Of 72,466 tonnes of fish consumed in 1983, 19,549 tonnes were produced locally and the rest were imported mainly from Malaysia. Local production of fish comes from inshore and offshore catches. Fishing around Singapore waters normally using non-powered boats powered with out-board engines, is classified as

inshore fishing and the bulk of such catches are from kelongs and drift nets. Offshore fishing is mainly carried out in the South China Sea and part of the Indian Ocean. The most commonly used offshore fishing gear are otter trawls and bottom long lines for demersal fish and troll lines for pelagic fish.

Auctioning of fish is carried out mainly at the Jurong Fishing Port. A relatively small quantity of local landings are auctioned at the Kangkar Fish Market.

Singapore is well-known for her aquarium fish production. The value of aquarium fish exported in 1983 amounted to \$32.3 million.

5.1 PRODUCTION OF PRINCIPAL CROPS

Year	Vegetables	Fruits	Sugar Cane	Rubber	Tobacco	Coconuts
	Tonnes					Million Nuts
1973	38,029	18,400	2,600	1,205	417	9
1974	39,480	14,645	2,060	975	376	7
1975	38,285	14,629	1,820	864	311	7
1976	38,339	19,120	2,520	423	407	7
1977	36,460	16,253	2,370	-	576	7
1978	40,665	11,060	1,900	-	596	6
1979	37,800	9,260	1,800	-	478	6
1980	36,839	9,055	1,870	-	402	6
1981	42,861	8,065	1,570	-	133	5
1982	41,388	8,090	1,460	-	88	5
1983	35,326	8,070	960	-	34	4

Source: Department of Primary Production

5.2 LIVESTOCK SLAUGHTERED

Number

Year	Swine	Sheep	Oxen	Buffaloes	Goats
1973	628,738	80,581	1,255	519	2,257
1974	581,263	74,844	896	88	1,798
1975	586,177	90,712	1,433	222	1,424
1976	737,777	110,276	1,928	200	1,179
1977	822,381	103,804	2,085	78	1,160
1978	805,341	88,874	2,064	125	715
1979	922,312	80,971	1,459	188	701
1980	968,095	73,156	1,238	185	475
1981	936,751	55,707	1,214	170	196
1982	883,666	56,999	1,496	111	204
1983	926,005	59,012	1,414	138	249

Source: Department of Primary Production

5.3 FRESH FISH SUPPLY AND AUCTIONED

Tonnes

Year	Supply				Fish Auctioned
	Total	Local Production ¹	Imports	Exports	
1973	69,570	17,950	57,656	6,036	65,593
1974	63,443	18,556	51,057	6,170	64,200
1975	59,610	16,928	50,559	7,877	65,803
1976	60,751	15,775	53,286	8,310	65,976
1977	59,450	14,350	69,729	24,629	67,478
1978	54,017	15,634	68,781	30,398	66,883
1979	51,266	16,015	73,524	38,273	68,299
1980	47,268	15,532	80,440	48,704	74,244
1981	64,501	15,620	99,707	50,826	85,016
1982	56,939	18,830	89,104	50,995	93,430
1983	62,152	19,099	99,099	56,046	102,573

1 Figures exclude pond fish production.

Source: Department of Primary Production

6. INDUSTRIAL PRODUCTION

Census of Industrial Production

A census of manufacturing establishments employing ten or more workers in the private and public sectors is conducted annually by the Department of Statistics. These establishments account for over 95 per cent of all industrial activities. The census results provide comprehensive data for the study of changes in structure and trends of growth of the industrial sector.

The statistical unit used in the census is the establishment, defined as a manufacturing unit engaged in one industrial activity and generally at one location. Establishments are classified in accordance with the Singapore Standard Industrial Classification of All Economic Activities 1978 which is adapted from the International Standard Industrial Classification of All Economic Activities of the

United Nations.

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

Workers: They include all persons engaged directly or indirectly in the industrial activity of the establishment, that is, all employees, working proprietors, and unpaid family workers. Data generally refer to number as at 30 June, except where establishments commenced operation after June.

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

Working Proprietors and Unpaid Family Workers: This group includes proprietors and business partners actively engaged in the operation of the establishment and their relatives working in the establishment without regular remuneration.

Input: Value of input covers cost of materials, electricity, water, fuel (excluding fuel for vehicles) and inward transport charges.

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

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

Quarterly Index of Production

The Quarterly Index of Production of manufacturing establishments was re-based in 1984, using the weighting pattern derived from the 1982 Census of Industrial Production. Production data for the four quarters of 1983 were collected and the average was used as a comparison base for the series. The Laspeyres formula is used for the compilation of the index.

The Quarterly Index of Production covers all manufacturing activities classified under Division 3 of the Singapore Standard Industrial Classification, 1978. Rubber processing, granite quarrying and production undertaken by government departments and statutory boards are not covered by the index.

Pioneer Manufacturing Establishments

The principal statistics of pioneer manufacturing establishments in production and under implementation were based on the annual surveys of manufacturing activity conducted by

the Economic Development Board (EDB). However, for 1982, statistics of pioneer manufacturing establishments in production were obtained from the Census of Industrial Production, 1982 conducted by the Department of Statistics.

6.1 PRINCIPAL STATISTICS OF INDUSTRIAL PRODUCTION

Year	Establishments	Workers	Input	Output	Value Added	Employees' Remuneration	Capital Expenditure	Direct Exports
	Number		Million Dollars					
1973	2,117	202,713	5,967.3	8,705.6	2,606.2	881.3	791.7	4,778.8
1974	2,219	210,002	10,453.2	14,237.0	3,596.8	1,096.2	626.3	8,520.1
1975	2,424	195,001	9,479.2	13,197.4	3,463.8	1,200.9	629.9	7,609.9
1976	2,545	210,822	11,815.9	16,175.0	4,041.1	1,332.6	631.1	10,160.5
1977	2,674	222,342	13,430.9	18,293.5	4,539.6	1,494.6	756.3	11,411.5
1978	2,979	246,467	14,871.9	20,492.3	5,220.0	1,743.9	824.3	13,087.0
1979	3,156	271,917	19,314.2	26,331.0	6,523.9	2,108.0	1,429.8	16,904.0
1980	3,391	288,165	23,433.7	32,805.8	8,652.8	2,556.2	1,878.4	19,874.9
1981	3,471	284,509	26,836.0	37,694.0	9,866.9	2,971.7	2,012.7	22,893.6
1982	3,617	277,803	26,572.9	37,141.1	9,505.8	3,302.5	2,253.6	22,227.3
1983*	3,768	272,367	25,210.8	35,408.7	9,230.8	3,517.7	..	21,393.4

Note: Figures refer to Establishments engaging 10 or more workers.
Data include rubber processing and granite quarrying.

6.2 SELECTED RATIOS OF PRINCIPAL MANUFACTURING STATISTICS

Year	Value Added Per Worker	Output Per Worker	Value Added to Output	Remuneration to Value Added	Remuneration to Output	Direct Exports to Total Sales	Direct Exports to Output
	Dollars		Per Cent				
1973	12,856	42,945	29.9	33.8	10.1	54.9	54.9
1974	17,127	67,795	25.3	30.5	7.7	60.7	59.8
1975	17,763	67,679	26.2	34.7	9.1	58.6	57.7
1976	19,168	76,724	25.0	33.0	8.2	61.9	62.8
1977	20,417	82,277	24.8	32.9	8.2	62.8	62.4
1978	21,179	83,144	25.5	33.4	8.5	64.2	63.9
1979	23,992	96,835	24.8	32.3	8.0	64.1	64.2
1980	30,027	113,844	26.4	29.5	7.8	61.9	60.6
1981	34,681	132,488	26.2	30.1	7.9	61.1	60.7
1982	34,218	133,696	25.6	34.7	8.9	59.9	59.8
1983*	33,891	130,004	26.1	38.1	9.9	..	60.4

Note: See notes to Table 6.1

6.3 INDUSTRIAL ESTABLISHMENTS BY INDUSTRY

Number

Industrial Code	Industry	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983*
311/2	Food	223	225	237	234	232	254	268	278	274	283	294
313	Beverage	19	17	15	14	14	14	14	16	17	16	16
314	Tobacco Products	8	8	9	9	9	8	8	8	6	6	6
321	Textiles & Textile Manufactures	68	68	72	72	69	79	93	99	94	95	91
322	Wearing Apparel except Footwear	205	222	252	257	300	345	365	374	374	406	426
323	Leather & Leather Products	25	26	29	30	34	44	42	42	40	43	44
324	Footwear	42	35	34	38	38	48	55	55	57	53	54
331	Sawntimber & Other Wood Products except Furniture	173	156	147	133	127	134	133	131	132	119	119
332	Furniture & Fixtures except primarily of Metal, Stone & Plastics	46	51	58	63	70	94	107	117	117	125	135
341	Paper & Paper Products	68	70	74	79	80	86	94	93	95	92	94
342	Printing & Publishing	184	191	207	222	236	261	270	289	295	319	334
351	Industrial Chemicals & Gases	22	20	27	29	27	29	34	45	44	48	50
352	Paints, Pharmaceuticals & Other Chemical Products	80	79	83	86	86	88	85	89	86	84	86
353/4	Petroleum Refineries & Petroleum Products	10	11	11	11	12	11	10	10	11	11	11
355	Processing of Jelutong & Gum Damar	8	7	7	6	6	5	5	5	5	6	7
356	Rubber Products except Footwear & Toys	28	28	28	27	25	24	27	27	30	28	28
357	Plastic Products	99	107	126	137	160	175	184	195	209	214	215
361/2	Pottery, China, Earthenware & Glass Products	12	11	10	12	12	11	12	13	13	11	13
363	Structural Clay Products	11	11	12	12	12	9	9	9	9	11	11
364	Cement	3	3	4	5	5	5	5	5	5	5	5

6.3 INDUSTRIAL ESTABLISHMENTS BY INDUSTRY (continued)

Number

Industrial Code	Industry	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983*
365	Structural Cement & Concrete Products	17	19	24	26	26	28	28	34	38	40	45
369	Non-metallic Mineral Products	20	21	20	21	22	23	23	28	24	21	19
371	Iron & Steel	16	16	16	15	15	15	16	17	17	16	17
372	Non-ferrous Metals	6	6	6	5	7	8	10	12	11	16	16
381	Fabricated Metal Products except Machinery & Equipment	200	210	237	244	261	305	310	338	371	413	423
382	Machinery except Electrical & Electronic	145	164	204	236	226	259	274	295	319	314	352
383	Electrical Machinery, Apparatus, Appliances & Supplies	66	82	87	99	105	115	117	119	113	114	116
384	Electronic Products & Components	41	57	63	74	90	101	141	172	185	186	204
385	Transport Equipment	109	130	157	183	202	223	216	253	261	295	310
386	Instrumentation Equipment, Photographic & Optical Goods	24	30	32	36	37	41	47	55	52	48	47
390	Other Manufacturing Industries	101	98	97	90	93	104	120	132	135	148	155
	TOTAL MANUFACTURING EXCLUDING RUBBER PROCESSING	2,079	2,179	2,385	2,505	2,638	2,946	3,122	3,355	3,439	3,586	3,743
	Rubber Processing	21	22	20	19	17	16	15	14	12	11	10
	TOTAL MANUFACTURING INCLUDING RUBBER PROCESSING	2,100	2,201	2,405	2,524	2,655	2,962	3,137	3,369	3,451	3,597	3,753
	Granite Quarrying	17	18	19	21	19	17	19	22	20	20	15
	TOTAL	2,117	2,219	2,424	2,545	2,674	2,979	3,156	3,391	3,471	3,617	3,768

Note: Figures refer to Establishments engaging 10 or more workers.

6.4 INDUSTRIAL OUTPUT BY INDUSTRY

Million Dollars

Industrial Code	Industry	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983*
311/2	Food	714.9	930.2	843.5	938.0	1,219.0	1,229.8	1,452.7	1,661.5	1,692.5	1,805.6	1,788.4
313	Beverage	80.5	97.8	130.5	150.7	168.3	205.5	219.7	249.1	327.2	317.1	326.1
314	Tobacco Products	129.8	142.7	144.5	153.6	166.4	171.1	166.0	171.3	193.6	219.3	207.4
321	Textiles & Textile Manufactures	313.8	292.4	259.7	359.9	346.6	352.6	425.8	488.8	422.1	323.7	217.9
322	Wearing Apparel except Footwear	289.3	269.1	286.1	406.1	479.5	633.1	737.0	848.4	924.7	929.0	927.6
323	Leather & Leather Products	27.9	25.6	22.0	31.1	44.2	50.4	51.4	47.0	49.6	47.3	42.0
324	Footwear	23.7	27.2	30.3	33.9	30.8	34.7	51.5	53.6	54.9	45.3	40.1
331	Sawntimber & Other Wood Products except Furniture	466.7	358.1	311.5	422.0	437.4	550.2	796.1	749.8	641.0	532.1	432.0
332	Furniture & Fixtures except primarily of Metal, Stone & Plastics	37.9	44.3	48.7	61.3	79.1	116.9	160.9	227.5	277.1	259.8	281.1
341	Paper & Paper Products	84.9	103.6	96.8	114.8	127.3	158.7	209.2	272.7	302.2	326.1	260.4
342	Printing & Publishing	168.3	221.2	225.2	290.2	335.6	375.5	431.2	550.4	674.3	726.6	775.1
351	Industrial Chemicals & Gases	108.8	172.1	154.5	210.1	227.0	183.3	255.2	346.1	363.7	383.8	361.0
352	Paints, Pharmaceuticals & Other Chemical Products	184.3	236.7	274.8	311.9	344.9	411.1	429.9	583.3	663.4	704.4	862.5
353/4	Petroleum Refineries & Petroleum Products	1,967.9	5,705.5	4,753.3	6,118.8	7,022.4	7,498.3	9,308.1	11,520.5	14,453.8	14,641.2	12,368.9
355	Processing of Jelutong & Gum Damar	17.6	22.6	20.2	16.4	21.0	19.3	22.8	25.9	28.2	25.9	26.1
356	Rubber Products except Footwear & Toys	48.0	54.6	54.3	57.8	62.0	66.8	89.9	89.7	76.3	74.4	52.7
357	Plastic Products	108.2	130.0	120.7	160.7	204.2	277.8	380.7	498.1	519.0	504.9	561.1
361/2	Pottery, China, Earthenware & Glass Products	22.6	30.0	28.3	37.0	41.0	49.7	60.9	68.0	90.3	81.1	100.5
363	Structural Clay Products	17.2	21.8	16.2	20.2	20.4	14.2	21.3	30.7	34.9	43.3	61.1
364	Cement	74.9	127.2	157.1	161.5	165.9	179.9	225.2	277.1	347.2	405.7	416.1

6.4 INDUSTRIAL OUTPUT BY INDUSTRY (continued)

Million Dollars

Industrial Code	Industry	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983*
365	Structural Cement & Concrete Products	22.1	32.7	58.2	64.4	65.3	71.2	95.5	156.5	263.9	379.1	456.4
369	Non-metallic Mineral Products	58.0	79.0	88.4	85.0	96.9	89.4	102.8	115.4	138.2	123.1	139.6
371	Iron & Steel	105.3	176.7	148.3	152.4	145.0	192.9	272.1	338.1	343.1	356.9	287.6
372	Non-ferrous Metals	33.4	49.4	41.3	33.8	53.7	56.1	135.4	190.4	130.5	156.0	163.3
381	Fabricated Metal Products except Machinery & Equipment	340.9	454.0	506.9	507.1	597.9	748.8	965.5	1,234.9	1,492.7	1,673.0	1,630.4
382	Machinery except Electrical & Electronic	338.5	573.0	754.7	676.9	701.0	844.4	1,183.5	1,662.7	2,484.2	2,322.1	1,852.2
383	Electrical Machinery, Apparatus, Appliances & Supplies	332.9	444.0	414.5	531.8	541.1	727.4	758.4	974.4	1,050.3	995.2	1,104.6
384	Electronic Products and Components	905.5	1,333.4	1,229.3	1,722.6	2,137.2	2,548.4	3,963.0	5,344.0	5,728.5	5,297.6	6,681.2
385	Transport Equipment	636.2	918.2	1,056.8	1,117.6	1,251.3	1,342.8	1,548.0	2,043.5	2,223.8	2,075.5	1,590.8
386	Instrumentation Equipment, Photographic & Optical Goods	128.3	115.9	182.3	193.2	184.1	237.6	276.6	382.8	290.6	284.3	280.2
390	Other Manufacturing Industries	149.9	157.5	151.3	176.4	201.8	228.9	337.5	455.6	505.2	408.0	384.1
	TOTAL MANUFACTURING EXCLUDING RUBBER PROCESSING	7,938.1	13,346.9	12,610.1	15,317.4	17,518.2	19,666.7	25,133.7	31,657.9	36,787.1	36,467.4	34,678.6
	Rubber Processing	748.6	867.9	555.2	814.0	744.1	801.3	1,170.2	1,052.5	772.6	494.2	504.8
	TOTAL MANUFACTURING INCLUDING RUBBER PROCESSING	8,686.7	14,214.8	13,165.3	16,131.4	18,262.4	20,468.0	26,303.9	32,710.4	37,559.7	36,961.6	35,183.4
	Granite Quarrying	18.9	22.2	32.1	43.6	31.1	24.3	27.1	95.3	134.3	179.5	225.3
	TOTAL	8,705.6	14,237.0	13,197.4	16,175.0	18,293.5	20,492.3	26,331.0	32,805.8	37,694.0	37,141.1	35,408.7

Note: See note to Table 6.3.

6.5 VALUE ADDED OF INDUSTRIAL ESTABLISHMENTS BY INDUSTRY

Million Dollars

Industrial Code	Industry	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983*
311/2	Food	128.9	147.2	149.7	157.5	198.8	206.8	235.2	261.6	355.6	326.0	310.4
313	Beverage	38.6	45.7	57.2	66.9	69.2	81.4	91.9	109.0	140.0	140.8	146.6
314	Tobacco Products	30.8	41.9	34.7	34.7	37.0	41.0	42.8	52.6	68.2	91.0	84.0
321	Textiles & Textile Manufactures	121.7	85.9	78.6	117.2	108.8	115.3	137.0	157.6	134.9	105.9	77.4
322	Wearing Apparel except Footwear	82.4	78.9	92.2	135.9	156.7	206.5	230.2	266.4	308.3	326.0	328.5
323	Leather & Leather Products	5.1	5.8	4.6	9.0	12.7	13.3	13.2	13.4	13.6	14.0	10.6
324	Footwear	8.5	9.2	11.6	11.5	10.9	12.6	16.8	19.2	19.0	17.0	16.2
331	Sawntimber & Other Wood Products except Furniture	140.3	97.3	80.8	129.1	140.8	180.6	220.9	180.7	175.5	136.4	104.6
332	Furniture & Fixtures except primarily of Metal, Stone & Plastics	15.1	19.1	21.4	26.8	31.2	43.4	59.3	84.3	102.4	102.3	112.6
341	Paper & Paper Products	31.9	36.4	31.8	39.9	45.8	54.3	73.2	94.5	103.6	122.8	83.4
342	Printing & Publishing	92.7	120.8	124.9	145.9	172.0	190.8	217.1	277.9	341.8	380.0	397.8
351	Industrial Chemicals & Gases	50.9	46.8	44.9	51.9	59.3	65.3	85.8	109.4	119.3	140.4	128.6
352	Paints, Pharmaceuticals & Other Chemical Products	88.6	117.5	137.4	154.6	172.5	226.0	224.6	304.2	340.7	360.8	400.4
353/4	Petroleum Refineries & Petroleum Products	362.3	864.6	605.0	698.5	774.2	787.0	916.0	1,470.4	1,707.2	1,617.7	1,422.4
355	Processing of Jelutong & Gum Damar	2.1	2.1	2.5	2.1	1.9	1.8	2.7	2.9	3.7	3.1	3.0
356	Rubber Products except Footwear & Toys	22.8	23.1	24.8	26.4	27.3	28.2	38.1	39.2	34.2	35.6	28.0
357	Plastic Products	41.0	44.0	40.7	50.1	72.1	97.0	134.2	173.8	184.6	181.1	198.5
361/2	Pottery, China, Earthenware & Glass Products	11.0	13.6	11.8	14.3	17.6	25.1	27.3	24.6	36.8	27.5	28.7
363	Structural Clay Products	12.7	14.8	10.0	12.4	12.9	9.4	13.1	18.8	20.9	21.3	27.6
364	Cement	22.0	30.5	44.9	48.4	45.4	36.5	47.0	48.8	78.5	88.5	91.6

6.5 VALUE ADDED OF INDUSTRIAL ESTABLISHMENTS BY INDUSTRY (continued)

Million Dollars

Industrial Code	Industry	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983*
365	Structural Cement & Concrete Products	7.4	11.7	18.9	19.6	24.7	28.3	31.2	53.7	78.1	118.2	159.8
369	Non-metallic Mineral Products	29.4	35.5	37.0	38.7	43.1	40.3	46.0	53.1	62.1	57.4	58.9
371	Iron & Steel	52.4	100.2	51.5	54.3	66.3	92.0	111.9	131.9	138.4	136.1	113.3
372	Non-ferrous Metals	11.4	12.8	11.2	7.2	13.4	13.5	19.0	21.8	25.3	25.4	31.9
381	Fabricated Metal Products except Machinery & Equipment	125.1	151.8	173.1	179.2	212.6	258.2	325.5	416.3	537.8	657.2	552.5
382	Machinery except Electrical & Electronic	145.6	252.5	330.0	343.2	356.5	414.7	526.7	744.8	1,140.9	1,012.4	887.9
383	Electrical Machinery, Apparatus, Appliances & Supplies	132.0	177.5	150.7	184.0	206.3	245.5	287.2	356.8	388.6	387.7	469.5
384	Electronic Products & Components	350.9	436.1	402.2	557.3	643.4	820.2	1,200.4	1,668.8	1,625.7	1,484.4	1,740.5
385	Transport Equipment	297.4	432.9	501.6	508.5	595.0	636.3	802.4	1,060.2	1,181.3	1,006.0	804.8
386	Instrumentation Equipment, Photographic & Optical Goods	48.3	35.7	87.8	88.9	93.7	123.6	130.0	172.4	110.4	119.0	107.9
390	Other Manufacturing Industries	31.2	36.3	37.5	47.7	53.3	68.2	106.5	132.5	143.0	113.6	120.8
	TOTAL MANUFACTURING EXCLUDING RUBBER PROCESSING	2,540.6	3,528.2	3,411.1	3,961.8	4,475.5	5,162.9	6,412.9	8,521.9	9,720.5	9,355.9	9,048.5
	Rubber Processing	50.2	50.9	27.9	45.6	38.1	36.7	87.7	51.5	37.0	27.5	27.6
	TOTAL MANUFACTURING INCLUDING RUBBER PROCESSING	2,590.8	3,579.1	3,439.0	4,007.4	4,513.6	5,199.6	6,500.6	8,573.4	9,757.5	9,383.4	9,076.1
	Granite Quarrying	15.4	17.7	24.8	33.7	26.0	20.4	23.3	79.4	109.4	122.3	154.7
	TOTAL	2,606.2	3,596.8	3,463.8	4,041.1	4,539.6	5,220.0	6,523.9	8,652.8	9,866.9	9,505.8	9,230.8

Note: See note to Table 6.3.

6.6 WORKERS ENGAGED IN INDUSTRIAL PRODUCTION BY INDUSTRY

Number

Industrial Code	Industry	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983*
311/2	Food	9,416	9,282	8,725	8,567	9,200	9,636	10,181	10,053	10,075	10,208	10,259
313	Beverage	2,715	2,665	2,640	2,639	2,506	2,596	2,739	2,650	2,744	2,594	2,412
314	Tobacco Products	1,188	1,137	1,301	1,179	1,225	1,263	1,239	1,277	976	882	863
321	Textiles & Textile Manufactures	14,103	12,181	11,380	11,620	10,526	9,792	10,087	9,710	7,906	6,360	4,955
322	Wearing Apparel except Footwear	20,909	18,559	17,966	20,673	23,262	28,983	29,274	27,188	27,870	28,608	27,862
323	Leather & Leather Products	709	702	863	968	1,223	1,351	1,284	1,244	1,186	1,152	1,119
324	Footwear	1,964	1,855	1,901	1,738	1,471	1,546	1,633	1,524	1,428	1,408	1,327
331	Sawntimber & Other Wood Products except Furniture	13,127	11,990	9,435	8,784	8,859	10,056	11,418	10,376	8,291	7,188	6,059
332	Furniture & Fixtures except primarily of Metal, Stone & Plastics	2,347	2,626	2,625	2,935	3,427	4,697	5,678	6,145	6,561	6,707	7,106
341	Paper & Paper Products	3,409	3,334	3,366	3,617	3,604	3,801	4,035	4,294	4,495	4,450	3,969
342	Printing & Publishing	7,734	8,281	8,511	9,082	9,847	11,105	11,514	12,101	12,487	13,452	13,845
351	Industrial Chemicals & Gases	1,400	1,412	1,558	1,554	1,520	1,688	1,906	2,138	2,058	2,265	2,300
352	Paints, Pharmaceuticals & Other Chemical Products	3,474	3,408	3,574	3,484	3,762	3,800	3,822	4,300	4,291	4,511	4,643
353/4	Petroleum Refineries & Petroleum Products	3,064	3,103	3,331	3,167	3,094	3,082	3,212	3,342	3,511	3,784	3,750
355	Processing of Jelutong & Gum Damar	262	222	205	164	158	135	148	145	157	160	180
356	Rubber Products except Footwear & Toys	1,603	1,510	1,462	1,479	1,455	1,562	1,828	1,941	1,359	1,287	1,149
357	Plastic Products	4,648	4,548	4,847	5,346	6,366	7,770	8,374	9,225	9,121	8,889	8,696
361/2	Pottery, China, Earthenware & Glass Products	990	1,020	684	791	819	824	893	955	1,133	1,054	1,241
363	Structural Clay Products	1,043	943	815	901	830	477	482	474	461	688	707
364	Cement	468	499	568	579	541	551	538	461	474	538	563

6.6 WORKERS ENGAGED IN INDUSTRIAL PRODUCTION BY INDUSTRY (continued)

Number

Industrial Code	Industry	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983*
365	Structural Cement & Concrete Products	681	716	1,185	1,125	1,149	1,284	1,298	1,458	1,730	2,135	3,073
369	Non-metallic Mineral Products	1,442	1,745	1,700	1,735	1,440	1,427	1,205	1,315	1,261	1,254	1,187
371	Iron & Steel	1,447	1,692	1,557	1,522	1,456	1,518	1,802	1,878	1,920	1,720	1,850
372	Non-ferrous Metals	526	558	445	139	516	620	489	459	449	656	613
381	Fabricated Metal Products except Machinery & Equipment	10,356	11,019	11,206	11,880	12,671	14,619	16,062	17,669	19,481	21,554	21,275
382	Machinery except Electrical & Electronic	10,934	13,580	16,753	15,927	14,827	17,344	18,910	20,274	23,963	23,802	23,148
383	Electrical Machinery, Apparatus, Appliances & Supplies	14,946	18,134	12,278	13,644	13,237	15,206	14,728	15,933	16,141	14,405	14,388
384	Electronic Products & Components	29,537	32,780	24,351	35,756	41,245	47,455	63,201	71,727	69,358	60,760	61,748
385	Transport Equipment	22,091	24,191	24,890	24,299	25,767	26,312	26,039	27,420	28,491	30,749	28,560
386	Instrumentation Equipment, Photographic & Optical Goods	6,502	8,090	6,941	7,382	7,906	8,214	9,256	10,456	5,419	5,767	5,526
390	Other Manufacturing Industries	5,539	4,285	4,465	4,558	5,203	5,010	6,059	7,118	6,878	6,463	5,978
	TOTAL MANUFACTURING EXCLUDING RUBBER PROCESSING	198,574	206,067	191,528	207,234	219,112	243,724	269,334	285,250	281,675	275,450	270,351
	Rubber Processing	3,239	3,147	2,730	2,641	2,428	2,092	2,044	1,977	1,826	1,303	1,084
	TOTAL MANUFACTURING INCLUDING RUBBER PROCESSING	201,813	209,214	194,258	209,875	221,540	245,816	271,378	287,227	283,501	276,753	271,435
	Granite Quarrying	900	788	743	947	802	651	539	938	1,008	1,050	932
	TOTAL	202,713	210,002	195,001	210,822	222,342	246,467	271,917	288,165	284,509	277,803	272,367

Note: See note to Table 6.3.

6.7 REMUNERATION OF EMPLOYEES ENGAGED IN INDUSTRIAL PRODUCTION BY INDUSTRY

Million Dollars

Industrial Code	Industry	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983*
311/2	Food	38.6	45.2	47.9	51.8	58.2	65.8	79.1	87.8	103.4	115.2	124.7
313	Beverage	14.6	18.6	22.3	22.9	24.3	26.5	29.9	34.6	40.0	35.3	37.7
314	Tobacco Products	7.2	8.7	8.8	9.5	10.5	11.6	13.2	15.3	15.6	17.3	18.1
321	Textiles & Textile Manufactures	44.2	48.0	47.8	56.0	52.6	54.6	63.0	71.7	68.8	60.5	40.2
322	Wearing Apparel except Footwear	48.5	50.6	53.8	69.8	87.0	118.0	136.3	150.7	179.3	203.4	221.6
323	Leather & Leather Products	2.0	2.5	3.1	4.0	5.1	6.1	6.8	7.4	8.0	8.5	9.2
324	Footwear	5.2	6.7	7.1	7.9	6.4	6.8	7.9	9.7	10.1	10.7	10.1
331	Sawntimber & Other Wood Products except Furniture	51.2	51.0	48.1	48.9	55.8	67.5	81.8	80.1	77.4	69.0	57.0
332	Furniture & Fixtures except primarily of Metal, Stone & Plastics	8.6	11.9	12.7	14.8	16.7	24.4	34.0	44.4	54.8	58.3	67.7
341	Paper & Paper Products	9.7	12.1	13.9	16.0	17.6	21.3	27.0	34.7	44.2	51.4	48.6
342	Printing & Publishing	36.5	45.9	54.1	61.7	70.2	86.6	97.5	118.6	140.5	171.9	208.8
351	Industrial Chemicals & Gases	10.0	11.8	13.3	14.1	16.1	17.8	22.3	28.9	33.4	41.1	44.3
352	Paints, Pharmaceuticals & Other Chemical Products	18.2	22.0	25.7	30.0	35.1	37.7	43.2	53.4	62.4	76.4	92.1
353/4	Petroleum Refineries & Petroleum Products	53.9	60.6	66.1	67.2	67.0	73.5	87.1	99.7	114.7	138.6	153.1
355	Processing of Jelutong & Gum Damar	1.1	1.1	1.1	1.0	1.1	1.0	1.2	1.3	1.5	1.6	1.8
356	Rubber Products except Footwear & Toys	8.3	9.2	9.7	9.9	10.8	11.8	15.6	17.2	13.3	14.7	13.8
357	Plastic Products	14.2	17.6	20.3	23.9	30.0	39.0	48.5	63.9	71.8	79.9	83.5
361/2	Pottery, China, Earthenware & Glass Products	6.1	6.8	6.1	6.9	7.2	8.5	9.9	12.4	13.5	14.4	18.2
363	Structural Clay Products	4.5	5.1	5.2	5.4	5.1	4.1	4.7	5.2	6.0	9.7	11.2
364	Cement	2.8	3.7	4.7	5.0	4.2	5.8	6.5	7.0	8.9	10.5	12.6

6.7 REMUNERATION OF EMPLOYEES ENGAGED IN INDUSTRIAL PRODUCTION BY INDUSTRY (continued)

Million Dollars

Industrial Code	Industry	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983*
365	Structural Cement & Concrete Products	3.0	3.9	7.2	6.8	8.5	9.6	11.1	15.6	21.8	30.4	53.4
369	Non-metallic Mineral Products	8.3	10.4	12.4	14.4	11.4	11.7	12.4	14.6	18.9	19.5	24.9
371	Iron & Steel	9.3	12.4	13.4	14.2	14.8	17.7	22.4	27.4	30.2	32.5	38.5
372	Non-ferrous Metals	2.5	3.6	3.7	1.1	4.7	5.6	5.9	7.9	7.4	10.1	10.1
381	Fabricated Metal Products except Machinery & Equipment	44.8	61.3	68.9	77.8	86.0	116.9	126.7	157.3	202.0	259.1	271.9
382	Machinery except Electrical & Electronic	58.3	91.5	127.8	125.8	129.2	152.6	186.5	228.7	323.8	346.5	345.3
383	Electrical Machinery, Apparatus, Appliances & Supplies	56.7	74.0	70.6	73.8	80.6	99.1	110.1	133.6	154.5	172.2	192.2
384	Electronic Products & Components	100.2	134.0	128.9	186.8	223.0	264.3	393.3	510.7	577.0	616.7	693.3
385	Transport Equipment	150.8	192.4	220.1	223.0	266.2	282.7	304.3	363.5	433.2	486.9	479.2
386	Instrumentation Equipment, Photographic & Optical Goods	27.5	37.5	37.5	39.2	41.6	48.3	59.9	76.0	47.3	53.9	57.5
390	Other Manufacturing Industries	14.8	15.9	18.1	20.5	24.7	27.5	37.7	47.6	54.3	54.6	49.7
	TOTAL MANUFACTURING EXCLUDING RUBBER PROCESSING	861.4	1,075.9	1,180.5	1,309.8	1,471.7	1,724.2	2,085.9	2,526.9	2,938.1	3,270.6	3,490.4
	Rubber Processing	14.2	15.0	13.9	15.1	14.2	13.8	16.6	18.5	18.3	16.1	12.3
	TOTAL MANUFACTURING INCLUDING RUBBER PROCESSING	875.7	1,090.9	1,194.5	1,324.9	1,485.9	1,738.0	2,102.5	2,545.4	2,956.4	3,286.8	3,502.8
	Granite Quarrying	5.6	5.3	6.4	7.7	8.6	5.9	5.5	10.8	15.3	15.7	15.0
	TOTAL	881.3	1,096.2	1,200.9	1,332.6	1,494.6	1,743.9	2,108.0	2,556.2	2,971.7	3,302.5	3,517.7

Note: See note to Table 6.3.

6.8 VOLUME OF OUTPUT OF SELECTED MANUFACTURED PRODUCTS

Commodity	Unit	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Animal Feed	Thousand Tonnes	409	343	309	240	291	300	306	334	255	238
Soft Drinks	Million Litres	97	107	114	125	144	175	170	175	185	180
Refined Cooking Oil	Tonnes	32,762	31,294	35,315	45,252	50,377	50,780	43,829	59,685	84,228	117,545
Cigarettes & Cigars	Tonnes	3,296	3,443	3,331	3,183	3,409	3,463	3,182	3,086	3,128	3,800
Sawntimber	Thousand Cubic Metres	824	500	381	443	302	364	371	282	188	136
Plywood	Million Square Metres	110	82	106	118	109	143	165	123	112	93
Newspapers	Million Copies	131	135	145	173	171	197	216	225	228	255
Paints	Kilolitres	11,304	12,309	12,082	13,731	18,152	19,972	20,258	22,310	26,698	26,502
Soap & Detergents	Tonnes	24,264	21,013	18,503	26,993	24,071	21,613	23,532	29,141	29,568	27,882
Aviation Kerosene ¹	Thousand Tonnes	4,085	3,493	3,278	4,165	3,756	4,708	5,033	3,709	4,003	4,099
Diesel Oil ¹	Thousand Tonnes	4,567	4,307	3,863	5,046	5,569	6,780	6,566	4,619	6,490	7,074
Fuel Oil ¹	Thousand Tonnes	11,213	10,526	8,106	9,127	10,209	10,154	10,340	6,457	7,560	8,259
Bricks	Thousand Pieces	91,511	96,796	80,673	92,377	85,231	72,628	91,191	92,122	93,327	129,862
Cement	Thousand Tonnes	1,115	1,181	1,337	1,532	1,550	1,628	1,808	1,952	2,253	2,695
Ready-Mixed concrete	Thousand Cubic Metres	228	331	413	332	430	660	758	1,376	2,116	2,116
Refrigerators	Thousand	54	43	45	54	57	73	80	93	93	78
Radios	Thousand	7,926	8,988	7,221	10,737	9,726	11,717	16,748	17,070	16,028	13,461
Television Receivers	Thousand Sets	114	195	397	486	560	725	1,390	1,889	2,231	1,502

1 Prior to 1980 data include the quantity of products processed for third party overseas.

6.9 VALUE OF OUTPUT OF SELECTED MANUFACTURED PRODUCTS

Million Dollars

Commodity	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Animal Feed	163.1	162.2	139.5	111.7	146.8	148.4	160.6	201.8	167.6	148.6
Soft Drinks	33.7	47.1	61.5	76.1	88.8	112.1	120.1	126.4	172.2	164.8
Refined Cooking Oil	52.2	76.1	50.0	62.7	93.4	94.3	80.4	120.4	175.5	161.0
Cigarettes & Cigars	127.9	140.7	142.4	150.0	161.5	164.9	160.1	165.2	192.2	216.5
Fabrics	101.3	89.8	106.5	151.1	138.0	158.6	190.7	195.9	200.1	156.8
Sawntimber	173.6	90.0	67.3	94.2	73.8	95.9	125.3	103.1	59.8	40.1
Plywood	203.3	163.5	172.2	224.1	234.7	296.8	466.6	411.9	361.6	270.5
Newspapers	18.4	31.9	28.8	31.5	33.1	35.6	39.0	45.8	55.7	68.1
Paints	30.6	42.9	42.9	43.5	58.5	65.5	72.5	87.8	119.4	117.2
Pharmaceutical Products	65.6	92.6	131.3	142.0	155.5	201.0	179.5	258.4	269.6	283.1
Soap & Detergents	21.6	25.9	24.8	32.4	33.6	32.1	37.9	62.2	66.4	56.4
Aviation Kerosene ¹	432.2	972.4	932.1	1,263.3	1,186.6	1,406.4	2,100.1	2,590.3	3,001.2	2,961.7
Diesel Oil ¹	405.7	1,048.3	968.2	1,327.8	1,534.6	1,784.5	2,518.6	2,990.0	4,202.1	4,295.6
Fuel Oil ¹	546.7	1,794.0	1,425.5	1,778.4	2,090.3	1,899.4	2,621.9	2,544.8	3,413.8	3,509.6
Bricks	10.6	14.6	12.8	14.9	13.9	12.1	19.5	28.5	32.5	40.5
Cement	73.4	127.2	153.5	158.6	165.9	179.9	225.2	277.1	347.2	405.7
Ready-Mixed Concrete	12.3	18.8	29.8	37.8	30.4	37.4	58.7	87.9	186.1	281.3
Refrigerators	21.9	20.0	21.9	25.6	31.7	47.0	51.8	60.1	61.2	53.8
Oil Rigs & Oilfield Equipment	162.9	309.9	443.1	350.3	279.2	344.1	556.5	806.7	1,437.5	1,341.1
Electronic Products excluding TV Receivers & Radios	725.5	1,070.0	910.6	1,347.5	1,707.1	1,935.3	2,858.4	3,873.8	4,104.1	3,982.8
Radios	145.9	195.7	201.4	226.9	248.0	337.4	651.6	882.6	877.4	732.4
Television Receivers	28.2	61.9	105.9	133.4	160.9	234.6	399.5	512.7	667.8	495.7
Shipbuilding & Repairing	469.1	688.3	866.6	939.4	981.8	1,002.3	1,105.6	1,547.6	1,727.8	1,502.7
Marine Engines & Parts	26.2	42.8	47.5	44.4	61.3	64.9	84.5	109.6	137.2	151.4
Photographic Equipment & Optical Goods	73.9	79.5	120.4	99.2	87.5	90.1	107.9	125.3	52.7	56.2

¹ See note to table 6.8

6.10 QUARTERLY INDEX OF INDUSTRIAL PRODUCTION
(1983 = 100)

Industrial Code	Major Industry Group	Weights 1982	1982 ¹				1983 ²			
			1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
	Total Manufacturing excluding Rubber Processing	1,000.0	97.2	101.3	98.6	94.8	93.0	98.2	103.0	105.8
311/2	Food	34.8	111.5	105.3	108.2	109.5	100.9	99.1	100.7	99.3
313	Beverage	15.1	90.8	97.3	101.0	95.1	101.6	110.0	97.4	91.0
314	Cigarettes & Other tobacco products	9.7	120.1	108.2	118.5	132.3	109.8	99.2	83.2	107.8
321	Textiles & Textile Manufactures	11.3	143.3	140.4	124.3	121.5	94.3	97.1	107.5	101.1
322	Wearing apparel except footwear	34.9	91.9	93.2	88.3	110.9	88.5	92.5	97.4	121.6
323	Leather & Leather Products	1.5	144.0	137.0	120.8	133.2	90.0	83.9	101.5	124.6
324	Footwear	1.8	92.4	121.1	113.2	108.4	98.0	101.7	98.2	102.1
331	Sawntimber & Other Wood Products except Furniture	14.6	141.7	134.4	117.1	131.0	107.2	107.4	96.1	89.3
332	Furniture & Fixtures except primarily of Metal, Stone & Plastics	10.9	91.0	95.8	90.7	99.7	90.3	91.7	109.8	108.2
341	Paper & Paper Products	13.1	137.4	155.2	143.6	133.5	109.8	102.4	98.7	89.1
342	Printing & Publishing	40.6	80.4	90.6	103.8	99.9	86.1	93.5	108.8	111.6
351	Industrial Chemicals & Gases	15.0	102.2	115.7	103.1	100.1	96.7	103.2	101.0	99.1
352	Paints & Pharmaceutical & Other Chemical Products	38.6	89.5	82.8	97.5	82.7	94.2	97.3	105.5	103.0
353/4	Petroleum Refineries & Petroleum Products	173.0	98.7	98.2	98.7	97.8	91.2	98.3	108.5	102.0
356	Rubber Products except Rubber Footwear & Toys	3.8	141.5	126.4	118.7	119.9	91.8	94.0	108.7	105.5
357	Plastic Products	19.4	91.3	96.0	94.1	106.5	92.6	98.9	104.3	104.2
361/2	Pottery, China, Earthenware & Glass Products	2.9	107.3	127.5	121.5	115.1	105.7	107.3	96.2	90.8

6.10 QUARTERLY INDEX OF INDUSTRIAL PRODUCTION (continued)
(1983 = 100)

Industrial Code	Major Industry Group	Weights 1982	1982 ¹				1983 ²			
			1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
363	Bricks, Tiles & Other Structural Clay Products	2.3	69.4	75.8	81.0	82.8	88.7	97.5	104.4	109.4
364	Cement	9.5	86.8	95.5	99.0	101.9	89.5	95.4	99.5	115.6
365	Structural Cement & Concrete Products	12.6	77.3	95.4	105.9	103.3	88.5	98.9	99.2	113.4
369	Non-metallic Mineral Products	6.1	90.8	78.1	126.3	167.0	148.2	142.3	68.8	40.7
371	Iron & Steel	14.6	102.3	104.4	105.8	112.6	97.4	100.4	96.9	105.3
372	Non-ferrous Metals	2.7	90.9	99.8	100.9	97.5	90.4	101.1	107.7	100.8
381	Fabricated Metal Products Except Machinery & Equipment	70.3	112.9	115.7	92.4	87.3	88.6	98.2	102.4	110.8
382	Machinery Except Electrical & Electronic	108.2	114.2	133.3	118.7	104.0	99.3	103.3	99.2	98.2
383	Electrical Machinery, Apparatus, Appliances & Supplies	41.5	85.9	99.6	97.1	93.6	85.5	102.1	100.0	112.4
384	Electronic Products & Components	158.7	83.3	96.6	94.2	90.8	81.8	96.2	106.4	115.6
385	Transport Equipment	107.6	114.0	105.2	102.1	94.1	103.9	92.6	99.3	104.2
386	Instrumentation Equipment, Photographic & Optical Goods	12.7	102.8	118.1	101.9	80.2	98.8	97.8	95.7	107.7
390	Other Manufacturing Industries	12.2	119.0	136.7	118.0	92.8	75.8	96.7	116.8	110.7

¹ Based on 1978 - weighted series.

² New 1982 - weighted series.

6.11 NET INVESTMENT COMMITMENTS IN MANUFACTURING BY INDUSTRY

Million Dollars

Industry	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983*
Food & Beverages	2.0	-	2.6	14.4	27.4	8.5	40.8	99.4	90.7	101.5	179.4
Textiles	14.5	20.9	0.9	6.5	1.7	11.0	14.2	32.6	18.1	8.9	7.3
Wearing Apparel	-	-	-	1.5	3.0	2.7	1.4	8.0	8.3	10.4	2.8
Wood Products	9.3	6.9	1.4	8.3	5.3	9.8	33.2	30.8	16.8	9.1	8.0
Paper Products & Printing	6.3	1.0	-	1.0	4.2	-	8.0	27.2	161.8	109.2	22.1
Industrial Chemicals	5.1	26.0	7.5	5.0	4.9	13.9	5.4	76.8	63.8	16.9	52.1
Plastic Products	6.3	-	4.3	11.8	8.6	13.4	34.0	66.8	41.9	47.4	27.7
Other Chemical Products	2.4	15.0	2.0	0.4	1.2	14.5	31.0	101.1	95.7	47.4	110.2
Petroleum	-	-	135.0	16.0	66.2	330.0	224.5	200.0	162.0	387.7	355.5
Non-metallic Minerals	7.0	19.0	-	0.7	-	-	7.1	65.7	55.6	40.5	136.0
Basic Metals	4.0	24.0	1.4	15.4	1.0	2.5	-	-	16.3	53.5	36.8
Fabricated Metal Products	1.2	5.2	17.3	16.8	6.8	13.8	56.2	75.6	96.1	113.1	167.4
Machinery except Electrical	86.0	41.8	70.7	51.4	77.9	45.5	151.9	121.3	300.9	162.2	83.9
Electrical Machinery & Appliances	34.4	4.9	13.3	142.3	120.3	292.4	253.9	400.3	421.2	349.1	385.1
Transport Equipment	62.5	105.0	42.0	0.7	36.1	-	18.5	58.4	273.3	162.5	92.7
Precision Equipment	-	18.1	1.3	6.4	7.7	33.9	31.5	29.0	29.7	66.6	65.8
Other Products	54.9	4.1	6.6	4.7	24.1	20.5	32.0	26.1	3.8	11.7	22.9
Servicing/Engineering	-	-	-	-	-	-	-	2.5	26.8	27.8	38.9
Total	295.9	291.9	306.3	303.3	396.4	812.4	943.6	1,421.6	1,882.8	1,725.5	1,794.6
Foreign	224.1	168.8	246.8	260.5	362.6	765.7	823.4	1,199.0	1,234.6	1,125.3	1,275.5
Local	71.8	123.1	59.5	42.8	33.8	46.7	120.2	222.6	648.2	600.2	519.1

Note: Net investment commitments refer to gross commitments less projects withdrawn or uncertain as at 31 December 1983.

Source: Economic Development Board

6.12 PRINCIPAL STATISTICS OF PIONEER MANUFACTURING ESTABLISHMENTS

End of Year	In Production					Under Implementation			
	Establish- ments	Persons Employed	Output	Paid-up Capital	Gross Fixed Assets	Establish- ments	Persons Employed	Paid-up Capital	Gross Fixed Assets
	Number		Million Dollars			Number		Million Dollars	
1972	313	86,464	3,380	967	2,194	17	708	78	245
1973	319	96,018	4,676	1,209	2,787	15	139	19	10
1974	318	79,870	9,502	1,337	3,085	14	312	26	19
1975	314	78,659	7,454	1,434	3,355	7	79	15	15
1976	293	87,405	8,921	1,414	3,413	4	31	2	20
1977	323	94,410	10,453	1,505	3,823	16	594	19	48
1978	350	109,672	11,376	1,568	4,859	17	660	22	30
1979	393	122,481	14,992	1,726	5,361	22	474	27	44
1980	420	124,280	20,708	1,909	6,296	22	800	65	105
1981	432	116,907	22,857	1,925	7,169	20	1,076	139	208
1982	412	105,480	19,888	2,112	8,275	20	640	31	85

Source: Economic Development Board
Department of Statistics

6.13 PRINCIPAL STATISTICS OF PIONEER MANUFACTURING ESTABLISHMENTS BY INDUSTRY GROUP, DECEMBER 1982

Industry Group	In Production						Under Implementation			
	Estab- lishments	Workers	Output	Value Added	Gross Fixed Assets	Paid-up Capital	Estab- lishments	Persons Employed	Gross Fixed Assets	Paid-up Capital
	Number		Million Dollars				Number		Million Dollars	
Total	412	105,480	19,888	4,847	8,275	2,112	20	640	85	31
Food & Beverages	19	2,342	448	106	224	165	-	-	-	-
Textiles & Garments	21	7,153	286	95	183	125	-	-	-	-
Wood Products	9	2,230	143	31	126	52	-	-	-	-
Paper & Paper Products	3	450	62	30	95	19	-	-	-	-
Leather & Rubber Products	8	730	42	22	43	26	-	-	-	-
Basic Industrial Chemicals	15	831	187	60	78	45	1	40	1	1
Other Chemical Products except Plastics	18	2,006	413	244	339	187	2	1	7	5
Petroleum & Petroleum Products	6	3,114	10,707	1,496	3,490	270	-	-	-	-
Non-metallic Mineral Products	10	799	138	42	57	44	1	10	4	-
Basic Metal Industries	10	1,734	389	142	196	53	-	-	-	-
Metal Products & Mechanical Engineering	135	21,939	1,614	788	1,291	461	5	72	11	10
Electrical & Electronic Products	111	54,536	4,933	1,494	1,673	455	9	477	61	15
Transport Equipment	15	3,990	360	235	345	140	1	35	1	-
Plastic Products	19	1,700	83	36	76	45	-	-	-	-
Miscellaneous	13	1,926	83	26	59	25	1	5	-	-

Source: Economic Development Board
Department of Statistics

7. ELECTRICITY, GAS AND WATER SUPPLY

The Public Utilities Board is responsible for the production and distribution of electricity, gas and water in Singapore.

Electricity

Electricity is generated mainly by steam plants at the Senoko, Jurong and Pasir Panjang 'B' Power Stations. The Senoko and Pasir Panjang Gas Turbine generating stations are used mainly for emergency and in peak periods. In 1983 the installed generating capacity increased to 2,691 megawatt (MW) of which 1,650 MW or 61 per cent is at Senoko. In 1983, Senoko Power Station accounted for 67 per cent of the total production of electricity, contributing significantly to the gross thermal efficiency of 35 per cent. The maximum demand upon the system increased to 1,483 MW.

A network of 230 kilovolt (kV), 66 kV, 22 kV, 6.6 kV and 0.4 kV cables interlinked by transformers at substations forms the transmission and distribution system whereby electricity is supplied from the power station to the consumer. The network now consists of 35,686 kilometres (km) of cables, 13,851 megavolt-amperes (MVA) of transformer capacity, 3,631 substations and 185 substation kiosks.

The total number of consumers increased to 616,402 in 1983. Per capita consumption of electricity rose to 3,077 kilowatt hours (kWh) while per capita domestic consumption increased to 525 kWh.

Gas

Gas is produced by 6 naphtha reformers at the Kallang Gasworks

with a production capacity of 0.735 million cubic metres per day. Gas produced during off-peak periods is stored in the holders in Kallang and Queenstown and used to supplement the supply during the peak demand periods. There is a total of 1,485 kilometres of gas mains in use. Some areas outside the town gas distribution network receive their gas supply from system tanks which store Liquefied Petroleum Gas (LPG). Distribution of bottled LPG is done by private companies and data on these are not included in the table.

There are 190,087 gas consumers. Of these, 97.6 per cent are domestic while the rest are commercial and industrial consumers. About one in three households uses PUB gas. Of the 566.5 million units of gas sold in 1983, 56.8 per cent,

39.9 per cent and 3.3 per cent were sold to domestic, commercial and industrial consumers respectively.

Water

Water supplies are drawn mainly from 12 impounding reservoirs in Singapore and 4 in Johore. Water is also tapped from rivers in Johore. After purification and treatment at the 8 treatment works, water is pumped into 11 service reservoirs from whence distribution is made to consumers. The total number of consumers had increased to 577,584 in 1983 and the average daily consumption based on sales figures during the year was 846,600 cu m, an increase of 6.5 per cent over 1982.

7.1 ELECTRICITY PRODUCTION AND SALES

Year	Production	Sales						Number of Consumers (End of Period)
		Total	Domestic	Public Lighting	Manufacturing	Other Industries	Export	
	Million Kilowatt Hours							
1973	3,719.4	3,304.3	575.5	40.8	1,646.4	1,041.6	-	349,894
1974	3,864.3	3,426.2	559.0	39.3	1,784.2	1,043.7	-	393,081
1975	4,176.0	3,673.3	643.3	43.9	1,783.3	1,202.8	-	404,898
1976	4,604.9	4,038.0	703.4	46.6	1,980.5	1,307.5	-	433,784
1977	5,114.7	4,506.4	779.0	49.1	2,246.2	1,432.1	-	467,295
1978	5,898.0	5,213.7	887.5	51.5	2,606.8	1,619.5	48.4	504,327
1979	6,447.9	5,743.7	945.2	50.4	2,803.3	1,851.6	93.2	531,596
1980	6,940.4	6,198.0	1,014.3	56.7	2,947.2	2,087.8	92.0	561,708
1981	7,442.0	6,660.4	1,092.8	60.5	3,156.2	2,277.0	73.9	579,868
1982	7,859.6	7,000.1	1,166.9	64.5	3,217.6	2,499.6	51.5	593,975
1983	8,625.9	7,697.6	1,313.0	65.3	3,504.9	2,759.6	54.8	616,402

Source: Public Utilities Board

7.2 GAS PRODUCTION AND SALES

Year	Production	Sales					Number of Consumers (End of Period)
		Total	Domestic		Commercial	Industrial	
			Public Housing	Others			
	Million Kilowatt Hours						
1973	344.7	301.1	136.6	80.3	63.3	20.9	115,755
1974	391.1	350.1	156.6	82.1	82.7	28.7	129,003
1975	432.4	383.3	174.0	82.4	96.9	30.0	137,618
1976	457.1	411.4	186.2	76.2	108.2	40.8	143,147
1977	487.5	434.9	196.2	72.6	123.9	42.2	151,819
1978	539.0	490.2	213.2	73.1	152.1	51.8	166,011
1979	597.1	527.4	234.2	72.3	168.5	52.4	176,902
1980	614.1	552.0	246.7	70.5	186.5	48.3	187,944
1981	625.6	560.7	248.9	66.5	213.6	31.7	190,509
1982	624.8	570.0	257.6	62.5	220.1	29.8	189,660
1983	605.4	566.5	261.0	61.0	225.8	18.7	190,087

Source: Public Utilities Board

7.3 WATER CONSUMPTION

Year	Total	Domestic	Shipping	Commerce and Industry	Singapore Government	Statutory Boards And Foreign Armed Forces	Johore	Number of Consumers (End of Period)
	Thousand Cubic Metres							
1973	174,949.0	76,726.7	2,673.4	51,186.7	17,537.3	9,847.5	16,977.4	325,026
1974	176,482.3	78,826.1	2,805.1	52,118.4	13,800.1	10,272.1	18,660.5	352,835
1975	192,655.5	87,295.2	3,063.6	55,036.5	13,614.1	12,304.4	21,341.7	381,682
1976	199,465.8	89,830.9	2,776.1	56,219.2	13,563.6	12,450.8	24,625.2	408,401
1977	211,844.6	95,038.5	2,683.6	60,382.5	12,921.8	12,301.2	28,517.0	438,853
1978	225,596.3	101,640.6	2,812.9	63,215.9	12,284.4	13,396.4	32,246.1	472,247
1979	239,477.1	106,504.5	3,043.1	70,160.4	12,041.3	13,292.1	34,435.7	497,241
1980	258,083.2	113,478.1	3,346.9	75,991.2	11,935.7	13,489.8	39,841.5	527,481
1981	278,216.1	119,436.8	3,495.2	84,417.0	12,420.5	14,685.7	43,760.9	546,961
1982	290,034.6	124,233.5	3,219.4	86,587.2	13,713.6	14,426.9	47,854.0	559,008
1983	309,002.0	132,438.2	3,267.9	93,534.8	13,759.1	15,718.7	50,283.3	577,584

Source: Public Utilities Board

8. BUILDING CONSTRUCTION AND HOUSING

Building Construction

Statistics on building construction relating to number of units, floor area and value of buildings commenced, under construction, and completed are compiled by the Department of Statistics. These are based on quarterly surveys of building activity covering architects and developers in the private sector who have building plans approved by the Building Control Division of the Public Works Department. For the public sector, similar information is compiled from monthly returns submitted by the relevant government departments and statutory boards.

A building is considered 'commenced' if piling work has been started or demarcation of boundary made. Any building on which work has been commenced but is not completed by the end of the period is consi-

dered as under construction. This includes buildings commenced during the period. A building is considered 'completed' if it is ready for use or occupation and power and water facilities are available.

Statistics on building activity are revised retrospectively every quarter based on up-to-date information obtained from the latest quarterly survey. The revision reflects primarily changes and amendments in building plans.

Housing and Development Board

The Housing and Development Board (HDB) is the public housing authority of the Republic of Singapore. The Board is responsible for the long and short-term building programmes, the planning and development of new towns and housing estates and the provision of commu-

nal facilities such as sports and swimming complexes, commercial, shopping and social amenities. The Board also acquires land for public housing, clears designated areas for redevelopment, and resettles families, shopkeepers and farmers on State land needed for development projects such as public housing, urban redevelopment, industries, airport and seaport expansion programmes, roads, reservoirs and other public works.

During the First (1960-65), Second (1966-70), Third (1971-75) and Fourth (1976-80) Five-Year Building Programmes, over 50,000, 60,000, 110,000 and 130,000 housing units were completed respectively. In 1983, 40,000 units were completed by the Board, bringing the number of units completed in the first 3 years of the Fifth Five-Year Building Programme to 74,500. Since its inception in 1960, the HDB has built 433,213 units of flats.

In addition to the 3 completed new towns in Queenstown, Toa Payoh and Telok Blangah which housed 134,000, 175,700 and 63,300 residents respectively, the Board has completed three more new generation towns at the end of the Fourth Five-Year Building Programme in 1980. These are Ang Mo Kio, Bedok and Clementi with 237,500, 224,900 and 111,200 residents respectively. Five new towns are now under development at Woodlands, Yishun, Hougang, Jurong East/West and Tampines.

Management of the estates is on a decentralised basis by the 34 Area Offices located within the various estates throughout Singapore. Rentals and instalment payments for HDB flats are collected at Area Offices.

Housing units managed by the Board are classified according to the number of rooms in each flat. For this purpose, besides the bedrooms, a living room or dining room

space is also counted as a room. All units have, in addition, kitchen space and bathroom/toilet facilities. Shops and eating places are generally located on the ground floor of a block of flats. They are allocated by public tender for the purposes of carrying out trade or business.

From May 1982, flats formerly built by the Jurong Town Corporation and the Housing and Urban Development Company came under the management of the Housing and Development Board. At end 1983, about 77 per cent of the population lived in public housing managed by the HDB.

8.1 BUILDINGS COMMENCED, UNDER CONSTRUCTION AND COMPLETED
(Public and Private Sectors)

Year	Buildings Commenced			Buildings Under Construction ¹			Buildings Completed		
	Number of Units	Floor Area '000 Sq M	Value \$ Million	Number of Units	Floor Area '000 Sq M	Value \$ Million	Number of Units	Floor Area '000 Sq M	Value \$ Million
1973	28,022	4,183	943.2	45,166	7,939	2,007.4	25,167	3,505	625.9
1974	28,588	4,649	1,219.1	41,948	8,674	2,419.7	31,806	3,913	806.2
1975	49,789	6,952	1,777.9	59,416	10,591	3,002.6	32,321	5,035	1,203.1
1976	34,862	5,359	1,356.7	59,109	10,721	3,014.4	35,169	5,228	1,357.5
1977	35,841	5,503	1,750.2	61,632	11,043	3,475.0	33,318	5,182	1,305.4
1978	28,652	4,820	1,376.0	53,905	10,132	3,446.9	36,379	5,732	1,407.2
1979	27,058	5,338	2,006.9	50,995	10,930	4,237.9	29,968	4,541	1,229.6
1980	21,451	5,584	3,410.1	49,077	11,822	6,153.5	23,369	4,693	1,529.6
1981	42,122	9,748	7,316.6	74,488	17,206	11,574.2	16,711	4,362	1,932.3
1982	66,498	13,611	10,120.6	117,343	25,268	18,763.6	23,643	5,551	3,075.7
1983	64,678	11,116	6,856.0	139,289	27,786	20,384.6	42,732	8,598	5,355.8

¹ End of period.

8.1 BUILDINGS COMMENCED, UNDER CONSTRUCTION AND COMPLETED
(Public Sector)

Year	Buildings Commenced			Buildings Under Construction ¹			Buildings Completed		
	Number of Units	Floor Area '000 Sq M	Value \$ Million	Number of Units	Floor Area '000 Sq M	Value \$ Million	Number of Units	Floor Area '000 Sq M	Value \$ Million
1973	24,778	2,623	558.6	36,797	3,720	802.8	22,972	2,195	300.9
1974	25,447	3,222	722.4	33,437	4,539	1,163.6	28,807	2,402	361.3
1975	48,365	5,911	1,377.2	51,856	7,061	1,822.5	29,946	3,390	709.9
1976	32,966	4,025	849.6	51,948	7,177	1,761.0	32,874	3,908	909.2
1977	34,377	4,359	1,289.8	54,593	7,389	2,107.9	31,732	4,146	958.1
1978	26,244	3,225	712.6	47,295	6,298	1,859.0	33,542	4,317	959.1
1979	24,669	3,635	1,084.5	44,151	6,650	2,210.8	27,813	3,284	743.8
1980	18,042	3,209	1,519.8	41,593	6,976	2,979.0	20,600	2,883	753.3
1981	35,084	5,899	3,258.9	62,320	10,236	5,168.5	14,357	2,637	1,071.9
1982	58,864	8,729	4,808.6	100,581	15,566	8,503.0	20,603	3,400	1,471.3
1983	56,725	8,024	3,913.5	119,083	17,703	9,467.9	38,223	5,886	2,946.2

¹ End of period.

8.1 BUILDINGS COMMENCED, UNDER CONSTRUCTION AND COMPLETED
(Private Sector)

Year	Buildings Commenced			Buildings Under Construction ¹			Buildings Completed		
	Number of Units	Floor Area '000 Sq M	Value \$ Million	Number of Units	Floor Area '000 Sq M	Value \$ Million	Number of Units	Floor Area '000 Sq M	Value \$ Million
1973	3,244	1,560	384.6	8,369	4,219	1,204.6	2,195	1,310	325.0
1974	3,141	1,427	496.7	8,511	4,135	1,256.1	2,999	1,511	444.9
1975	1,424	1,041	400.7	7,560	3,530	1,180.1	2,375	1,645	493.2
1976	1,896	1,334	507.1	7,161	3,544	1,253.4	2,295	1,320	448.3
1977	1,464	1,144	460.4	7,039	3,654	1,367.1	1,586	1,036	347.3
1978	2,408	1,595	663.4	6,610	3,834	1,587.9	2,837	1,415	448.1
1979	2,389	1,703	922.4	6,844	4,280	2,027.1	2,155	1,257	485.8
1980	3,409	2,375	1,890.3	7,484	4,846	3,174.5	2,769	1,810	776.3
1981	7,038	3,849	4,057.7	12,168	6,970	6,405.7	2,354	1,725	860.4
1982	7,634	4,882	5,312.0	16,762	9,702	10,260.6	3,040	2,151	1,604.4
1983	7,953	3,092	2,942.5	20,206	10,083	10,916.7	4,509	2,712	2,409.6

¹ End of period.

8.2 NUMBER OF UNITS OF BUILDINGS COMMENCED

Number

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Public and Private Sectors											
Residential:	27,160	28,057	48,749	33,228	33,351	26,940	25,431	18,903	39,454	60,830	61,262
Bungalow	282	147	122	67	43	42	82	118	177	146	148
Semi-detached	1,007	525	165	76	76	95	180	294	128	167	384
Terrace	921	579	143	209	181	103	222	339	350	264	629
Flats	24,607	26,389	47,807	32,204	31,927	26,353	24,490	17,811	38,603	59,645	59,101
Shophouses	340	416	511	560	1,121	338	359	335	190	589	839
Others	3	1	1	112	3	9	98	6	6	19	161
Non-Residential:	862	531	1,040	1,634	2,490	1,712	1,627	2,548	2,668	5,668	3,416
Commercial	373	141	519	701	833	266	302	771	518	1,523	1,546
Industrial	403	263	201	833	1,543	1,358	1,235	1,659	2,026	4,027	1,732
Educational	16	35	42	16	12	17	22	40	47	40	55
Others	70	92	278	84	102	71	68	78	77	78	83
Public Sector											
Residential:	24,106	25,211	47,504	31,575	32,155	24,913	23,456	15,886	33,042	54,613	54,370
Bungalow	1	-	10	-	-	-	-	-	-	16	-
Semi-detached	-	-	-	-	-	-	-	-	2	-	-
Terrace	-	-	11	-	-	-	-	-	-	12	-
Flats	23,788	24,840	46,990	30,904	31,035	24,580	23,035	15,555	32,856	53,985	53,381
Shophouses	316	370	493	560	1,120	331	358	329	184	589	839
Others	1	1	-	111	-	2	63	2	-	11	150
Non-Residential:	672	236	861	1,391	2,222	1,331	1,213	2,156	2,042	4,251	2,355
Commercial	290	80	480	604	754	168	192	680	359	771	1,163
Industrial	321	59	95	726	1,388	1,103	965	1,396	1,611	3,403	1,093
Educational	12	24	30	6	12	12	11	31	34	35	54
Others	49	73	256	55	68	48	45	49	38	42	45
Private Sector											
Residential:	3,054	2,846	1,245	1,653	1,196	2,027	1,975	3,017	6,412	6,217	6,892
Bungalow	281	147	112	67	43	42	82	118	177	130	148
Semi-detached	1,007	525	165	76	76	95	180	294	126	167	384
Terrace	921	579	132	209	181	103	222	339	350	252	629
Flats	819	1,549	817	1,300	892	1,773	1,455	2,256	5,747	5,660	5,720
Shophouses	24	46	18	-	1	7	1	6	6	-	-
Others	2	-	1	1	3	7	35	4	6	8	11
Non-Residential:	190	295	179	243	268	381	414	392	626	1,417	1,061
Commercial	83	61	39	97	79	98	110	91	159	752	383
Industrial	82	204	106	107	155	255	270	263	415	624	639
Educational	4	11	12	10	-	5	11	9	13	5	1
Others	21	19	22	29	34	23	23	29	39	36	38

8.3 FLOOR AREA OF BUILDINGS COMMENCED

Thousand Square Metres

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Public and Private Sectors											
Residential:	2,822	3,260	5,158	3,564	3,638	3,045	3,179	2,776	6,180	8,144	8,249
Bungalow	113	62	45	31	17	18	34	47	71	70	78
Semi-detached	254	134	49	20	20	25	47	77	34	50	105
Terrace	184	126	26	35	35	20	38	73	69	61	123
Flats	2,219	2,867	4,951	3,374	3,350	2,897	2,990	2,500	5,942	7,834	7,776
Shophouses	52	70	86	93	212	64	61	58	41	101	145
Others	-	1	1	11	4	21	9	21	23	28	22
Non-Residential:	1,361	1,389	1,794	1,795	1,865	1,775	2,160	2,807	3,568	5,467	2,867
Commercial	274	448	695	665	618	568	734	889	1,446	3,213	1,049
Industrial	777	759	585	789	651	931	1,171	1,478	1,668	1,796	1,056
Educational	107	133	156	77	118	99	112	241	216	348	488
Others	203	49	358	264	478	177	143	199	238	110	274
Public Sector											
Residential:	2,044	2,525	4,860	3,213	3,390	2,640	2,781	2,049	4,727	6,775	6,745
Bungalow	1	-	3	-	-	-	-	-	-	4	-
Semi-detached	-	-	-	-	-	-	-	-	1	-	-
Terrace	-	-	1	-	-	-	-	-	-	3	-
Flats	1,997	2,466	4,774	3,110	3,178	2,566	2,717	1,981	4,689	6,658	6,584
Shophouses	46	58	82	93	212	63	61	56	37	101	145
Others	-	1	-	10	-	11	3	12	-	9	16
Non-Residential:	579	697	1,051	812	969	585	855	1,159	1,172	1,954	1,279
Commercial	123	265	423	209	254	54	278	188	210	768	230
Industrial	207	293	183	436	262	341	407	615	605	803	374
Educational	77	108	126	36	118	74	85	212	174	309	481
Others	172	31	319	131	335	116	85	144	183	74	194
Private Sector											
Residential:	778	735	298	351	248	405	398	727	1,453	1,369	1,504
Bungalow	112	62	42	31	17	18	34	47	71	66	78
Semi-detached	254	134	49	20	20	25	47	77	33	50	105
Terrace	184	126	25	35	35	20	38	73	69	58	123
Flats	222	401	177	264	172	331	273	519	1,253	1,176	1,192
Shophouses	6	12	4	-	-	1	-	2	4	-	-
Others	-	-	1	1	4	10	6	9	23	19	6
Non-Residential:	782	692	743	983	896	1,190	1,305	1,648	2,396	3,513	1,588
Commercial	151	183	272	456	364	514	456	701	1,236	2,445	819
Industrial	570	466	402	353	389	590	764	863	1,063	993	682
Educational	30	25	30	41	-	25	27	29	42	39	7
Others	31	18	39	133	143	61	58	55	55	36	80

8.4 NUMBER OF UNITS OF BUILDINGS UNDER CONSTRUCTION

Number

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Public and Private Sectors											
Residential:	44,175	41,089	58,267	57,124	58,235	50,929	47,322	45,223	69,833	109,040	130,157
Bungalow	477	380	328	215	204	163	149	206	258	263	259
Semi-detached	1,878	1,669	1,456	1,240	998	784	722	804	729	614	701
Terrace	2,037	1,574	1,128	1,069	1,075	856	898	880	921	981	1,263
Flats	39,250	36,957	54,697	53,644	54,584	48,199	44,699	42,460	67,213	106,210	126,366
Shophouses	532	509	658	845	1,370	918	751	775	671	913	1,355
Others	1	-	-	111	4	9	103	98	41	59	213
Non-Residential:	991	859	1,149	1,985	3,397	2,976	3,673	3,854	4,655	8,303	9,132
Commercial	463	262	630	847	1,520	949	1,065	1,229	1,266	2,181	2,980
Industrial	433	467	336	961	1,737	1,881	2,456	2,452	3,208	5,945	5,960
Educational	21	38	58	38	18	18	28	51	65	61	72
Others	74	92	125	139	122	128	124	122	116	116	120
Public Sector											
Residential:	36,155	33,020	51,127	50,366	51,585	44,833	41,123	38,395	58,506	94,137	112,243
Bungalow	1	-	10	-	-	-	-	-	-	16	16
Semi-detached	2	-	-	-	-	-	-	-	2	-	-
Terrace	-	-	-	-	-	-	-	-	-	12	12
Flats	35,653	32,590	50,527	49,465	50,233	43,938	40,335	37,579	57,859	93,196	110,708
Shophouses	499	430	590	790	1,351	893	726	755	645	902	1,347
Others	-	-	111	1	2	62	61	-	-	11	160
Non-Residential:	642	417	729	1,582	3,008	2,462	3,028	3,198	3,814	6,444	6,840
Commercial	259	86	494	719	1,425	824	900	1,060	1,056	1,345	2,056
Industrial	323	242	101	751	1,485	1,529	2,014	2,012	2,637	4,990	4,662
Educational	14	28	43	24	16	15	18	36	49	44	63
Others	46	61	91	88	82	94	96	90	72	65	59
Private Sector											
Residential:	8,020	8,069	7,140	6,758	6,650	6,096	6,199	6,828	11,327	14,903	17,914
Bungalow	476	380	318	215	204	163	149	206	258	247	243
Semi-detached	1,876	1,669	1,456	1,240	998	784	722	804	727	614	701
Terrace	2,037	1,574	1,128	1,069	1,075	856	898	880	921	969	1,251
Flats	3,597	4,367	4,170	4,179	4,351	4,261	4,364	4,881	9,354	13,014	15,658
Shophouses	33	79	68	55	19	25	25	20	26	11	8
Others	1	-	-	-	3	7	41	37	41	48	53
Non-Residential:	349	442	420	403	389	514	645	656	841	1,859	2,292
Commercial	204	176	136	128	95	125	165	169	210	836	924
Industrial	110	225	235	210	252	352	442	440	571	955	1,298
Educational	7	10	15	14	2	3	10	15	16	17	9
Others	28	31	34	51	40	34	28	32	44	51	61

8.5 FLOOR AREA OF BUILDINGS UNDER CONSTRUCTION

Thousand Square Metres

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Public and Private Sectors											
Residential:	4,887	5,320	7,048	6,924	6,993	6,141	6,075	6,315	10,494	15,752	18,260
Bungalow	187	160	138	98	38	20	15	22	44	60	75
Semi-detached	468	421	369	309	249	191	182	184	166	139	167
Terrace	394	329	233	216	217	172	176	178	190	194	238
Flats	3,758	4,324	6,194	6,144	6,220	5,560	5,544	5,770	9,941	15,138	17,485
Shophouses	80	86	114	147	259	177	140	135	123	163	238
Others	-	-	-	10	10	21	18	26	30	58	57
Non-Residential:	3,052	3,354	3,543	3,797	4,050	3,991	4,855	5,507	6,712	9,516	9,526
Commercial	1,681	1,640	1,528	1,531	1,796	1,752	2,064	2,302	3,194	5,652	5,616
Industrial	928	1,228	1,205	1,427	1,311	1,285	1,820	2,206	2,587	3,044	2,752
Educational	149	231	317	210	160	201	249	368	451	483	681
Others	294	255	493	629	783	753	722	631	480	337	477
Public Sector											
Residential:	2,943	3,286	5,255	5,292	5,448	4,795	4,747	4,826	7,976	12,450	14,396
Bungalow	1	-	3	-	-	-	-	-	-	4	4
Semi-detached	1	-	-	-	-	-	-	-	1	-	-
Terrace	-	-	-	-	-	-	-	-	-	3	3
Flats	2,869	3,220	5,155	5,149	5,188	4,613	4,610	4,681	7,859	12,273	14,136
Shophouses	72	66	97	133	254	171	134	130	116	161	236
Others	-	-	-	10	6	11	3	15	-	9	17
Non-Residential:	777	1,253	1,806	1,885	1,941	1,503	1,903	2,150	2,260	3,116	3,307
Commercial	196	397	663	521	644	305	479	482	583	1,139	1,197
Industrial	263	485	484	756	639	465	677	838	906	1,328	1,157
Educational	93	181	250	151	140	167	211	306	393	391	604
Others	225	190	409	457	518	566	536	524	378	258	349
Private Sector											
Residential:	1,944	2,034	1,793	1,632	1,545	1,346	1,328	1,489	2,518	3,302	3,864
Bungalow	186	160	135	98	38	20	15	22	44	56	71
Semi-detached	467	421	369	309	249	191	182	184	165	139	167
Terrace	394	329	233	216	217	172	176	178	190	191	235
Flats	889	1,104	1,039	995	1,032	947	934	1,089	2,082	2,865	3,349
Shophouses	8	20	17	14	5	6	6	5	7	2	2
Others	-	-	-	-	4	10	15	11	30	49	40
Non-Residential:	2,275	2,101	1,737	1,912	2,109	2,488	2,952	3,357	4,452	6,400	6,219
Commercial	1,485	1,243	865	1,010	1,152	1,447	1,585	1,820	2,611	4,513	4,419
Industrial	665	743	721	671	672	820	1,143	1,368	1,681	1,716	1,595
Educational	56	50	67	59	20	34	38	62	58	92	77
Others	69	65	84	172	265	187	186	107	102	79	128

8.6 NUMBER OF UNITS OF BUILDINGS COMPLETED

Number

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Public and Private Sectors											
Residential:	24,320	31,143	31,571	34,371	32,240	34,246	29,038	21,002	14,844	21,623	40,145
Bungalow	198	244	174	180	54	83	96	61	125	141	152
Semi-detached	444	734	378	292	318	309	242	212	203	282	297
Terrace	622	1,042	589	268	175	322	180	357	309	204	347
Flats	22,873	28,682	30,067	33,257	30,987	32,738	27,990	20,050	13,850	20,648	38,945
Shophouses	177	439	362	373	596	790	526	311	294	347	397
Others	6	2	1	1	110	4	4	11	63	1	7
Non-Residential:	847	663	750	798	1,078	2,133	930	2,367	1,867	2,020	2,587
Commercial	396	342	151	484	160	837	186	607	481	608	747
Industrial	380	229	332	208	767	1,214	660	1,663	1,270	1,290	1,717
Educational	11	18	22	36	32	17	12	17	33	44	44
Others	60	74	245	70	119	65	72	80	83	78	79
Public Sector											
Residential:	22,350	28,346	29,397	32,336	30,936	31,665	27,166	18,614	12,931	18,982	36,264
Bungalow	-	1	-	10	-	-	-	-	-	-	-
Semi-detached	-	2	-	-	-	-	-	-	-	2	-
Terrace	-	-	11	-	-	-	-	-	-	-	-
Flats	22,172	27,903	29,053	31,966	30,267	30,875	26,638	18,311	12,576	18,648	35,869
Shophouses	176	439	333	360	559	789	525	300	294	332	394
Others	2	1	-	-	110	1	3	3	61	-	1
Non-Residential:	622	461	549	538	796	1,877	647	1,986	1,426	1,621	1,959
Commercial	268	253	72	379	48	769	116	520	363	482	452
Industrial	303	140	236	76	654	1,059	480	1,398	986	1,050	1,421
Educational	7	10	15	25	20	13	8	13	21	40	35
Others	44	58	226	58	74	36	43	55	56	49	51
Private Sector											
Residential:	1,970	2,797	2,174	2,035	1,304	2,581	1,872	2,388	1,913	2,641	3,881
Bungalow	198	243	174	170	54	83	96	61	125	141	152
Semi-detached	444	732	378	292	318	309	242	212	203	280	297
Terrace	622	1,042	578	268	175	322	180	357	309	204	347
Flats	701	779	1,014	1,291	720	1,863	1,352	1,739	1,274	2,000	3,076
Shophouses	1	-	29	13	37	1	1	11	-	15	3
Others	4	1	1	1	-	3	1	8	2	1	6
Non-Residential:	225	202	201	260	282	256	283	381	441	399	628
Commercial	128	89	79	105	112	68	70	87	118	126	295
Industrial	77	89	96	132	113	155	180	265	284	240	296
Educational	4	8	7	11	12	4	4	4	12	4	9
Others	16	16	19	12	45	29	29	25	27	29	28

8.7 FLOOR AREA OF BUILDINGS COMPLETED

Thousand Square Metres

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Public and Private Sectors											
Residential:	2,175	2,824	3,431	3,688	3,570	3,898	3,243	2,538	2,001	2,887	5,740
Bungalow	71	89	68	70	78	35	39	40	49	53	63
Semi-detached	109	180	101	79	80	83	56	76	55	77	79
Terrace	118	190	122	54	34	67	35	72	57	56	78
Flats	1,848	2,301	3,081	3,423	3,274	3,558	3,002	2,275	1,772	2,639	5,426
Shophouses	23	63	58	61	100	145	99	62	51	62	71
Others	6	1	1	1	4	10	12	13	17	-	23
Non-Residential:	1,330	1,089	1,604	1,540	1,612	1,834	1,298	2,155	2,361	2,664	2,858
Commercial	586	488	806	663	353	612	423	651	555	757	1,084
Industrial	561	460	606	566	769	958	637	1,091	1,286	1,336	1,349
Educational	38	55	70	182	169	58	63	123	132	319	291
Others	145	86	122	129	321	206	175	290	388	252	134
Public Sector											
Residential:	1,734	2,181	2,891	3,176	3,233	3,293	2,829	1,971	1,576	2,303	4,797
Bungalow	-	1	-	3	-	-	-	-	-	-	-
Semi-detached	-	1	-	-	-	-	-	-	-	1	-
Terrace	-	-	1	-	-	-	-	-	-	-	-
Flats	1,712	2,115	2,839	3,115	3,138	3,142	2,719	1,911	1,511	2,244	4,719
Shophouses	22	63	51	58	91	145	99	60	51	58	70
Others	-	1	-	-	4	6	11	-	14	-	8
Non-Residential:	461	221	499	732	913	1,024	455	912	1,061	1,097	1,089
Commercial	110	65	156	351	131	392	105	184	110	212	171
Industrial	220	71	183	164	380	515	195	454	536	380	545
Educational	6	20	57	134	129	47	41	118	86	312	269
Others	125	65	103	83	273	70	114	156	329	193	104
Private Sector											
Residential:	441	643	540	512	337	605	414	567	425	584	943
Bungalow	71	88	68	67	78	35	39	40	49	53	63
Semi-detached	109	179	101	79	80	83	56	76	55	76	79
Terrace	118	190	121	54	34	67	35	72	57	56	78
Flats	136	186	242	308	136	416	283	364	261	395	707
Shophouses	1	-	7	3	9	-	-	2	-	4	1
Others	6	-	1	1	-	4	1	13	3	-	15
Non-Residential:	869	868	1,105	808	699	810	843	1,243	1,300	1,567	1,769
Commercial	476	423	650	312	222	220	318	467	445	545	913
Industrial	341	389	423	402	389	443	442	637	751	956	804
Educational	32	35	13	48	40	11	22	5	46	7	22
Others	20	21	19	46	48	136	61	134	58	59	30

8.8 FLOOR AREA OF PRIVATE SECTOR COMMERCIAL BUILDINGS

Thousand Square Metres

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Buildings Commenced	151	181	272	456	364	514	456	701	1,236	2,445	819
Hotels	-	12	28	153	47	51	43	275	193	612	43
Shops	12	9	99	64	92	145	74	122	291	335	30
Offices	49	80	71	142	34	85	129	85	298	233	213
Restaurants	3	1	4	10	11	8	15	41	43	123	11
Car Parks	62	1	28	38	41	54	51	106	273	390	71
Godowns &											
Warehouses	22	63	33	32	106	45	30	39	44	340	167
Others	3	15	9	17	33	126	114	33	94	412	284
Buildings Under Construction (End of period)	1,485	1,243	865	1,010	1,152	1,447	1,585	1,820	2,611	4,513	4,419
Hotels	153	82	102	255	274	240	271	390	513	1,065	1,073
Shops	274	219	170	197	256	328	305	351	571	818	581
Offices	644	536	332	299	286	339	381	336	560	656	723
Restaurants	51	42	27	33	17	24	32	70	103	207	196
Car Parks	291	235	114	131	145	198	184	248	472	806	709
Godowns &											
Warehouses	17	70	73	46	126	155	171	178	187	413	386
Others	55	59	47	49	48	163	241	247	205	548	751
Buildings Completed	476	423	650	312	222	219	318	467	445	545	913
Hotels	63	83	8	-	28	86	11	156	71	60	36
Shops	56	63	147	38	33	73	97	75	72	89	267
Offices	242	187	277	176	45	32	87	130	73	138	146
Restaurants	10	10	19	4	27	1	7	4	9	20	20
Car Parks	49	57	149	21	28	-	66	43	50	54	168
Godowns &											
Warehouses	53	11	29	58	26	16	14	32	35	115	194
Others	3	12	21	15	35	11	36	27	135	69	82

8.9 UNITS UNDER MANAGEMENT OF HOUSING AND DEVELOPMENT BOARD

Number

End of Year	Dwellings						Shops
	Total	One-Room	Two-Room	Three-Room	Four-Room	Five-Room	
1973/74 ¹	178,505	62,641	33,190	73,163	8,628	883	5,324
1974/75	207,572	69,294	36,393	86,715	12,655	2,515	5,927
1975/76	234,438	72,467	38,125	99,886	18,019	5,941	6,355
1976/77	264,698	74,460	41,501	114,378	24,648	9,711	7,702
1977/78	304,459	75,008	44,415	132,420	37,643	14,973	9,441
1978/79	337,247	76,062	45,878	152,266	44,737	18,304	10,740
1979/80	362,949	76,528	47,692	166,849	51,646	20,234	11,955
1980/81	375,514	69,014	48,759	177,598	56,722	23,421	14,238
1981/82	384,557	66,768	48,578	182,398	60,654	26,159	16,696
1982/83	400,656	65,257	48,634	191,063	66,041	29,661	16,708
1983/84	444,316	60,646	48,562	209,714	87,619	37,775	18,828

Note: Figures include units managed by Jurong Town Corporation (from 1972-April 1982) and Housing and Urban Development Company (from 1976/77-April 1982).

Source: Housing and Development Board

¹ Refers to financial year 1 January 1973 to 31 March 1974.

8.10 UNITS CONSTRUCTED AND SOLD BY HOUSING AND DEVELOPMENT BOARD

Year	Shops and Flats Constructed	Flats Sold Under 'Home Ownership Scheme'	Percentage of Total Population Living in Public Flats (End of Period)
	Number		
1973/74 ¹	30,219	21,189	45.1
1974/75	31,775	18,693	50.0
1975/76	32,954	22,147	54.8
1976/77	32,593	35,121	60.2
1977/78	34,047	42,248	64.7
1978/79	27,187	31,583	69.0
1979/80	26,917	42,900	71.9
1980/81	17,927	32,267	74.1
1981/82	17,120	25,489	74.1
1982/83	22,180	22,620	75.0
1983/84	44,854	48,900	77.5

Note: Figures include units constructed and sold by Jurong Town Corporation and Housing and Urban Development Company.

Source: Housing and Development Board

¹ Refers to financial year 1 January 1973 to 31 March 1974.

9. EXTERNAL TRADE

Source of Data

Singapore's external trade statistics are compiled by the Department of Statistics from import and export declarations which are submitted to the Controller and Registrar of Imports and Exports, or the Director-General of Customs and Excise, Singapore, except for the following:

- (i) Postal packages which are based on particulars furnished by the Telecoms Postal Services; and
- (ii) Bunkers and stores supplied to non-Singapore registered ships and aircraft, which are compiled from statements furnished by ships' and aircraft agents to the Department of Statistics.

Coverage

The "general" system of recording trade statistics is adopted in Singapore. Under this system, all goods imported into or exported from Singapore are included in the external trade statistics except the following:

- (i) All transshipment cargo on through bills of lading or through air waybills;
- (ii) Fish and other marine produce landed by Singapore and Peninsular Malaysian registered vessels direct from sea;
- (iii) Goods imported and exported by, or on behalf of, diplomatic services and Armed Forces;

- (iv) Exposed cinematographic films imported or exported on rental basis;
- (v) Television news films, news or press materials;
- (vi) Animals and vehicles temporarily brought in or out for races or competitions;
- (vii) Goods temporarily imported or exported solely for exhibition purposes and intended to be returned after the exhibition;
- (viii) Ships and aircraft arriving for or departing after repair;
- (ix) Containers, cylinders, bottles and the like specified as returnable;
- (x) Personal and household effects accompanying passengers or crews;
- (xi) Samples, gifts and specimens for test or analysis not exceeding the value of \$300;
- (xii) Gold bullion; and
- (xiii) Issued currency notes and coins.

Ships and aircraft are included if they are imported or exported as merchandise purchased or sold by an owner in Singapore whether or not they arrived or departed under their own power. Bunker fuel and stores supplied to ships and aircraft of non-Singapore registration are included in these statistics.

Goods in transit through Singapore between countries other than Peninsular Malaysia are excluded.

But goods via Singapore to or from Peninsular Malaysia are recorded as imports and subsequently as exports. Goods are regarded as in transit when they are brought into Singapore for the sole purpose of transshipment and remain in the custody of the carrier agents or the Port of Singapore Authority while in Singapore.

Definitions and Terms Used

'Imports' refer to all goods brought into Singapore, except those specified as excluded under the **Coverage** section, irrespective of whether they are for consumption, for processing, for use in manufacturing, or for subsequent re-shipment to other countries.

'Exports' refer to all goods taken out of Singapore, except those

specified as excluded under the **Coverage** section.

'Domestic Exports' refer to exports of Singapore origin and comprise (i) primary commodities grown or produced in Singapore; and (ii) goods which have been transformed, that is, manufactured, assembled or processed in Singapore including those with imported materials or parts.

Valuation

Imports from and exports to countries are valued at cif and fob respectively. For trade with Peninsular Malaysia prior to 1975, imports into Singapore were valued fob Peninsular Malaysia and exports from Singapore were valued cif Peninsular Malaysia.

Classification

With effect from 1 January 1983, the trade classification adopted for documenting Singapore external trade is the revised 1983 Singapore Trade Classification and Customs Duties, which is still based on Customs Co-operation Council

Nomenclature (CCCN). However, for the publication of external trade statistics, a classification based on the Standard International Trade Classification (Revision 2) is used. Imports are classified by country of origin and exports by country of destination.

9.1 TOTAL TRADE BY REGION AND SELECTED COUNTRY

Million Dollars

Region/Country	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	21,419.7	34,559.5	32,028.3	38,670.4	45,612.2	52,586.8	69,274.5	92,797.1	102,538.8	104,717.4	105,659.1
South East Asia	4,845.3	7,004.0	6,089.4	7,424.2	8,651.8	10,103.1	14,169.1	18,485.2	19,709.8	21,454.3	22,666.8
Malaysia	3,652.6	5,033.5	4,426.7	5,685.1	6,340.0	6,987.1	9,820.8	13,333.6	14,116.2	15,924.5	16,760.1
Thailand	513.3	885.8	851.7	1,002.3	1,133.1	1,708.8	2,406.8	2,828.3	2,862.2	2,839.8	3,062.9
Philippines	114.2	170.9	203.8	219.0	455.1	484.3	676.1	746.3	807.4	911.0	1,161.0
Brunei	123.8	156.9	285.6	291.9	438.1	585.2	834.9	1,016.0	1,373.7	1,246.7	1,150.4
North East Asia	5,182.0	8,284.1	7,329.1	8,970.4	10,831.3	13,080.4	16,150.2	21,959.9	25,679.9	26,429.3	25,770.4
Japan	3,008.8	5,264.4	4,367.2	5,259.6	6,392.1	7,894.2	9,498.2	12,500.7	15,445.0	15,634.9	14,968.4
Hong Kong	840.3	1,372.3	1,364.8	1,803.3	2,125.2	2,361.8	2,924.9	4,251.0	4,974.4	5,002.3	4,400.9
Taiwan	440.1	519.7	514.7	703.6	876.1	1,081.8	1,434.8	1,918.3	1,881.7	1,885.7	2,289.0
People's Republic of China	701.6	769.7	780.5	754.4	815.1	906.2	1,263.7	1,990.0	2,007.1	2,397.7	2,197.0
Republic of Korea	156.4	288.2	251.8	389.4	573.9	734.7	924.3	1,206.6	1,282.8	1,422.2	1,868.6
South Asia	409.9	548.2	541.6	602.2	923.8	1,515.0	1,807.5	2,836.6	3,118.9	3,336.6	3,370.0
India	169.9	237.5	236.5	295.0	536.2	809.7	708.9	1,208.1	1,474.3	1,559.8	1,656.9
Sri Lanka	52.4	82.1	95.8	67.7	111.1	218.8	316.3	371.8	412.3	678.5	658.1
Bangladesh	46.3	69.1	68.7	81.0	81.7	234.8	284.6	576.7	625.9	589.7	538.3
Pakistan	117.1	109.4	97.9	122.5	142.0	181.8	413.7	534.2	373.9	311.8	306.4
West Asia	1,542.4	4,859.7	4,840.7	6,367.9	7,060.7	7,689.9	10,265.8	14,207.1	18,554.8	17,450.1	15,216.7
Saudi Arabia	420.0	1,275.0	1,880.8	3,737.8	4,074.9	4,282.4	4,722.8	7,236.9	11,836.1	10,683.8	7,482.3
Iran	326.9	1,119.2	1,065.6	891.7	1,086.1	1,001.5	620.8	674.6	961.8	2,480.9	2,029.9
United Arab Emirates	143.4	271.4	312.1	255.1	313.0	353.2	513.7	1,090.6	1,623.1	1,165.5	1,845.5
Kuwait	373.2	1,241.1	637.7	406.7	391.5	458.5	1,870.5	3,026.3	2,248.9	1,169.0	1,687.5
Bahrain	88.5	186.7	148.5	311.0	314.8	308.2	490.8	735.7	746.5	981.1	577.3
Iraq	52.9	259.6	290.0	330.7	584.1	828.9	1,505.2	589.6	153.3	51.6	38.1

9.1 TOTAL TRADE BY REGION AND SELECTED COUNTRY (continued)

Million Dollars

Region/Country	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
EEC	3,333.9	4,537.9	4,291.2	4,851.9	5,666.2	6,356.3	8,582.1	10,648.0	10,360.4	10,349.1	10,332.1
United Kingdom	1,245.2	1,570.8	1,495.8	1,447.1	1,603.3	1,841.6	2,311.1	2,840.4	2,793.5	2,613.1	2,697.9
Federal Republic of Germany	800.4	1,140.5	1,117.7	1,386.9	1,649.4	1,877.3	2,473.2	2,924.1	2,736.6	2,887.0	2,691.4
France	402.3	497.1	491.5	686.1	755.6	889.9	1,156.0	1,605.1	1,764.0	1,795.8	1,712.1
Italy	292.3	414.9	335.1	396.4	486.8	575.9	840.7	1,017.2	957.4	951.1	1,210.6
Netherlands	335.5	506.3	523.4	493.4	641.1	694.2	1,093.3	1,304.8	1,194.9	1,211.3	1,043.9
EFTA	384.8	569.1	523.8	692.1	792.2	847.1	1,190.0	1,670.9	1,518.6	1,569.6	1,393.1
Switzerland	134.3	182.7	196.6	226.4	267.5	344.2	406.9	554.1	496.7	515.0	555.4
Other Western Europe	115.0	154.2	119.0	188.2	269.0	316.9	383.9	429.2	336.1	391.7	423.1
Socialist Countries of Eastern Europe	358.5	466.3	288.2	431.3	451.6	563.6	743.7	904.8	727.7	853.2	839.1
USSR	197.7	262.2	144.2	208.4	259.4	311.9	447.2	558.1	440.0	640.3	477.8
North America	3,542.1	5,212.4	5,030.8	5,664.7	6,682.2	7,814.6	10,205.3	13,065.1	13,870.2	13,873.8	17,943.6
United States	3,400.9	4,958.8	4,799.4	5,354.0	6,348.0	7,456.3	9,755.4	12,509.2	13,205.1	13,368.7	17,379.2
Canada	141.3	253.5	231.3	310.7	334.2	358.2	449.9	555.9	665.1	505.1	564.3
LAFTA	196.0	323.8	259.3	357.2	548.6	542.1	771.0	762.0	639.1	649.8	573.6
Brazil	73.2	153.2	93.7	168.5	228.9	285.6	381.4	330.2	250.7	306.5	250.5
Oceania	967.0	1,793.4	1,913.1	2,046.6	2,340.0	2,306.6	3,134.6	4,635.5	4,725.0	4,954.2	3,938.9
Australia	771.3	1,258.7	1,298.7	1,409.2	1,635.2	1,526.0	1,992.9	2,833.1	2,978.0	3,172.4	2,478.8
New Zealand	120.4	250.8	299.8	258.3	281.6	328.5	560.8	939.1	794.8	891.8	607.1
Rest of the World	542.8	806.4	802.3	1,073.7	1,394.9	1,451.2	1,871.3	3,192.8	3,298.3	3,405.7	3,191.7

9.2 IMPORTS BY REGION AND SELECTED COUNTRY

Million Dollars

Region/Country	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	12,512.9	20,404.9	19,270.4	22,404.5	25,521.9	29,601.3	38,334.4	51,344.8	58,248.0	60,244.6	59,504.2
South East Asia	2,491.2	3,399.4	2,769.3	3,985.7	4,484.7	5,112.3	7,199.9	8,914.7	9,290.7	10,070.9	10,606.4
Malaysia	2,039.9	2,686.2	2,238.5	3,204.2	3,466.0	3,793.6	5,393.4	7,115.6	7,209.5	8,065.6	8,638.8
Thailand	312.3	542.6	406.3	516.3	571.0	814.7	1,086.3	1,019.0	997.6	1,131.8	1,068.2
Philippines	38.1	53.5	68.1	91.6	167.0	148.9	160.6	160.2	226.7	218.9	271.3
Brunei	18.8	4.9	5.8	52.1	145.5	226.8	379.2	424.2	691.1	477.6	404.4
North East Asia	3,660.1	5,280.4	4,924.2	5,566.9	6,664.6	8,265.1	9,690.2	13,372.4	15,630.9	16,011.9	16,257.4
Japan	2,295.5	3,653.9	3,254.3	3,590.8	4,474.0	5,668.2	6,530.5	9,162.4	10,957.4	10,791.0	10,724.0
Hong Kong	354.0	470.9	427.8	536.7	651.2	731.4	836.5	1,055.1	1,093.0	1,261.3	1,268.9
Taiwan	339.8	348.6	383.6	536.9	583.8	732.6	984.2	1,216.3	1,275.1	1,309.9	1,601.5
People's Republic of China	573.2	643.9	682.0	659.0	670.4	775.5	894.1	1,332.1	1,629.8	1,881.0	1,747.2
Republic of Korea	80.2	144.9	144.9	206.8	260.3	334.6	423.9	584.7	661.3	743.8	904.0
South Asia	229.3	276.7	222.7	277.6	294.3	297.8	309.3	443.6	520.1	795.0	1,041.5
India	115.6	167.0	137.0	181.9	190.0	188.1	218.7	246.4	280.7	408.2	733.5
Sri Lanka	14.8	26.0	42.9	29.4	30.8	35.1	32.8	37.6	53.2	254.4	155.9
Bangladesh	6.9	5.3	4.9	15.1	10.9	18.5	8.7	42.8	30.4	21.4	17.1
Pakistan	83.6	67.9	28.6	40.2	44.8	43.0	36.5	91.5	125.3	94.2	120.8
West Asia	1,334.5	4,334.4	4,207.7	5,493.4	6,010.4	6,390.2	8,281.6	11,731.3	15,658.5	14,466.3	12,315.8
Saudi Arabia	384.3	1,172.3	1,675.5	3,538.4	3,781.4	3,908.6	4,019.9	6,412.3	10,771.5	9,408.3	6,507.6
Iran	301.7	1,066.0	1,001.8	822.3	1,004.7	862.2	561.2	473.7	753.4	1,931.1	1,208.3
United Arab Emirates	104.2	156.0	182.6	21.3	44.2	35.8	31.8	484.4	899.5	809.9	1,418.6
Kuwait	356.9	1,216.5	601.3	333.4	308.4	355.9	1,698.4	2,838.6	1,995.4	948.3	1,545.5
Bahrein	76.2	162.2	107.7	240.4	254.0	251.5	390.7	667.3	675.3	900.4	499.5
Iraq	43.2	191.1	253.6	296.9	548.6	769.5	1,363.5	457.8	35.2	0.9	8.1

9.2 IMPORTS BY REGION AND SELECTED COUNTRY (continued)

Million Dollars

Region/Country	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
EEC	1,770.5	2,684.0	2,508.1	2,435.9	2,822.1	3,477.2	4,331.8	5,566.8	5,694.3	6,200.5	6,124.6
United Kingdom	692.7	996.3	956.0	851.2	957.0	1,116.8	1,347.3	1,771.2	1,742.9	1,708.4	1,644.2
Federal Republic of Germany	497.0	712.3	636.2	739.0	880.3	1,117.6	1,419.0	1,677.1	1,610.4	1,912.4	1,619.7
France	162.8	234.2	266.8	284.0	310.7	441.4	484.3	699.0	967.6	1,124.6	1,050.1
Italy	168.5	237.1	211.7	185.2	243.4	318.6	423.7	484.2	543.0	589.5	766.6
Netherlands	146.5	274.6	280.5	219.5	241.5	280.8	373.9	520.8	462.6	452.1	507.2
EFTA	289.9	414.8	356.8	379.3	457.3	597.4	835.5	1,182.8	1,104.4	1,177.0	977.6
Switzerland	116.5	158.2	164.7	183.7	217.5	276.3	337.7	428.4	378.3	418.1	433.5
Other Western Europe	19.1	34.2	29.0	38.0	40.0	67.3	112.5	99.3	76.3	174.8	142.7
Socialist Countries of Eastern Europe	56.0	85.7	63.0	101.4	133.6	142.7	177.8	171.3	214.2	269.7	357.6
USSR	21.6	25.7	18.2	48.9	63.9	52.9	52.0	51.2	96.7	175.6	98.3
North America	1,934.8	2,969.1	3,130.0	3,066.0	3,336.9	3,915.4	5,666.4	7,510.1	7,633.1	7,995.6	9,224.7
United States	1,885.6	2,858.1	3,024.0	2,960.5	3,227.2	3,771.8	5,489.5	7,237.2	7,356.4	7,775.4	9,005.5
Canada	49.3	111.0	105.9	105.5	109.7	143.6	176.9	272.9	276.7	220.2	219.2
LAFTA	40.2	62.3	94.5	105.9	226.3	201.2	219.5	254.3	225.0	373.0	278.4
Brazil	27.5	48.1	43.5	64.7	107.3	137.0	129.7	168.2	131.4	212.8	147.8
Oceania	496.2	669.7	749.8	696.2	779.2	777.2	1,026.8	1,383.4	1,502.5	1,663.8	1,402.3
Australia	442.1	571.0	661.5	578.0	644.6	597.5	843.4	1,162.3	1,207.5	1,400.3	1,123.4
New Zealand	49.4	74.8	78.6	92.9	88.6	123.7	150.4	188.8	225.1	221.4	180.7
Rest of the World	191.1	194.2	215.4	258.2	272.5	357.5	483.1	714.9	698.0	1,046.1	775.2

9.3 EXPORTS BY REGION AND SELECTED COUNTRY

Million Dollars

Region/Country	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	8,906.8	14,154.6	12,757.9	16,265.9	20,090.3	22,985.5	30,940.1	41,452.3	44,290.8	44,472.8	46,154.9
South East Asia	2,354.1	3,604.6	3,320.1	3,438.5	4,167.1	4,990.8	6,969.2	9,570.5	10,419.1	11,383.4	12,060.4
Malaysia	1,612.7	2,347.3	2,188.2	2,480.9	2,874.0	3,193.5	4,427.4	6,218.0	6,906.7	7,858.9	8,121.3
Thailand	201.0	343.2	445.4	486.0	562.1	894.1	1,320.5	1,809.3	1,864.6	1,708.0	1,994.7
Philippines	76.1	117.4	135.7	127.4	288.1	335.4	515.5	586.1	580.7	692.1	889.7
Brunei	105.0	152.0	279.8	239.8	292.6	358.4	455.7	591.8	682.6	769.1	746.0
North East Asia	1,521.9	3,003.7	2,404.9	3,403.5	4,166.7	4,815.3	6,460.0	8,587.5	10,049.0	10,417.4	9,513.0
Japan	713.3	1,610.5	1,112.9	1,668.8	1,918.1	2,226.0	2,967.7	3,338.3	4,487.6	4,843.9	4,244.4
Hong Kong	486.3	901.4	937.0	1,266.6	1,474.0	1,630.4	2,088.4	3,195.9	3,881.4	3,741.0	3,132.0
Taiwan	100.3	171.1	131.1	166.7	292.3	349.2	450.6	702.0	606.6	575.8	687.5
People's Republic of China	128.4	125.8	98.5	95.4	144.7	130.7	369.6	657.9	377.3	516.7	449.8
Republic of Korea	76.2	143.3	106.9	182.6	313.6	400.1	500.4	621.9	621.5	678.4	964.6
South Asia	180.6	271.5	318.9	324.6	629.5	1,217.2	1,498.2	2,393.0	2,598.8	2,541.6	2,328.5
India	54.3	70.5	99.5	113.1	364.2	621.6	490.2	961.7	1,193.6	1,151.6	923.4
Sri Lanka	37.6	56.1	52.9	38.3	80.3	183.7	283.5	334.2	359.1	424.1	502.2
Bangladesh	39.4	63.8	63.8	65.9	70.8	216.3	275.8	533.9	595.5	568.3	521.2
Pakistan	33.5	41.5	69.3	82.3	97.2	138.8	377.2	442.7	248.6	217.6	185.6
West Asia	207.9	525.3	633.0	874.5	1,050.3	1,299.7	1,984.2	2,475.8	2,896.3	2,983.8	2,900.9
Saudi Arabia	35.7	102.7	205.3	199.4	293.5	373.8	702.9	824.6	1,064.6	1,275.5	974.7
Iran	25.2	53.2	63.8	69.4	81.4	139.3	59.6	200.9	208.4	549.8	821.6
United Arab Emirates	39.2	115.4	129.5	233.8	268.8	317.4	481.9	606.2	723.6	355.6	426.9
Kuwait	16.3	24.6	36.4	73.3	83.1	102.6	172.1	187.7	253.5	220.7	142.0
Bahrain	12.3	24.5	40.8	70.6	60.8	56.7	100.1	68.4	71.2	80.7	77.8
Iraq	9.7	68.5	36.4	33.8	35.5	59.4	141.7	131.8	118.1	50.7	30.0

9.3 EXPORTS BY REGION AND SELECTED COUNTRY (continued)

Million Dollars

Region/Country	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
EEC	1,563.4	1,853.9	1,783.1	2,416.0	2,844.1	2,879.1	4,250.3	5,081.2	4,666.1	4,148.6	4,207.5
United Kingdom	552.5	574.5	539.8	595.9	646.3	724.8	963.8	1,069.2	1,050.6	904.7	1,053.7
Federal Republic of Germany	303.4	428.2	481.5	647.9	769.1	759.7	1,054.2	1,247.0	1,126.2	974.6	1,071.7
France	239.5	262.9	224.7	402.1	444.9	448.5	671.7	906.1	796.4	671.2	662.0
Italy	123.8	177.8	123.4	211.2	243.4	257.3	417.0	533.0	414.4	361.6	444.0
Netherlands	189.0	231.7	242.9	273.9	399.6	413.4	719.4	784.0	732.3	759.2	536.7
EFTA	94.9	154.3	167.0	312.8	334.9	249.7	354.5	488.1	414.2	392.6	415.5
Switzerland	17.8	24.5	31.9	42.7	50.0	67.9	69.2	125.7	118.4	96.9	121.9
Other Western Europe	95.9	120.0	90.0	150.2	229.0	249.6	271.4	329.9	259.8	216.9	280.4
Socialist Countries of Eastern Europe	302.5	380.6	225.2	329.9	318.0	420.9	565.9	733.5	513.5	583.5	481.5
USSR	176.1	236.4	126.0	159.5	195.5	259.0	395.2	506.9	343.3	464.7	379.5
North America	1,607.3	2,243.3	1,900.8	2,598.7	3,345.3	3,899.2	4,538.9	5,555.0	6,237.1	5,878.2	8,718.9
United States	1,515.3	2,100.7	1,775.4	2,393.5	3,120.8	3,684.5	4,265.9	5,272.0	5,848.7	5,593.3	8,373.7
Canada	92.0	142.5	125.4	205.2	224.5	214.6	273.0	283.0	388.4	284.9	345.1
LAFTA	155.7	261.6	164.8	251.3	322.3	340.9	551.5	507.7	414.1	276.8	295.2
Brazil	45.7	105.1	50.2	103.8	121.6	148.6	251.7	162.0	119.3	93.7	102.7
Oceania	470.8	1,123.7	1,163.3	1,350.4	1,560.8	1,529.4	2,107.8	3,252.1	3,222.5	3,290.4	2,536.6
Australia	329.2	687.7	637.2	831.2	990.6	928.5	1,149.5	1,670.8	1,770.5	1,772.1	1,355.4
New Zealand	71.0	176.0	221.2	165.4	193.0	204.8	410.4	750.3	569.7	670.4	426.4
Rest of the World	351.8	612.1	586.9	815.4	1,122.4	1,093.7	1,388.2	2,477.9	2,600.3	2,359.6	2,416.5

9.4 DOMESTIC EXPORTS BY REGION AND SELECTED COUNTRY

Million Dollars

Region/Country	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	4,412.2	8,413.6	7,540.4	9,362.4	11,651.8	13,226.2	18,200.4	25,805.2	29,452.0	29,157.8	29,206.4
South East Asia	921.1	1,716.2	1,325.1	1,166.2	1,477.6	1,868.4	2,794.8	4,382.9	5,094.2	5,637.9	5,883.9
Malaysia	433.1	784.1	672.5	710.6	771.5	896.7	1,365.0	2,254.3	2,915.8	3,618.4	3,605.3
Thailand	125.7	255.6	268.6	260.8	317.8	479.0	812.3	1,307.6	1,393.4	1,154.6	1,279.8
Philippines	33.8	73.2	63.3	48.6	174.8	195.8	288.0	340.8	292.4	411.6	609.9
Brunei	38.1	54.0	127.0	93.1	118.3	151.1	190.0	268.5	283.3	315.0	281.7
North East Asia	885.5	2,252.8	1,760.6	2,505.4	3,108.8	3,513.2	4,715.2	6,476.6	8,033.1	7,902.4	6,923.4
Japan	472.6	1,396.7	917.2	1,384.4	1,639.2	1,884.8	2,561.9	2,877.4	3,968.4	4,253.1	3,503.9
Hong Kong	360.4	750.6	752.5	981.8	1,165.8	1,258.8	1,630.6	2,659.4	3,249.0	2,751.0	2,252.2
Taiwan	31.0	55.9	56.1	53.1	139.6	171.0	179.0	387.2	324.2	293.6	330.5
People's Republic of China	6.9	17.6	22.1	49.7	53.8	35.9	151.4	238.2	114.1	117.6	117.6
Republic of Korea	5.6	21.7	9.6	21.4	96.0	118.3	168.6	292.1	343.3	449.5	711.2
South Asia	83.7	138.7	164.2	149.5	248.9	655.4	717.5	1,411.7	1,697.1	1,672.4	1,228.3
India	20.3	30.1	60.9	61.8	144.7	349.4	224.2	676.3	881.3	840.5	573.6
Sri Lanka	29.2	46.8	38.9	23.6	42.6	115.8	164.6	193.1	180.6	251.0	290.4
Bangladesh	15.9	33.3	22.5	22.5	15.5	112.3	181.0	356.6	446.1	454.7	226.1
Pakistan	13.5	15.6	25.8	31.3	36.2	55.2	111.4	126.8	81.7	64.2	63.7
West Asia	105.2	313.2	368.9	504.0	609.3	771.6	1,265.2	1,449.4	1,725.3	1,611.2	1,803.5
Saudi Arabia	22.0	78.4	156.6	123.3	178.0	251.7	462.7	467.7	532.6	510.0	560.0
Iran	3.0	17.7	20.4	35.1	26.1	59.0	20.8	60.7	93.6	505.0	719.5
United Arab Emirates	18.1	90.6	70.2	139.0	199.9	209.9	355.9	438.4	539.0	179.4	175.7
Kuwait	11.9	17.1	23.0	50.5	64.2	71.7	126.0	100.4	188.2	123.0	87.8
Bahrain	7.5	12.8	20.8	38.8	43.4	39.0	80.5	49.0	40.8	43.3	39.1
Iraq	6.7	17.3	18.2	14.0	16.8	32.1	84.0	77.4	70.8	32.8	13.8

9.4 DOMESTIC EXPORTS BY REGION AND SELECTED COUNTRY (continued)

Million Dollars

Region/Country	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
EEC	748.0	1,067.9	1,149.2	1,415.8	1,648.8	1,675.7	2,490.0	3,283.6	3,216.5	2,997.5	2,872.9
United Kingdom	255.2	301.0	334.3	363.2	359.6	442.5	666.1	690.1	752.8	648.1	750.8
Federal Republic of Germany	169.1	282.7	360.0	432.2	505.0	501.6	672.1	942.0	827.2	721.9	767.0
France	92.3	137.7	114.7	193.9	211.4	208.4	343.4	489.6	540.3	501.9	466.8
Italy	48.9	84.5	52.4	74.6	105.0	118.4	199.5	320.8	269.2	254.4	344.3
Netherlands	92.8	136.3	162.9	154.1	218.6	220.9	328.6	454.3	410.5	516.8	239.1
EFTA	65.4	121.3	141.6	269.2	276.2	189.1	250.0	357.5	320.3	302.5	319.3
Switzerland	15.5	19.1	28.1	36.1	42.8	59.1	50.4	87.1	78.1	70.8	86.6
Other Western Europe	10.0	19.5	16.1	14.2	33.4	31.2	42.1	75.3	77.4	65.5	75.9
Socialist Countries of Eastern Europe	38.2	96.0	69.2	70.4	91.7	85.6	108.5	171.6	165.2	201.9	225.1
USSR	19.4	65.0	40.5	40.1	54.0	53.4	62.1	101.8	92.6	143.2	180.2
North America	1,138.4	1,495.6	1,244.0	1,717.6	2,229.7	2,600.4	3,148.1	4,028.4	4,561.1	4,330.7	6,206.7
United States	1,102.0	1,436.2	1,177.2	1,623.3	2,136.2	2,513.7	3,026.2	3,894.1	4,397.0	4,196.2	6,018.7
Canada	36.4	59.3	66.8	94.3	93.5	86.7	121.9	134.3	164.1	134.6	187.9
LAFTA	6.4	19.3	21.8	11.0	17.7	29.2	126.5	468.5	100.2	84.5	73.1
Brazil	2.2	5.3	3.1	5.9	8.6	12.1	79.6	26.4	21.0	40.1	39.8
Oceania	262.4	846.4	891.6	1,037.4	1,164.8	1,185.9	1,722.1	2,815.3	2,743.2	2,681.3	1,995.6
Australia	165.5	457.0	422.4	580.4	666.0	671.0	871.4	1,344.8	1,428.0	1,299.4	984.4
New Zealand	35.7	142.2	191.6	122.4	141.6	149.7	344.0	683.6	486.0	579.3	337.4
Rest of the World	147.9	326.7	388.2	501.7	744.9	620.6	820.4	884.4	1,718.4	1,670.0	1,598.7

9.5 IMPORTS BY COMMODITY

Million Dollars

Commodity	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	12,512.9	20,404.9	19,270.4	22,404.5	25,521.9	29,601.3	38,334.4	51,344.8	58,248.0	60,244.6	59,504.2
Food	1,262.9	1,551.2	1,654.4	1,853.3	2,211.0	2,183.0	2,552.6	2,915.5	3,270.5	3,601.9	3,503.9
Cereals & Cereal Preparations	299.9	447.7	393.2	374.5	436.8	438.3	573.2	694.3	754.0	823.4	636.7
Fruits & Vegetables	280.7	338.7	376.8	445.7	487.8	547.2	599.3	674.1	792.2	805.0	857.8
Coffee & Spices	204.3	208.2	207.6	312.1	439.6	384.5	439.8	388.7	464.8	592.4	660.2
Beverages & Tobacco	112.7	117.9	130.3	139.4	150.0	176.0	207.3	276.0	282.2	339.5	416.2
Crude Materials	1,460.7	1,648.7	1,229.3	2,023.5	2,278.7	2,470.0	3,108.2	3,416.9	2,775.5	2,306.1	2,624.8
Rubber	978.8	1,133.2	749.5	1,302.1	1,485.4	1,577.6	2,017.7	2,163.5	1,659.7	1,269.9	1,622.2
Wood	191.1	178.3	169.4	270.1	291.5	328.3	461.4	423.6	388.0	360.4	353.1
Mineral Fuels	1,618.2	4,897.8	4,734.1	6,140.9	6,524.2	7,081.5	9,672.7	14,889.2	19,831.1	20,479.6	18,611.7
Petroleum & Petroleum Products	1,614.1	4,891.3	4,730.5	6,136.6	6,519.5	7,074.5	9,668.0	14,879.5	19,819.2	20,471.4	18,601.4
Animal & Vegetable Oils	186.4	391.3	242.0	257.8	478.9	491.1	829.4	1,001.0	721.8	671.5	632.1
Unprocessed Vegetable Oils	174.7	367.3	198.0	186.6	272.7	190.0	414.0	239.6	226.9	114.2	202.0
Chemicals	723.6	1,220.6	1,119.6	1,116.2	1,319.3	1,597.6	2,178.5	2,686.7	2,756.1	2,790.7	2,981.6
Chemical Compounds	149.7	289.0	204.3	305.1	311.0	355.1	571.4	715.7	753.0	723.5	821.2
Plastic Materials	172.8	240.8	164.5	247.6	307.6	400.1	591.3	648.2	643.3	687.0	808.1
Manufactured Goods by Material	2,526.6	3,591.8	3,510.3	3,277.4	3,630.7	4,566.5	5,736.7	7,237.2	8,079.7	8,407.4	8,089.5
Textile Manufactures	1,034.4	973.9	886.9	1,062.5	1,124.7	1,401.4	1,666.1	1,835.6	1,905.0	1,923.7	2,052.4
Non-metal Mineral Manufactures	231.6	342.3	354.5	356.6	406.1	532.7	633.8	904.2	955.7	1,025.7	1,198.4
Iron & Steel	555.9	1,234.9	1,283.9	767.7	870.1	1,138.8	1,461.0	1,854.6	2,360.6	2,596.0	1,890.0
Metal Manufactures	267.2	425.9	497.5	458.1	524.8	621.6	800.5	1,072.2	1,301.6	1,344.2	1,255.4
Machinery & Transport Equipment	3,498.4	5,405.8	5,046.2	5,794.7	6,738.5	8,607.8	11,343.9	15,303.8	16,474.9	17,219.3	18,046.1
Non-electric Machinery	1,430.6	2,323.0	2,346.0	2,205.5	2,406.6	3,050.2	4,002.4	5,720.7	6,685.2	7,142.7	6,629.1
Electric Machinery	1,201.0	1,847.8	1,879.2	2,385.7	2,815.7	3,595.2	4,675.5	6,051.7	6,665.7	6,871.3	7,597.1
Transport Equipment	866.8	1,235.0	821.1	1,203.5	1,516.3	1,962.4	2,666.0	3,531.3	3,123.9	3,205.3	3,819.8
Miscellaneous Manufactured Articles	957.5	1,345.9	1,331.3	1,534.0	1,764.9	2,071.4	2,194.3	2,951.1	3,413.0	3,852.3	3,947.2
Scientific Instruments	360.4	540.8	491.8	580.6	657.0	825.5	973.7	1,373.4	1,479.7	1,584.8	1,535.7
Miscellaneous Transactions nes	165.9	233.9	272.9	267.3	425.7	356.4	510.9	667.4	643.2	576.3	651.1

9.6 EXPORTS BY COMMODITY

Million Dollars

Commodity	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	8,906.8	14,154.6	12,757.9	16,265.9	20,090.3	22,985.5	30,940.1	41,452.3	44,290.8	44,472.8	46,154.9
Food	617.2	814.0	915.7	947.8	1,389.4	1,488.0	1,674.5	2,008.2	2,124.8	2,388.0	2,025.1
Cereals & Cereal Preparations	82.1	122.8	125.1	77.9	150.5	169.4	224.1	357.5	449.5	609.7	274.7
Fruits & Vegetables	114.0	137.8	150.6	165.3	191.9	205.1	223.3	252.8	303.2	320.9	342.9
Coffee & Spices	188.1	243.8	259.2	380.2	570.3	594.0	597.5	627.4	659.2	745.5	720.3
Beverages & Tobacco	37.4	38.6	40.9	48.9	65.2	99.9	131.6	157.2	174.3	217.0	210.0
Crude Materials	2,152.4	2,506.2	1,694.3	2,664.7	3,160.0	3,483.1	4,412.9	4,700.0	3,665.3	2,781.1	3,388.5
Rubber	1,636.0	2,050.0	1,320.7	1,995.2	2,255.7	2,480.6	3,070.2	3,294.1	2,455.4	1,744.7	2,108.3
Wood	314.6	216.2	153.7	307.0	330.0	408.0	657.7	585.0	426.4	378.4	398.8
Mineral Fuels	1,367.8	3,693.0	3,451.2	3,783.8	4,874.1	5,329.0	7,414.5	11,965.7	14,175.6	14,616.6	12,969.5
Petroleum & Petroleum Products	1,356.3	3,654.1	3,407.6	3,743.7	4,834.6	5,279.1	7,337.2	11,828.0	13,980.6	14,437.3	12,761.9
Animal & Vegetable Oils	171.5	358.0	245.5	249.3	474.7	513.5	858.1	1,095.5	820.0	780.3	628.2
Unprocessed Vegetable Oils	168.2	349.0	232.7	217.3	386.5	347.8	684.6	840.6	581.7	560.9	451.5
Chemicals	393.6	917.1	475.7	609.8	716.1	870.5	1,124.3	1,418.5	1,556.3	1,722.4	1,956.3
Medicinal Products	84.4	161.8	173.9	194.0	213.7	233.5	267.5	323.3	319.2	342.8	329.8
Manufactured Goods by Materials	920.1	1,069.9	1,086.5	1,328.8	1,602.2	2,259.7	2,841.6	3,441.7	3,669.8	3,838.7	3,683.1
Wood Manufacture	234.5	199.7	200.7	279.6	297.5	351.4	482.5	549.2	539.3	495.9	536.4
Textile Manufactures	353.8	337.7	308.9	443.5	467.3	606.3	787.9	793.2	737.0	745.6	810.2
Iron & Steel	93.3	187.5	206.0	187.1	263.3	400.4	362.4	454.3	586.3	707.5	411.2
Metal Manufactures	101.8	143.9	158.3	175.7	228.5	287.1	389.5	450.7	578.5	516.9	509.6
Machinery & Transport Equipment	1,967.8	2,918.6	2,894.6	4,106.7	4,917.0	5,715.1	8,216.7	11,089.4	11,779.4	11,546.2	14,677.9
Non-electric Machinery	671.9	870.9	889.8	983.5	1,163.8	1,299.5	1,958.9	2,662.8	3,119.8	3,597.1	4,536.4
Electric Machinery	956.9	1,487.5	1,471.9	2,186.4	2,868.0	3,557.4	5,045.6	6,656.6	6,724.7	6,479.4	7,816.8
Transport Equipment	339.0	560.1	533.0	936.8	885.2	858.3	1,212.2	1,770.0	1,934.9	1,469.6	2,324.8
Miscellaneous Manufactured Articles	695.8	807.5	880.4	1,232.5	1,402.3	1,725.0	2,121.7	2,572.4	2,919.1	2,831.5	3,083.7
Clothing	319.7	310.5	277.8	448.7	514.1	672.2	811.0	912.8	990.1	979.7	1,002.1
Scientific Instruments	152.7	180.3	295.4	402.1	377.6	423.7	534.6	631.8	732.6	647.5	756.3
Miscellaneous Transaction nes	583.2	1,031.7	1,073.1	1,293.6	1,489.3	1,501.7	2,144.1	3,003.7	3,406.2	3,751.0	3,532.6

9.7 DOMESTIC EXPORTS BY COMMODITY

Million Dollars

Commodity	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	4,412.2	8,413.6	7,540.4	9,362.4	11,651.8	13,226.2	18,200.4	25,805.2	29,452.0	29,157.8	29,206.4
Food	168.5	252.8	278.1	204.9	296.5	343.9	450.1	600.6	536.7	449.5	469.1
Animal Feeding Stuffs	49.2	54.8	36.5	34.7	65.0	64.6	74.8	83.6	57.6	42.6	38.6
Beverages & Tobacco	12.9	18.0	25.8	29.7	43.6	74.4	88.0	102.7	116.2	134.1	114.7
Crude Materials ¹	42.4	45.9	44.9	62.3	73.9	85.3	129.3	152.3	140.0	125.3	179.6
Mineral Fuels ²	1,274.0	3,562.6	3,233.1	3,632.2	4,697.2	5,224.7	7,214.8	11,612.2	13,829.6	13,846.5	12,192.7
Animal & Vegetable Oils	40.7	66.8	56.1	62.6	129.4	170.7	229.8	393.7	470.3	482.6	401.9
Chemicals	183.9	583.4	208.2	268.3	325.5	389.2	458.0	572.9	609.7	690.7	869.7
Medicinal Products	57.1	115.5	135.7	152.5	168.8	183.4	205.5	258.2	237.4	260.3	241.3
Plastic Materials	25.2	49.4	23.4	48.1	66.5	95.1	92.7	99.6	100.6	108.5	106.5
Manufactured Goods by Materials	437.6	462.5	486.2	627.6	769.8	1,024.5	1,197.7	1,322.7	1,326.6	1,214.4	1,083.2
Wood Simply Shaped	186.0	150.2	144.7	195.3	199.2	252.9	366.7	414.3	363.6	289.5	286.5
Textile Yarn Thread	62.4	47.0	43.9	84.5	76.4	101.7	152.8	137.9	96.7	76.1	68.4
Cotton Fabrics Woven	40.4	43.9	43.6	66.2	71.5	73.8	75.9	79.8	72.5	72.5	31.6
Machinery & Transport Equipment	1,284.7	1,925.5	1,686.5	2,475.8	3,051.6	3,436.6	5,067.9	6,566.6	7,326.8	6,961.0	8,718.6
Office Machines	335.8	323.1	175.3	155.8	173.4	156.0	195.5	263.7	282.6	382.5	818.6
Other Non-electric Machines	22.0	69.9	86.7	118.3	160.4	205.2	220.4	158.8	357.1	434.5	490.7
Electric Generators	60.9	88.4	87.6	126.2	166.6	193.9	230.4	330.2	503.0	611.2	1,045.6
Telecommunications Apparatus	223.4	342.2	348.3	501.8	715.6	939.2	1,473.6	1,976.9	2,156.6	1,723.7	1,839.2
Other Electric Machinery	539.3	843.0	592.2	955.4	1,224.4	1,448.1	2,045.7	2,387.8	2,198.4	2,261.0	2,613.0
Ships & Boats	65.2	188.6	279.2	537.0	479.9	290.7	455.7	587.7	965.9	764.7	982.7
Miscellaneous Manufactured Articles	547.1	621.6	668.3	934.6	1,062.8	1,284.0	1,567.2	1,886.5	2,114.5	1,907.2	2,097.5
Clothing	292.6	276.3	236.2	372.9	440.0	558.9	670.3	757.3	800.3	752.8	765.2
Scientific Instruments	91.7	95.7	131.8	113.7	125.2	114.9	197.3	235.8	237.3	163.9	207.6
Watches & Clocks	8.7	16.9	84.6	175.4	108.0	136.3	109.9	143.5	175.2	150.1	157.2
Printed Matters	32.7	50.0	42.1	48.5	87.7	75.0	77.3	90.5	115.2	110.6	112.0
Toys & Sporting Goods	16.5	23.3	23.7	35.2	78.6	84.7	97.3	147.9	175.4	151.5	138.7
Miscellaneous Transactions nes	420.4	874.5	853.2	1,064.4	1,201.5	1,192.9	1,797.6	2,595.1	2,981.6	3,346.5	3,079.4
Oil Bunkers	399.6	850.6	840.3	1,046.1	1,174.7	1,173.2	1,773.3	2,568.0	2,948.4	3,314.7	3,040.9

¹ Exclude processed rubber and sawn timber.² Figures from 1975 include petroleum naphtha which was previously included under chemicals.

9.8 IMPORTS OF SPECIFIC COMMODITY

Million Dollars

Year	Meat	Rice	Unmilled Cereals	Fruits and Nuts	Spices	Animal Feed	Crude Rubber	Sawn Timber	Crude Petroleum
1973	78.3	163.1	107.5	102.5	151.1	119.6	974.4	110.2	1,139.2
1974	108.6	196.8	204.0	114.3	144.5	105.2	1,126.8	115.5	3,932.8
1975	106.3	122.2	211.8	134.8	156.3	138.9	745.5	105.1	3,597.0
1976	124.9	132.1	181.5	145.5	182.7	180.5	1,295.2	208.6	4,673.6
1977	137.1	131.5	243.2	171.5	217.9	220.9	1,477.9	244.0	5,447.2
1978	142.6	151.7	221.9	189.8	225.1	195.8	1,568.1	267.7	6,258.3
1979	182.7	162.0	327.1	230.8	239.1	216.1	2,004.4	352.0	8,312.2
1980	208.9	169.2	408.0	269.7	172.2	238.7	2,151.3	339.5	12,153.6
1981	257.1	192.9	409.7	347.6	185.5	183.9	1,650.8	294.0	17,474.7
1982	310.9	159.2	518.2	325.6	227.3	209.3	1,261.7	288.9	16,191.0
1983	292.9	143.6	365.6	348.8	215.0	160.9	1,610.6	274.1	14,303.5

9.8 IMPORTS OF SPECIFIC COMMODITY (continued)

Million Dollars

Year	Petroleum Products	Vegetable Oil	Medicinal Products	Paper and Paperboard	Textile Yarn and Thread	Woven Textile Fabrics	Steel Plates, Bars, etc	Iron Pipes and Fittings	Generators
1973	475.0	174.7	85.5	161.2	119.6	732.8	382.5	95.6	390.6
1974	958.5	367.3	124.1	229.1	126.4	621.3	739.5	391.8	559.7
1975	1,133.5	198.0	150.2	134.5	96.7	559.0	520.7	646.0	743.5
1976	1,463.0	186.6	119.2	179.9	100.3	712.6	468.1	183.6	780.2
1977	1,072.3	272.7	160.9	195.1	119.4	751.9	483.4	307.8	895.9
1978	816.2	190.0	161.4	253.3	137.8	979.3	650.8	357.9	1,169.3
1979	1,355.7	414.0	173.2	312.7	121.2	1,113.7	758.6	460.7	1,081.0
1980	2,725.9	239.6	206.8	414.6	207.0	1,228.4	1,037.5	591.4	1,500.1
1981	2,344.5	226.9	203.6	427.3	177.2	1,279.4	1,242.7	931.6	1,670.6
1982	4,280.4	114.2	210.7	387.3	141.9	1,313.5	1,263.0	1,060.8	1,924.5
1983	4,297.9	202.0	207.0	427.4	141.9	1,493.0	1,233.3	451.7	1,868.8

9.8 IMPORTS OF SPECIFIC COMMODITY (continued)

Million Dollars

Year	Industrial Machinery	Telecommunications Apparatus	Other Machinery and Equipment	Motor Vehicles	Ships, Boats and Oil Rigs	Clothing	Scientific Instrument	Watches and Clocks	Toys and Games
1973	549.7	244.9	1,236.1	395.2	229.3	90.3	179.2	149.1	54.2
1974	1,013.9	365.5	1,906.8	566.8	434.4	133.1	246.8	246.7	77.1
1975	821.4	390.4	1,929.0	333.0	298.4	143.4	210.8	233.1	91.0
1976	719.1	410.5	2,350.4	432.5	546.2	189.1	236.9	291.7	105.1
1977	657.1	517.8	2,763.8	567.7	579.1	220.9	265.2	321.4	143.1
1978	785.9	586.4	3,609.3	741.4	782.0	256.3	355.5	385.9	145.5
1979	1,208.2	997.8	4,155.8	967.8	692.7	238.5	514.2	377.7	152.4
1980	1,617.3	1,478.7	5,294.0	1,268.3	1,114.7	303.3	674.0	576.3	202.8
1981	1,681.4	1,446.1	6,150.1	1,264.5	1,259.6	415.1	806.3	541.9	237.3
1982	1,614.6	1,366.7	6,411.1	1,198.1	1,400.5	543.1	882.7	550.4	263.2
1983	1,513.2	1,524.4	6,154.9	1,196.9	1,269.3	591.8	871.7	537.6	227.1

9.9 EXPORTS OF SPECIFIC COMMODITY

Million Dollars

Year	Spices	Coffee	Animal Feed	Crude Rubber	Sawn Timber	Petroleum Products	Vegetable Oil	Medicinal Products	Manufactured Fertilizers
1973	118.7	40.5	100.7	1,626.9	313.6	1,354.1	168.2	84.4	61.2
1974	156.4	52.0	122.5	2,031.4	213.6	3,652.5	349.0	161.8	83.6
1975	182.2	51.0	88.5	1,302.6	152.1	3,355.8	232.7	173.9	62.2
1976	204.9	141.5	89.5	1,980.0	305.1	3,743.7	217.3	194.0	59.4
1977	243.1	266.1	186.1	2,236.7	319.3	4,782.4	386.5	213.7	81.6
1978	296.8	212.5	181.3	2,460.2	390.7	5,256.4	347.8	233.5	129.4
1979	288.7	177.8	198.3	3,069.3	640.8	7,301.8	684.6	267.5	133.5
1980	252.3	194.4	206.0	3,292.1	568.9	11,810.0	840.6	323.3	197.5
1981	248.5	203.0	128.8	2,454.0	401.9	13,953.5	581.7	319.2	188.5
1982	281.6	220.9	111.7	1,742.8	347.2	14,288.3	560.9	342.8	233.3
1983	231.9	236.3	97.7	2,105.8	367.6	12,557.3	451.5	329.8	207.8

9.9 EXPORTS OF SPECIFIC COMMODITY (continued)

Million Dollars

Year	Crude Vegetable Materials	Wood Simply Shaped	Textile Yarn and Thread	Woven Textile Fabrics	Steel Plates, Bars, etc	Tubes, Pipes and Fittings	Generators	Office Machines	Industrial Machinery
1973	52.5	226.7	83.5	231.2	63.7	18.8	144.4	356.7	127.2
1974	64.0	188.4	90.9	198.4	117.2	48.5	228.2	341.7	193.3
1975	62.6	186.5	69.0	187.5	66.0	127.3	267.7	207.7	264.1
1976	79.8	261.1	104.2	263.6	91.8	80.3	346.9	184.7	289.6
1977	118.2	268.0	97.1	296.4	102.3	147.3	437.7	198.7	314.4
1978	133.4	336.0	132.3	379.8	152.2	229.4	453.8	187.6	352.2
1979	203.1	482.0	217.9	455.7	207.3	126.7	549.5	247.7	569.0
1980	212.0	548.2	198.9	466.5	252.5	170.0	760.6	341.3	799.8
1981	216.3	538.1	143.4	475.8	238.4	301.2	1,027.7	380.6	918.1
1982	225.7	495.4	112.3	527.7	225.4	436.7	1,287.1	638.2	899.0
1983	190.4	536.1	113.3	578.8	139.9	235.7	1,768.9	1,656.3	821.4

9.9 EXPORTS OF SPECIFIC COMMODITY (continued)

Million Dollars

Year	Telecommuni- cations Apparatus	Other Machinery and Equipment	Motor Vehicles	Ships, Boats and Oil Rigs	Furniture	Clothing	Scientific Instrument	Watches and Clocks	Printed Matter
1973	249.4	714.4	181.4	93.7	12.7	319.7	113.4	32.1	48.6
1974	380.5	1,144.0	260.8	244.1	17.4	310.4	124.9	48.5	68.2
1975	400.5	1,157.9	190.9	309.0	18.8	277.7	173.7	114.5	62.3
1976	567.6	1,710.2	229.2	640.3	39.1	448.6	160.7	235.1	71.4
1977	803.9	2,158.4	276.3	532.1	48.1	514.1	181.7	184.9	113.1
1978	1,061.6	2,644.8	329.6	410.6	70.5	672.2	185.8	223.6	106.7
1979	1,722.8	3,445.7	333.8	722.6	109.2	811.0	328.5	189.8	115.2
1980	2,718.0	3,896.7	490.3	931.1	138.2	912.8	390.3	221.8	129.8
1981	2,642.5	3,852.7	464.8	1,137.7	179.0	990.1	454.2	250.9	166.0
1982	2,196.8	4,088.3	360.7	871.7	159.5	979.7	370.9	232.9	155.1
1983	2,389.8	4,665.9	399.1	1,348.7	173.0	1,002.1	470.8	246.2	152.6

10. TRANSPORT AND COMMUNICATION

Vessels Entered and Cleared

Data on the movement of vessels are compiled from declarations submitted to the Port Master (to Director of Marine prior to April 1973) by all merchant ships except fishing vessels entering or leaving Singapore waters. The data are given in number and net registered tonnage which is the close-in space for cargo and passenger accommodation.

Cargo Discharged and Loaded

Volume of cargo handled refers to those discharged and loaded at all parts of Singapore and is based on cargo summaries submitted to the Manifest Section of the Import and Export Office. The data include transshipment cargo but exclude military stores. Data on "mineral oil-in-bulk" cover crude and refined

petroleum carried by tankers discharged or loaded at the oil refineries, but exclude bunker fuel supplied to vessels. All other cargo, including vegetable oil-in-bulk, bulk cement, bulk wheat, bulk latex and live animals are shown as "General Cargo and Other Bulk Cargo".

Civil Air Traffic

All traffic movements are compiled from data supplied by the Department of Civil Aviation and relate primarily to passengers, freight and mail on commercial flights handled at the Paya Lebar Airport (up to 30 Jun 81), Changi Airport (from 1 Jul 81) and Seletar Aerodrome.

Passenger Movements

Data on arrivals and departures

of passengers are compiled from returns submitted by airline and shipping agents and cover all persons except those travelling between Singapore and Peninsular Malaysia.

Data on visitor arrivals are compiled from immigration embarkation/disembarkation forms completed by all visitors arriving in Singapore at the points of entry.

Data on returning Singapore residents by air and sea are compiled from the disembarkation forms completed by all Singapore citizens and residents returning from abroad.

Roads

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

Major Arterial Roads - Rural

highways and expressways entering the city area, principal road network for through traffic and roads linking principal areas of traffic generation.

Collector Roads - Distributor and collector roads serving traffic between major arterial roads and local streets and also those used mainly for traffic movements between adjacent residential, commercial and industrial areas.

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

Vehicles Registered

Registration of motor vehicles is compulsory and the licence is renewable every six months or a year with the Registry of Vehicles.

Road Casualties

Data on road casualties are

compiled from reports made to the Police on all traffic accidents occurring on roads.

10.1 VESSELS REGISTERED IN SINGAPORE
(End of Period)

Tonnage Class (Gross Registered Tons)	1979		1980		1981		1982		1983	
	Number	'000 GRT	Number	'000 GRT	Number	'000 GRT	Number	'000 GRT	Number	'000 GRT
Total	1,583	7,690	1,552	7,420	1,682	7,776	1,780	7,730	1,743	7,140
Non-propelled or Below 100	731	350	765	392	898	498	974	592	945	582
100 & Above	852	7,340	787	7,028	784	7,278	806	7,138	798	6,558

Source: Marine Department

10.2 AGE DISTRIBUTION OF VESSELS REGISTERED IN SINGAPORE, DECEMBER 1983

Tonnage Class (Gross Registered Tons)	Age Group (Years)													
	0 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 and Above	
	Number	'000 GRT	Number	'000 GRT	Number	'000 GRT	Number	'000 GRT	Number	'000 GRT	Number	'000 GRT	Number	'000 GRT
Total	749	1,740	367	2,253	351	1,846	128	592	78	435	49	233	21	41
Non-propelled or Below 100	573	376	178	110	168	81	19	13	4	2	1	-	2	-
100 to Below 500	91	21	46	12	43	10	36	11	8	2	-	-	2	-
500 to Below 1,000	17	13	5	4	12	11	20	18	7	5	5	4	2	2
1,000 to Below 5,000	18	53	36	110	44	123	15	31	23	51	22	52	13	24
5,000 to Below 10,000	10	74	34	256	35	264	18	153	24	205	15	112	2	15
10,000 & Above	40	1,203	68	1,761	49	1,357	20	366	12	170	6	65	-	-

Source: Marine Department

10.3 VESSELS LICENSED IN SINGAPORE

End of Year	Vessels Other Than Fishing Vessels					Fishing Vessels		
	Total	Native Sailing Craft	Cargo Boats	Passenger Boats	Others ¹	Total	Powered Vessels	Non-powered Vessels
1973	2,788	50	2,276	462	..	816	529	287
1974	2,631	35	2,150	446	..	769	509	260
1975	2,751	28	1,921	258	544	737	499	238
1976	2,981	26	2,077	286	592	709	493	216
1977	2,911	26	2,000	297	588	736	539	197
1978	3,004	28	1,938	477	561	719	546	173
1979	2,923	24	1,887	463	549	685	546	139
1980	2,877	21	1,829	458	569	641	511	130
1981	2,926	15	1,793	527	591	655	526	129
1982	2,840	13	1,650	568	609	622	514	108
1983	2,731	8	1,495	582	646	575	519	56

¹ Figures refer to work boats, bum boats and tug boats.

Source: Marine Department
Department of Primary Production
Port of Singapore Authority

10.4 VESSELS ENTERED AND CLEARED

Year	Total				Vessels of Over 75 NRT ¹				Vessels of 75 NRT and Under and Native Crafts of All Types ¹			
	Entered		Cleared		Entered		Cleared		Entered		Cleared	
	Number	'000 NRT	Number	'000 NRT	Number	'000 NRT	Number	'000 NRT	Number	'000 NRT	Number	'000 NRT
1973	36,511	94,984	36,705	93,994	18,948	93,564	18,884	92,518	17,563	1,420	17,821	1,476
1974	36,187	104,647	36,240	104,586	19,641	103,215	19,617	103,028	16,546	1,432	16,623	1,558
1975	38,518	104,267	38,522	104,332	20,216	102,587	20,201	102,608	18,302	1,680	18,321	1,724
1976	38,289	113,510	38,435	114,313	20,012	111,075	19,995	111,710	18,277	2,435	18,440	2,603
1977	39,088	130,596	39,343	129,890	20,602	128,264	20,616	127,355	18,486	2,332	18,727	2,535
1978	44,306	138,208	44,549	138,405	21,787	135,433	21,829	135,588	22,519	2,775	22,720	2,817
1979	47,729	153,581	47,925	153,424	23,704	149,846	23,721	149,655	24,025	3,735	24,204	3,769
1980	47,732	158,253	48,038	158,688	24,877	155,167	24,820	155,369	22,855	3,086	23,218	3,319
1981	50,837	177,247	50,967	176,073	26,134	173,272	26,097	171,951	24,703	3,975	24,870	4,122
1982	54,379	186,289	54,444	186,607	27,957	181,392	27,892	181,723	26,422	4,897	26,552	4,884
1983	56,224	188,332	56,309	188,868	27,861	182,951	27,909	183,441	28,363	5,381	28,400	5,427

Note: Figures include vessels with cargo and in ballast, and exclude fishing vessels.

¹ Include non-motorised vessels of all tonnages.

10.5 SEABORNE CARGO DISCHARGED AND LOADED

Thousand Freight Tonnes

Year	Discharged			Loaded		
	Total	General Cargo and Other Bulk Cargo	Mineral Oil-in-Bulk	Total	General Cargo and Other Bulk Cargo	Mineral Oil-in-Bulk
1973	38,566.9	8,651.6	29,915.3	22,702.0	5,613.7	17,088.3
1974	37,713.6	9,092.7	28,620.9	22,738.9	5,665.1	17,073.8
1975	33,032.0	9,452.0	23,580.0	19,067.2	5,329.3	13,737.9
1976	37,703.1	10,900.5	26,802.6	20,273.4	6,481.2	13,792.2
1977	39,833.8	11,302.5	28,531.3	24,284.8	7,501.9	16,782.9
1978	44,832.5	13,237.8	31,594.7	28,506.7	9,082.0	19,424.7
1979	48,424.4	15,745.2	32,679.2	31,388.4	10,762.1	20,626.3
1980	48,550.0	16,917.3	31,632.7	32,412.5	11,553.4	20,859.1
1981	53,598.7	18,419.5	35,179.2	33,745.1	12,120.6	21,624.5
1982	59,995.9	21,088.6	38,907.3	35,665.0	12,610.2	23,054.8
1983	63,848.9	23,579.0	40,269.9	36,277.6	12,987.0	23,290.6

10.6 SEABORNE CARGO DISCHARGED AND LOADED BY REGION AND SELECTED COUNTRIES OF ORIGIN AND DESTINATION

Thousand Freight Tonnes

Region/Country of Origin or Destination	1979		1980		1981		1982		1983	
	Discharged	Loaded	Discharged	Loaded	Discharged	Loaded	Discharged	Loaded	Discharged	Loaded
ALL COUNTRIES	48,424.4	31,388.4	48,550.0	32,412.5	53,598.7	33,745.1	59,995.9	35,665.0	63,848.9	36,277.6
South East Asia	6,997.1	6,214.4	6,072.8	7,335.7	7,807.4	7,720.8	10,786.8	8,897.9	12,490.0	10,033.8
Peninsular Malaysia (West Coast)	446.6	1,386.9	604.9	2,172.2	515.4	2,288.1	748.8	3,047.1	791.3	2,972.1
Peninsular Malaysia (East Coast)	2,317.4	263.1	1,755.6	250.8	2,611.8	325.7	3,584.5	750.5	4,356.3	865.3
Sabah-Sarawak	1,435.9	1,079.9	1,170.4	1,290.8	1,575.5	1,336.3	2,845.6	1,346.2	3,518.6	1,104.9
Thailand	1,300.7	2,440.5	1,299.4	2,482.6	1,637.4	2,546.6	1,800.2	2,361.8	1,845.3	3,072.9
North East Asia	6,364.2	11,694.7	8,074.6	11,388.5	9,632.7	12,669.6	11,083.0	12,838.0	12,459.6	12,081.5
China People's Republic	550.4	115.8	856.1	185.4	1,451.6	275.9	1,627.3	559.0	1,534.1	315.4
Hong Kong	696.4	4,911.5	821.4	5,669.2	935.5	5,793.8	1,194.1	5,578.5	1,227.3	4,642.4
Japan	3,965.7	5,784.1	4,879.5	4,181.6	5,521.0	5,527.0	5,975.3	5,471.7	6,466.0	5,433.7
Taiwan	565.1	313.5	861.4	707.4	1,064.3	499.0	1,448.5	477.5	2,124.4	602.8
South Asia	418.5	1,948.7	586.4	2,576.9	620.6	2,403.2	994.3	2,355.1	1,262.3	2,180.1
Red Sea & Persian Gulf Area	28,491.2	2,174.4	25,968.1	2,211.3	28,055.9	2,613.6	28,084.5	3,400.4	26,755.3	3,451.7
Bahrain	1,591.1	183.7	1,662.3	60.1	1,629.4	66.7	1,691.0	107.0	1,147.4	94.1
Iran	2,221.0	80.4	1,198.5	92.2	1,230.9	144.8	4,070.8	659.5	2,206.0	1,294.3
Kuwait	5,569.9	138.2	5,860.8	187.9	3,185.4	322.9	3,040.1	290.6	4,074.3	213.5
Saudi Arabia	15,585.4	768.5	15,243.6	803.8	19,300.4	948.3	17,504.4	1,570.6	14,087.3	989.4
Mediterranean Sea (excluding France)	406.4	551.3	496.0	578.8	433.2	726.1	426.0	872.3	708.0	708.0
Other Africa	601.9	409.0	924.4	544.9	797.5	761.9	739.0	604.4	621.8	636.3
Atlantic Europe	1,733.2	1,980.6	2,015.0	2,037.4	2,203.7	1,830.9	2,293.4	1,774.1	3,179.5	1,742.5
France	180.1	354.4	226.5	426.5	294.0	313.4	320.0	289.5	406.3	275.1
Germany Federal Republic	551.5	337.7	560.9	368.3	675.7	373.2	757.2	350.9	774.2	390.5
Netherlands	353.2	658.3	485.0	811.6	562.5	595.2	485.5	699.9	656.7	531.7
United Kingdom	388.9	469.2	477.7	321.6	391.3	390.5	428.9	324.9	876.8	419.1
Northern Europe	138.5	118.1	117.9	116.7	90.5	119.8	132.6	82.8	200.7	85.4
Soviet Union & Other Eastern Europe	157.5	182.3	134.2	185.1	182.0	150.5	417.6	235.6	457.8	121.9
Oceania	1,328.6	4,472.1	1,689.4	4,264.8	1,498.3	3,688.0	1,981.5	3,966.4	1,948.8	3,309.4
Australia (West Coast)	206.8	764.6	218.8	713.5	301.6	905.0	274.6	875.5	434.1	960.1
Australia (East Coast)	917.3	1,470.5	1,289.8	1,138.2	1,033.5	968.3	1,477.4	1,128.8	1,276.5	733.8
New Zealand	123.8	847.9	94.7	964.4	103.4	672.9	191.9	842.8	138.5	559.2
North America	1,303.4	1,408.8	1,942.5	965.8	2,144.9	1,127.2	2,301.1	950.6	3,212.1	1,555.0
United States (Atlantic Ports)	506.3	455.0	708.1	516.4	540.2	662.2	645.7	516.2	1,192.4	1,011.0
United States (Pacific Ports)	531.3	620.0	827.1	287.0	1,297.5	325.0	1,407.2	379.7	1,743.6	368.1
Central & South America	483.9	234.0	528.7	206.6	172.5	226.4	456.0	133.7	388.7	372.0

10.7 CIVIL AIRCRAFT LANDINGS, PASSENGERS AND MAIL

Year	Landings From		Passengers					Mail			
	Peninsular Malaysia	Other Countries	Arrivals From		Departures To		In Transit	From		To	
			Peninsular Malaysia	Other Countries	Peninsular Malaysia	Other Countries		Peninsular Malaysia	Other Countries	Peninsular Malaysia	Other Countries
	Number		Persons					Tonnes			
1973	6,833	22,343	350,299	1,000,446	343,522	1,030,411	583,850	109	1,348	297	1,480
1974	5,855	24,860	356,336	1,126,896	350,260	1,163,472	631,028	63	1,494	324	1,857
1975	5,825	26,366	371,804	1,275,277	360,857	1,316,106	712,105	57	1,598	328	2,490
1976	6,705	26,005	405,732	1,453,773	399,963	1,480,925	795,465	129	1,630	342	2,557
1977	7,640	25,902	439,257	1,667,453	425,362	1,692,747	899,084	124	1,916	397	2,981
1978	8,040	27,336	492,486	1,917,769	472,702	1,931,426	935,415	133	2,613	392	2,875
1979	8,312	28,697	590,430	2,129,750	571,818	2,138,249	1,064,077	160	3,459	536	3,262
1980	8,492	29,464	704,401	2,436,322	677,446	2,473,586	1,002,794	125	3,850	562	3,514
1981	8,042	27,610	783,268	2,813,836	698,418	2,879,690	976,946	136	4,155	569	3,675
1982	7,144	26,924	781,423	3,005,988	698,317	3,092,828	1,033,256	144	3,899	536	3,750
1983	7,006	26,770	796,225	3,034,495	757,352	3,098,252	992,828	137	4,185	512	4,196

10.8 AIR CARGO DISCHARGED BY COUNTRY OF ORIGIN AND LOADED BY COUNTRY OF DESTINATION

Tonnes

Country of Origin or Destination	1979		1980		1981		1982		1983	
	Discharged	Loaded	Discharged	Loaded	Discharged	Loaded	Discharged	Loaded	Discharged	Loaded
Total	78,301	79,786	90,713	91,062	100,931	96,172	120,715	101,589	144,722	116,203
Australia	5,310	5,700	5,176	5,979	7,833	7,380	10,800	7,025	16,135	8,018
France	1,367	2,737	1,614	3,446	1,277	2,569	1,539	2,383	1,658	2,130
Germany	2,419	4,075	2,458	4,212	2,622	3,577	2,130	3,093	2,347	3,618
Hong Kong	10,503	6,127	12,332	4,970	12,171	5,748	11,826	6,991	11,584	8,668
India	2,559	1,070	2,114	1,356	2,042	1,888	2,228	2,836	3,104	3,226
Indonesia	6,110	9,942	8,743	12,784	8,226	17,470	10,950	17,633	14,816	13,232
Italy	953	1,083	589	1,040	729	542	1,047	585	1,385	675
Japan	11,153	4,178	16,002	5,181	15,429	6,617	15,943	6,980	20,207	9,599
Malaysia	4,829	8,393	5,081	9,584	4,859	9,419	5,653	10,087	6,538	11,488
Netherlands	3,228	3,742	3,533	4,030	5,080	3,397	4,263	3,281	4,994	4,778
New Zealand	1,097	1,127	1,133	1,096	1,817	1,604	2,493	2,072	2,773	2,211
Philippines	1,363	1,548	1,485	1,555	2,229	2,091	2,678	2,571	3,041	2,730
Scandinavia	1,779	1,701	1,652	1,791	1,713	1,163	2,473	1,407	2,815	1,598
Switzerland	1,523	1,084	2,169	1,700	2,222	2,230	2,533	2,585	2,871	2,877
Taiwan	4,399	1,096	4,991	1,215	4,895	1,267	7,763	1,552	8,526	1,658
Thailand	3,758	3,062	4,655	5,192	6,848	4,534	11,143	4,648	11,331	5,531
United Kingdom	2,378	4,110	2,407	5,007	2,502	4,900	2,492	3,797	2,774	5,327
United States	7,844	4,732	7,644	4,515	7,101	4,561	8,643	5,864	13,265	9,411
Other Countries	5,729	14,279	6,935	16,409	11,336	15,215	14,118	16,199	14,558	19,428

Note: Data exclude air cargo in transit.

10.9 ARRIVALS AND DEPARTURES OF AIR AND SEA PASSENGERS

Number

Year	Arrivals			Departures		
	Total	Air	Sea	Total	Air	Sea
1973	1,066,234	1,000,446	65,788	1,100,721	1,030,411	70,310
1974	1,199,584	1,126,896	72,688	1,237,282	1,163,472	73,810
1975	1,337,623	1,275,277	62,346	1,377,798	1,316,106	61,692
1976	1,525,215	1,453,773	71,442	1,544,815	1,480,925	63,890
1977	1,725,797	1,667,453	58,344	1,747,157	1,692,747	54,410
1978	1,982,003	1,917,769	64,234	1,992,611	1,931,426	61,185
1979	2,202,704	2,129,750	72,954	2,202,244	2,138,249	63,995
1980	2,532,746	2,436,322	96,424	2,555,510	2,473,586	81,924
1981	2,929,436	2,813,836	115,600	2,992,867	2,879,690	113,177
1982	3,108,442	3,005,988	102,454	3,199,912	3,092,828	107,084
1983	3,111,104	3,034,495	76,609	3,181,153	3,098,252	82,901

Note: Data exclude movements of passengers between Singapore and Peninsular Malaysia.

10.10 AIR PASSENGERS BY COUNTRY OF EMBARKATION AND DISEMBARKATION

Number

Country of Embarkation or Disembarkation	1979		1980		1981		1982		1983	
	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures
Total	2,129,750	2,138,249	2,436,322	2,473,586	2,813,836	2,879,690	3,005,988	3,092,828	3,034,495	3,098,252
Brunei & Sabah-Sarawak	157,363	160,996	170,159	173,683	185,080	194,574	208,081	216,699	215,065	227,446
Indonesia	513,259	495,842	560,955	545,890	624,875	619,444	637,434	639,525	536,939	537,895
Thailand	253,070	247,373	286,277	283,721	334,361	322,169	349,333	362,564	383,382	397,430
Philippines	112,602	101,128	126,919	112,774	148,141	131,714	160,706	141,106	142,362	118,339
India, Pakistan & Sri Lanka	101,193	104,431	116,386	130,914	144,988	171,576	157,388	187,779	177,473	199,297
Hong Kong	222,647	217,313	281,191	274,136	330,374	326,371	342,300	334,130	360,774	339,837
Japan	141,614	138,663	167,344	162,464	210,129	213,852	241,951	261,238	249,100	267,248
Other Countries in Asia	110,097	112,768	117,981	124,195	141,852	154,441	157,918	168,305	173,519	180,214
Oceania	212,176	242,087	249,632	287,936	290,937	336,427	331,373	367,992	360,901	371,911
United Kingdom	107,696	108,194	113,202	107,314	116,939	108,468	130,082	115,706	130,719	136,848
Netherlands	48,251	46,054	55,590	50,995	58,774	54,121	55,434	47,081	55,227	47,370
Other Countries in Europe	126,725	129,765	145,530	143,499	168,860	165,062	167,913	170,740	178,572	191,015
Other Countries	23,057	33,635	45,156	76,065	58,526	81,471	66,075	79,963	70,462	83,402

Note: See note to Table 10.9.

10.11 SEA PASSENGERS BY COUNTRY OF EMBARKATION AND DISEMBARKATION

Number

Country of Embarkation or Disembarkation	1979		1980		1981		1982		1983	
	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures
Total	72,954	63,995	96,424	81,924	115,600	113,177	102,454	107,084	76,609	82,901
Brunei & Sabah-Sarawak	56	122	23	48	-	6	-	-	94	63
Indonesia	55,148	42,163	82,721	62,469	99,594	92,167	90,601	86,855	63,516	61,214
India, Pakistan & Sri Lanka	7,554	12,053	5,607	9,831	9,066	13,733	6,537	14,044	5,580	11,253
Hong Kong	496	487	1,394	351	656	83	606	537	724	1,370
People's Republic of China	2,144	4,260	2,117	4,458	1,963	3,977	1,699	3,796	1,688	4,603
Oceania	6,138	3,703	3,749	3,780	2,230	1,674	1,346	757	2,024	976
Other Countries	1,418	1,207	813	987	2,091	1,537	1,665	1,095	2,983	3,422

Note: See note to Table 10.9.

10.12 VISITOR ARRIVALS BY CITIZENSHIP
(By Air, Sea and Land)

Thousand

Citizenship	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	984.7	1,087.4	1,169.3	1,320.6	1,506.7	2,047.2	2,247.1	2,562.1	2,828.9	2,956.7	2,853.6
Malaysia	87.9	95.7	91.0	97.0	111.0	285.7	350.1	384.1	380.7	375.1	403.7
Brunei	6.2	7.7	11.0	13.6	15.5	16.2	17.7	19.1	22.2	25.1	27.2
Indonesia	117.9	146.3	175.5	210.1	260.2	332.1	287.6	342.5	409.7	425.7	270.7
Thailand	11.3	14.6	22.0	26.8	31.8	60.3	80.2	88.8	103.3	152.5	165.3
Philippines	11.1	16.0	18.3	21.3	25.0	33.6	39.5	44.9	50.8	58.0	61.4
India	27.5	31.0	32.9	31.3	34.8	97.8	124.5	149.6	173.8	168.4	202.7
Pakistan	3.4	3.6	3.9	4.6	5.9	9.8	12.9	17.1	17.7	16.8	18.0
Sri Lanka	7.2	7.4	7.8	7.9	8.9	14.5	16.9	18.8	24.3	24.1	25.8
China & Taiwan	25.1	26.8	28.5	29.5	35.6	35.9	59.6	64.1	59.1	68.7	72.4
Japan	113.4	110.1	119.9	141.5	190.6	218.7	261.0	298.6	365.2	389.1	381.4
Australia	140.6	150.9	166.2	190.1	190.8	204.8	187.8	216.9	231.8	246.5	227.1
New Zealand	16.9	22.2	24.2	28.6	35.9	43.2	50.9	56.1	52.9	56.7	54.4
United Kingdom	125.3	133.5	122.6	124.2	132.2	168.0	182.3	197.6	215.8	227.2	222.8
UK Dependencies nec	16.1	17.7	18.1	20.0	22.7	35.1	42.4	56.8	60.5	65.2	61.7
France	21.8	24.0	28.2	35.1	37.7	45.0	50.5	49.3	53.2	49.5	44.8
Federal Republic of Germany	24.4	29.9	35.4	39.8	45.0	60.3	68.7	78.7	85.1	73.3	72.7
Italy	11.2	12.2	14.9	13.6	15.8	22.5	23.9	27.3	26.4	24.3	23.0
Netherlands	20.7	22.2	25.8	31.0	38.1	45.9	51.3	56.6	59.0	50.9	50.7
Other European Countries	40.0	43.7	45.6	54.5	62.6	78.4	95.7	107.6	118.8	112.0	112.3
United States	117.8	126.0	130.5	147.3	143.3	153.8	144.6	163.5	172.4	181.1	196.2
Canada	11.4	13.0	14.9	16.9	19.3	21.9	22.5	26.5	30.6	32.3	35.3
Other Countries	27.5	32.9	32.1	35.9	44.0	63.7	76.5	97.6	115.6	134.2	124.0

Note: Figures excluded Malaysian arrivals by land. Prior to 1978, other arrivals by land as well as Malaysians coming direct to Singapore by air and sea were also excluded.

10.13 VISITOR ARRIVALS BY COUNTRY OF RESIDENCE
(By Air, Sea and Land)

Thousand

Country of Residence	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	984.7	1,087.4	1,169.3	1,320.6	1,506.7	2,047.2	2,247.1	2,562.1	2,828.9	2,956.7	2,853.6
Malaysia	105.6	113.9	109.7	115.3	128.4	356.7	433.3	481.5	478.0	468.4	488.9
Brunei	12.3	13.8	18.1	21.6	24.4	28.6	30.9	33.0	36.9	40.5	43.0
Indonesia	139.1	172.2	207.2	245.7	300.4	369.2	317.8	371.8	439.5	455.4	296.1
Thailand	16.6	20.2	27.4	32.2	36.7	64.4	84.4	93.6	108.7	157.8	171.2
Philippines	12.8	17.8	20.0	23.3	27.2	36.3	42.8	48.1	53.6	60.6	63.4
India	21.8	24.3	25.6	23.3	24.5	55.8	70.4	85.5	116.9	121.5	154.4
Pakistan	3.1	3.3	3.7	4.1	5.2	8.2	11.0	15.1	15.4	14.5	15.7
Sri Lanka	6.4	6.5	6.8	6.7	7.3	11.1	13.5	15.5	21.0	21.2	23.1
China & Taiwan	12.9	15.8	17.1	18.1	23.2	30.6	52.1	57.0	56.1	66.4	70.9
Hong Kong	35.7	36.1	37.2	40.2	44.1	52.1	62.7	82.5	85.7	92.9	92.9
Japan	113.4	109.3	118.7	139.5	188.9	209.3	250.3	287.4	354.8	378.5	370.6
Other Countries in Asia	17.1	20.0	18.5	20.7	30.1	47.5	60.7	75.3	87.2	101.3	102.9
Australia	174.1	184.3	194.2	217.0	216.1	228.9	206.4	239.2	258.6	282.0	259.4
New Zealand	21.6	27.4	28.8	34.7	44.1	51.7	60.8	63.0	58.0	59.9	57.0
United Kingdom	76.2	83.2	74.4	72.8	78.2	99.8	117.3	128.4	145.0	149.9	150.4
France	17.3	19.0	22.7	28.8	31.0	37.0	42.0	40.2	44.7	41.1	37.1
Federal Republic of Germany	20.2	25.5	31.0	35.6	39.9	55.0	63.5	73.0	79.8	68.1	67.3
Italy	10.5	11.4	14.0	12.8	15.0	20.9	22.8	26.3	25.3	23.0	21.5
Netherlands	14.1	15.2	18.5	23.1	29.6	36.7	42.2	47.1	49.6	41.4	40.6
Other European Countries	33.2	37.4	39.5	48.9	56.3	71.2	88.0	98.4	103.1	100.9	101.2
United States	98.6	104.1	106.2	122.3	118.1	126.2	118.7	135.8	143.6	150.7	167.4
Canada	9.5	11.1	12.7	14.6	16.4	18.1	17.9	20.9	24.2	25.0	27.8
Other Countries	12.6	15.6	17.3	19.3	21.6	31.9	37.6	43.5	43.2	35.7	30.8

Note: See notes to Table 10.12.

10.14 VISITOR ARRIVALS BY COUNTRY OF EMBARKATION
(By Air, Sea and Land)

Thousand

Country of Embarkation	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	984.7	1,087.4	1,169.3	1,320.6	1,506.7	2,047.2	2,247.1	2,562.1	2,828.9	2,956.7	2,853.6
Peninsular Malaysia	106.7	115.5	122.9	128.8	148.5	540.2	622.6	732.8	784.6	820.4	822.0
Brunei & Sabah-Sarawak	66.2	71.7	78.7	84.6	98.5	102.6	119.3	126.4	135.9	151.3	156.4
Indonesia	238.4	291.4	335.9	371.7	415.9	451.9	424.8	471.8	528.6	526.0	381.4
Thailand	109.8	120.1	119.7	137.2	154.1	176.5	181.3	203.8	227.8	230.4	252.8
Philippines	23.0	29.7	34.1	36.9	45.7	59.2	72.1	79.0	81.0	89.9	82.5
India, Pakistan & Sri Lanka	32.5	36.7	39.6	42.4	47.5	66.3	78.0	85.0	104.9	112.3	129.7
Hong Kong	73.3	71.9	78.1	93.1	106.9	118.1	125.6	153.4	166.9	171.2	178.3
Taiwan	8.0	10.2	12.5	16.7	19.2	22.1	29.1	32.5	34.0	36.8	40.7
Japan	47.5	47.0	56.2	72.5	99.8	106.3	148.3	173.8	224.4	238.2	218.6
Other Countries in Asia	17.6	21.6	17.8	16.1	22.9	32.0	45.4	48.9	51.9	55.7	59.3
Australia & New Zealand	124.0	125.2	126.9	147.6	156.3	159.0	160.7	189.3	208.2	232.4	226.9
United Kingdom	74.2	74.3	64.6	68.6	76.7	78.3	83.5	88.7	87.8	101.9	103.6
Other Countries in Europe	55.0	57.0	62.0	77.5	92.8	101.1	117.3	134.1	143.0	138.5	141.8
United States	3.3	7.9	10.9	14.7	11.6	6.6	14.6	24.3	29.3	30.1	32.4
Africa	0.4	1.3	1.5	1.1	0.3	0.5	0.9	1.2	1.7	1.4	1.2
Other Countries	4.8	5.9	7.9	11.1	10.0	26.5	23.6	17.1	18.9	20.2	26.0

Note: See notes to Table 10.12.

10.15 VISITOR ARRIVALS BY PURPOSE OF VISIT
(By Air, Sea and Land)

					Number
Year	Total	Vacation	Business	Business/Vacation	Others
1973	984,732	603,489	126,044	87,027	168,172
1974	1,087,443	652,827	140,026	102,473	192,117
1975	1,169,270	728,486	146,505	110,030	184,249
1976	1,320,625	858,608	156,561	116,325	189,131
1977	1,506,688	992,672	180,175	130,007	203,834
1978	2,047,224	1,295,450	230,447	154,759	366,568
1979	2,247,091	1,427,034	265,088	157,143	397,826
1980	2,562,085	1,644,209	300,901	166,093	450,882
1981	2,828,899	1,863,560	334,211	170,129	460,999
1982	2,956,690	1,942,726	365,365	166,835	481,764
1983	2,853,577	1,793,034	377,582	160,334	522,627

Note: See notes to Table 10.12.

10.16 VISITOR ARRIVALS BY COUNTRY OF RESIDENCE AND TRAVEL ARRANGEMENT
(By Air, Sea and Land)

Thousand

Country of Residence	Group Tour					Others				
	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983
Total	499.4	572.8	655.0	654.7	596.4	1,747.7	1,989.3	2,173.9	2,302.0	2,257.2
Malaysia	25.0	28.5	25.3	23.7	25.8	408.3	453.0	452.7	444.7	463.1
Brunei	3.4	3.3	3.5	4.3	4.7	27.5	29.7	33.4	36.2	38.3
Indonesia	26.0	38.4	48.6	43.6	21.8	291.8	333.4	390.9	411.8	274.3
Thailand	23.8	24.7	26.1	31.8	38.3	60.6	68.9	82.6	126.0	132.9
Philippines	6.7	8.0	8.5	9.3	7.7	36.1	40.1	45.1	51.3	55.7
India	11.7	18.5	27.9	27.0	35.9	58.7	67.0	89.0	94.5	118.5
Pakistan	1.2	1.6	1.4	1.4	1.5	9.8	13.5	14.0	13.1	14.2
Sri Lanka	0.8	1.0	1.7	1.4	1.5	12.7	14.5	19.3	19.8	21.6
China & Taiwan	25.3	29.2	27.0	34.9	33.3	26.8	27.8	29.1	31.5	37.6
Hong Kong	14.1	23.6	26.4	29.3	22.3	48.6	58.9	59.3	63.6	70.6
Japan	155.0	176.6	228.4	240.9	223.7	95.3	110.8	126.4	137.6	146.9
Other Countries in Asia	12.2	15.4	17.3	22.0	20.0	48.5	59.9	69.9	79.3	82.9
Australia	56.6	65.1	76.5	75.3	54.7	149.8	174.1	182.1	206.7	204.7
New Zealand	10.9	10.6	8.9	9.2	10.6	49.9	52.4	49.1	50.7	46.4
United Kingdom	12.3	10.5	11.5	10.9	11.0	105.0	117.9	133.5	139.0	139.4
France	13.4	10.7	11.1	7.0	5.8	28.6	29.5	33.6	34.1	31.3
Fed Rep of Germany	15.9	15.4	15.6	11.5	9.2	47.6	57.6	64.2	56.6	58.1
Italy	9.1	10.1	8.7	6.9	5.0	13.7	16.2	16.6	16.1	16.5
Netherlands	10.1	11.1	11.6	8.5	7.6	32.1	36.0	38.0	32.9	33.0
Other European Countries	23.1	24.4	20.6	16.7	15.1	64.9	74.0	82.5	84.2	86.1
United States	27.9	28.9	27.9	26.1	29.3	90.8	106.9	115.7	124.6	138.1
Canada	3.4	3.4	4.1	3.1	4.2	14.5	17.5	20.1	21.9	23.6
Other Countries	11.5	13.8	16.4	9.9	7.4	26.1	29.7	26.8	25.8	23.4

10.17 AVERAGE LENGTH OF STAY OF VISITORS BY SELECTED COUNTRY OF RESIDENCE AND TRAVEL ARRANGEMENT
(By Air, Sea and Land)

Days

Country of Residence	Total					Group Tours					Others				
	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983
Total	4.8	4.8	4.7	4.5	4.4	3.0	3.2	3.2	3.2	3.1	5.3	5.3	5.1	4.8	4.8
Malaysia	3.7	3.6	3.5	3.2	3.1	2.9	3.1	2.6	2.7	2.5	3.8	3.7	3.6	3.2	3.1
Brunei	4.7	4.4	3.8	3.9	4.0	4.7	6.4	4.3	4.1	4.7	4.7	4.2	3.8	3.9	4.0
Indonesia	3.3	4.6	4.6	4.6	2.6	4.2	4.0	3.8	3.8	4.2	3.2	4.7	4.7	4.7	2.5
Thailand	4.6	4.9	5.4	6.6	6.2	2.8	3.8	3.8	5.0	4.2	5.3	5.3	5.9	7.0	6.7
Philippines	4.8	4.8	4.8	4.6	5.3	4.2	4.3	4.4	3.7	4.7	4.9	5.0	4.8	4.8	5.4
India	10.9	10.6	10.5	8.6	7.3	7.1	7.7	7.4	6.4	5.1	11.7	11.4	11.4	9.3	7.9
Pakistan	7.7	7.4	7.9	7.4	7.1	7.5	6.7	7.0	6.0	6.4	7.7	7.5	8.0	7.5	7.1
Sri Lanka	8.3	8.7	7.2	6.5	6.7	10.0	6.9	6.1	7.1	5.7	8.2	8.8	7.3	6.5	6.8
China & Taiwan	6.0	5.4	5.5	5.0	6.4	3.1	3.0	2.9	2.6	2.6	8.7	8.0	8.2	7.8	9.7
Hong Kong	4.9	4.3	4.5	4.2	4.4	3.0	2.6	2.9	2.8	2.7	5.5	5.0	5.3	4.8	4.9
Japan	3.2	3.2	3.2	3.0	2.9	2.5	2.6	2.7	2.6	2.4	4.3	4.2	4.1	3.7	3.6
Australia	4.1	4.4	4.2	3.9	3.7	4.0	4.4	4.6	4.5	4.2	4.1	4.3	4.0	3.7	3.6
New Zealand	3.6	4.1	4.0	3.8	4.0	3.9	4.0	4.1	4.1	4.7	3.5	4.1	3.9	3.8	3.8
United Kingdom	4.9	5.1	5.1	4.8	4.9	3.7	3.6	3.5	3.5	3.9	5.1	5.2	5.2	4.9	5.0
France	3.9	3.5	3.4	3.5	3.7	1.9	1.9	1.9	1.9	1.8	3.9	4.1	3.9	3.8	4.0
Fed Rep of Germany	3.2	3.1	3.1	3.1	3.1	2.1	1.9	1.7	1.8	1.8	3.5	3.4	3.5	3.4	3.3
Italy	3.4	3.3	3.2	3.0	3.2	2.2	2.1	2.0	2.0	2.2	4.3	4.0	3.8	3.4	3.5
Netherlands	3.5	3.4	3.2	3.3	3.7	1.7	2.0	2.0	2.2	2.2	4.1	3.8	3.6	3.6	4.0
United States	4.8	4.8	4.8	4.3	4.4	2.2	2.4	2.5	2.4	2.3	5.6	5.5	5.4	4.7	4.8
Canada	5.9	5.6	6.3	5.6	5.4	2.5	2.5	2.5	2.4	2.7	6.8	6.3	7.1	6.1	5.9

10.18 AVERAGE LENGTH OF STAY OF VISITORS BY (a) PURPOSE OF VISIT AND (b) TYPE OF ACCOMMODATION

Days

	1979	1980	1981	1982	1983
Total	4.8	4.8	4.7	4.5	4.4
Purpose of Visit					
Holiday	4.8	4.9	4.8	4.7	4.7
Business	4.6	4.5	4.4	4.2	4.2
Business & Pleasure	5.6	5.7	5.6	5.3	5.4
In Transit	1.1	1.0	0.9	0.8	0.9
Convention	5.2	4.9	5.2	5.1	5.6
Others	10.9	8.8	8.6	6.4	6.8
Type of Accommodation					
Hotel	3.6	3.7	3.7	3.7	3.6
Residence of Friends/Relatives	10.0	10.3	9.9	8.9	8.9
Own Residence	20.4	17.5	14.6	11.4	11.9
Others	6.0	6.1	5.9	5.3	5.6

10.19 TOURIST ARRIVALS, HOTELS AND CESS COLLECTION

Year	Tourist Arrivals	Tourist Hotels ¹				Sales Tax on Food and Drinks
		Number	Rooms	Occupancy Rate	Cess Collected	
	Thousand	At end year		Per Cent	\$'000	\$'000
1973	984.7	71	9,413	67.1	2,612.2	7,107.2
1974	1,087.4	70	9,913	69.6	3,024.6	7,886.7
1975	1,169.3	69	9,904	74.7	3,367.3	9,030.2
1976	1,320.6	71	10,254	78.4	3,892.0	9,877.7
1977	1,506.7	68	10,547	83.3	4,666.6	11,013.1
1978	2,047.2	72	11,505	86.5	5,758.4	12,574.3
1979	2,247.1	72	12,159	85.4	7,304.6	14,414.9
1980	2,562.1	69	12,756	86.1	9,671.3	17,576.1
1981	2,828.9	69	13,924	85.7	12,355.6	20,812.4
1982	2,956.7	47	14,097	80.8	13,789.7	22,921.5
1983	2,853.6	48	14,468	75.5	12,936.6	24,232.4

¹ Figures from 1982 refer to tourist hotels with 50 or more rooms.

Source: Singapore Tourist Promotion Board
Customs and Excise Department

10.20 RETURNING SINGAPORE RESIDENTS BY COUNTRY OF EMBARKATION
(By Air and Sea)

Number

Country of Embarkation	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	127,509	148,192	173,221	186,369	208,973	230,167	265,283	299,876	330,118	385,728	433,849
Peninsular Malaysia	4,106	4,241	3,662	3,749	3,807	-	-	-	-	-	-
Brunei & Sabah-Sarawak	10,968	13,185	16,008	18,378	20,347	20,194	23,581	26,939	29,912	35,437	35,912
Indonesia	34,863	47,982	56,689	56,069	57,012	53,955	65,075	77,322	82,988	89,157	103,112
Thailand	14,223	17,964	24,837	25,111	27,693	31,578	37,585	41,477	46,113	60,457	66,584
Philippines	1,182	3,025	4,498	7,544	11,842	11,722	13,358	13,822	15,492	16,359	13,636
India, Pakistan & Sri Lanka	10,740	9,897	9,976	11,374	13,483	14,237	17,832	22,204	23,127	23,322	24,308
Hong Kong	21,833	20,220	23,161	28,862	32,819	32,255	40,177	50,458	55,890	70,663	86,774
Taiwan	4,047	4,985	5,467	6,188	6,603	7,511	9,672	11,174	12,931	14,256	15,155
Japan	1,960	1,854	1,897	2,141	3,327	3,288	4,765	6,936	9,853	12,614	15,668
Other Countries in Asia	7,374	7,834	5,852	3,359	5,607	6,375	7,038	7,442	7,488	7,914	9,464
Australia & New Zealand	5,135	5,717	6,071	7,131	8,189	8,159	9,477	13,019	15,155	19,228	24,587
United Kingdom	7,234	6,965	8,135	8,680	10,443	10,907	11,652	11,889	11,498	13,160	14,023
Other Countries in Europe	2,648	2,744	3,274	4,022	5,100	5,931	7,004	8,410	9,293	11,022	12,058
United States	178	459	643	791	810	1,046	3,860	6,485	8,428	9,661	10,277
Africa	13	11	27	64	22	27	76	30	39	52	59
Other Countries	1,005	1,109	3,024	2,906	1,869	22,982	14,131	2,269	1,911	2,426	2,232

Note: Figures prior to 1978 exclude returning residents of Singapore and Malaysian citizenship embarking at ports in Peninsular Malaysia coming direct to Singapore. From 1978, figures excluded all returning residents embarking at ports in Peninsular Malaysia.

**10.21 RETURNING SINGAPORE RESIDENTS BY (a) PURPOSE OF TRAVEL OVERSEAS,
AND (b) LENGTH OF STAY OVERSEAS
(By Air and Sea)**

	Number					
	1978	1979	1980	1981	1982	1983
Total	230,167	265,283	299,876	330,118	385,728	433,849
Purpose of Travel Overseas						
Pleasure/Vacation	132,446	155,884	171,960	189,706	216,489	240,591
Business/Pleasure	63,757	58,068	62,129	71,183	82,376	102,034
Education	5,578	14,738	18,042	18,947	20,346	15,935
Employment	14,041	10,857	8,133	8,474	9,129	14,615
Others	14,345	25,736	39,612	41,808	57,388	60,674
Length of Stay Overseas						
Under 1 week	58,220	72,044	82,000	91,585	110,711	131,067
1 - under 2 weeks	46,595	56,025	62,107	69,751	85,202	99,495
2 - under 4 weeks	41,041	50,456	58,051	63,393	74,486	83,781
1 - under 4 months	31,329	35,430	40,646	40,353	48,779	53,472
4 - under 6 months	7,375	7,556	7,732	7,659	8,280	7,976
6 months and over	8,950	8,752	8,204	7,491	9,921	13,230
Not stated	36,657	35,017	41,136	49,886	48,349	44,828
Median Length of Stay Overseas (Days)	12.8	12.4	12.3	11.9	11.8	11.5

10.22 PUBLIC ROADS

Kilometres

End of Year	Total	Major Arterial Roads	Collector Roads	Local Roads Improved	Local Roads Unimproved
1973	2,139	248	114	1,281	496
1974	2,155	250	115	1,300	490
1975	2,173	263	122	1,337	451
1976	2,218	275	138	1,393	412
1977	2,237	281	140	1,430	386
1978	2,267	297	142	1,473	355
1979	2,289	308	144	1,509	328
1980	2,356	352	157	1,539	308
1981	2,478	399	188	1,596	295
1982	2,529	427	199	1,608	295
1983	2,569	444	212	1,714	199

Source: Public Works Department

10.23 MOTOR VEHICLES REGISTERED

Number

End of Year	Total Motor Vehicles on Register	Motor Cars		Buses	Goods Vehicles	Motor Cycles and Scooters	Others ¹
		Private	Public				
1973	367,541	187,972	6,326	4,775	45,097	122,714	657
1974	276,866	142,674	6,306	4,779	36,424	84,849	1,834
1975	280,378	142,045	6,492	4,935	41,363	83,145	2,398
1976	279,864	135,499	6,581	5,217	45,733	84,016	2,818
1977	289,954	134,903	7,201	5,442	49,502	89,840	3,066
1978	309,384	137,240	9,124	5,874	55,608	98,248	3,290
1979	338,729	143,402	10,277	6,217	67,201	108,051	3,581
1980	371,341	152,574	11,922	6,512	78,020	118,345	3,968
1981	401,805	161,692	13,375	6,950	87,752	127,722	4,314
1982	440,276	179,635	14,798	7,585	96,889	136,899	4,470
1983	476,288	202,092	14,841	7,985	105,090	141,569	4,711

Note: With effect from January 1974, the records on motor vehicles are computerised.
 Figures from 1974 onwards are not comparable with those of earlier years.

Source: Registry of Vehicles

¹ Including hearses, tuition lorries and cranes, exempted lorries and tippers, road rollers, tractors, vans, vehicles used for specific purposes and others.

10.24 ROAD CASUALTIES

Persons

Year	Total		Pedestrians		Pedal Cyclists ¹		Motor Cyclists and Passengers		Motor Vehicle Drivers and Passengers		Others	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
1973	380	11,472	185	3,533	45	913	94	3,263	52	3,647	4	116
1974	288	9,735	117	3,021	30	904	59	2,599	74	3,106	8	105
1975	282	8,566	120	2,600	30	811	72	2,277	55	2,794	5	84
1976	286	9,400	132	2,582	27	1,009	58	2,576	64	3,120	5	113
1977	271	10,586	125	2,704	33	940	66	3,448	43	3,399	4	95
1978	278	12,509	103	2,555	27	931	87	4,435	61	4,509	-	79
1979	234	13,223	100	2,692	21	851	66	5,001	38	4,497	9	182
1980	259	11,756	96	2,192	18	638	94	4,645	48	4,166	3	115
1981	275	12,483	110	2,160	27	671	79	5,307	56	4,240	3	105
1982	307	12,582	96	2,112	25	684	126	5,660	58	4,043	2	83
1983	297	10,819	114	1,976	33	448	100	4,615	49	3,678	1	102

¹ Include trishaw riders and passengers.

Source: Police Department

10.25 POSTAL ARTICLES HANDLED

Thousand

Year	Total	Letters	Postcards	Printed Matters	Airmail Correspondence 1st Class ¹	Registered Articles	Parcels	Unregistered Government Franked Correspondence	Others
1973	299,148	144,895	2,616	65,447	57,723	8,148	1,804	18,498	17
1974	315,142	144,618	2,547	73,568	58,647	9,397	1,711	24,636	18
1975	331,447	158,352	1,772	72,432	59,761	10,514	1,650	26,953	13
1976	350,172	161,404	2,359	82,211	59,845	11,195	1,664	31,483	11
1977	367,500	161,246	1,668	81,727	79,805	11,697	1,735	29,615	7
1978	392,893	187,779	1,412	77,451	86,416	12,681	1,588	25,560	6
1979	412,085	198,618	1,842	86,916	88,310	13,928	1,635	20,828	8
1980	443,989	205,011	2,346	93,891	96,477	15,785	1,713	28,761	5
1981	481,842	223,760	3,340	101,353	103,305	17,344	1,753	30,982	5
1982	503,235	235,217	2,042	94,120	120,274	18,722	1,750	31,105	5
1983	560,329	257,053	3,408	117,219	127,657	18,780	1,784	34,423	5

¹ From 1982, this includes airmail printed matters, which was previously accounted for under "Printed Matters".

Source: The Telecommunication Authority of Singapore

10.26 TELECOMMUNICATIONS

Thousand

Year	Outgoing Telegrams		Outgoing Telex Calls		International Telephone Calls ¹	Total Number of Telephones Installed ²
	Peninsular Malaysia	Other Countries	Peninsular Malaysia	Other Countries		
1973	76	1,140	44	528	577	250
1974	74	1,039	61	914	707	280
1975	68	840	110	1,552	843	318
1976	55	798	176	2,154	1,077	374
1977	45	800	244	2,812	1,301	455
1978	45	739	304	3,673	1,760	540
1979	46	701	394	4,991	2,490	625
1980	46	655	523	6,831	3,535	702
1981	44	567	669	8,894	5,058	775
1982	38	434	966	11,077	7,091	852
1983	36	379	1,273	12,620	9,673	923

1 Figures exclude calls to Peninsular Malaysia.

Source: The Telecommunication Authority of Singapore

2 End of period.

11. FINANCE AND INSURANCE

Banking

Banking Statistics are compiled from returns submitted by banks operating in Singapore to the Monetary Authority of Singapore.

Finance Companies

Finance Companies Statistics are compiled from monthly returns submitted to The Monetary Authority of Singapore under the Finance Companies Act.

Asian Dollar Market

The Asian dollar market was officially established in October 1968 when approval was first given for a bank to operate an Asian Currency Unit (ACU). Since then, a number of merchant banks have also been given approval to operate ACUs. Data on ACUs are compiled from returns submitted regularly by the

ACU operators to the Monetary Authority of Singapore.

Insurance

Data on insurance are compiled by The Monetary Authority of Singapore from returns submitted by all insurance companies in Singapore.

Post Office Savings Bank

The Post Office Savings Bank of Singapore is incorporated under the Post Office Savings Bank of Singapore Act, 1971. The principal objectives of the Bank are to provide a means for the deposit of savings and to encourage thrift and to mobilize domestic savings for the purpose of public development. Its savings are fully guaranteed by the Government.

Central Provident Fund

Please see text on page 42.

11.1 CURRENCY IN CIRCULATION

End of Year	Gross Circulation			Active Circulation ¹	Ratio of Active to Gross Circulation
	Total	Notes	Coins		
	Million Dollars				Per Cent
1973	1,227.6	1,157.0	70.6	1,114.4	90.8
1974	1,447.2	1,367.0	80.2	1,306.4	90.3
1975	1,802.5	1,690.3	112.2	1,637.7	90.9
1976	2,119.2	1,997.5	121.7	1,946.8	91.9
1977	2,431.2	2,297.7	133.5	2,242.6	92.2
1978	2,822.0	2,675.8	146.2	2,582.8	91.5
1979	3,181.2	3,021.9	159.3	2,941.2	92.5
1980	3,498.8	3,321.9	176.9	3,137.0	89.7
1981	3,689.6	3,487.4	202.2	3,381.8	91.7
1982	4,339.1	4,114.6	224.5	3,996.0	92.1
1983	4,739.7	4,492.7	247.0	4,335.3	91.5

¹ Refers to gross circulation less amounts held by Government Treasuries and Banks as well as commemorative coins issued by the Board of Commissioners of Currency, Singapore.

Source: Board of Commissioners of Currency, Singapore

11.2 MONEY SUPPLY

Million Dollars

End of Year	Money Supply (M2)	Money Supply (M1)			Quasi Money		
		Total	Currency in Active Circulation ¹	Demand Deposits of Private Sector	Fixed Deposits	S\$ Negotiable Certificates of Deposits	Savings And Other Deposits
1973	6,103.2	2,632.7	1,114.4	1,518.3	2,742.6	-	727.9
1974	6,924.8	2,858.8	1,306.4	1,552.4	3,309.2	-	756.8
1975	8,164.2	3,472.2	1,637.7	1,834.5	3,711.2	78.8	902.0
1976	9,202.5	4,000.0	1,946.8	2,053.2	4,020.2	163.9	1,018.4
1977	9,806.3	4,412.1	2,242.6	2,169.5	4,155.8	151.2	1,087.2
1978	10,862.3	4,925.9	2,582.8	2,343.1	4,533.1	195.3	1,208.0
1979	12,899.5	5,706.1	2,941.2	2,764.9	5,557.5	261.4	1,374.5
1980	16,065.0	6,134.6	3,137.0	2,997.6	8,137.3	140.1	1,653.0
1981	19,671.1	7,242.1	3,381.8	3,860.3	10,144.7	210.3	2,074.0
1982	22,804.0	8,156.8	3,996.0	4,160.8	11,698.0	228.5	2,720.7
1983	25,525.7	8,607.7	4,335.3	4,272.4	12,930.0	203.6	3,784.4

¹ See footnote 1 to Table 11.1.

Source: The Monetary Authority of Singapore

11.3 FACTORS AFFECTING MONEY SUPPLY

Million Dollars

Changes During Year	Money Supply (M1)	Private Sector			Public Sector			Net Foreign Assets of Banking System		Others
		Bank Credit to Private Sector	Quasi Money	Excess of Lending or of Deposits(-)	Bank Credit to Government	Government Deposits with Banks	Excess of Lending or of Deposits(-)	Monetary Authorities ¹	Banks	
1973	366.9	1,968.8	573.6	1,395.2	-234.8	599.6	-834.4	740.8	-592.5	-342.2
1974	226.1	699.6	595.5	104.1	52.9	955.7	-902.8	946.8	420.7	-342.7
1975	613.4	848.7	626.0	222.7	158.5	1,191.8	-1,033.3	1,560.7	211.8	-348.5
1976	527.8	744.0	510.5	233.5	297.6	1,382.8	-1,085.2	1,774.3	-205.8	-189.0
1977	412.1	872.4	191.7	680.7	163.8	1,486.9	-1,323.1	977.5	-210.9	287.9
1978	513.8	1,505.4	542.2	963.2	120.8	1,868.1	-1,747.3	1,365.2	-668.9	601.6
1979	780.2	2,672.2	1,257.0	1,415.2	41.5	2,055.1	-2,013.6	1,167.1	400.3	-188.8
1980	428.6	4,139.4	2,737.0	1,402.4	411.2	2,658.9	-2,247.7	1,241.9	-291.6	323.6
1981	1,107.4	5,043.2	2,498.6	2,544.6	373.0	3,530.9	-3,157.9	2,533.4	-994.8	182.1
1982	914.7	4,356.2	2,218.2	2,138.0	358.6	4,721.7	-4,363.1	2,454.7	-715.9	1,401.0
1983	450.9	5,356.5	2,270.8	3,085.7	559.6	5,021.5	-4,461.9	3,793.9	-2,826.0	859.2

Refers to The Monetary Authority of Singapore and the Board of Commissioners of Currency, Singapore.

Source: The Monetary Authority of Singapore

11.4 OFFICIAL FOREIGN RESERVES

Million Dollars

End of Year	Total Foreign Reserves	Special Drawing Rights ¹	Reserve Position in the International Monetary Fund	Gold and Foreign Exchange
1973	5,800.1	-	28.3	5,771.8
1974	6,502.9	-	28.3	6,474.6
1975	7,486.0	-	28.3	7,457.7
1976	8,261.5	-	28.3	8,233.2
1977	9,022.9	-	28.3	8,994.6
1978	11,473.8	-	38.3	11,435.5
1979	12,562.4	34.4	61.8	12,466.2
1980	13,757.7	42.7	126.1	13,588.9
1981	15,491.1	75.6	173.0	15,242.5
1982	17,917.9	127.5	183.1	17,607.3
1983	19,755.3	150.9	184.9	19,419.5

¹ Singapore received its first allocation of Special Drawing Rights in January 1979.

Source: The Monetary Authority of Singapore

11.5 EXCHANGE RATES

Year	Singapore Dollar Per							
	Malaysian Ringgit	US Dollar	Sterling Pound	Deutsche-Mark	French Franc	100 Japanese Yen	Hong Kong Dollar	Australian Dollar
1973	1.0063	2.4436	6.0299	0.9143	0.5486	0.9039	0.4741	3.4687
1974	1.0153	2.4369	5.6940	0.9408	0.5067	0.8354	0.4841	3.5138
1975	0.9877	2.3713	5.2523	0.9644	0.5532	0.7988	0.4802	3.1069
1976	0.9723	2.4708	4.4638	0.9818	0.5169	0.8336	0.5041	3.0272
1977	0.9912	2.4394	4.2570	1.0512	0.4965	0.9110	0.5235	2.7053
1978	0.9821	2.2740	4.3613	1.1347	0.5039	1.0885	0.4858	2.6030
1979	0.9937	2.1746	4.6154	1.1876	0.5111	0.9966	0.4351	2.4310
1980	0.9839	2.1412	4.9777	1.1805	0.5076	0.9475	0.4330	2.4394
1981	0.9174	2.1130	4.2845	0.9378	0.3907	0.9581	0.3788	2.4286
1982	0.9166	2.1400	3.7450	0.8829	0.3270	0.8618	0.3532	2.1754
1983	0.9107	2.1136	3.2061	0.8296	0.2787	0.8903	0.2926	1.9074

Note: Figures refer to the average rates for the year.

Source: The Monetary Authority of Singapore

11.6 ASSETS OF BANKS
(End of Period)

Million Dollars

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	10,719.3	12,404.8	14,416.6	16,526.8	18,238.0	21,218.3	26,747.8	33,316.1	44,630.7	48,537.2	56,537.8
Cash	70.4	97.1	107.0	105.3	115.1	154.6	161.1	272.4	222.4	247.9	275.4
Amounts Due from Banks	1,746.5	2,665.5	3,052.7	3,528.7	3,712.5	4,331.5	5,646.6	6,880.1	11,824.2	9,823.6	11,904.5
In Singapore	874.1	1,444.6	1,486.8	1,370.5	1,263.6	1,616.2	1,986.6	2,756.7	4,196.0	3,727.9	3,699.2
Outside Singapore ¹	872.4	1,220.9	1,565.9	2,158.2	2,448.9	2,715.3	3,660.0	4,123.4	7,628.2	6,095.7	8,205.3
Balances with The Monetary Authority of Singapore ²	593.9	444.9	454.1	511.7	546.3	633.1	733.7	923.1	1,195.4	1,417.5	1,557.6
Money at Call with Discount Houses ³	354.5	392.7	415.9	491.4	525.7	623.3	695.7	884.1	1,478.0	1,917.9	2,049.9
S\$ Negotiable Certificates of Deposit Held	-	-	381.2	380.1	292.6	198.4	166.2	127.8	89.0	76.9	136.5
Investments in Securities & Equities	1,156.6	1,240.8	1,437.7	1,775.3	1,911.4	2,010.1	2,060.5	2,603.8	2,739.6	3,686.3	4,390.3
In Singapore	1,066.7	1,150.2	1,359.9	1,694.2	1,847.3	1,944.8	2,009.5	2,534.6	2,666.9	3,562.7	4,249.9
Outside Singapore	89.9	90.6	77.8	81.1	64.1	65.3	51.0	69.2	72.7	123.6	140.4
Loans & Advances including Bills Financing	6,271.2	6,930.4	7,829.3	8,894.2	10,183.0	12,226.4	16,007.0	20,206.9	25,229.1	29,442.9	34,045.8
Bills Discounted or Purchased	1,124.7	1,233.4	1,326.2	1,622.5	2,352.2	2,827.5	3,948.3	4,049.4	3,979.4	4,107.3	3,900.4
Payable outside Singapore	418.2	443.6	484.9	714.1	1,090.3	1,424.1	2,085.0	2,089.9	1,493.2	1,592.9	1,341.2
Payable in Singapore	706.5	789.8	841.3	908.4	1,261.9	1,403.4	1,863.3	1,959.5	2,486.2	2,514.4	2,559.2
Loans & Advances	5,146.5	5,697.0	6,503.1	7,271.7	7,830.8	9,398.9	12,058.7	16,157.5	21,249.7	25,335.6	30,145.4
All Other Assets	526.2	633.4	738.7	840.1	951.4	1,040.9	1,277.0	1,417.9	1,853.0	1,924.2	2,177.8

¹ Figures include Asian Currency Units.

Source: The Monetary Authority of Singapore

² Figures for 1973 include Special Deposits with The Monetary Authority of Singapore. This requirement was subsequently lifted effective March 1974.

11.7 LIABILITIES OF BANKS
(End of Period)

Million Dollars

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	10,719.3	12,404.8	14,416.6	16,526.8	18,238.0	21,218.3	26,747.8	33,316.1	44,630.7	48,537.2	56,537.8
Deposits of Non-bank Customers	5,799.8	6,585.8	7,606.0	8,488.5	8,969.5	10,045.7	12,178.4	16,035.0	20,007.9	23,408.7	26,265.5
Demand Deposits	1,786.2	1,806.5	2,111.1	2,378.2	2,513.9	2,732.1	3,244.3	3,484.0	4,441.0	4,781.4	4,982.7
Fixed Deposits	3,264.8	4,000.3	4,565.9	5,062.4	5,328.3	6,045.3	7,473.0	10,788.4	13,315.4	15,619.7	17,099.6
Savings Deposits	708.5	738.5	890.6	999.2	1,069.5	1,211.2	1,394.8	1,692.5	2,168.1	2,917.4	4,079.9
Other Deposits	40.3	40.5	38.4	48.7	57.8	57.1	66.3	70.1	83.4	90.2	103.3
S\$ Negotiable Certificates of Deposit Issued	-	-	527.6	617.8	513.4	455.3	515.0	331.9	404.5	428.0	471.6
Amounts Due to Banks	3,063.0	3,475.7	3,695.6	4,432.0	5,044.2	6,624.7	8,615.9	9,942.5	15,366.0	14,426.4	18,803.7
In Singapore	964.9	1,470.2	1,515.7	1,372.2	1,271.7	1,718.7	2,415.4	2,888.4	4,241.3	3,941.6	3,895.1
Outside Singapore ¹	2,098.1	2,005.5	2,179.9	3,059.8	3,772.5	4,906.0	6,200.5	7,054.1	11,124.7	10,484.8	14,908.6
All Other Liabilities	1,856.5	2,343.3	2,587.4	2,988.5	3,710.9	4,092.6	5,438.5	7,006.7	8,852.3	10,274.1	10,997.0

¹ Figures include Asian Currency Units.

Source: The Monetary Authority of Singapore

11.8 BANKS LOANS AND ADVANCES TO NON-BANK CUSTOMERS BY INDUSTRY
(End of Period)

Million Dollars

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	5,146.5	5,697.0	6,503.1	7,271.7	7,830.8	9,398.9	12,058.6	16,157.5	21,249.7	25,335.6	30,145.4
Agriculture	25.3	31.9	26.8	31.0	29.8	28.2	37.8	47.2)	)		
Mining & Quarrying	8.1	9.4	6.5	8.5	6.6	10.9	11.0	7.9)	) 125.7	132.0	117.4
Manufacturing	1,418.1	1,719.4	1,952.6	1,999.3	2,102.8	2,384.9	3,044.1	3,695.4	4,311.8	4,619.2	5,317.3
Building & Construction	728.4	879.6	1,013.0	1,112.2	1,193.8	1,345.5	1,434.1	1,835.7	3,000.2	3,962.7	5,688.4
General Commerce	1,549.3	1,752.9	1,933.7	2,197.6	2,335.3	2,996.8	3,619.3	4,828.8	5,571.4	6,396.7	7,598.6
Transport, Storage & Communications	237.7	246.9	242.8	268.7	339.7	378.5	707.6	1,276.1	1,738.3	1,968.0	1,790.8
Financial Institutions	333.1	366.4	543.9	743.3	802.1	993.2	1,546.3	2,028.4	2,982.7	3,903.9	4,547.0
Others	846.5	690.5	783.8	911.1	1,020.7	1,260.9	1,658.4	2,438.0	3,519.6	4,353.1	5,085.9

Source: The Monetary Authority of Singapore

11.9 ASSETS AND LIABILITIES OF ASIAN CURRENCY UNITS
(End of Period)

Million US Dollars

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total Assets	6,277.2	10,357.3	12,597.4	17,354.1	21,018.3	27,040.1	38,162.7	54,392.6	85,775.2	103,295.7	111,860.9
Loans to Non-banks	1,237.9	2,697.7	3,472.5	4,386.6	5,281.2	6,376.8	8,483.9	12,402.3	19,452.2	27,606.3	30,384.6
Interbank Funds	4,938.3	7,459.7	8,929.4	12,613.1	15,252.5	19,829.7	28,093.7	39,552.3	62,173.1	69,564.4	74,446.8
In Singapore	261.6	223.0	270.1	414.4	573.4	866.6	1,100.4	1,084.7	1,495.2	1,738.5	2,791.4
Inter-Asian Currency Units	1,700.4	2,144.7	2,372.7	2,954.9	3,080.4	3,718.9	5,999.3	9,955.4	15,522.3	19,213.9	19,690.0
Outside Singapore	2,976.3	5,092.0	6,286.6	9,243.8	11,598.7	15,244.2	20,994.0	28,512.2	45,155.6	48,612.0	51,965.4
Other Assets	101.0	199.9	195.5	354.4	484.6	833.5	1,585.0	2,437.9	4,149.9	6,125.1	7,029.5
Total Liabilities	6,277.2	10,357.3	12,597.4	17,354.1	21,018.3	27,040.1	38,162.7	54,392.6	85,775.2	103,295.7	111,860.9
Deposits of Non-banks	912.8	1,614.2	2,067.7	1,960.3	2,254.6	3,599.9	5,760.5	9,250.6	13,555.6	17,629.7	20,619.8
Interbank Funds	5,249.3	8,531.4	10,294.3	15,067.2	18,350.3	21,987.3	29,424.9	40,879.6	66,366.3	79,223.9	84,743.4
In Singapore	405.6	675.6	584.0	799.2	1,382.8	1,442.6	1,881.8	1,304.3	1,817.5	1,496.9	1,787.7
Inter-Asian Currency Units	1,700.4	2,144.7	2,372.7	2,954.9	3,080.4	3,719.1	5,999.4	9,955.2	15,523.0	19,226.6	19,697.9
Outside Singapore	3,143.3	5,711.1	7,337.6	11,313.1	13,887.1	16,825.6	21,543.6	29,620.1	49,025.8	58,500.4	63,257.8
Other Liabilities	115.1	211.7	235.4	326.6	413.4	1,452.9	2,977.2	4,262.4	5,853.4	6,442.2	6,497.7

Source: The Monetary Authority of Singapore

11.10 ASSETS AND LIABILITIES OF FINANCE COMPANIES
(End of Period)

Million Dollars

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total Assets	1,155.6	1,392.4	1,430.4	1,607.3	1,761.2	2,017.3	2,472.8	3,075.1	4,275.4	5,357.4	6,523.8
Cash	1.5	5.0	3.0	2.1	2.2	2.5	3.2	4.5	5.0	6.8	8.5
Balances with The Monetary Authority of Singapore	76.0	67.7	62.1	70.1	76.2	86.6	105.7	126.0	170.9	217.2	267.5
Deposits with Banks & Other Institutions	275.2	390.0	369.4	384.8	366.0	373.8	368.7	405.0	707.2	751.6	678.7
Investments	33.2	28.0	38.3	56.9	71.3	95.2	111.3	100.5	114.6	120.4	139.8
Loans & Advances	724.9	840.3	897.0	1,026.4	1,176.9	1,397.1	1,827.9	2,367.1	3,187.6	4,129.7	5,277.3
Hire Purchase Finance	221.1	232.0	191.7	192.4	258.6	354.3	532.3	754.3	891.7	887.1	904.3
Housing Loans	266.6	307.5	354.6	440.0	431.4	446.4	551.6	637.2	763.6	879.7	1,165.8
Other Loans & Advances	237.2	300.8	350.7	394.0	486.9	596.4	744.0	975.6	1,532.3	2,362.9	3,207.2
Other Assets	44.8	61.4	60.6	67.0	68.6	62.1	56.0	72.0	90.1	131.7	152.0
Total Liabilities	1,155.6	1,392.4	1,430.4	1,607.3	1,761.2	2,017.3	2,472.8	3,075.1	4,275.4	5,357.4	6,523.8
Capital & Reserves	181.2	226.7	242.1	267.8	286.1	308.1	363.1	476.0	672.1	815.7	1,042.7
Deposits from Individuals & Institutions	853.8	1,031.1	1,048.4	1,191.2	1,305.4	1,510.0	1,812.4	2,121.3	2,942.2	3,711.5	4,564.1
Savings Deposits	25.7	26.0	36.1	43.9	50.6	55.5	62.8	65.2	75.9	112.3	171.8
Fixed Deposits	779.0	966.3	965.2	1,115.1	1,221.5	1,419.2	1,691.2	1,961.7	2,728.4	3,304.7	3,979.6
Other Deposits	49.1	38.8	47.1	32.2	33.3	35.3	58.4	94.4	137.9	294.5	412.7
Other Liabilities	120.6	134.6	139.9	148.3	169.7	199.2	297.3	477.8	661.1	830.2	917.0

Source: The Monetary Authority of Singapore

11.11 FINANCE COMPANIES LOANS AND ADVANCES BY INDUSTRY
(End of Period)

Thousand Dollars

	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	312,803	354,367	448,683	528,601	634,788	824,310	1,310,710	1,763,399	2,431,754
Agriculture, Mining & Quarrying	-	-	-	-	-	-	-	-	582
Manufacturing	7,887	11,375	13,805	20,934	29,473	92,645	164,594	167,659	228,706
Building & Construction	169,343	175,568	150,738	123,743	148,848	118,895	174,154	451,439	790,808
General Commerce	30,691	31,228	81,459	123,004	166,411	190,134	217,055	260,282	273,973
Transport, Storage & Communications	40,910	58,654	64,434	52,621	38,290	45,857	74,661	94,081	91,827
Financial Institutions	-	-	-	-	-	-	-	197,358	231,474
Professional & Private Individuals	44,533	50,405	93,972	134,370	163,501	230,321	390,540	458,654	622,348
Others	19,439	27,137	44,275	73,929	88,265	146,458	289,706	133,926	192,036

Source: The Monetary Authority of Singapore

11.12 ASSETS AND LIABILITIES OF MERCHANT BANKS
(End of Period)

Million Dollars

	1976	1977	1978	1979	1980	1981	1982	1983
Total Assets	2,656.7	2,463.9	3,746.7	8,378.4	13,299.6	19,279.7	22,020.4	23,625.0
Amounts Due from Banks	1,001.4	684.7	1,826.7	4,599.8	5,713.8	9,440.7	9,315.3	9,399.5
In Singapore	30.9	20.8	41.0	42.8	61.8	201.4	260.4	218.5
Outside Singapore ¹	970.5	663.9	1,785.7	4,557.0	5,652.0	9,239.3	9,054.9	9,181.0
Loans & Advances to Non-bank Customers	1,571.4	1,674.5	1,785.8	3,497.6	7,049.3	8,916.5	11,313.5	12,497.1
Securities & Equities	54.5	65.0	86.2	136.3	234.9	391.6	815.2	1,209.8
Other Assets	29.4	39.7	48.0	144.7	301.6	530.9	576.4	518.6
Total Liabilities	2,656.7	2,463.9	3,746.7	8,378.4	13,299.6	19,279.7	22,020.4	23,625.0
Capital & Reserves	120.2	136.9	195.1	309.3	452.0	909.8	1,395.3	1,620.4
Amounts Due to Banks	2,209.6	1,928.0	2,963.5	7,217.9	11,337.6	16,295.6	18,137.4	19,065.8
In Singapore	85.1	84.8	195.2	839.9	178.1	347.8	317.0	510.1
Outside Singapore ¹	2,124.5	1,843.2	2,768.3	6,378.0	11,159.5	15,947.8	17,820.4	18,555.7
Borrowings from Non-bank Customers	287.7	352.4	516.8	678.8	1,046.8	1,599.1	1,876.1	2,369.4
Other Liabilities	39.2	46.6	71.3	172.4	463.2	475.2	611.6	569.4

Note: Data include operations of Asian Currency Units of merchant banks. Provision of corporate financial advisory services, underwriting and operations in the gold market are not reflected in the data.

Source: The Monetary Authority of Singapore

¹ Includes Asian Currency Units.

11.13 ASSETS AND LIABILITIES OF DISCOUNT HOUSES

(End of Period)

Million Dollars

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total Assets	436.0	493.7	552.7	618.5	684.7	763.6	949.5	1,603.8	2,050.5	2,248.2
Treasury Bills	270.4	296.1	306.6	315.5	346.8	439.4	647.5	1,061.8	1,263.7	1,283.3
Other Government Securities	49.7	45.0	79.5	120.7	134.7	84.5	16.3	52.0	97.2	187.6
Bills Discounted Payable in Singapore ¹	101.6	80.2	92.5	117.7	147.3	158.5	230.0	375.0	493.9	540.5
Singapore Dollar Negotiable Certificates of Deposit	-	65.4	68.8	62.0	53.6	69.3	53.7	99.2	119.4	128.0
Other Assets	14.3	7.0	5.3	2.6	2.3	11.9	2.0	15.8	76.3	108.8
Total Liabilities	436.0	493.7	552.7	618.5	684.7	763.6	949.5	1,603.8	2,050.5	2,248.2
Capital & Reserves	18.8	20.4	21.9	25.1	26.0	27.4	28.6	42.3	59.1	74.9
Deposits	406.8	462.5	519.8	581.2	643.4	718.0	889.3	1,508.5	1,933.7	2,109.6
Other Liabilities	10.4	10.8	11.0	12.2	15.3	18.2	31.6	53.0	57.7	63.7

1 Includes bills refinanced for banks.

Source: The Monetary Authority of Singapore

11.14 DOMESTIC INTEREST RATES
(End of Period)

Per Cent Per Annum

	1973	1974	1975	1976	1977 ¹	1978	1979	1980	1981	1982	1983
Banks¹											
Minimum Lending Rate	9.00	10.25	7.08	6.78	7.02	7.65	9.48	13.60	11.83	9.33	8.98
Average Lending Rate ²	9.90	11.70	9.00	8.60	8.60	9.00	10.50	14.20	..	..	..
Deposit Rates											
3 Months	6.50	7.50	4.31	3.76	4.54	5.29	7.15	11.22	7.43	6.16	6.53
6 Months	6.75	8.00	4.96	4.34	4.98	5.55	7.40	10.92	8.40	6.55	6.55
12 Months	7.25	9.00	5.79	5.31	5.53	6.01	7.65	10.55	8.95	7.08	6.75
Savings Deposit Rate	4.00	5.50	3.50	3.52	3.68	4.20	6.38	9.52	7.90	6.43	6.30
Finance Companies											
Average Lending Rate ²	10.40	12.60	11.50	10.80	10.20	9.80	9.90	11.80	..	..	..
Deposit Rates³											
Up to 3 Months	6.70	8.30	5.00	4.90	5.30	6.40	8.10	12.20	..	6.60	6.90
Over 3 & Up to 12 Months	7.50	9.80	6.80	6.70	6.50	6.80	7.60	9.90	..	7.58	7.38
POSB Savings Deposit Rate for Amounts											
Up to \$100,000	4.00	6.00	5.50	5.50	5.00	5.25	6.00	8.50	9.50	7.00	6.50
Exceeding \$100,000	4.00	6.00	5.50	5.50	5.00	3.50	4.25	6.00	7.00	5.50	5.50

¹ Prior to October 1973, banks' interest rates were fixed by the Association of Banks in Malaysia and Singapore and thereafter by the Association of Banks in Singapore in consultation with The Monetary Authority of Singapore. From 1975, the rate refers to the average quoted by 10 leading banks.

² These rates are weighted by outstanding loans.

³ The deposit rates prior to 1982 are weighted by outstanding deposits. From 1982, the rates refer to the average nominal rates quoted by 10 leading finance companies.

Source: The Monetary Authority of Singapore
Post Office Savings Bank

11.15 DEPOSITS AND WITHDRAWALS OF POST OFFICE SAVINGS BANK

Million Dollars

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Number of Savings Accounts (End of Period)	731,956	831,751	950,470	1,144,990	1,343,904	1,523,969	1,710,552	1,898,264	2,075,705	2,282,362	2,492,924
Amount											
Deposited	135.9	221.3	554.5	1,000.4	1,535.7	2,256.0	2,621.5	3,581.4	5,147.3	6,542.2	7,844.9
Withdrawn	95.8	134.0	295.5	591.9	1,005.3	1,900.6	2,240.2	3,511.8	4,862.0	5,049.4	6,989.4
Due to Account Holders (End of Period)	170.9	268.5	548.4	996.0	1,589.0	2,029.0	2,525.2	2,756.7	3,265.9	5,058.4	6,240.9

Source: Post Office Savings Bank

11.16 CONTRIBUTIONS AND WITHDRAWALS OF CENTRAL PROVIDENT FUND

Million Dollars

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Amount											
Contributed	474.7	686.7	886.6	1,008.0	1,114.7	1,352.0	1,753.1	2,296.0	3,007.2	3,901.4	4,491.0
Withdrawn	93.5	154.3	216.9	377.7	503.5	657.8	629.3	779.1	1,067.6	1,241.2	1,717.9
Due to Members (End of Period)	1,770.7	2,413.7	3,234.9	4,066.1	4,954.0	5,981.4	7,515.5	9,551.2	12,149.8	15,655.5	19,504.7

Source: Central Provident Fund Board

11.17 WITHDRAWALS OF CENTRAL PROVIDENT FUND BY TYPE

Year	Total	Approved Housing Schemes		Reached 55 Years of Age		Leaving Singapore & Malaysia Permanently ¹		Physically/Mentally Incapacitated		Death		Others ²
	\$'000	Number	\$'000	Number	\$'000	Number	\$'000	Number	\$'000	Number	\$'000	\$'000
1973	93,488	11,809	50,645	8,402	31,420	1,147	5,657	149	790	1,941	4,746	230
1974	154,349	16,488	92,817	9,664	46,364	1,350	8,112	266	1,256	1,741	5,504	296
1975	216,881	20,185	134,816	12,820	60,924	1,578	11,218	337	1,462	2,261	8,397	64
1976	377,721	40,308	275,245	11,182	76,247	1,454	14,113	439	2,770	2,038	9,259	87
1977	503,520	48,765	383,471	11,745	89,950	1,379	14,146	465	3,345	2,147	12,559	49
1978	657,790	48,680	488,413	14,291	123,083	1,382	15,725	274	2,173	2,207	13,797	14,599
1979	629,251	43,430	438,586	13,319	150,690	1,921	18,160	301	3,192	2,247	15,070	3,553
1980	779,084	47,212	520,943	15,513	213,906	2,961	23,239	299	3,453	2,206	15,566	1,977
1981	1,067,604	53,955	691,054	19,158	294,525	3,800	32,965	327	5,403	2,300	19,541	24,116
1982	1,241,160	35,455	796,308	21,392	322,853	8,304	56,387	277	5,314	2,969	27,101	33,197
1983	1,717,880	46,229	1,122,384	26,717	437,830	14,635	104,265	284	6,526	3,509	31,333	15,542

¹ Includes Malaysians leaving Singapore permanently.

Source: Central Provident Fund Board

² In April 1978, contributors were allowed to withdraw funds for the purchase of shares of Singapore Bus Services (Limited). With effect from 1 January 1982, members who were covered by the Home Protection Insurance Scheme were allowed to use their CPF savings to pay for the insurance premiums.

11.18 TURNOVER OF STOCKS AND SHARES

Million

Year	Total		Industrial		Finance		Hotels		Properties		Mining		Plantation		Debentures, Loan Stocks & Bonds	
	Units	Dollars	Units	Dollars	Units	Dollars	Units	Dollars	Units	Dollars	Units	Dollars	Units	Dollars	Units	Dollars
1973	664.0	2,590.3	420.6	1,892.7	..	..	75.1	177.7	100.8	290.3	1.0	5.6	15.6	70.0	50.9	154.0
1974	534.4	1,139.5	266.3	583.4	116.2	351.6	54.3	74.7	75.8	87.3	1.2	4.0	15.9	32.5	4.7	6.0
1975	810.3	1,839.5	393.7	860.0	204.5	712.6	106.0	117.7	76.5	105.7	9.7	17.2	10.0	16.7	9.9	9.6
1976	715.2	1,940.8	410.8	956.3	163.4	793.8	41.5	52.3	79.2	106.8	2.8	4.0	10.1	15.2	7.4	12.4
1977	643.8	1,161.6	475.5	796.9	46.6	170.6	19.5	32.5	51.8	75.6	2.9	11.7	43.9	70.3	3.6	4.0
1978	1,492.1	3,387.2	886.7	1,944.5	152.4	637.1	116.8	163.9	142.9	216.4	61.4	129.6	128.9	291.4	3.0	4.3
1979	964.6	2,311.5	558.3	1,282.0	101.7	418.4	67.7	89.6	98.5	159.2	21.5	48.7	114.9	311.0	2.0	2.6
1980	2,222.2	7,824.7	1,311.2	4,615.3	229.7	1,295.7	143.2	275.5	325.2	1,030.4	60.3	196.7	114.0	392.6	38.6	18.5
1981	2,777.8	13,472.0	1,767.0	8,451.7	257.8	1,891.3	282.7	986.1	267.2	1,590.0	74.1	204.3	85.4	295.7	43.6	52.9
1982	1,666.1	5,176.7	981.9	2,930.9	201.1	1,172.0	113.7	242.3	181.3	616.3	32.6	64.2	39.3	79.5	116.2	71.5
1983	3,605.2	11,807.1	2,193.4	7,205.1	340.5	2,108.0	212.6	514.1	317.6	1,033.3	125.3	256.6	170.1	502.5	245.7	187.5

Note: Prior to May 1973 when the Exchange was known as the Stock Exchange of Malaysia & Singapore, turnover included trading in Malaysian trading room.

Source: Stock Exchange of Singapore

11.19 STOCK EXCHANGE OF SINGAPORE INDICES
(1970 = 100)

Year	Industrial	Finance	Hotels	Properties	Mining	Plantation
1973	380.4	642.2	343.1	571.9	154.4	326.8
1974	215.4	312.7	193.4	273.1	126.3	250.8
1975	209.8	339.4	224.7	252.6	114.6	222.2
1976	237.2	426.9	211.9	213.4	109.2	228.1
1977	226.2	366.8	216.8	200.0	162.9	258.0
1978	300.6	422.4	314.2	251.1	213.0	394.6
1979	346.8	523.2	425.7	306.2	232.4	514.7
1980	489.6	769.9	727.6	621.4	358.7	684.6
1981	737.1	1,228.5	1,584.0	1,247.5	395.7	704.5
1982	553.7	1,174.1	1,265.9	932.7	285.6	662.6
1983	689.3	1,532.9	1,110.6	992.9	269.4	866.0

Source: Stock Exchange of Singapore

11.20 PLEDGES AT PAWNSHOPS

Year	Pledges		Amount of Loan	
	Received	Redeemed	Given Out	Redeemed including Interest
	Number		Million Dollars	
1973	2,016,898	1,805,420	158.8	144.0
1974	2,046,110	1,875,608	190.9	179.4
1975	2,011,219	1,835,307	204.4	196.7
1976	2,036,468	1,864,317	205.0	203.9
1977	1,992,950	1,875,631	213.0	216.2
1978	1,901,068	1,774,697	236.1	229.6
1979	2,006,025	1,891,252	305.4	291.3
1980	1,945,756	1,885,832	382.7	372.1
1981	1,912,592	1,821,172	406.1	413.2
1982	1,920,851	1,854,035	397.2	410.8
1983	1,947,232	1,848,226	451.0	446.5

11.21 LIFE INSURANCE POLICIES

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
	Number									
Policies in Force ¹	111,509	124,177	140,041	155,425	183,099	214,316	246,657	248,077	271,214	314,375
New Policies ²	28,876	25,570	30,271	34,628	45,303	50,632	61,707	59,174	49,539	70,374
Policies Matured or Discontinued	10,699	12,902	14,407	19,244	17,929	19,415	29,366	25,245	26,409	27,213
	Thousand Dollars									
Policies in Force										
Amount Insured (End of Period)	1,412,098	1,820,078	2,237,001	2,717,174	3,323,449	4,081,856	5,162,192	6,334,818	7,778,400	10,720,967
Premiums	52,365	61,890	73,121	85,058	99,577	117,389	143,178	170,038	198,046	250,420
New Policies										
Amount Insured	471,843	566,543	655,128	765,334	922,908	1,124,796	1,454,410	1,664,513	1,894,480	3,302,814
Premiums	14,237	14,949	18,037	20,764	24,334	29,085	36,700	40,114	43,508	70,270
Policies Matured or Discontinued										
Amount Insured	106,511	158,564	238,206	285,161	318,115	366,389	374,074	491,887	450,898	360,247
Premiums	4,098	5,424	7,165	8,827	9,904	10,222	10,911	14,170	15,500	17,896

¹ At end period. Prior to 1980, the lives insured under some group policies were counted as policies.

Source: The Monetary Authority of Singapore

² Prior to 1981, the lives insured under some group policies were counted as policies.

11.22 REVENUE AND EXPENDITURE ACCOUNTS OF LIFE INSURANCE FUNDS

Thousand Dollars

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total Revenue	266,325	302,000	344,678	399,984	469,305	552,207	639,339	771,593	933,210	1,116,340
Balance of Revenue Account at Beginning of Year	192,205	218,297	249,624	290,359	336,363	394,215	460,978	537,126	649,229	776,582
Premiums	49,132	55,122	67,735	81,908	96,855	113,747	139,748	163,965	191,814	237,017
Net Interest, Dividends & Rents	13,560	16,848	20,955	23,270	28,650	32,866	36,641	47,062	61,327	69,841
Miscellaneous	11,428	11,733	6,364	4,447	7,437	11,379	1,972	23,440	30,840	32,900
Total Expenditure	266,325	302,000	344,678	399,984	469,305	552,207	639,339	771,593	933,210	1,116,340
Claims on Death, Disability & Maturity	10,078	13,275	13,878	16,688	18,541	20,874	23,207	28,344	36,864	41,377
Surrenders	5,335	6,852	7,613	8,755	10,477	12,315	13,190	15,875	20,070	23,054
Cash Bonuses & Annuities	2,141	2,395	2,564	2,867	3,147	3,554	4,394	7,706	5,973	4,764
Management Expenses										
Commission	10,284	11,212	14,703	17,542	21,271	25,234	31,708	36,015	40,632	64,783
Salaries	3,075	3,504	4,174	4,367	4,861	5,667	6,592	7,900	8,909	11,866
Other	7,231	7,482	8,423	10,469	10,702	14,115	15,878	23,797	34,716	24,233
Miscellaneous	9,884	7,656	2,964	2,933	6,091	9,470	7,344	2,727	9,464	19,236
Balance of Revenue Account at End of Year	218,297	249,624	290,359	336,363	394,215	460,978	537,026	649,229	776,582	927,027

Source: The Monetary Authority of Singapore

11.23 ASSETS OF LIFE INSURANCE FUNDS
(End of Period)

Thousand Dollars

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total	251,766	284,057	337,068	387,427	445,416	504,975	585,124	705,094	834,673	998,826
Fixed Assets	20,217	27,336	29,966	31,284	31,188	33,901	34,658	38,069	41,394	57,449
Property	19,490	26,398	28,782	29,760	29,528	32,034	31,853	35,432	37,651	52,516
Furniture	727	938	1,184	1,524	1,660	1,867	2,805	2,637	3,743	4,933
Loans	40,017	53,888	58,908	58,777	57,383	69,216	105,497	124,530	186,938	205,878
On Mortgages	19,645	29,601	31,747	28,031	22,585	22,231	42,014	48,721	93,082	100,632
On Policies	19,837	23,492	26,438	30,047	34,106	40,674	48,187	59,283	76,580	86,961
Other	535	795	723	699	692	6,311	15,296	16,526	17,276	18,285
Investments	162,994	161,874	188,399	224,051	273,050	308,879	338,973	378,230	424,236	512,989
Government & Statutory Authorities	74,816	77,289	84,682	101,189	129,830	149,451	170,819	180,028	198,231	236,110
Debentures & Shares ¹	88,178	84,585	103,717	122,862	143,220	159,428	168,154	198,202	226,005	276,879
Cash & Deposits	19,900	29,105	46,687	56,846	58,317	66,490	75,700	108,845	154,875	180,484
Miscellaneous (including Outstanding Premiums)	8,638	11,854	13,108	16,469	25,478	26,489	30,296	55,420	27,230	42,026

¹ Figure for 1981 includes trade bills of \$251,000.

Source: The Monetary Authority of Singapore

11.24 PREMIUMS AND CLAIMS OF GENERAL INSURANCE FUNDS

Thousand Dollars

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total Net Premiums¹	127,948	153,013	171,218	196,217	209,781	236,924	274,545	340,707	397,732	430,984
Marine, Aviation or Transit	25,190	30,468	31,311	38,387	47,313	52,072	58,149	70,728	74,244	70,469
Other	102,758	122,545	139,907	157,830	162,468	184,852	216,396	269,979	323,488	360,515
Fire	21,063	27,004	29,714	34,642	37,521	40,679	45,406	51,226	61,153	68,139
Motor Vehicles	40,028	42,396	41,966	46,020	48,385	59,744	74,042	102,561	117,428	135,532
Miscellaneous	41,667	53,145	68,227	77,168	76,562	84,429	96,948	116,192	144,907	156,844
Total Net Claims²	42,184	53,750	60,689	67,202	87,450	94,203	113,911	141,627	146,719	165,566
Marine, Aviation or Transit	10,031	15,636	17,769	15,287	22,061	25,406	30,275	35,736	35,712	38,564
Other	32,153	38,114	42,920	51,915	65,389	68,797	83,636	105,891	111,007	127,002
Fire	5,186	5,780	6,852	9,537	14,565	11,833	19,974	29,424	18,826	17,141
Motor Vehicles	18,091	20,626	22,349	23,152	26,517	29,431	36,172	45,637	52,630	58,888
Miscellaneous	8,876	11,708	13,719	19,226	24,307	27,533	27,490	30,830	39,551	50,973

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

Source: The Monetary Authority of Singapore

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

11.25 REVENUE AND EXPENDITURE ACCOUNTS OF GENERAL INSURANCE FUNDS

Thousand Dollars

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total Revenue	270,144	330,005	377,698	439,716	481,694	527,272	603,653	742,784	896,656	957,966
Balance of Revenue Account at Beginning of Year	5,546	18,112	18,114	33,140	36,814	31,045	34,665	30,971	39,528	74,116
Reserves at Beginning of Year	49,278	59,541	70,496	79,318	87,870	92,632	101,644	119,859	146,716	178,334
Provision for Outstanding Claims	53,234	60,301	71,613	80,598	90,445	98,685	119,783	149,726	178,195	217,086
Premiums	127,949	153,013	171,218	196,217	209,781	236,924	274,545	340,707	397,732	430,984
Net Interest, Dividends & Rents	6,846	10,296	11,604	12,354	13,603	14,770	20,864	26,824	40,353	46,879
Miscellaneous	27,291	28,742	34,653	38,089	43,181	53,216	52,152	74,697	94,132	10,567
Total Expenditure	270,144	330,005	377,698	439,716	481,694	527,272	603,653	742,784	896,656	957,966
Claims Paid, Admitted or Intimated	102,362	125,364	138,029	157,071	188,342	215,390	263,637	317,465	366,022	429,806
Management Expenses										
Commission	33,080	39,608	44,565	52,268	55,060	62,151	71,501	85,512	91,269	76,346
Other	26,838	35,326	45,170	55,114	53,828	53,332	57,187	71,552	88,092	87,606
Miscellaneous	29,540	41,098	39,433	52,327	59,806	59,548	59,693	81,616	97,310	76,823
Balance of Revenue Account at End of Year	18,222	18,113	32,526	35,295	30,706	33,681	30,971	39,923	75,377	90,096
Reserves at End of Year	60,102	70,496	77,975	87,641	93,952	103,170	120,664	146,716	178,586	197,289

Source: The Monetary Authority of Singapore

11.26 ASSETS OF GENERAL INSURANCE FUNDS

(End of Period)

Thousand Dollars

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total	172,676	212,378	250,075	299,809	325,095	392,057	437,793	527,789	684,413	797,746
Fixed Assets	24,217	27,142	28,317	33,963	36,726	35,644	36,160	40,895	48,864	51,520
Loans	6,001	9,109	7,810	7,354	5,795	3,718	5,094	5,201	5,333	7,617
Investments	56,355	58,878	79,755	105,959	122,578	145,083	159,929	188,566	229,590	256,434
Government & Statutory Authorities	28,452	34,885	42,783	52,206	65,831	75,609	82,512	89,472	108,597	128,516
Debentures & Shares	27,903	23,993	36,972	53,753	56,747	69,474	77,417	99,094	120,993	127,918
Cash & Deposits	59,470	85,625	99,746	110,804	106,489	147,363	162,854	207,554	294,571	361,864
Miscellaneous	26,633	31,624	34,447	41,729	53,507	60,249	73,756	85,573	106,055	120,311

Source: The Monetary Authority of Singapore

12. PUBLIC FINANCE

Government Revenue and Expenditure

The main revenue collecting departments are the Customs and Excise Department and the Inland Revenue Department. The former is responsible for the collection of import and excise duties on liquor, tobacco, petroleum, motor vehicles and film hire and entertainment duties. The Inland Revenue Department is responsible for the collection of taxes on income and property, estate and stamp duties and duties on sweepstakes and lotteries.

Personal income tax in Singapore is based on a progressive scale applied to the previous year's chargeable income after the appropriate deductions have been made. Deductions include allowances for personal relief, earned income, maintenance of wife, children and dependants, life insurance premiums, contributions to Central Provident

Fund and approved pension schemes. 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 countries which have trading and other interests in Singapore.

Government revenue is credited to the Consolidated Revenue Account and current expenditure is paid out of this Account.

Development Fund

The Development Fund was established in 1960 and receipts from revenue allocation for development, loans and grants, and other sources available for development financing

are credited to this account. All payments for development expenditure by the Government and of loans to

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

12.1 ECONOMIC CLASSIFICATION OF GOVERNMENT REVENUE

Million Dollars

Financial Year Economic Classification	1973/74	1974/75	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84 ³	1984/85 ³
Total ¹	2,219.2	2,556.9	3,092.2	3,156.2	3,555.5	3,738.8	4,603.0	5,903.5	7,862.2	9,128.5	8,871.2	9,969.3
Transfer Receipts	1,568.4	1,950.3	2,298.0	2,419.3	2,817.1	2,948.7	3,401.3	4,415.3	5,467.4	6,469.4	6,288.8	7,297.2
Taxes on Income	585.7	894.7	1,160.2	1,141.9	1,319.3	1,300.3	1,413.7	2,066.8	2,730.5	3,325.8	3,100.0	3,300.0
Taxes on Production & Expenditure	875.4	942.6	1,022.4	1,157.3	1,298.0	1,481.5	1,813.2	2,143.2	2,462.1	2,840.4	2,888.8	3,507.5
Excise Duties	163.4	170.2	177.9	183.5	194.7	207.4	222.3	251.2	265.5	298.0	306.9	433.9
Import Duties	238.4	222.5	238.1	272.7	313.6	340.4	393.6	435.7	429.7	487.8	455.1	533.2
Property Tax	213.7	271.4	293.9	353.3	350.2	414.0	521.9	556.7	715.9	851.1	876.5	1,070.1
Motor Vehicle Taxes ²	128.5	151.0	166.6	183.1	260.1	299.1	404.0	527.5	529.8	662.0	690.4	841.6
Stamp Duty	62.7	46.7	49.4	57.0	61.1	88.5	116.3	186.1	281.5	261.1	263.0	308.0
Others	68.7	80.8	96.5	107.7	118.3	132.1	155.1	186.0	239.7	280.4	296.9	320.7
Other Transfer Receipts	107.3	113.0	115.4	120.1	199.8	166.9	174.4	205.3	274.8	303.2	300.0	489.7
Estate Duty	23.9	33.6	21.0	21.9	22.6	35.0	29.6	28.5	51.3	48.3	30.0	26.0
Others	83.4	79.4	94.4	98.2	177.2	131.9	144.8	176.8	223.5	254.9	270.0	463.7
Disposal of Goods & Services	437.6	439.5	578.1	515.2	496.0	491.0	793.3	895.3	1,840.2	1,972.7	1,959.5	1,739.4
Sales of Goods & Services from Current Operations	273.5	288.1	323.0	350.1	379.3	428.4	485.4	620.7	916.7	905.2	891.2	1,011.5
Reimbursements for Services & Sales of Lands	164.1	151.4	255.1	165.1	116.7	62.6	307.9	274.6	923.5	1,067.5	1,068.3	727.9
Income from Property & Financial Claims	213.2	167.1	216.1	221.7	242.4	299.1	408.4	592.9	554.6	686.4	622.9	932.7
Interest & Dividends Received	150.6	160.5	207.7	211.3	234.4	289.2	400.9	492.9	545.7	677.1	614.7	924.1
Financial Claims and Others	62.6	6.6	8.4	10.4	8.0	9.9	7.5	100.0	8.9	9.3	8.2	8.6

1 Refers to revenue credited to the Consolidated Revenue Account.

2 Motor vehicle taxes comprise road tax, special tax on heavy oil engine, ad valorem registration fees and passenger vehicles seating fees, but exclude import duties on imported motor vehicles.

3 Based on Budget estimates.

12.2 ECONOMIC CLASSIFICATION OF GOVERNMENT MAIN EXPENDITURE

Million Dollars

Financial Year Economic Classification	1973/74	1974/75	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84 ²	1984/85 ²
Total	2,107.4	2,492.6	2,984.4	3,148.3	3,552.4	3,729.9	4,536.2	5,708.5	7,680.4	9,127.5	8,871.2	9,969.3
Salaries of Government Employees	433.9	513.8	572.6	611.3	660.9	729.0	840.6	934.1	1,080.4	1,364.5	1,594.1	1,697.1
Personal Emoluments & Allowances	407.3	474.8	525.3	561.1	604.6	662.5	743.3	816.7	945.8	1,184.3	1,382.4	1,463.4
Contributions to Central Provident Fund	26.6	39.0	47.3	50.2	56.3	66.5	97.3	117.4	134.6	180.2	211.7	233.7
Rental of Fixed Assets	2.3	3.0	8.9	7.6	7.7	8.9	10.9	12.6	16.5	20.2	24.4	31.6
Other Goods & Services for Current Operations	150.7	143.3	154.8	164.2	176.1	206.3	224.8	273.1	395.6	458.5	558.1	539.6
Expenditure on Goods & Services for Fixed Capital Formation	9.3	13.3	20.4	18.2	27.1	24.0	21.0	28.3	35.1	33.2	58.8	44.5
Interest Payments	177.7	207.5	252.1	345.7	462.8	564.1	685.1	836.8	893.6	942.2	1,270.7	1,698.5
Transfer Payments	465.8	745.1	721.9	876.1	874.4	1,034.2	975.2	593.0	2,249.2	2,741.3	3,059.8	3,733.4
Transfer to Households	42.4	41.0	42.7	43.3	44.8	43.9	59.9	82.3	109.6	176.1	209.4	247.8
Transfer to Development Fund	272.5	480.0	443.1	583.0	556.4	664.0	511.3	94.0	1,703.8	1,995.1	1,988.7	2,402.9
Other Transfers	150.9	224.1	236.1	249.8	273.2	326.3	404.0	416.7	435.8	570.1	861.7	1,082.7
Financial Claims	426.8	355.0	625.9	369.4	471.1	329.4	900.2	1,932.6	1,689.9	2,137.2	507.3	155.8
Unallocable ¹	440.9	511.6	627.8	755.8	872.3	834.0	878.4	1,098.0	1,320.1	1,430.4	1,798.0	2,068.8

Note: Government Main Expenditure refers to the expenditure of the Consolidated Revenue Account.

¹ Refers mainly to armed forces expenditure of which separate data are not available for economic classification.² Based on Budget estimates.

12.3 FUNCTIONAL CLASSIFICATION OF GOVERNMENT MAIN EXPENDITURE

Million Dollars

Financial Year	1973/74	1974/75	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84 ¹	1984/85 ¹
Functional Classification												
Total	2,107.4	2,492.6	2,984.4	3,148.3	3,552.4	3,729.9	4,536.2	5,708.5	7,680.4	9,127.5	8,871.2	9,969.3
General Services	118.5	98.9	100.9	102.8	120.1	131.8	141.2	217.7	225.7	318.4	522.3	588.1
Defence, Justice and Police	524.8	613.6	739.3	877.8	1,007.1	986.8	1,051.2	1,296.2	1,555.8	1,704.4	2,144.0	2,442.0
Social & Community Services	483.3	574.9	650.3	693.3	748.1	826.5	948.4	1,035.2	1,225.3	1,544.6	1,958.4	2,218.2
Education	261.4	296.6	328.9	346.0	365.9	408.6	486.0	567.2	683.0	946.5	1,190.0	1,297.2
Health	103.6	125.4	142.4	147.7	157.0	178.9	200.9	232.5	273.2	321.5	387.7	410.2
Other Social & Community Services	118.3	152.9	179.0	199.6	225.2	239.0	261.5	235.5	269.1	276.6	380.7	510.8
Economic Services	67.5	114.6	141.5	144.7	153.0	177.7	198.3	242.8	330.2	400.8	395.4	369.7
Agricultural, Non-mineral Resources, Industrial & Commercial Development	12.8	36.8	40.9	39.6	43.5	48.6	56.4	67.2	101.3	133.1	118.3	101.5
Transport & Communication	35.9	43.2	52.9	54.4	56.7	95.1	105.2	129.8	170.5	171.4	171.4	175.3
Other Economic Services	18.8	34.6	47.7	50.7	52.8	34.0	36.7	45.8	58.4	96.3	105.7	92.9
Public Debt	603.4	557.3	875.4	712.7	877.0	892.6	1,583.9	2,768.0	2,581.5	3,079.1	1,777.4	1,853.7
Unallocable	37.4	53.3	33.9	34.0	90.7	50.5	101.9	54.6	58.1	85.1	85.0	94.7
Transfer to Development Fund	272.5	480.0	443.1	583.0	556.4	664.0	511.3	94.0	1,703.8	1,995.1	1,988.7	2,402.9

¹ Based on Budget estimates.

12.4 ECONOMIC-FUNCTIONAL CLASSIFICATION OF GOVERNMENT MAIN AND DEVELOPMENT EXPENDITURE, 1983

Thousand Dollars

Functional Classification Economic Classification	Total	General Services	Defence, Justice and Police	Social and Community Services			Economic Services	Public Debt and Unallocable Expenditure
				Education	Health	Others		
Total	14,249,039	721,186	1,892,492	1,583,006	402,644	4,179,546	1,658,957	3,811,208
Salaries of Government Employees	1,446,346	165,651	244,952	517,937	263,732	158,810	95,264	-
Personal Emoluments & Allowances	1,250,701	141,577	215,808	454,141	225,862	132,922	80,391	-
Contributions to Central Provident Fund	195,645	24,074	29,144	63,796	37,870	25,888	14,873	-
Rental of Fixed Assets	20,098	12,943	211	120	3,220	2,540	1,064	-
Expenditure on Goods & Services	2,088,126	332,743	220,806	241,186	85,687	298,506	908,685	513
Interest Payments	1,444,832	-	-	-	-	-	-	1,444,832
Transfer Payments	1,523,842	209,833	3,538	823,763	50,005	144,698	202,821	89,184
Transfer to Households	228,337	243	458	133,934	394	4,412	232	88,664
Transfer to Public Authorities & Non-profit Institutions	601,238	3,327	803	433,803	2,923	106,521	53,861	-
Capital Transfer to Domestic Sector	471,379	-	-	248,263	44,861	31,867	146,388	-
Other Transfers	222,888	206,263	2,277	7,763	1,827	1,898	2,340	520
Financial Claims	6,302,806	16	-	-	-	3,574,988	451,123	2,276,679
Unallocable ¹	1,422,989	-	1,422,985	-	-	4	-	-

Note: Figures exclude transfer of \$1,703,794,850 to the Development Fund Account.

¹ Refers mainly to armed forces expenditure of which separate data are not available for economic classification.

12.5 ECONOMIC-FUNCTIONAL CLASSIFICATION OF GOVERNMENT MAIN EXPENDITURE, 1983

Thousand Dollars

Functional Classification Economic Classification	Total	General Services	Defence, Justice and Police	Social and Community Services			Economic Services	Public Debt and Unallocable Expenditure
				Education	Health	Others		
Total	8,155,338	468,791	1,724,030	1,115,084	341,964	347,785	346,476	3,811,208
Salaries of Government Employees	1,446,346	165,651	244,952	517,937	263,732	158,810	95,264	-
Personal Emoluments & Allowances	1,250,701	141,577	215,808	454,141	225,862	132,922	80,391	-
Contributions to Central Provident Fund	195,645	24,074	29,144	63,796	37,870	25,888	14,873	-
Rental of Fixed Assets	20,098	12,943	211	120	3,220	2,540	1,064	-
Expenditure on Goods & Services	491,195	80,348	52,344	21,527	69,868	72,896	193,699	513
Interest Payments	1,444,832	-	-	-	-	-	-	1,444,832
Transfer Payments	1,052,463	209,833	3,538	575,500	5,144	112,831	56,433	89,184
Transfer to Households	228,337	243	458	133,934	394	4,412	232	88,664
Transfer to Public Authorities & Non-profit Institutions	601,238	3,327	803	433,803	2,923	106,521	53,861	-
Other Transfers	222,888	206,263	2,277	7,763	1,827	1,898	2,340	520
Financial Claims	2,277,415	16	-	-	-	704	16	2,276,679
Unallocable ¹	1,422,989	-	1,422,985	-	-	4	-	-

Note: Figures exclude transfer of \$1,703,794,850 to the Development Fund Account.

¹ Refers mainly to armed forces expenditure of which separate data are not available for economic classification.

12.6 SOURCES AND USES OF DEVELOPMENT FUND

Million Dollars

Financial Year	Balance (Beginning of Financial Year)	Sources				Uses			
		Total	Consolidated Revenue Account	Consolidated Loan Account	Other	Total	Government Development Expenditure	Loans to Sta- tutory Boards & Enterprises	Other
1973/74	1,112.2	1,289.9	272.5	716.6	300.8	1,106.5	208.9	897.6	-
1974/75	1,295.6	1,762.5	480.0	842.0	440.5	1,140.8	283.8	847.8	9.2
1975/76	1,917.3	2,292.0	443.1	1,303.3	545.6	1,548.5	404.7	1,138.7	5.1
1976/77	2,660.8	3,456.0	582.9	2,043.2	829.9	1,683.9	618.5	1,065.4	-
1977/78	4,432.9	3,329.1	556.4	1,694.5	1,078.2	1,890.0	710.0	1,180.0	-
1978/79	5,872.0	3,946.8	664.0	2,022.5	1,260.3	2,148.9	790.6	1,358.3	-
1979/80	7,669.9	3,380.8	511.3	1,698.5	1,171.0	2,303.2	924.1	1,379.1	-
1980/81	8,747.5	4,142.0	94.0	2,221.1	1,826.9	3,654.5	1,385.9	2,268.6	-
1981/82	9,235.0	3,241.0	1,703.8	13.8	1,523.4	5,154.7	1,614.5	2,584.5	955.7
1982/83	7,321.3	5,197.0	1,995.1	1,330.4	1,871.5	4,997.8	1,951.0	3,046.8	-
1983/84 ¹	7,520.5	10,430.0	1,988.7	6,180.3	2,261.0	7,788.6	3,276.6	4,512.0	-

¹ Based on Budget estimates.

Source: Accountant-General's Department

12.7 GOVERNMENT DEBT

Million Dollars

End of Year	Total	Domestic					External ¹					
		Total	Registered Stocks	Bearer Bonds	Treasury Bills and Deposits	Advance Deposits	Total	UK Special Aid	World Bank	Asian Development Bank	Capital Market Loan	Others
1973	3,757.6	3,285.3	2,332.6	35.0	745.8	171.9	472.3	264.5	18.2	5.0	143.9	40.7
1974	4,522.4	4,028.5	2,761.2	35.0	848.4	383.9	493.9	270.1	27.6	6.3	143.9	46.0
1975	5,698.1	5,155.4	3,747.4	75.0	930.1	402.9	542.7	270.1	47.2	8.4	143.9	73.1
1976	7,315.1	6,656.8	5,322.1	75.0	819.0	440.7	658.3	270.1	65.7	14.0	231.8	76.7
1977	9,130.2	8,143.1	6,851.4	115.0	827.6	349.1	987.1	270.1	79.6	14.8	528.6	94.0
1978	10,692.6	9,674.4	7,872.3	135.0	942.1	725.0	1,018.2	260.7	131.3	13.4	514.5	98.3
1979	12,396.5	11,419.8	9,585.2	135.0	1,128.0	571.6	976.7	251.2	137.6	11.9	487.8	88.2
1980	14,669.5	13,732.5	11,608.7	120.0	1,651.3	352.5	937.0	241.0	145.7	11.1	460.9	78.3
1981	17,138.2	16,241.8	11,333.0	80.0	1,943.3	2,885.5	896.4	232.0	143.5	16.0	436.0	68.9
1982	20,730.4	19,855.7	12,556.1	80.0	1,839.8	5,379.8	874.7	224.1	137.1	43.9	408.9	60.7
1983	25,031.5	24,359.9	18,438.6	40.0	1,723.0	4,158.3	671.6	217.4	129.8	70.3	202.0	52.1

¹ Figures were computed at market rates.Source: Accountant-General's Department
The Monetary Authority of Singapore

12.8 REVENUE COLLECTED BY CUSTOMS AND EXCISE DEPARTMENT

Thousand Dollars

Year	Total	Import and Excise Duties					Entertainment Duties	Film Hire Duty	Licence Fees	Miscellaneous Receipts
		Liquors	Tobacco	Petroleum	Sugar	Others				
1973	422,586	91,786	93,467	107,763	17,392	89,943	14,447	2,535	2,116	3,137
1974	420,964	94,966	99,743	117,705	18,090	63,705	17,275	2,972	2,760	3,748
1975	433,021	103,014	108,344	121,387	16,418	53,391	18,769	3,189	3,596	4,913
1976	474,487	107,604	119,974	125,778	18,239	71,325	20,695	3,201	3,074	4,597
1977	535,410	114,025	123,692	133,892	19,354	105,673	25,244	3,778	4,353	5,399
1978	586,500	129,511	126,721	143,428	19,596	125,625	29,580	3,793	3,283	4,963
1979	634,447	139,831	125,904	154,382	20,824	145,362	34,390	4,205	4,086	5,463
1980	716,518	158,128	142,682	168,452	21,629	180,713	31,671	4,092	3,993	5,158
1981	748,382	167,671	168,320	184,159	20,020	158,893	36,385	3,967	4,384	4,583
1982	813,717	173,450	176,865	206,135	20,110	183,674	40,690	4,184	4,553	4,056
1983	913,550	193,391	195,438	265,076	20,091	185,543	41,088	3,823	5,435	3,665

Source: Customs and Excise Department

12.9 REVENUE COLLECTED BY INLAND REVENUE DEPARTMENT

Thousand Dollars

Year	Total	Income Tax ¹	Property Tax ¹	Estate Duties	Stamp Duties ²	Payroll Tax	Bets, Sweepstakes and Private Lotteries	Radio and Television Licensing Fees ³	Skills Development Levy ⁴	Others
1973	922,877	562,622	200,216	24,168	74,390	35,229	16,391	9,574	-	287
1974	1,250,481	846,482	253,830	31,911	44,849	44,441	18,313	10,307	-	348
1975	1,559,606	1,123,745	281,439	21,634	46,933	51,805	22,433	11,327	-	290
1976	1,663,784	1,153,559	331,861	21,851	56,848	59,302	27,927	12,220	-	216
1977	1,819,791	1,281,524	349,662	23,739	60,482	65,752	25,499	12,921	-	212
1978	1,899,456	1,279,919	388,373	28,013	80,364	74,943	32,384	15,420	-	40
1979	2,176,207	1,390,942	491,394	36,515	106,252	89,459	36,730	16,880	7,731	304
1980	2,867,131	1,915,962	531,095	23,548	165,703	107,516	42,524	-	80,338	445
1981	3,920,109	2,629,395	648,275	47,585	279,286	133,899	68,250	-	112,925	494
1982	4,714,459	3,251,201	807,472	43,203	251,794	161,330	86,356	-	112,622	481
1983	5,239,478	3,517,835	948,840	61,175	314,172	181,678	102,763	-	112,453	562

1 Figures include compounding fees and surcharges on Property taxes.

Source: Inland Revenue Department
Singapore Broadcasting Corporation

2 Figures from 1974 include sales of revenue stamps which were previously included under others.

3 With effect from 1.2.80 revenue is collected by the Singapore Broadcasting Corporation.

4 Amount credited to Skills Development Fund.

12.10 TAXPAYERS, ASSESSED INCOME AND TAX ASSESSED, 1981 AND 1982

	Taxpayers			Assessed Income			Tax Assessed			
	Total	Resident	Non-resident	Total	Resident	Non-resident	Total	Resident	Non-resident	
	Number			Thousand Dollars						
	1981									
	Total	454,924	448,968	5,956	11,955,123	11,443,385	511,738	2,760,937	2,582,393	178,544
	Individuals	444,492	438,922	5,570	6,622,920	6,564,276	58,644	667,769	651,893	15,876
	Employees	390,044	385,640	4,404	5,459,983	5,421,866	38,117	487,972	478,184	9,788
	Sole Proprietors	34,941	34,013	928	633,858	621,907	11,951	88,197	85,539	2,658
	Partners	19,507	19,269	238	529,079	520,503	8,576	91,600	88,170	3,430
	Companies	9,545	9,159	386	5,277,964	4,824,870	453,094	2,068,351	1,905,683	162,668
	Trusts ¹	818	818	-	10,677	10,677	-	4,258	4,258	-
	Clubs & Associations	69	69	-	43,562	43,562	-	20,559	20,559	-
		1982								
Total		487,246	477,656	9,590	14,450,333	13,659,567	790,766	3,206,228	2,931,991	274,237
Individuals		476,166	467,001	9,165	8,162,390	8,080,036	82,354	743,669	723,281	20,388
Employees		406,142	398,301	7,841	6,581,365	6,519,058	62,307	534,592	520,106	14,486
Sole Proprietors		50,793	49,671	1,122	952,330	940,552	11,778	109,231	106,634	2,597
Partners		19,231	19,029	202	628,695	620,426	8,269	99,846	96,541	3,305
Companies		9,968	9,550	418	6,185,374	5,476,990	708,384	2,409,559	2,155,715	253,844
Trusts ¹		761	754	7	13,414	13,385	29	5,351	5,347	4
Clubs & Associations		351	351	-	89,156	89,156	-	47,649	47,649	-

Note: Figures for 1981 refer to assessments made during the period 1.1.81 to 31.12.81 (12 months).

Figures for 1982 refer to assessments made during the period 1.1.82 to 31.12.82 (12 months).

Source: Inland Revenue Department

¹ Include Hindu Joint Families.

12.11 INCOME TAX ASSESSMENT OF INDIVIDUALS, 1981 AND 1982

Assessed Income Group (\$)	Taxpayers			Assessed Income			Tax Assessed			
	Total	Resident	Non-resident	Total	Resident	Non-resident	Total	Resident	Non-resident	
	Number			Thousand Dollars						
Total	1981									
	444,492	438,922	5,570	6,622,920	6,564,276	58,644	667,769	651,893	15,876	
	6,000 & Below	92,586	89,244	3,342	398,685	392,068	6,617	4,637	2,872	1,765
	6,001 - 8,000	76,057	75,711	346	532,281	529,870	2,411	8,117	7,520	597
	8,001 - 10,000	66,495	66,244	251	596,886	594,592	2,294	12,347	11,808	539
	10,001 - 15,000	92,405	91,887	518	1,118,399	1,111,958	6,441	36,087	34,619	1,468
	15,001 - 20,000	41,026	40,684	342	707,850	701,914	5,936	36,245	34,864	1,381
	20,001 - 30,000	36,760	36,391	369	887,073	878,008	9,065	67,244	65,193	2,051
	30,001 - 50,000	22,783	22,531	252	867,140	857,955	9,185	109,167	107,038	2,129
	50,001 - 100,000	12,359	12,260	99	832,620	825,922	6,698	174,259	171,976	2,283
	100,001 - 200,000	3,296	3,260	36	437,545	432,465	5,080	126,502	124,623	1,879
	Over 200,000	725	710	15	244,441	239,524	4,917	93,164	91,380	1,784
	1982									
	476,166	467,001	9,165	8,162,390	8,080,036	82,354	743,669	723,281	20,388	
	6,000 & Below	61,516	55,444	6,072	291,023	278,658	12,365	5,005	2,457	2,548
6,001 - 8,000	73,827	73,343	484	519,467	516,080	3,387	7,377	6,654	723	
8,001 - 10,000	71,192	70,808	384	639,345	635,862	3,483	10,732	9,996	736	
10,001 - 15,000	117,726	117,016	710	1,435,925	1,427,242	8,683	33,792	32,003	1,789	
15,001 - 20,000	52,695	52,239	456	908,463	900,500	7,963	34,660	32,998	1,662	
20,001 - 30,000	47,699	47,215	484	1,156,061	1,144,375	11,686	69,262	66,601	2,661	
30,001 - 50,000	29,739	29,343	396	1,129,315	1,114,299	15,016	115,342	112,084	3,258	
50,001 - 100,000	15,872	15,750	122	1,072,384	1,064,397	7,987	184,706	182,268	2,438	
100,001 - 200,000	4,776	4,735	41	639,160	633,452	5,708	159,474	157,331	2,143	
Over 200,000	1,124	1,108	16	371,247	365,171	6,076	123,319	120,889	2,430	

Note: See note to Table 12.11.

Source: Inland Revenue Department.

12.12 INCOME TAX ASSESSMENT OF COMPANIES, 1981 AND 1982

Assessed Income Group (\$)	Taxpayers			Assessed Income			Tax Assessed		
	Total	Resident	Non-resident	Total	Resident	Non-resident	Total	Resident	Non-resident
	Number			Thousand Dollars					
Total 10,000 & Below 10,001 - 20,000 20,001 - 30,000 30,001 - 50,000 50,001 - 100,000 100,001 - 300,000 300,001 - 500,000 500,001 - 1,000,000 Over 1,000,000	1981								
	9,545	9,159	386	5,277,964	4,824,870	453,094	2,068,351	1,905,683	162,668
	2,305	2,253	52	10,282	10,073	209	4,102	4,018	84
	1,162	1,130	32	17,276	16,824	452	6,887	6,711	176
	720	696	24	18,141	17,522	619	7,250	7,003	247
	1,032	1,006	26	41,292	40,286	1,006	16,455	16,073	382
	1,284	1,234	50	94,290	90,779	3,511	37,609	36,223	1,386
	1,492	1,426	66	265,067	253,737	11,330	105,600	101,270	4,330
	428	392	36	170,362	156,025	14,337	68,049	62,313	5,736
	445	410	35	314,848	290,133	24,715	124,952	115,708	9,244
	677	612	65	4,346,406	3,949,491	396,915	1,697,447	1,556,364	141,083
	1982								
	9,968	9,550	418	6,185,374	5,476,990	708,384	2,409,559	2,155,715	253,844
	2,354	2,296	58	10,225	10,008	217	4,080	3,996	84
1,163	1,136	27	17,359	16,956	403	6,937	6,776	161	
809	778	31	20,617	19,839	778	8,233	7,922	311	
1,043	1,008	35	41,554	40,163	1,391	16,601	16,054	547	
1,347	1,300	47	99,788	96,292	3,496	39,910	38,512	1,398	
1,563	1,490	73	276,671	264,284	12,387	110,463	105,557	4,906	
485	452	33	190,529	176,883	13,646	75,957	70,499	5,458	
473	444	29	336,506	316,389	20,117	133,047	125,386	7,661	
731	646	85	5,192,125	4,536,176	655,949	2,014,331	1,781,013	233,318	

Note: See note to Table 12.11.

Source: Inland Revenue Department

Consumer Price Index

The Consumer Price Index (June 1982-May 1983 = 100) is based on the list of items and weighting pattern derived from the Household Expenditure Survey conducted from June 1982 to May 1983. The expenditure records of 4,573 households with monthly expenditure of \$100-\$2,999 were used as the weighting pattern. These households constituted 91 per cent of all households surveyed. The index, a weighted arithmetic average of price relatives, is computed monthly. The yearly index is a simple average of twelve monthly indices.

Retail Prices

Retail prices of selected goods are collected regularly from markets, supermarkets, provision shops, econ-mini marts and other retail outlets spread over the entire island. Prices are collected thrice

weekly for perishable food items such as fish, vegetables, meat and poultry, and weekly for sundries and provisions. Clothing materials, furniture, consumer durables and some miscellaneous items including items of services are priced monthly. Items with infrequent price fluctuations (eg rents, electricity rates, bus fares) are checked either quarterly, yearly or as and when their prices are revised.

Wholesale Price Indices

The series of wholesale price indices consist of the General Wholesale Price Index and Indices on Singapore manufactured products, imported products, exported products, building materials and local farm products. The list of items and weighting patterns for the Singapore manufactured products, imported products and building materials series were derived from data collected in the 1973 Census of Industrial Pro-

duction and/or the 1973 external trade statistics while those for the exported products series were derived from exports statistics of 1978. The series on local farm products was based on data supplied by the Primary Production Department. The weights for the General Wholesale Price Index were made proportionate to the combined value of retained imports and locally manufactured goods sold in the domestic market and those for the building materials entering the building and construction industries.

Wholesale Prices

Wholesale prices of rubber are supplied weekly by the Rubber Association of Singapore. Prices of palm oil are supplied monthly by the Malaysian Oil Palm Growers Council. For other types of produce, weekly prices are obtained from the Singapore Chinese Produce Exchange.

Property Price Index

The Property Price Index was compiled for private properties only. Detailed sub-indices were available for residential, commercial and industrial properties. For residential properties, separate indices were calculated for bungalows, semi-detached bungalows, terrace houses and flats/apartments. In the case of commercial properties, indices were compiled for offices and shop units, while the index for industrial properties was based on flatted factories.

The indices were compiled based on the average transacted prices of selected properties extracted from the "Notices of Transfers" of properties filed with the Chief Assessor of the Property Tax Division. The date of contract was used as the date of the sales transaction. The weight assigned to each type of property was based on the total sales value in 1979.

13.1 CONSUMER PRICE INDEX, 1975-1983

	All Items	Food	Clothing	Housing	Transport and Communication	Miscellaneous
Period \ Weights ¹	10,000	4,404	570	1,693	1,395	1,938
	June 1982-May 1983 = 100					
1975	73.9	75.3	88.1	73.4	66.1	71.8
1976	72.5	70.7	88.7	77.8	68.8	72.6
1977	74.8	74.2	90.1	79.0	69.2	73.6
1978	78.4	78.6	92.7	80.0	72.3	77.6
1979	81.5	80.8	96.0	83.8	78.8	80.2
1980	88.4	87.0	97.8	93.2	89.0	85.8
1981	95.7	95.3	99.6	97.3	97.4	93.2
1982	99.4	100.1	100.0	99.4	99.8	97.3
1983	100.6	100.4	100.1	99.7	100.6	102.0
	Annual Percentage Change					
1975	2.6	1.1	-1.3	5.8	4.0	5.7
1976	-1.9	-6.1	0.7	5.9	4.1	1.2
1977	3.2	4.9	1.5	1.5	0.6	1.4
1978	4.8	5.9	2.9	1.2	4.4	5.4
1979	4.0	2.8	3.5	4.8	9.0	3.4
1980	8.5	7.7	1.9	11.2	12.9	7.0
1981	8.2	9.6	1.8	4.3	9.5	8.6
1982	3.9	5.0	0.4	2.2	2.4	4.4
1983	1.2	0.3	0.1	0.3	0.8	4.8

¹ The weights refer to the consumption pattern of 1982/83 and are used in the computation of the 1983 index. Indices for the period 1975-1977 and 1978-1982 relate to the consumption pattern of 1972/73 and 1977/78 respectively.

13.2 AVERAGE RETAIL PRICES OF SELECTED FOODSTUFFS

Dollars

Year	Rice and Other Cereals					Meat and Poultry					Milk and Eggs	
	Thai Rice 100%	Wheat Flour	Bread	Rice Vermicelli ¹	Instant Noodles	Lean Pork	Lean and Fat Pork	Fresh Beef	Fresh Mutton	Hen	Condensed Milk	Hen Eggs
	Per kg		400g	400g pkt	425g pkt	Per Kg					397g Tin	Per 10
1973	1.34	.60	.35	.59	1.05	4.86	4.18	6.40	5.40	3.17	.68	1.26
1974	1.85	.88	.52	.69	1.50	5.90	5.14	7.46	6.32	3.56	.72	1.41
1975	1.49	.78	.47	.69	1.50	6.42	5.54	7.36	5.84	3.70	.85	1.30
1976	.98	.74	.45	.66	1.50	5.56	4.60	7.21	5.46	3.74	.85	1.40
1977	.89	.66	.43	.66	1.50	5.59	4.68	6.99	6.46	3.77	.85	1.41
1978	1.07	.63	.40	.70	1.50	5.87	4.88	7.29	7.08	3.80	.85	1.26
1979	.94	.71	.52	.70	1.60	5.39	4.71	9.13	7.60	3.90	.85	1.51
1980	1.05	.83	.60	.70	1.70	6.53	5.89	11.33	8.95	3.95	.93	1.47
1981	1.28	.83	.62	.70	1.85	7.15	6.50	11.87	10.30	4.34	1.14	1.73
1982	1.10	.83	.63	.63	1.95	7.86	7.00	12.21	11.00	4.80	1.15	1.67
1983	1.08	.83	.62	.68	1.76	7.96	6.98	12.60	10.98	4.59	1.15	1.54

¹ Prior to 1982, prices refer to 500g packet.

13.2 AVERAGE RETAIL PRICES OF SELECTED FOODSTUFFS (continued)

Dollars

Year	Cooking Oils		Fish				Prawns		Vegetables			
	Deodorised Oil	Vegetable Oil	Spanish Mackerel (Tenggiri)	Gold Banded Scad (Kunning)	Dorab (Parang Cut)	White Promfret	Fresh	Dried	Cabbage	Spinach (Bayam)	Small Mustard	Red Chillies
	2 kg bot	1 kg bot	Per Kg									
1973	3.70	..	3.21	1.47	3.85	..	8.75	5.51	.74	.48	.73	2.12
1974	5.75	..	4.10	2.28	4.76	..	9.34	6.58	.73	.53	.76	2.25
1975	5.29	..	4.46	2.73	5.29	..	10.70	6.63	.89	.60	.88	2.25
1976	5.05	..	4.61	3.09	5.29	..	13.91	7.08	.91	.64	.96	2.68
1977	5.36	..	4.76	3.27	5.52	..	16.39	8.23	1.04	.73	1.12	2.71
1978	5.42	..	5.42	3.26	6.35	11.67	17.25	9.51	1.17	.86	1.34	2.73
1979	5.46	..	5.39	3.24	6.63	12.53	20.60	10.40	1.21	.94	1.47	2.84
1980	5.46	..	6.17	3.31	7.57	13.51	20.08	11.05	1.29	1.07	1.77	3.57
1981	5.24	..	7.12	3.70	8.61	14.72	20.45	12.97	1.52	1.14	1.77	3.79
1982	5.03	..	8.64	4.52	10.54	15.53	23.02	14.48	1.48	1.40	2.20	4.96
1983	4.96	2.34	8.54	4.65	10.58	13.85	23.59	13.77	1.65	1.55	2.42	7.84

13.2 AVERAGE RETAIL PRICES OF SELECTED FOODSTUFFS (continued)

Dollars

Year	Vegetables			Fruits					Miscellaneous			
	Cucumber	Long Beans	Potatoes	Pineapple	Apple	Orange	Bananas	Papaya	Sugar	Coffee Powder	Tea	Food Beverage ³
	Per Kg			Each		Per Kg				100 Tea Bags ²		400g tin
1973	.50	.73	.61	.30	.22	.21	.50	.36	.73	4.20	1.52	2.41
1974	.53	.73	.69	.31	.21	.25	.56	.45	.81	4.76	1.59	2.57
1975	.56	.78	.79	.35	.18	.24	.68	.48	1.24	4.89	1.66	2.76
1976	.63	.98	.89	.37	.19	.25	.71	.51	1.24	6.56	1.68	2.75
1977	.66	1.03	.89	.40	.22	.29	.74	.56	1.24	13.58	1.98	2.93
1978	.66	1.03	.88	.41	.28	.31	.76	.60	1.22	11.61	4.08	2.98
1979	.74	1.14	.98	.43	.29	.36	.81	.69	1.20	11.86	4.26	3.77
1980	.78	1.32	1.03	.50	.30	.32	.93	.76	1.24	12.08	4.50	3.94
1981	.86	1.41	1.12	.58	.32	.35	1.08	.80	1.35	10.90	4.75	4.00
1982	.90	1.58	1.10	.68	.35	.42	1.19	.88	1.26	10.62	4.83	3.67
1983	1.13	1.85	1.10	.64	.30	.35	1.22	.96	1.25	11.65	4.70	3.71

² Prior to 1977, prices refer to average retail price of tea dust in 227g packet.³ Prior to 1982, prices refer to 500g tin.

13.3 GENERAL WHOLESALE PRICE INDEX

Section	All Items	Food	Beverages & Tobacco	Crude Materials	Mineral Fuels	Animal & Vegetable Oils	Chemicals & Chemical Products	Manufactured Goods	Machinery & Equipment	Miscellaneous Manufactures
Weights	10,000	1,040	195	1,083	1,572	74	567	2,066	2,544	859
Period	1974 = 100									
1976	105.1	102.0	115.2	113.3	112.9	70.6	102.1	97.0	105.4	105.8
1977	109.9	112.1	116.6	118.8	121.1	89.0	103.3	99.6	107.6	111.0
1978	111.6	110.1	121.8	127.7	114.6	89.9	101.6	104.8	110.1	114.5
1979	127.7	115.5	126.3	161.5	157.4	101.6	123.1	114.2	113.6	125.0
1980	152.7	124.7	138.7	175.1	255.6	89.3	148.7	124.6	121.0	142.6
1981	158.6	129.1	148.6	144.9	300.3	84.9	150.0	127.7	125.5	138.7
1982	151.9	125.7	156.8	127.8	279.6	72.8	144.9	123.6	126.9	133.3
1983	146.4	120.4	164.8	141.6	250.0	78.8	137.3	117.9	125.0	133.9
Annual Percentage Change										
1976	6.7	3.4	2.6	29.9	7.5	-7.8	6.1	3.7	3.6	2.0
1977	4.5	9.9	1.2	4.8	7.2	26.0	1.2	2.8	2.1	4.9
1978	1.6	-1.7	4.4	7.5	-5.4	1.1	-1.7	5.2	2.3	3.2
1979	14.4	4.9	3.7	26.5	37.3	13.0	21.2	9.0	3.1	9.2
1980	19.6	8.0	9.9	8.5	62.4	-12.1	20.8	9.1	6.5	14.0
1981	3.9	3.5	7.1	-17.3	17.5	-4.9	0.9	2.4	3.7	-2.7
1982	-4.2	-2.6	5.5	-11.8	-6.9	-14.3	-3.4	-3.2	1.1	-3.9
1983	-3.7	-4.2	5.1	10.8	-10.6	8.2	-5.2	-4.6	-1.5	0.4

13.4 WHOLESALE PRICE INDEX OF SINGAPORE MANUFACTURED PRODUCTS

Section	All Items	Food	Beverages & Tobacco	Crude Materials	Mineral Fuels	Animal & Vegetable Oils	Chemicals & Chemical Products	Manufactured Goods	Machinery & Equipment	Miscellaneous Manufactures
Weights	10,000	840	263	1,286	2,191	66	613	1,702	2,013	1,206
Period										
1974 = 100										
1976	103.5	109.2	116.2	117.7	112.3	66.3	103.9	98.7	85.2	105.0
1977	108.7	120.8	117.7	122.6	119.9	78.9	103.8	103.8	86.2	112.4
1978	106.9	111.0	122.3	134.1	112.9	81.3	100.0	107.4	77.7	114.9
1979	126.9	117.2	126.2	172.0	152.0	92.0	127.7	122.6	79.0	127.7
1980	156.6	126.6	138.5	183.9	240.1	83.9	163.9	130.7	88.4	149.8
1981	161.1	128.8	149.4	146.9	273.6	79.5	171.2	132.7	92.9	148.3
1982	152.7	122.9	159.3	125.9	258.7	71.9	166.6	127.1	89.9	144.9
1983	146.9	120.4	169.3	143.5	228.6	73.6	154.8	123.1	88.4	146.7
Annual Percentage Change										
1976	6.7	5.9	2.1	34.8	7.4	-9.2	9.8	5.2	-7.1	2.6
1977	5.0	10.6	1.3	4.2	6.8	19.0	-0.1	5.2	1.2	7.0
1978	-1.7	-8.1	3.9	9.4	-5.8	3.0	-3.7	3.5	-9.9	2.2
1979	18.7	5.6	3.2	28.2	34.6	13.2	27.8	14.1	1.8	11.1
1980	23.4	8.0	9.7	6.9	58.0	-8.8	28.4	6.6	11.9	17.3
1981	2.9	1.8	7.9	-20.1	13.9	-5.2	4.4	1.5	5.0	-1.0
1982	-5.2	-4.6	6.7	-14.3	-5.4	-9.7	-2.7	-4.2	-3.2	-2.2
1983	-3.8	-2.1	6.3	13.9	-11.6	2.4	-7.0	-3.1	-1.6	1.2

13.5 WHOLESALE PRICE INDEX OF IMPORTED PRODUCTS

Section	All Items	Food	Beverages & Tobacco	Crude Materials	Mineral Fuels	Animal & Vegetable Oils	Chemicals & Chemical Products	Manufactured Goods	Machinery & Equipment	Miscellaneous Manufactures
Weights	10,000	997	85	1,622	1,293	144	550	1,959	2,657	693
Period	1974 = 100									
1976	107.2	102.8	113.7	110.0	115.3	72.1	104.7	98.5	111.9	106.9
1977	112.6	118.7	114.1	115.5	123.1	96.7	103.9	101.3	114.7	111.8
1978	116.9	118.9	120.0	126.6	117.4	95.1	104.2	107.7	121.1	115.1
1979	132.0	124.5	125.9	155.2	163.6	107.1	117.6	116.2	124.9	119.1
1980	154.2	131.6	137.9	169.3	269.0	93.4	135.4	126.4	132.6	128.5
1981	156.6	133.6	148.1	134.4	316.7	89.9	133.7	128.7	137.4	129.4
1982	149.8	133.2	151.4	113.6	294.8	73.1	129.1	124.7	140.7	125.3
1983	145.9	127.9	154.0	131.4	263.0	79.8	125.1	118.4	138.5	122.5
Annual Percentage Change										
1976	9.0	6.5	4.8	33.7	8.5	-13.5	-0.6	3.6	6.2	4.8
1977	5.1	15.5	0.3	5.0	6.8	34.3	-0.7	2.8	2.4	4.6
1978	3.8	0.2	5.2	9.6	-4.6	-1.7	0.3	6.3	5.6	3.0
1979	12.9	4.7	4.8	22.6	39.4	12.7	12.9	7.9	3.2	3.4
1980	16.8	5.7	9.6	9.1	64.4	-12.8	15.2	8.8	6.2	7.8
1981	1.6	1.6	7.4	-20.6	17.7	-3.8	-1.3	1.8	3.6	0.7
1982	-4.4	-0.3	2.2	-15.5	-6.9	-18.6	-3.4	-3.1	2.5	-3.1
1983	-2.6	-4.0	1.8	15.7	-10.8	9.2	-3.1	-5.0	-1.6	-2.3

13.6 WHOLESALE PRICE INDEX OF EXPORTED PRODUCTS
(1978 = 100)

Section	All Items	Food	Beverages & Tobacco	Crude Materials	Mineral Fuel	Animal & Vegetable Oils	Chemicals & Chemical Products	Manufactured Goods	Machinery & Equipment	Miscellaneous Manufactures
Weights	10,000	662	41	1,410	3,031	211	418	939	2,559	729
Period										
1979	116.9	104.0	102.5	122.8	137.0	105.0	109.3	110.8	102.0	102.3
1980	144.1	107.5	116.0	127.1	212.7	98.8	137.6	121.0	105.6	108.8
1981	149.5	103.2	123.0	101.3	233.6	88.4	138.9	121.7	115.9	114.2
1982	144.9	101.5	125.4	86.7	225.9	77.0	141.1	117.2	118.2	112.6
1983	138.0	99.4	125.8	100.6	198.9	76.3	139.5	112.0	119.2	109.6
1983 January	140.7	98.1	126.9	84.2	217.9	74.0	139.4	112.8	116.1	110.3
February	141.4	98.0	126.9	91.9	217.4	74.2	139.2	112.7	115.4	110.2
March	143.6	97.9	126.1	101.7	217.6	74.0	139.4	112.8	118.3	110.1
April	138.5	97.9	126.2	105.5	199.0	73.0	138.1	112.9	118.6	110.3
May	138.0	97.9	126.3	100.7	198.0	73.3	138.7	113.0	120.3	110.1
June	139.1	98.3	126.3	102.5	200.6	73.7	139.2	113.3	120.3	110.1
July	137.0	97.4	126.4	105.1	193.4	74.6	139.3	111.7	120.2	109.3
August	135.8	98.3	126.4	105.0	189.7	77.8	139.6	111.3	119.6	109.2
September	135.4	99.6	126.4	101.9	188.6	80.3	140.1	111.3	120.4	109.2
October	135.7	100.7	124.2	101.8	188.7	80.7	140.0	111.0	121.6	108.7
November	135.5	103.5	124.2	102.9	188.3	80.1	140.3	110.9	119.7	108.8
December	135.7	105.7	123.6	103.8	187.6	80.3	140.4	110.7	120.3	108.8

13.7 WHOLESALE PRICE INDEX OF BUILDING MATERIALS

Section	All Items	Timber & Wood Products	Concrete Ingredients (Granite)	Paints	Cement	Bricks & Concrete Blocks	Tiles	Iron & Steel Products	Cables	Sanitary & Plumbing Fixtures	Others
Weights	10,000	586	603	517	1,978	330	986	3,466	625	173	736
Period											
	1974 = 100										
1976	93.8	112.2	138.9	99.7	94.8	107.5	92.5	82.2	64.8	104.0	107.5
1977	94.7	118.6	123.6	99.7	92.2	108.9	107.3	82.3	64.1	101.9	114.6
1978	99.0	119.6	115.5	99.7	95.7	107.5	120.9	89.2	63.6	103.8	118.6
1979	111.1	143.8	125.6	106.9	108.2	127.4	130.1	100.8	81.7	114.4	123.3
1980	127.7	159.0	212.7	121.0	115.0	187.2	146.8	110.0	88.4	129.6	135.5
1981	136.0	161.1	279.4	122.6	126.2	217.2	160.1	108.9	72.1	145.5	144.9
1982	130.4	160.4	255.2	122.6	124.1	219.2	153.0	101.1	63.2	150.3	147.0
1983	125.2	154.8	230.3	122.6	122.6	223.8	148.3	92.7	66.0	146.9	147.9
	Annual Percentage Change										
1976	2.9	18.3	23.5	-0.1	-7.6	4.2	2.8	2.6	0.9	3.3	4.8
1977	1.0	5.7	-11.0	-	-2.7	1.3	16.0	0.1	-1.1	-2.0	6.6
1978	4.5	0.9	-6.6	-	3.8	-1.2	12.6	8.4	-0.7	1.9	3.5
1979	12.3	20.2	8.8	7.2	13.1	18.4	7.7	13.0	28.5	10.2	4.0
1980	14.9	10.6	69.4	13.2	6.2	47.0	12.8	9.1	8.1	13.4	9.8
1981	6.5	1.3	31.3	1.4	9.8	16.1	9.1	-1.0	-18.4	12.2	7.0
1982	-4.1	-0.5	-8.7	-	-1.7	0.9	-4.4	-7.2	-12.4	3.3	1.5
1983	-4.0	-3.5	-9.8	-	-1.2	2.1	-3.1	-8.3	4.6	-2.3	0.6

13.8 WHOLESALE PRICE INDEX OF LOCAL FARM PRODUCTS

Section	All Items	Pigs	Fowls	Ducks	Hen Eggs	Leafy Vegetables	Fruit Vegetables	Root Vegetables	Fresh Fish	
Period \ Weights	10,000	4,879	2,384	272	1,084	435	99	22	825	
	1974 = 100									
	1976	93.2	80.8	98.0	95.4	99.1	102.5	119.7	96.6	135.9
	1977	104.0	97.2	96.5	106.2	98.3	124.5	133.9	142.3	156.6
	1978	100.9	92.4	96.0	97.9	82.3	142.0	127.9	141.0	164.1
	1979	106.6	92.2	102.2	99.7	103.0	155.2	153.8	153.7	178.4
	1980	118.0	109.3	101.5	126.8	97.7	207.4	173.0	179.4	185.7
	1981	134.1	125.6	114.8	157.0	118.8	212.8	183.5	214.0	202.6
	1982	139.8	132.3	112.4	142.8	103.5	293.0	241.6	236.9	215.2
	1983	138.5	133.3	104.9	128.2	94.5	320.6	249.8	271.3	214.7
	Annual Percentage Change									
	1976	-12.8	-29.8	4.2	-3.0	8.5	-9.2	10.7	0.9	17.1
	1977	11.6	20.4	-1.6	11.3	-0.8	21.4	11.9	47.4	15.2
	1978	-3.0	-4.9	-0.5	-7.8	-16.3	14.1	-4.5	-0.9	4.8
	1979	5.7	-0.2	6.6	1.9	25.1	9.2	20.3	9.0	8.7
	1980	10.8	18.5	-0.7	27.2	-5.2	33.6	12.5	16.7	4.0
1981	13.6	14.9	13.0	23.8	21.6	2.6	6.5	19.3	9.2	
1982	4.3	5.3	-2.1	-9.1	-12.8	37.7	31.6	10.7	6.2	
1983	-1.0	0.8	-6.7	-10.2	-8.8	9.4	3.4	14.5	-0.2	

13.9 AVERAGE WHOLESALE PRODUCE PRICES

Year	Rubber							Pepper		Coffee AP 1	Crude Coconut Oil (In Drums)	Palm Oil ¹	Tin
	Ribbed Smoked Sheet				SSR 20	SSR 50	Int 3 Thick Blanket Crepe (Amber)	Black Lampong	White Muntok Genuine				
	Int 1	Int 2	Int 3	Int 4									
Cents Per Kilogram (fob)							Dollars Per 100 Kilogram (fob)				M\$ Per Tonne (fob)	M\$ Per Kilogram (fob)	
1973	166.82	159.65	158.18	155.28	..	..	147.86	273.95	408.99	232.53	119.80	510	11.30
1974	183.71	171.18	165.67	160.56	151.90	145.63	152.28	393.19	484.36	264.00	239.91	1,149	18.65
1975	135.21	131.01	128.80	126.18	131.20	129.38	119.64	391.43	428.09	264.26	116.06	1,055	15.94
1976	192.99	186.74	183.52	180.03	185.76	183.60	174.09	419.51	464.70	582.08	113.86	882	18.90
1977	200.84	196.32	191.99	188.36	196.21	193.86	177.52	599.18	661.00	1,036.84	155.88	1,225	26.21
1978	226.07	220.14	217.13	214.14	213.70	211.63	200.90	448.38	624.61	626.99	156.07	1,178	28.84
1979	278.20	271.60	268.58	262.83	265.40	262.40	238.74	396.34	549.92	711.58	208.42	1,310	32.36
1980	308.41	295.32	292.32	286.27	274.37	271.26	252.74	367.53	476.28	650.16	154.17	1,146	35.66
1981	235.03	213.15	207.72	201.22	207.62	204.73	185.40	277.92	397.25	441.73	130.52	1,100	31.92
1982	182.10	172.60	167.14	155.97	162.60	159.88	145.88	278.36	346.37	419.79	106.68	916	30.18
1983	226.67	217.85	214.38	205.13	204.05	200.80	176.02	305.73	405.98	452.17	143.82	909	30.16

Notes: Int = International.
SSR = Singapore Specified Rubber.

Source: Rubber Association of Singapore
Chinese Produce Exchange
Malaysian Oil Palm Growers Council

1. Figure for 1973 refers to quarterly average selling price ex-installation and from 1974 onwards they refer to monthly average shipment price.

13.10 PRIVATE PROPERTY PRICE INDEX
(1979 = 100)

Section	All Properties	Residential					Commercial			Industrial
		Total	Bungalows	Semi-detached Bungalows	Terrace Houses	Flats/ Apartments	Total	Offices	Shop Units	Flatted Factories
Period \ Weights	10,000	6,927	1,524	903	907	3,593	2,007	744	1,263	1,066
1975	77.5	79.6	78.9	82.1	81.7	78.7	66.1	74.6	61.1	85.7
1976	82.2	83.4	79.8	84.6	91.0	82.8	76.6	85.3	71.5	84.2
1977	83.0	81.9	77.1	82.9	88.3	82.1	81.2	87.4	77.6	93.5
1978	84.3	82.5	75.2	82.6	89.5	83.9	84.2	86.7	82.8	96.1
1979	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980	163.3	167.9	166.1	161.7	155.3	173.4	154.2	186.1	135.4	151.0
1981	300.5	286.9	287.0	276.6	261.4	295.9	339.7	523.0	231.7	315.4
1982	289.0	290.0	305.1	303.1	303.8	276.8	289.9	450.4	195.4	280.3
1983	301.3	323.5	354.4	372.1	365.6	287.6	260.3	404.4	175.4	234.2

14. EDUCATION

Primary Education

Primary education for a child is free and begins at the age of six.

In the first three years of primary education, emphasis is on the learning of English and a mother tongue. This is to give pupils a strong language foundation for the learning of mathematics, science and other subjects. English is taught as a first language and the mother tongue generally as a second language. At the end of primary three, pupils will be streamed into the normal bilingual stream, the extended bilingual stream or the monolingual stream. Pupils in the normal and extended bilingual streams sit for the Primary School Leaving Examinations at the end of the sixth year and eighth year respectively. They then proceed to

secondary schools. Pupils in the monolingual stream sit for the Primary School Proficiency Examinations at the end of eight years, after which they can join the Vocational and Industrial Training Board for vocational training.

Secondary Education

At the secondary level, pupils are streamed into special, express and normal streams according to their performance in the Primary School Leaving Examinations. Again, English and mother tongues are taught as first and second languages respectively. Pupils in the special stream are allowed to study both English and Chinese as first languages if they so wish. The secondary one and two pupils in all three streams study the same number of subjects. After completing secondary

two, all pupils have the choice of taking combinations of compulsory and elective subjects depending on their interests and aptitudes. Pupils in the secondary special and express streams sit for the General Certificate of Education 'Ordinary' Level Examinations at the end of the fourth year before proceeding to the pre-university courses. Pupils in the secondary normal stream follow a modified curriculum which allows a slower pace of learning. At the end of the fourth year, they will sit for the General Certificate of Education 'Normal' Level Examinations. Those who have done well in the 'Normal' Level Examinations may proceed to sit for the General Certificate of Education 'Ordinary' Level Examinations after an extra year of study. The others may go for vocational training or take up employment.

At the pre-university levels, pupils will be streamed into a two-year course in junior colleges or three-year course in pre-university

centres. Pupils who are good in English and performed well in their General Certificate of Education 'Ordinary' Level Examinations will be streamed into the two-year course. They are also required to do well in their second language. Those who are weak in English will go through the three-year course. They have to spend a significant proportion of their curriculum time on learning the language so as to achieve a better grounding in it.

Vocational and Industrial Training Board

The Vocational and Industrial Training Board (VITB), established in April 1979, is the national authority which offers training courses in applied arts, commercial, industrial and service skills. The VITB runs 15 training institutes and offers full-time and part-time training programmes in about 70 courses at the following levels:

Diploma in Applied Arts, the Industrial Technician Certificate (ITC), the Certificate in Business Studies (Preliminary Certificate of Business Studies), the National Trade Certificate (NTC), Grades 3 and 2 and the Certificate of Competency. In addition, continuing education part-time programmes in vocational skill development, academic and language courses, aimed to provide career development opportunities for workers, either on their own or through employer sponsorship are also conducted by the VITB.

A foundation education programme for workers, known as the Basic Education for Skills Training (BEST) programme was introduced in January 1983. Workers on completing the BEST programme, which comprises 4 graded modules each in English and Mathematics, would qualify for enrolment in VITB part-time skill courses.

The VITB assists employers and employer organisations to formulate

and conduct apprenticeship training programmes which are funded by the Skills Development Fund, wherever possible. To provide workers with greater opportunities to undergo certified training, the VITB gives approved training status to companies with training centres, so that their workers undergoing training in these centres may be awarded VITB certificates upon successful completion of training.

Higher Learning

The institutions of higher learning in Singapore are the National University of Singapore, the Nanyang Technological Institute, the Singapore Polytechnic, the Ngee Ann Polytechnic and the Institute of Education.

The National University of Singapore was established on 8 August 1980 with the merger of the University of Singapore and Nanyang

University. The University offers degree courses in Arts, Social Sciences, Law, Science, Medicine, Dentistry, Pharmacy, Engineering, Architecture, Building, Estate Management, Accountancy and Business Administration. Higher degree by research and some by course work are available in all faculties and in the three postgraduate schools viz the School of Postgraduate Medical Studies, the School of Postgraduate Dental Studies and the School of Postgraduate Management Studies. Postgraduate diploma courses in Business Administration and Systems Analysis are also conducted. Higher degrees in Education which are awarded by the University, are conducted at the Institute of Education. The course leading to the University's Masters degree in Applied Linguistics is conducted at the Regional Language Centre.

The Nanyang Technological Institute was established in August

1981. The Institute offers courses in Civil and Structural Engineering, Electrical and Electronic Engineering and Mechanical and Production Engineering at the bachelor's degree level. The courses are carefully designed to give an emphasis on engineering practice, aimed at producing practice-oriented engineers to meet the demands of a restructured economy in Singapore. By special arrangements with the Senate of the National University of Singapore, all first year students attend a common course in the University's Faculty of Engineering. The Institute admitted its first batch of 582 second year students in July 1982. The present enrolment is 1,267. This number is expected to be increased to 2,000 in July 1984. The Institute aims at maintaining a staff-student ratio of 1:10. Work on the construction of a new building costing about S\$200 million is in progress. The new complex is expected to be completed by the end of 1985.

The Singapore Polytechnic conducts Technician Diploma courses for Architectural Technicians and in Civil Engineering Construction, Civil Engineering Design, Electrical Engineering, Electronics and Communication Engineering, Marine Engineering, Mechanical Engineering, Production Engineering, Building, Quantity Surveying, Land Surveying and Chemical Process Technology. In addition, there are diploma courses in Industrial Management, Maritime Studies and Nautical Studies and advanced diploma courses in Land Surveying and Plastics Technology. There are also certificate courses in Aeronautical Maintenance Engineering, Maritime Radio Communications, Industrial Management, Maritime Studies, Plastics Mould Design and Process Plant Engineering Design.

The Ngee Ann Polytechnic conducts courses at the engineering technician level leading to the Technician Diploma in Mechanical Engineering, Electrical Engineering,

Electronic Engineering, Shipbuilding and Repair Technology, Building Management and Environmental Engineering. The Polytechnic also offers a Business Studies course at the middle-management level leading to the Diploma in Business Studies and a Diploma course in Computer Studies. In addition, part-time courses are conducted in various fields like industrial management, marketing management, ship draughtsmanship, naval architecture, ship construction, welding technology, microprocessor engineering, numerical controlled and computer-aided machining, industrial automation and control, English for business and administration and basic programming.

The Institute of Education provides training for pre-primary, primary and secondary school and junior college teachers. The pre-service training includes a full-time one-year Diploma in Education for teachers who are University graduates and a two-year Certificate in Educa-

tion Programmes for teachers who are GCE 'A' Level holders. It also provides further training for practising teachers through short-term in-service courses and advanced courses leading to formal qualifications. In addition, the Institute also conducts a postgraduate studies programme to prepare teachers for the degrees of Master of Education and Doctor of Philosophy in Education awarded by the National University of Singapore. In 1984, a three-year part-time certificate in Special

Education Programme has been introduced to provide professional training to the practising teachers of special education schools.

Expenditure on Education

Education has been a major item of public expenditure and its provision has been increasing steadily. The total budgeted recurrent expenditure in the fiscal year 1983/84 was \$1,152 million.

14.1 ENROLMENT IN EDUCATIONAL INSTITUTIONS

Number

Year	Total	Primary Schools	Secondary Schools and Junior Colleges				Technical and Vocational Institutes ¹	Institutions of Higher Learning ²
			Total	Academic	Technical	Commercial		
1973	542,442	345,284	173,109	155,050	15,645	2,414	7,124	16,925
1974	536,045	337,816	174,177	154,606	16,958	2,613	6,250	17,802
1975	532,956	328,401	176,224	153,029	19,802	3,393	9,830	18,501
1976	526,602	316,265	177,992	152,713	19,951	5,328	11,751	20,594
1977	518,122	308,342	178,186	153,055	19,100	6,031	10,860	20,734
1978	510,416	300,398	179,811	154,494	18,728	6,589	9,830	20,377
1979	509,653	297,873	176,521	151,927	18,215	6,379	14,516	20,743
1980	501,977	296,608	170,316	146,769	17,064	6,483	12,542	22,511
1981	504,092	289,697	177,238	148,842	18,330	10,066	13,001	24,156
1982	507,663	289,092	176,845	147,497	18,023	11,325	14,990	26,736
1983	519,744	290,800	182,343	151,295	18,360	12,688	15,610	30,991

Note: Data refer to end-June. However, figures for Primary and Secondary Schools for 1980-1982 refer to end-December.

Source: Ministry of Education

1 Figures refer to enrolments in July at the vocational institutes run by the Industrial Training Board and from 1979, by the Vocational and Industrial Training Board.

2 Refers to National University of Singapore, Singapore Polytechnic, Ngee Ann Polytechnic and Institute of Education and from 1982 include Nanyang Technological Institute.

14.2 STUDENTS AND TEACHERS IN EDUCATIONAL INSTITUTIONS, END JUNE 1983

	Institutions	Students			Teachers		
		Total	Males	Females	Total	Males	Females
Total	473	519,744	275,163	244,581	23,903	10,490	13,413
Primary Schools	305	290,800	153,483	137,317	10,274	3,281	6,993
Secondary Schools & Junior Colleges	147	182,343	90,060	92,283	9,604	4,066	5,538
Technical & Vocational Institutes	16	15,610	12,427	3,183	1,060	822	238
Polytechnics	2	15,734	11,698	4,036	1,267	1,032	235
Institute of Education	1	1,078	225	853	174	112	62
Universities	2	14,179	7,270	6,909	1,524	1,177	347

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

Source: Ministry of Education

14.3 PRIMARY SCHOOLS, STUDENTS AND TEACHERS BY TYPE OF SCHOOL

Number

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total Schools	410	396	391	379	376	364	351	342	327	321	305
Government	196	193	193	190	199	196	193	203	200	212	207
Government-aided	208	199	194	185	174	165	156	137	125	107	96
Private	6	4	4	4	3	3	2	2	2	2	2
Total Students	345,284	337,816	328,401	316,265	308,342	300,398	297,873	296,608	289,697	289,092	290,800
Government	222,973	219,281	215,657	213,149	214,749	214,727	217,163	219,956	214,763	220,197	219,742
Government-aided	121,925	118,170	112,377	102,824	93,392	85,491	80,527	76,565	74,756	68,734	70,862
Private	386	365	367	292	201	180	183	87	178	161	196
Total Teachers¹	11,714	11,511	11,190	11,432	11,137	11,112	11,052	11,267	11,108	10,687	10,274
Government	7,664	7,510	7,344	7,684	7,699	7,857	7,687	8,080	8,386	8,532	8,132
Government-aided	4,036	3,988	3,831	3,732	3,424	3,247	3,349	3,184	2,711	2,147	2,136
Private	14	13	15	16	14	8	16	3	11	8	6

Note: Data refer to end-June except for 1980-1982 which refer to end-December.

Source: Ministry of Education

¹ Figures include all professional officers working in the Ministry of Education.

14.4 PRIMARY SCHOOL STUDENTS AND TEACHERS BY LANGUAGE MEDIUM OF SCHOOL

Number

Language Medium	Year										
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Students											
Total	345,284	337,816	328,401	316,265	308,342	300,398	297,873	296,608	289,697	289,092	290,800
Males	182,556	178,462	173,406	166,678	163,292	158,776	157,694	156,521	152,613	152,495	153,483
Females	162,728	159,354	154,995	149,587	145,050	141,622	140,179	140,087	137,084	136,597	137,317
English	229,492	232,834	234,251	234,700	237,994	241,469	248,507	250,537	251,254	255,921	273,085
Males	121,249	122,804	123,713	123,664	125,875	127,556	131,423	131,830	131,699	134,450	143,423
Females	108,243	110,030	110,538	111,036	112,119	113,913	117,084	118,707	119,555	121,471	129,662
Chinese	106,387	98,647	89,823	78,712	68,315	57,455	48,283	45,316	37,968	32,855	17,550
Males	57,587	53,156	47,939	41,845	36,539	30,547	25,754	24,317	20,664	17,884	9,976
Females	48,800	45,491	41,884	36,867	31,776	26,908	22,529	20,999	17,304	14,971	7,574
Malay	8,587	5,712	3,883	2,567	1,837	1,362	1,029	739	475	316	165
Males	3,387	2,252	1,571	1,055	798	621	489	362	250	161	84
Females	5,200	3,460	2,312	1,512	1,039	741	540	377	225	155	81
Tamil	818	623	444	286	196	112	54	16	-	-	-
Males	333	250	183	114	80	52	28	12	-	-	-
Females	485	373	261	172	116	60	26	4	-	-	-
Teachers ¹											
Total	11,714	11,511	11,190	11,432	11,137	11,112	11,052	11,267	11,108	10,687	10,274
Males	3,747	3,665	3,702	4,020	3,938	3,957	3,760	3,626	3,441	3,499	3,281
Females	7,967	7,846	7,488	7,412	7,199	7,155	7,292	7,641	7,667	7,188	6,993
English	7,442	7,416	7,413	7,723	7,935	8,207	8,256	6,815	6,951	9,110	8,897
Males	1,952	1,974	2,112	2,318	2,473	2,630	2,601	1,782	1,727	2,847	2,702
Females	5,490	5,442	5,301	5,405	5,462	5,577	5,655	5,033	5,224	6,263	6,195
Chinese	3,645	3,557	3,322	3,262	2,906	2,668	2,629	3,311	3,251	1,500	1,331
Males	1,463	1,399	1,335	1,441	1,284	1,184	1,051	1,329	1,277	602	549
Females	2,182	2,158	1,987	1,821	1,622	1,484	1,578	1,982	1,974	898	782
Malay	568	487	420	413	269	219	152	924	906	77	46
Males	312	274	240	244	169	134	99	447	437	50	30
Females	256	213	180	169	100	85	53	477	469	27	16
Tamil	59	51	35	34	27	18	15	217	-	-	-
Males	20	18	15	17	12	9	9	68	-	-	-
Females	39	33	20	17	15	9	6	149	-	-	-

Note: See note and footnote 1 to Table 14.3

Source: Ministry of Education

14.5 ENROLMENT IN PRIMARY SCHOOLS BY AGE AND LEVEL, END JUNE 1983

Number

Age As At 1.1.83	Total	Primary 1	Primary 2	Primary 3	Primary 4	Primary 5	Primary 6	Primary 7	Primary 8
Males									
Total	153,483	22,533	20,739	22,372	24,535	26,148	25,504	8,734	2,918
Under 6	13	12	1	-	-	-	-	-	-
6 & Under 7	22,320	22,315	5	-	-	-	-	-	-
7 & Under 8	20,601	158	20,431	12	-	-	-	-	-
8 & Under 9	22,162	40	236	21,877	9	-	-	-	-
9 & Under 10	24,063	2	59	364	23,626	12	-	-	-
10 & Under 11	24,613	6	6	100	642	23,852	7	-	-
11 & Under 12	23,290	-	-	14	195	1,771	20,317	991	2
12 & Under 13	8,981	-	1	5	49	416	3,470	3,904	1,136
13 & Under 14	5,227	-	-	-	14	71	1,592	2,500	1,050
14 & Under 15	2,178	-	-	-	-	23	90	1,338	727
15 & Under 16	30	-	-	-	-	2	25	1	2
16 & Over	5	-	-	-	-	1	3	-	1
Females									
Total	137,317	20,675	19,310	20,505	22,706	23,749	23,216	4,987	2,169
Under 6	10	10	-	-	-	-	-	-	-
6 & Under 7	20,530	20,525	5	-	-	-	-	-	-
7 & Under 8	19,185	114	19,062	9	-	-	-	-	-
8 & Under 9	20,382	22	196	20,151	13	-	-	-	-
9 & Under 10	22,409	2	40	276	22,081	10	-	-	-
10 & Under 11	22,917	2	7	62	471	22,356	19	-	-
11 & Under 12	21,553	-	-	7	108	1,155	19,416	865	2
12 & Under 13	6,339	-	-	-	27	192	2,601	2,433	1,086
13 & Under 14	3,040	-	-	-	5	27	1,119	1,172	717
14 & Under 15	938	-	-	-	1	9	49	516	363
15 & Under 16	11	-	-	-	-	-	9	1	1
16 & Over	3	-	-	-	-	-	3	-	-

Source: Ministry of Education

14.6 SECONDARY SCHOOLS, STUDENTS AND TEACHERS BY TYPE OF SCHOOL

Number

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total Schools	124	123	124	126	131	135	135	144	145	150	147
Government	69	69	70	72	77	79	80	89	90	94	93
Government-aided	47	48	48	48	49	51	51	51	51	52	50
Private	8	6	6	6	5	5	4	4	4	4	4
Total Students	173,109	174,177	176,224	177,992	178,186	179,811	176,521	170,316	177,238	176,845	182,343
Government	127,942	127,384	127,651	128,148	127,769	128,509	126,017	121,700	128,127	128,854	133,839
Government-aided	43,315	45,017	46,687	48,022	48,724	49,612	48,735	46,678	47,333	46,198	46,629
Private	1,852	1,776	1,886	1,822	1,693	1,690	1,769	1,938	1,778	1,793	1,875
Total Teachers ¹	7,442	7,543	7,559	7,592	7,753	7,828	8,418	8,019	8,807	9,743	9,604
Government	5,750	5,777	5,761	5,739	5,799	5,787	6,222	6,131	7,249	6,823	6,616
Government-aided	1,600	1,694	1,724	1,784	1,881	1,974	2,130	1,822	1,493	2,851	2,915
Private	92	72	74	69	73	67	66	66	65	69	73

Note: See note and footnote 1 to Table 14.3

Source: Ministry of Education

Language Medium	Year	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
	Students											
Total		173,109	174,177	176,224	177,992	178,186	179,811	176,521	170,316	177,238	175,052	182,343
Males		86,809	86,735	86,753	86,731	86,362	87,071	85,467	82,585	86,522	86,097	90,060
Females		86,300	87,442	89,471	91,261	91,824	92,740	91,054	87,731	90,716	88,955	92,283
English		114,548	115,145	116,094	117,946	119,514	123,936	130,699	129,941	144,309	147,009	164,546
Males		56,837	56,718	56,322	56,546	56,988	59,201	62,511	62,738	70,255	72,310	81,066
Females		57,711	58,427	59,772	61,400	62,526	64,735	68,188	67,203	74,054	74,699	83,480
Chinese		48,823	49,993	52,263	53,917	54,093	52,715	43,986	39,226	32,147	27,552	17,507
Males		26,622	26,924	27,820	28,315	27,995	26,920	22,373	19,483	16,005	13,606	8,884
Females		22,201	23,069	24,443	25,602	26,098	25,795	21,613	19,743	16,142	13,946	8,623
Malay		9,374	8,657	7,507	5,794	4,301	2,944	1,668	1,042	678	423	252
Males		3,201	2,920	2,441	1,736	1,272	878	526	323	217	146	82
Females		6,173	5,737	5,066	4,058	3,029	2,066	1,142	719	461	277	170
Tamil		364	382	360	335	278	216	168	107	104	68	38
Males		149	173	170	134	107	72	57	41	45	35	28
Females		215	209	190	201	171	144	111	66	59	33	10
	Teachers ¹											
Total		7,023	6,979	7,120	7,592	7,753	7,828	8,418	8,019	8,807	9,743	9,604
Males		3,557	3,462	3,515	3,977	3,954	3,871	4,105	3,521	3,910	4,146	4,066
Females		3,466	3,517	3,605	3,615	3,799	3,957	4,313	4,498	4,897	5,597	5,538
English		4,463	4,431	4,562	4,857	5,043	5,142	5,721	5,701	6,471	7,942	7,985
Males		2,049	1,998	2,042	2,309	2,329	2,311	2,572	2,327	2,727	3,293	3,288
Females		2,414	2,433	2,520	2,548	2,714	2,831	3,149	3,374	3,744	4,649	4,697
Chinese		2,131	2,133	2,170	2,334	2,343	2,354	2,406	1,910	1,943	1,708	1,546
Males		1,242	1,202	1,227	1,397	1,375	1,334	1,339	921	912	792	730
Females		889	931	943	937	968	1,020	1,067	989	1,031	916	816
Malay		409	401	375	391	357	321	276	360	379	83	73
Males		254	253	238	266	245	221	188	238	262	55	48
Females		155	148	137	125	112	100	88	122	117	28	25
Tamil		20	14	13	10	10	11	15	48	14	10	-
Males		12	9	8	5	5	5	6	35	9	6	-
Females		8	5	5	5	5	6	9	13	5	4	-

Note: See note to Table 14.3.

Source: Ministry of Education

Data for Chinese Stream pupils in 1979-1983 include those in bilingual courses.

1 Figures from 1976 include all professional officers working in the Ministry of Education.

14.8 ENROLMENT IN SECONDARY SCHOOLS BY AGE AND LEVEL, END JUNE 1983

Number

Age As At 1.1.83	Total	Secondary I	Secondary II	Secondary III	Secondary IV	Pre- University I	Pre- University II	Pre- University III	Junior College I	Junior College II
Males										
Total	90,060	19,032	19,401	22,921	19,803	1,351	838	926	2,961	2,827
Under 12	45	45	-	-	-	-	-	-	-	-
12 & Under 13	13,550	13,439	111	-	-	-	-	-	-	-
13 & Under 14	16,219	3,539	12,570	109	1	-	-	-	-	-
14 & Under 15	18,497	1,944	4,107	12,434	12	-	-	-	-	-
15 & Under 16	18,515	49	2,467	6,464	9,526	1	-	-	8	-
16 & Under 17	13,519	16	76	3,763	6,742	592	1	-	2,321	8
17 & Under 18	7,032	-	49	104	3,434	560	419	1	517	1,948
18 & Under 19	1,974	-	16	43	65	185	348	499	109	709
19 & Under 20	626	-	4	3	18	11	64	369	6	151
20 & Under 21	83	-	1	1	5	2	6	57	-	11
Females										
Total	92,283	18,705	19,297	22,835	19,942	2,086	1,331	1,505	3,549	3,033
Under 12	29	28	1	-	-	-	-	-	-	-
12 & Under 13	14,470	14,412	57	1	-	-	-	-	-	-
13 & Under 14	16,669	2,897	13,710	62	-	-	-	-	-	-
14 & Under 15	18,543	1,329	3,570	13,631	13	-	-	-	-	-
15 & Under 16	18,817	24	1,855	5,868	11,063	2	-	-	4	1
16 & Under 17	13,445	10	58	3,138	6,109	1,147	1	-	2,969	13
17 & Under 18	7,329	4	30	87	2,677	718	864	11	516	2,422
18 & Under 19	2,305	1	10	39	58	192	395	1,031	59	520
19 & Under 20	583	-	4	4	16	26	61	401	1	70
20 & Under 21	93	-	2	5	6	1	10	62	-	7

Source: Ministry of Education

14.9 ENROLMENT IN INSTITUTIONS OF HIGHER LEARNING

Number

Year	Total ¹		National University of Singapore		Singapore Polytechnic		Ngee Ann Polytechnic		Institute of Education	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1973	12,033	4,892	4,809	3,411	6,196	925	932	292	96	264
1974	12,259	5,543	4,568	3,660	6,581	1,204	1,012	326	98	353
1975	12,449	6,052	4,772	3,768	6,293	1,331	1,243	409	141	544
1976	13,626	6,968	4,871	4,004	6,950	1,537	1,536	506	269	921
1977	13,812	6,922	4,972	3,858	6,874	1,492	1,671	539	295	1,033
1978	13,248	7,129	4,997	3,762	6,248	1,466	1,750	549	253	1,352
1979	13,292	7,451	5,045	3,621	6,015	1,435	1,865	591	367	1,804
1980	14,029	8,482	5,067	4,011	6,562	1,712	2,049	782	351	1,977
1981	15,138	9,018	5,669	4,717	6,983	1,867	2,157	980	329	1,454
1982	16,998	9,738	6,061	5,687	7,713	2,033	2,507	1,153	192	808
1983	19,193	11,798	6,123	6,789	8,523	2,386	3,175	1,650	225	853

¹ Figures from 1982 include students enrolled in the Nanyang Technological Institute.

Source: Ministry of Education

14.10 MALE STUDENTS ADMITTED TO INSTITUTIONS OF HIGHER LEARNING

Number

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	4,546	4,236	4,706	4,736	4,398	4,406	4,550	5,370	5,744	6,895	7,206
National University of Singapore	1,519	1,232	1,684	1,703	1,566	1,552	1,725	1,767	1,904	2,238	1,982
Arts & Social Sciences	201	181	305	269	293	234	229	197	242	244	177
Science ¹	267	157	251	278	264	328	375	220	225	321	292
Law	68	35	70	58	51	44	36	60	63	69	96
Medicine	163	163	123	122	133	82	92	107	136	151	137
Dentistry	17	29	25	29	26	16	25	20	19	22	23
Engineering	307	247	317	353	362	381	521	644	743	959	826
Architecture & Building/Estate Management	96	77	91	88	71	80	91	143	148	115	114
Accountancy & Business Administration	394	340	499	500	366	387	356	376	328	357	311
Education	6	3	3	6	-	-	-	-	-	-	-
Applied Linguistics	-	-	-	-	-	-	-	-	-	-	6
Singapore Polytechnic	2,492	2,475	2,184	2,241	2,102	2,143	2,022	2,743	2,917	3,335	3,700
Engineering	2,113	2,083	1,774	1,800	1,784	1,848	1,810	2,316	2,320	2,745	3,017
Architecture & Building	258	250	247	266	154	170	124	332	478	414	450
Nautical	121	142	163	175	164	125	88	95	119	176	233
Ngee Ann Polytechnic	332	492	732	604	595	584	547	733	796	1,173	1,348
Institute of Education	203	37	106	188	135	127	256	127	127	149	176

¹ Figure for 1973 include Pharmacy students admitted into the School of Pharmacy, which was absorbed as a department of the Faculty of Science in 1974.

Source: National University of Singapore
Singapore Polytechnic
Ngee Ann Polytechnic
Institute of Education

14.11 FEMALE STUDENTS ADMITTED TO INSTITUTIONS OF HIGHER LEARNING

Number

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	1,861	2,047	2,257	2,685	2,298	2,366	2,875	3,457	3,303	4,246	4,948
National University of Singapore	1,177	1,243	1,256	1,376	1,154	1,034	1,173	1,594	1,745	2,085	2,544
Arts & Social Sciences	423	444	471	453	367	366	430	499	521	680	792
Science ¹	223	125	167	283	264	250	258	402	442	469	530
Law	74	88	81	59	48	40	61	62	72	94	103
Medicine	61	76	78	77	70	57	49	66	38	59	77
Dentistry	20	13	21	16	18	19	11	18	19	15	14
Engineering	27	18	28	19	55	45	27	50	74	81	136
Architecture & Building/Estate Management	29	44	34	34	70	31	37	63	72	106	126
Accountancy & Business Administration	319	435	376	434	262	226	300	434	507	581	759
Education	1	-	-	1	-	-	-	-	-	-	-
Applied Linguistics	-	-	-	-	-	-	-	-	-	-	7
Singapore Polytechnic	422	451	391	541	457	442	505	736	774	859	997
Engineering	309	344	253	421	365	369	426	531	474	553	625
Architecture & Building	113	107	138	120	92	73	79	205	300	302	343
Nautical	-	-	-	-	-	-	-	-	-	4	29
Ngee Ann Polytechnic	133	157	228	191	170	148	265	379	358	561	904
Institute of Education	129	196	382	577	517	742	932	748	426	741	503

Note: See footnote 1 to Table 14.10.

Source: National University of Singapore
Singapore Polytechnic
Ngee Ann Polytechnic
Institute of Education

14.12 MALE GRADUATES FROM INSTITUTIONS OF HIGHER LEARNING

Number

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	2,620	3,223	3,564	2,957	3,520	4,029	4,091	3,617	3,561	3,890	4,234
National University of Singapore	1,198	1,236	1,344	1,303	1,200	1,335	1,477	1,464	1,252	1,408	1,546
Arts & Social Sciences	221	171	235	230	219	278	312	311	230	209	227
Science ¹	296	231	268	263	169	174	256	274	203	297	271
Law	53	46	43	47	48	30	57	43	43	36	31
Medicine	118	123	90	97	105	118	78	101	106	117	115
Dentistry	30	23	30	17	24	28	16	15	18	13	33
Engineering	111	279	222	223	267	250	271	290	326	364	485
Architecture & Building/Estate Management	53	44	45	62	49	58	78	77	51	91	112
Accountancy & Business Administration	316	319	410	364	319	398	409	352	272	280	272
Education	-	-	1	-	-	1	-	1	2	1	-
Applied Linguistics	-	-	-	-	-	-	-	-	1	-	-
Singapore Polytechnic	1,166	1,695	1,905	1,383	1,868	2,012	2,014	1,590	1,594	1,838	1,965
Engineering	1,012	1,491	1,652	1,063	1,564	1,693	1,687	1,390	1,412	1,536	1,598
Architecture & Building	84	125	144	191	171	181	230	179	157	274	262
Nautical	70	79	109	129	133	138	97	21	25	28	105
Ngee Ann Polytechnic	147	259	264	222	332	528	492	452	493	492	585
Engineering	123	218	199	158	258	411	404	394	447	421	483
Business Studies	24	41	65	64	74	117	88	58	46	71	102
Institute of Education	109	33	51	49	120	154	108	111	222	152	138

¹ Includes Pharmacy.

Source: National University of Singapore
Singapore Polytechnic
Ngee Ann Polytechnic
Institute of Education

14.13 FEMALE GRADUATES FROM INSTITUTIONS OF HIGHER LEARNING

Number

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	1,499	1,324	1,625	1,692	2,181	2,000	2,485	2,059	2,964	2,815	2,893
National University of Singapore	908	946	1,036	1,105	1,157	1,087	1,286	1,139	1,093	1,173	1,535
Arts & Social Sciences	400	421	429	441	483	463	477	417	393	419	544
Science ¹	206	207	198	227	166	154	248	265	264	287	394
Law	35	36	39	61	68	79	73	56	43	37	49
Medicine	29	24	48	50	50	48	50	58	61	62	58
Dentistry	13	9	11	22	15	20	18	18	18	17	17
Engineering	4	10	14	18	23	9	25	19	54	49	28
Architecture & Building/Estate Management	5	6	11	11	23	23	21	40	65	38	49
Accountancy & Business Administration	216	233	285	275	329	290	374	264	191	261	394
Education	-	-	1	-	-	1	-	1	-	-	-
Applied Linguistics	-	-	-	-	-	-	-	1	4	3	2
Singapore Polytechnic	144	176	318	288	464	375	478	379	469	586	561
Engineering	93	113	210	175	336	235	317	261	317	355	325
Architecture & Building	51	63	108	113	128	140	161	118	152	231	233
Nautical	-	-	-	-	-	-	-	-	-	-	3
Ngee Ann Polytechnic	63	63	94	90	105	188	171	128	102	259	343
Engineering	14	13	15	14	18	44	55	51	28	105	141
Business Studies	49	50	79	76	87	144	116	77	74	154	202
Institute of Education	384	139	177	209	455	350	550	413	1,300	797	454

Note: See footnote 1 to Table 14.12.

Source: National University of Singapore
Singapore Polytechnic
Ngee Ann Polytechnic
Institute of Education

14.14 STUDENTS ADMITTED TO VOCATIONAL AND INDUSTRIAL TRAINING INSTITUTES

Number

Course Level	1979			1980			1981			1982			1983		
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females
Total	8,705	7,854	851	9,520	8,020	1,500	11,948	10,335	1,613	16,423	14,601	1,822	18,724	15,887	2,837
Full-time	7,116	6,377	739	6,895	5,567	1,328	7,154	5,854	1,300	8,623	7,287	1,336	8,625	6,640	1,985
Part-time	1,589	1,477	112	2,625	2,453	172	4,794	4,481	313	7,800	7,314	486	10,099	9,247	852
Diploma Certificate	-	-	-	43	16	27	41	15	26	61	26	35	67	23	44
Full-time	-	-	-	43	16	27	41	15	26	61	26	35	67	23	44
Industrial Technician Certificate	1,187	1,024	163	1,603	1,426	177	980	865	115	1,050	951	99	879	797	82
Full-time	1,049	909	140	1,541	1,373	168	934	834	100	890	801	89	799	721	78
Part-time	138	115	23	62	53	9	46	31	15	160	150	10	80	76	4
National Trade Certificate (Grade 2)	473	407	66	594	543	51	1,920	1,738	182	3,959	3,696	263	4,960	4,771	189
Full-time	-	-	-	125	118	7	441	386	55	661	562	99	545	506	39
Part-time	473	407	66	469	425	44	1,479	1,352	127	3,298	3,134	164	4,415	4,265	150
National Trade Certificate (Grade 3)	6,749	6,151	598	6,139	5,515	624	7,698	7,002	696	8,936	8,155	781	9,585	8,309	1,276
Full-time	5,771	5,196	575	4,153	3,604	549	4,589	4,015	574	4,913	4,391	522	4,423	3,795	628
Part-time	978	955	23	1,986	1,911	75	3,109	2,987	122	4,023	3,764	259	5,162	4,514	648
Artisan Certificate/Certificate of Competency	296	272	24	386	339	47	548	498	50	1,674	1,618	56	1,870	1,820	50
Full-time	296	272	24	278	275	3	388	387	1	1,355	1,352	3	1,428	1,428	-
Part-time	-	-	-	108	64	44	160	111	49	319	266	53	442	392	50
Certificate in Business Studies	-	-	-	-	-	-	390	98	292	407	99	308	462	75	387
Full-time	-	-	-	-	-	-	390	98	292	407	99	308	462	75	387
Preliminary Certificate in Business Studies	-	-	-	-	-	-	371	119	252	336	56	280	901	92	809
Full-time	-	-	-	-	-	-	371	119	252	336	56	280	901	92	809
Other Commercial Courses	-	-	-	755	181	574	-	-	-	-	-	-	-	-	-
Full-time	-	-	-	755	181	574	-	-	-	-	-	-	-	-	-

Note: Figures exclude full-time ad hoc courses as well as part-time courses in languages, academic, commercial and non-examination courses. Data on part-time courses cover only the Industrial Skill Development courses conducted by the former Industrial Training Board (ITB) and the VITB.

Source: Vocational and Industrial Training Board

14.15 STUDENTS COMPLETED COURSES AT VOCATIONAL AND INDUSTRIAL TRAINING INSTITUTES

Number

Course Level	1979			1980			1981			1982			1983		
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females
Total	5,972	5,378	594	10,612	7,568	3,044	11,016	9,427	1,589	14,593	12,967	1,626	16,264	14,547	1,717
Full-time	5,101	4,555	546	7,677	4,752	2,925	5,817	4,535	1,282	6,649	5,544	1,105	6,563	5,658	905
Part-time	871	823	48	2,935	2,816	119	5,199	4,892	307	7,944	7,423	521	9,701	8,889	812
Diploma	-	-	-	-	-	-	-	-	-	-	-	-	37	13	24
Full-time	-	-	-	-	-	-	-	-	-	-	-	-	37	13	24
Industrial Technician Certificate	966	841	125	1,065	937	128	1,014	884	130	858	743	115	748	668	80
Full-time	883	762	121	970	848	122	985	858	127	811	705	106	716	640	76
Part-time	83	79	4	95	89	6	29	26	3	47	38	9	32	28	4
National Trade Certificate (Grade 2)	276	241	35	549	493	56	1,793	1,635	158	3,839	3,603	236	4,631	4,420	211
Full-time	-	-	-	14	14	-	225	188	37	484	443	41	249	221	28
Part-time	276	241	35	535	479	56	1,568	1,447	121	3,355	3,160	195	4,382	4,199	183
National Trade Certificate (Grade 3)	4,427	3,995	432	6,135	5,587	548	6,866	6,394	472	7,895	7,111	784	8,464	7,497	967
Full-time	3,915	3,492	423	3,830	3,339	491	3,394	3,065	329	3,629	3,112	517	3,723	3,285	438
Part-time	512	503	9	2,305	2,248	57	3,472	3,329	143	4,266	3,999	267	4,741	4,212	529
Artisan Certificate/Certificate of Competency	303	301	2	413	408	5	435	379	56	1,420	1,367	53	1,941	1,845	96
Full-time	303	301	2	413	408	5	305	289	16	1,144	1,141	3	1,395	1,395	-
Part-time	-	-	-	-	-	-	130	90	40	276	226	50	546	450	96
Preliminary Certificate in Business Studies	-	-	-	-	-	-	488	28	460	296	44	252	311	77	234
Full-time	-	-	-	-	-	-	488	28	460	296	44	252	311	77	234
Other Commercial Courses	-	-	-	2,450	143	2,307	420	107	313	285	99	186	132	27	105
Full-time	-	-	-	2,450	143	2,307	420	107	313	285	99	186	132	27	105

Note: See note to Table 14.14.

Source: Vocational and Industrial Training Board

14.16 GOVERNMENT EXPENDITURE ON EDUCATION

Thousand Dollars

	1973/74	1974/75	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84 ⁵
Total	264,877	334,462	391,264	405,872	415,823	459,105	556,419	686,379	984,568	1,358,429	1,720,411
Recurrent Expenditure	255,090	308,005	339,870	361,222	381,368	426,354	505,207	587,469	749,496	983,750	1,152,444
Primary Schools	95,175	119,000	129,351	133,386	139,734	156,499	186,266	210,143	252,054	337,339	370,163
Secondary Schools & Junior Colleges	62,280	80,004	88,900	95,146	103,200	119,794	181,545	211,841	273,344	323,163	384,346
Vocational & Industrial Training Board ¹	32,782	40,188	43,243	43,275	46,034	47,923	22,190	29,694	39,140	47,401	61,177
Tertiary	40,134	50,375	59,865	70,387	71,649	78,867	90,186	109,649	147,321	224,936	275,034
National University of Singapore ²	30,026	36,630	41,048	43,563	42,568	48,570	58,185	74,557	100,141	156,434	187,496
Institute of Education	3,593	5,785	6,487	9,113	11,043	10,257	7,831	11,089	12,300	13,626	17,260
Polytechnics ³	6,515	7,960	12,330	17,711	18,038	20,040	24,170	24,003	34,880	54,876	70,278
Adult Education	1,810	1,974	2,384	1,896	2,021	2,106	2,810	-	-	-	-
Others ⁴	22,909	16,464	16,127	17,132	18,730	21,165	22,210	26,142	37,637	50,911	61,724
Development Expenditure	9,787	26,457	51,394	44,650	34,455	32,751	51,212	98,910	235,072	374,679	567,967

¹ Expenditure for 1980/81 was included under Ministry of Science and Technology.

Source: Ministry of Education

² From 1981/82 figures include expenditure of Nanyang Technological Institute.

³ Refer to S'pore Polytechnic & Ngee Ann Polytechnic. Figures for Ngee Ann Polytechnic were classified under others prior to 1975/76 and covered by the Ministry of Science and Technology during 1979/80 and 1980/81.

⁴ Includes Curriculum Development Institute of Singapore and Extra Curricular Activities Centre. Institute of Southeast Asia and HQ Expenditure are included from 1975/76.

⁵ Based on Budget estimates.

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, the Singapore Family Planning and Population Board provides family planning advice and facilities.

The Ministry of Health is providing four main services, namely, Primary Health Care Services, Hospital Services, Other Medical and Supporting Services, and Dental Services to the general public.

Primary Health Care Services

The Primary Health Care Services which include Outpatient,

Maternal and Child Health and School Health Services are provided at 26 outpatient dispensaries and 29 maternal and child health clinics. The outpatient dispensaries offer general curative treatment while maternal and child health clinics concentrate on preventive health care for women of child-bearing age and pre-school children, implementing family planning programmes and immunization programmes for pre-school children. Health screening and immunization for school children is undertaken by School Health Services.

Hospital Services

There are 11 Government hospitals of which 5 are general hospitals providing accident and emergency services and multi-disciplinary treatment, and 6 specialist hospitals providing specialist treatment

in obstetrics and gynaecology, psychiatry, skin and infectious diseases. In addition, there are 12 private hospitals catering for the medical needs of the people.

Other Medical and Supporting Services

These are provided by the Radiology and Radiotherapy Department, Pathology Department, Blood Transfusion Service, Rehabilitation Services (including physiotherapy, occupational therapy and speech therapy), Medical Social Services and Pharmaceutical Services.

Dental Services

The Dental Services provide curative and preventive dental treatment at 160 dental clinics located at various hospitals, outpatient/maternal and child health clinics and schools.

Medical Personnel

Data on medical personnel refer to the number of doctors, dentists, pharmacists, nurses and mid-wives registered under the respective Acts, namely, The Medical Registration Act, the Registration of Dentists Act, the Registration of Pharmacists Act, the Nurses Registration Act and the Mid-Wives Act.

Family Planning

The Singapore Family Planning and Population Board (SFPPB) was established in January 1966. The Board is responsible for matters pertaining to family planning and the implementation of the Government's National Family Planning and Population Programme.

The Board provides facilities for the full range of family planning methods comprising oral contraceptive pill, condom, intra-uterine

contraceptive device (IUD), hormonal injection (Depoprovera), diaphragm and spermicide through a comprehen-

sive network of 30 Maternal and Child Health/Family Planning Clinics.

15.1 HOSPITALS, GOVERNMENT CLINICS AND DISPENSARIES

Number

Year	Hospitals		Government Dental Clinics ¹	Government Outpatient Dispensaries	Maternal and Child Health Clinics
	Government	Private			
1973	13	7	95	26	46
1974	14	7	102	26	45
1975	14	8	102	26	39
1976	13	8	117	27	35
1977	13	8	124	28	34
1978	13	10	134	26	32
1979	13	12	132	27	30
1980	13	13	133	27	29
1981	13	13	133	26	29
1982	13	13	137	26	29
1983	11	12	160	26	29

¹ Include dental clinics in schools

Source: Ministry of Health

15.2 REGISTERED MEDICAL PERSONNEL

Number

Year	Doctors		Dentists		Pharmacists		Nurses ¹		Midwives ¹	
	Government	Private	Government	Private	Government	Private	Government	Private	Government	Private
1973	706	859	130	295	60	231	3,488	1,943	1,696	621
1974	774	812	131	291	60	277	3,892	1,859	1,833	600
1975	775	847	130	289	61	227	4,103	1,664	1,863	606
1976	740	965	131	302	60	238	4,393	1,567	1,770	770
1977	752	1,095	133	331	64	254	4,904	1,910	1,949	703
1978	826	1,035	154	322	60	270	5,174	1,895	1,970	755
1979	806	1,045	157	337	62	289	5,063	2,342	1,803	928
1980	855	1,121	161	324	58	310	4,836	2,709	1,758	1,008
1981	914	1,177	166	335	58	300	4,729	2,511	1,701	990
1982	1,001	1,224	180	350	59	314	4,825	2,709	1,638	1,035
1983	1,047	1,314	174	381	58	329	4,851	2,863	1,496	1,025

1 Include midwives who are registered nurses and vice versa.

Source: Ministry of Health

15.3 GOVERNMENT HOSPITAL BEDS

Number

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	8,031	7,872	8,005	8,609	8,574	8,493	8,485	8,078	8,365	8,246	8,222
General Hospitals											
Alexandra Hospital	380	372	438	479	479	483	503	503	503	545	545
Changi Hospital	-	36	36	180	180	180	180	202	202	202	203
Sembawang Hospital	64	64	64	64	64	64	64	64	64	62	-
Singapore General Hospital	1,521	1,521	1,521	1,521	1,521	1,521	1,459	1,397	1,651	1,500	1,593
Tan Tock Seng Hospital	1,303	1,303	1,369	1,369	1,358	1,311	1,345	1,335	1,337	1,324	1,274
Toa Payoh Hospital	384	384	388	410	410	412	412	412	418	410	410
Specialised Hospitals											
Kandang Kerbau Hospital ¹	560	560	560	751	727	687	687	687	687	687	681
St Andrew's Hospital	120	120	120	120	120	120	120	80	80	80	80
Middleton Hospital	272	272	272	272	272	272	272	272	272	272	272
Middle Road Hospital	51	47	44	-	-	-	-	-	-	-	-
Woodbridge Hospital ²	3,376	3,193	3,193	3,193	3,193	3,193	3,193	2,876	2,901	2,914	2,914
View Road Hospital	-	-	-	250	250	250	250	250	250	250	250

¹ Figures prior to 1976 exclude neonatal beds.

Source: Ministry of Health

² Includes Trafalgar Unit, Mental Defective Unit and Chronic Sick Unit

15.4 PRIVATE HOSPITAL BEDS

Number

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	989	1,040	1,100	1,100	1,097	1,090	1,261	1,501	1,534	1,576	1,585
Gleneagles Hospital	80	80	76	76	76	76	122	122	121	122	127
Jurong Hospital	44	60	62	62	62	62	62	62	40	40	40
Mt Alvernia Hospital	300	300	272	272	272	292	325	317	312	304	304
The American Hospital of Singapore ¹	-	20	45	45	45	45	45	21	21	89	89
Youngberg Hospital	67	82	82	82	79	79	79	74	68	70	70
St Andrew's Mission Hospital ²	80	80	80	80	80	50	50	50	50	50	-
Singapore Nursing Home	18	18	20	20	20	19	20	30	30	45	45
Kwong Wai Shiu Hospital	400	400	425	425	425	425	425	425	425	425	425
Shenton Nursing Home	-	-	-	-	-	-	13	15	15	15	18
Thomson Medical Centre	-	-	-	-	-	-	76	77	96	96	96
Mt Elizabeth Hospital	-	-	-	-	-	-	-	264	322	282	337
Eye Clinic	-	-	22	22	22	22	22	22	12	20	20
Gental Nursing & Health Centre	-	-	16	16	16	20	22	22	22	18	14

1 Known as St Mark's Hospital prior to 1983

Source: Ministry of Health

2 Services were discontinued after 22 April 1982.

15.5 ADMISSIONS IN GOVERNMENT HOSPITALS

Number

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	159,971	156,760	164,205	184,146	190,332	209,130	234,328	234,502	230,330	233,683	226,991
Alexandra Hospital	11,666	13,897	20,159	23,983	24,095	28,339	33,089	34,841	33,056	32,459	31,553
Changi Hospital	-	-	71	597	1,853	2,520	3,157	4,113	5,289	3,888	4,343
Sembawang Hospital ¹	775	989	1,115	1,090	874	745	994	1,076	1,078	1,058	119
Singapore General Hospital	63,709	58,306	53,956	53,515	54,444	53,036	60,208	58,637	54,655	60,552	60,685
Tan Tock Seng Hospital	9,271	9,558	13,019	15,014	19,490	28,590	37,789	37,680	35,961	36,671	39,915
Toa Payoh Hospital	22,226	21,635	21,819	25,193	25,245	26,740	30,414	31,937	31,852	29,280	29,410
Kandang Kerbau Hospital	45,244	43,391	40,028	54,052	49,879	53,451	55,236	53,437	53,904	54,280	48,072
St Andrew's Hospital	333	301	226	251	219	265	180	192	152	104	122
Middle Road Hospital	655	666	627	-	-	-	-	-	-	-	-
Middleton Hospital	3,118	4,953	9,974	6,591	9,619	10,634	7,965	6,748	8,657	10,140	7,382
Woodbridge Hospital ²	2,974	3,064	3,124	3,706	4,542	4,757	5,243	5,738	5,598	5,177	5,335
View Road Hospital	-	-	87	154	72	53	53	103	128	74	55

¹ Closed with effect from 31 March 1983.

Source: Ministry of Health

² See note 2 to Table 15.3

15.6 VISITS TO OUTPATIENT DISPENSARIES

Number

Year	Total	Outpatient Dispensaries	Sunday/Holiday Clinics	Island Dispensaries	Mobile Dispensaries ¹	Institutional Dispensaries
1973	2,363,451	2,192,977	22,067	11,812	8,955	127,640
1974	2,204,809	2,033,327	19,652	6,129	9,140	136,561
1975	2,473,891	2,291,578	21,928	7,703	12,112	140,570
1976	2,489,596	2,284,118	22,420	5,849	12,415	164,794
1977	2,748,869	2,555,489	23,083	4,610	7,868	157,819
1978	2,922,263	2,700,463	25,192	3,658	-	192,950
1979	2,907,204	2,799,451	23,809	2,989	-	80,955
1980	2,917,554	2,843,192	24,398	2,322	-	47,642
1981	2,833,394	2,756,642	22,880	2,792	-	51,080
1982	2,928,976	2,879,549	21,161	2,653	-	25,613
1983	2,662,370	2,618,141	19,871	1,801	-	22,557

¹ Closed with effect from 31 December 1977.

Source: Ministry of Health

15.7 VISITS TO GOVERNMENT DENTAL CLINICS

				Number
Year	Total	School	Hospital	Outpatient Clinic
1973	650,509	465,435	127,456	57,618
1974	698,114	473,233	139,460	85,421
1975	757,026	485,076	164,431	107,519
1976	786,921	487,766	174,435	124,720
1977	900,127	551,787	178,014	170,326
1978	907,450	534,476	178,695	194,279
1979	1,045,226	516,572	198,186	330,468
1980	1,098,054	539,459	201,638	356,957
1981	1,080,982	494,446	201,888	384,648
1982	1,139,698	520,969	194,589	424,140
1983	1,175,300	638,307	165,355	371,638

Source: Ministry of Health

15.8 MATERNITY SERVICES

Number

Year	Maternal and Child Health Clinics			Government Hospitals	
	Ante-natal and Post-natal Attendances	Home Deliveries	Home Visit to Puerperal Mothers by Nurses and Midwives	Ante-natal and Post-natal Attendances	Deliveries
1973	151,647	47	215,596	..	39,968
1974	107,915	33	183,565	157,556	35,301
1975	99,687	13	173,217	146,540	33,362
1976	103,240	10	168,957	150,730	36,309
1977	97,114	9	112,307	141,435	32,540
1978	103,572	7	122,047	152,700	33,253
1979	106,873	3	127,822	162,375	34,362
1980	107,099	6	123,680	152,204	33,957
1981	98,219	3	112,901	159,965	33,899
1982	88,733	-	111,061	164,986	33,418
1983	75,415	-	102,216	156,872	30,663

Source: Ministry of Health

15.9 NOTIFICATIONS OF SPECIFIC NOTIFIABLE DISEASES

Year	Cholera	Dengue/ DHF ¹	Diphtheria	Enteric Fever ²	Leprosy	Malaria	Polio- myelitis	Tuber- culosis	Number	
									Viral Hepatitis ³	Viral Encephalitis ³
1973	1	1,255	5	154	96	347	1	3,037	-	-
1974	8	229	4	301	122	417	-	3,451	-	-
1975	10	59	-	513	93	443	-	3,097	-	-
1976	-	30	-	141	102	251	1	2,813	-	-
1977	11	92	1	216	90	184	2	2,760	-	-
1978	83	384	-	174	71	166	1	2,964	393	30
1979	10	156	-	208	96	208	1	2,800	392	24
1980	18	253	-	255	66	200	-	2,710	1,001	36
1981	34	136	-	209	64	261	-	2,425	425	27
1982	31	216	6	174	61	282	1	2,179	426	15
1983	14	205	4	137	69	219	2	2,065	626	16

Note: No case of plague, smallpox and yellow fever was reported during the period.

Source: Ministry of Health

1 Dengue/Dengue Haemorrhagic Fever was made a notifiable disease from August 1977. However, it was administratively notifiable within government institutions since October 1966.

2 Typhoid and Paratyphoid.

3 Viral Hepatitis and Viral Encephalitis were made notifiable diseases from August 1977. However, data is only available from 1978.

15.10 VACCINATION AND IMMUNIZATION OF PRE-SCHOOL CHILDREN

Thousand Doses

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
BCG Vaccination	44.2	39.3	36.1	38.2	34.2	34.6	35.3	35.0	35.2	34.1	31.4
Smallpox Vaccination	39.6	37.5	35.1	36.3	33.0	31.6	32.4	31.5	10.6	0.7	-
Diphtheria Immunization											
Diphtheria Tetanus											
1st Dose	5.5	5.0	4.0	3.0	2.2	2.0	1.8	1.7	1.4	1.5	1.3
2nd Dose	5.1	5.0	4.0	3.0	2.1	2.1	1.8	1.9	1.6	1.8	1.6
Boosters	47.2	54.5	47.4	20.4	14.5	14.2	11.9	10.8	10.0	9.5	9.7
Triple Antigen											
1st Dose	41.1	36.5	32.5	33.2	32.8	30.0	31.1	29.8	31.6	30.1	28.9
2nd Dose	39.0	35.5	31.7	31.4	31.7	28.4	29.5	28.3	30.0	28.3	27.6
3rd Dose	38.6	36.1	31.3	30.2	31.3	27.8	28.5	27.6	29.0	27.3	26.6
Boosters	15.3	7.2	8.8	20.9	19.8	21.4	20.2	20.2	19.6	20.2	20.1
Poliomyelitis Immunization											
1st Dose	45.8	40.7	35.8	35.6	34.5	31.6	32.5	31.2	32.8	31.0	29.9
2nd Dose	43.7	40.5	36.1	34.2	33.8	30.5	31.3	30.1	31.7	29.9	29.3
3rd Dose	44.0	41.6	35.8	33.6	34.0	30.2	30.8	30.0	31.3	29.9	29.5
Boosters	62.2	62.1	63.9	67.3	59.4	62.7	58.4	55.7	54.4	34.8	29.7
Measles	-	-	-	3.4	10.3	9.2	10.0	18.0	22.2	30.0	33.1

Source: Ministry of Health

15.11 VACCINATION AND IMMUNIZATION OF SCHOOL CHILDREN

Thousand Doses

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
BCG Vaccination	21.4	31.1	31.4	31.1	26.0	30.6	29.4	27.4	28.8	44.5	35.2
Smallpox Revaccination	46.4	44.3	41.8	37.4	43.5	40.0	43.5	42.9	11.4	-	-
Diphtheria Tetanus											
1st Dose	1.8	1.2	1.0	0.6	0.9	0.4	0.4	0.5	0.4	0.2	0.2
2nd Dose	1.6	1.2	0.9	0.5	0.8	0.4	0.4	0.4	0.4	0.3	0.3
Boosters	23.3	21.1	19.6	119.3	99.6	118.0	120.4	111.8	109.7	97.4	84.2
Poliomyelitis Immunization											
1st Dose	38.2	35.3	29.0	1.1	1.2	0.5	0.5	0.5	0.4	0.2	0.2
2nd Dose	38.9	36.7	33.2	1.1	1.3	0.6	0.5	0.4	0.4	0.3	0.2
3rd Dose	-	-	-	0.5	1.4	0.7	0.6	0.6	0.5	0.3	0.3
Boosters	-	-	-	125.8	98.7	102.6	104.5	97.7	101.7	90.6	83.5
Rubella	-	-	-	9.8	20.1	20.9	36.3	26.9	17.7	51.2	44.6

Source: Ministry of Health

15.12 STUDENT MEDICAL CHECK-UP

Thousand

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	180.6	217.8	184.6	220.3	205.4	214.2	214.7	218.5	225.3	204.0	185.0
By Category:											
New Entrants	41.0	45.8	41.3	41.6	43.6	44.4	46.5	45.8	41.9	39.4	42.7
Primary School Leavers	48.0	54.4	49.8	51.8	39.2	44.0	42.9	40.3	37.2	55.7	48.3
Secondary School Leavers	24.3	30.8	17.0	36.9	17.1	18.0	17.8	15.2	15.0	15.6	17.2
Re-examination	48.0	66.8	73.5	85.5	103.0	106.9	106.3	115.1	130.2	92.6	74.5
Others	19.3	20.0	3.0	4.5	2.5	0.9	1.2	2.0	1.0	0.7	2.3
By Sex:											
Males	76.2	106.0	84.6	109.8	96.3	100.3	98.8	101.9	106.1	95.9	86.3
Females	104.4	111.8	100.0	110.5	109.1	113.9	115.9	116.6	119.2	108.1	98.7

Source: Ministry of Health

15.13 RESULTS OF STUDENT MEDICAL CHECK-UP

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Per 10,000 Males Examined											
Incidence of:											
Dental Caries	1,953	1,661	1,623	1,566	1,741	1,421	1,286	1,109	968	716	766
Skin Infection	306	253	218	332	81	129	253	282	275	284	292
Eyes: Infection	5	2	7	3	2	33	73	114	101	94	111
Defective Vision	1,766	2,844	3,295	2,722	2,382	2,476	2,885	2,939	3,114	3,161	2,690
ENT : Deafness	2	2	4	1	2	9	7	12	22	37	23
Ear Infections	12	7	6	3	2	27	73	3	-	-	1
Cardiac Disease	69	52	86	92	141	206	202	191	240	165	162
Respiratory Infection	9	24	7	11	1	6	7	8	39	12	16
Genito - Urinary	557	590	572	280	442	717	606	786	741	530	508
Anaemia (Under 60% Haemoglobin)	5	7	2	1	1	2	3	2	5	2	2
Worm Infestation	6	39	6	1	2	1	4	-	2	6	4
Others ¹	102	173	220	103	193	141	110	110	144	151	175
Per 10,000 Females Examined											
Incidence of:											
Dental Caries	1,687	1,300	1,093	1,175	1,199	892	912	938	636	697	627
Skin Infection	424	189	313	279	231	237	358	295	341	401	440
Eyes: Infection	9	3	6	1	1	15	107	23	27	27	27
Defective Vision	2,111	3,080	4,064	3,257	3,439	3,433	3,851	3,779	4,158	3,558	3,747
ENT : Deafness	1	2	3	2	1	8	8	12	13	22	17
Ear Infections	11	6	3	3	1	64	107	1	-	-	1
Cardiac Disease	62	53	50	90	86	206	198	231	190	185	363
Respiratory Infection	52	37	8	18	2	6	5	6	60	9	11
Genito - Urinary	67	36	31	14	18	22	4	5	3	12	9
Anaemia (Under 60% Haemoglobin)	6	4	3	1	3	2	2	2	2	1	1
Worm Infestation	132	56	8	6	8	6	2	-	1	8	1
Others ¹	71	128	216	137	187	107	97	124	210	341	566

¹ Include postural defects, cleft palate, musculo skeletal deformities and mental disorders.

Source: Ministry of Health

15.14 FAMILY PLANNING

Number

Year	Visits to Government Family Planning Clinics							Sterilization		
	Total	First Visit			Re-visits			Total	Female Sterilization	Vasectomy
		Contraceptive Pill	Condom	Others	Contraceptive Pill	Condom	Others			
1973	404,504	10,739	7,884	479	287,330	80,219	17,853	9,338	8,964	374
1974	391,237	10,700	7,245	347	274,627	82,198	16,120	9,567	9,241	326
1975	376,525	9,388	7,023	281	259,048	84,541	16,244	9,948	9,495	453
1976	361,385	8,952	8,477	245	236,676	90,128	16,907	10,718	10,310	408
1977	339,965	7,503	8,354	301	212,152	94,598	17,057	8,587	8,236	351
1978	308,769	6,229	8,730	233	186,829	90,010	16,738	7,787	7,447	340
1979	283,954	5,779	9,180	307	164,827	88,032	15,829	7,263	6,768	495
1980	269,294	5,539	9,166	304	152,557	85,740	15,988	6,945	6,487	458
1981	250,075	5,068	9,165	301	136,611	83,420	15,510	6,798	6,312	486
1982	235,709	4,873	9,418	360	123,600	82,932	14,526	6,505	6,011	494
1983	223,807	4,509	8,828	404	115,758	79,931	14,377	6,028	5,571	457

Source: Singapore Family Planning & Population Board

15.15 BLOOD DONATIONS AND TRANSFUSIONS

Year	Donors	Blood Donations	Transfusions Given							
			Total	Singapore General Hospital	Tan Tock Seng Hospital	Alexandra Hospital	Toa Payoh Hospital	Kandang Kerbau Hospital	Other Government Hospitals	Private Hospitals
	Persons		Number of Units ¹							
1973	30,909	43,832	40,432	20,982	2,654	2,099	5,943	7,313	105	1,336
1974	36,982	46,375	40,632	20,296	3,409	2,277	5,576	7,556	163	1,355
1975	31,457	44,010	40,354	18,141	5,396	3,066	6,011	5,561	254	1,925
1976	32,784	45,615	39,747	15,648	5,798	3,894	6,142	5,553	159	2,553
1977	33,948	48,390	44,261	17,428	7,427	3,522	6,573	6,231	458	2,622
1978	40,349	56,670	44,969	16,290	9,744	4,225	6,566	5,623	417	2,104
1979	35,384	51,897	45,261	16,937	11,030	4,626	5,333	4,787	475	2,073
1980	36,276	53,813	46,729	16,637	11,004	4,762	5,113	4,409	623	4,181
1981	36,526	55,038	49,059	18,006	10,585	5,369	4,817	4,270	1,024	4,988
1982	39,448	59,711	53,408	20,789	10,421	5,930	5,489	4,557	756	5,466
1983	38,808	59,474	52,507	19,728	10,378	5,538	4,954	5,432	839	5,638

¹ Volume of one unit of blood is approximately 430 ml.

Source: Ministry of Health

16. CULTURE AND RECREATION

Radio and Television

The Singapore Broadcasting Corporation (SBC) was established on 1 February 1980 to take over the Broadcasting Department's function of providing radio and television services. Educational and entertainment programmes as well as other types of information are transmitted in the four official languages, namely, Malay, Chinese, Tamil and English. Commercial broadcasting is also incorporated.

SBC operates five radio services - one for each official language and a fifth, the bilingual English/Mandarin FM stereo service. The English and Chinese services have been put on stereo with effect from 1 January 1982. For the Malay and Indian services, the number of hours devoted to stereo programmes have been increased in phases.

Broadcasts in each language service are carried simultaneously on medium wave and FM, as well as on shortwave for overseas listeners.

Television was introduced in Singapore on a single channel on 15 February 1963, followed by a second channel on 23 November, 1963. Recently, a third channel was inaugurated on 31 January 1984. SBC Text, a teletext service, was introduced on 1 August 1983 and transmissions can be received on two of the channels from 6 am to 11 pm daily. Colour transmission began in mid-1974 and by the end of 1976, the networks had been fully converted to colour.

Programmes are transmitted on the three channels in the four official languages and are usually subtitled in one other language to cater for a greater number of viewers.

Under the Singapore Broadcasting Corporation Act, 1979, a licence has to be obtained by every person using a radio and/or television receiver at any place of residence, premises or in a motor vehicle. A licence permits the use of one or more television receivers and one or more radios in any one place of residence. The current annual licence fee is \$36 for a monochrome TV set, \$80 for a colour set and \$18 for a radio receiver only.

The Rediffusion Services, a private undertaking, provides direct sound broadcasts via cable to subscribers. The monthly rental fee to subscribers is \$8.50 per set.

Cinema

Data on cinemas are obtained from the Customs and Excise Department. Under the Entertainment Duty Act, all cinemas are liable to

pay entertainment duty according to their admission charges. Total attendances are based on the number of admissions.

Library

The National Library, both a national and public library maintained by the Government, provides essential library facilities as well as a variety of cultural, educational and recreational programmes for the community. In addition to the central library at Stamford Road, there are full-time branch libraries in Marine Parade, Queenstown, Toa Payoh and Bukit Merah; part-time branch libraries in Bedok, Whampoa and Jurong and two mobile library vehicles providing weekly services to 10 community centres.

The Library maintains, in addition to the normal stock of

books, collections of special interest for research and other purposes as well as periodicals, newspapers, music scores, braille and large print books. The Library also has a microfilm unit and many documents and publications are on microfilm and microfiche. In January 1983, an Arts Resource Centre was set up within the Reference Services Division of the Central Library. The Centre maintains a good collection of books, periodicals, and

audio-visual materials ie. slides, cassette tapes, video cassettes, records, posters and prints, covering various aspects of fine arts.

Computerisation of the catalogues in the National Library started in 1983. In January 1984, the audio-visual services were extended to the branches with each branch specialising in a subject area.

16.1 RADIO AND TELEVISION LICENCES AND REDIFFUSION SUBSCRIBERS

Number

End of Year	Radio Licences	Radio and Television Licences	Rediffusion Subscribers
1973	69,966	230,652	74,689
1974	67,808	252,207	83,910
1975	64,211	280,479	85,567
1976	60,148	309,276	86,672
1977	58,357	329,119	90,428
1978	57,284	353,248	93,175
1979	58,912	371,692	100,487
1980	62,294	397,155	107,080
1981	66,897	414,535	110,792
1982	73,602	424,089	110,348
1983	104,735	464,269	95,030

Source: Inland Revenue Department
Singapore Broadcasting Corporation
Rediffusion Singapore Pte Ltd

16.2 RADIO AND TELEVISION TRANSMISSION

Hours Per Week

Year	Radio						Television
	Total	AM/FM				FM Stereo	
		Malay	Chinese	Indian	English		
1973	581	133	154	112	126	56	106.5
1974	560	126	147	105	126	56	106.5
1975	560	126	147	105	126	56	106.5
1976	560	126	147	105	126	56	106.5
1977	560	126	147	105	126	56	104.0
1978	569	135	147	105	126	56	104.0
1979	569	135	147	105	126	56	104.0
1980	639	135	147	105	126	126	113.0
1981	639	135	147	105	126	126	115.0
1982	639	135	147	105	126	126	115.0
1983	646	135	147	112	126	126	132.0

Source: Singapore Broadcasting Corporation

16.3 CINEMAS

Year	Cinemas			Total Seating Capacity	Attendances
	Total	Air Conditioned	Other		
	Number			Thousand	
1973	72	52	20	61	31,877
1974	73	52	21	62	40,068
1975	71	50	21	60	41,306
1976	73	54	19	63	38,793
1977	72	54	18	65	43,049
1978	72	56	16	67	44,676
1979	74	60	14	69	46,054
1980	80	67	13	77	40,531
1981	73	63	10	74	36,469
1982	72	63	9	71	35,781
1983	57	55	2	63	30,659

Source: Customs & Excise Department

16.4 BOOKS AT THE NATIONAL LIBRARY

Year	Number				
	Total	Malay	Chinese	Indian	English
1973	702,696	90,238	195,915	57,537	359,006
1974	784,660	103,777	224,518	61,841	394,524
1975	877,207	116,603	254,537	69,849	436,218
1976	971,717	129,020	283,792	70,379	488,526
1977	1,062,133	138,669	311,262	72,210	539,992
1978	1,138,803	143,247	329,959	72,592	593,005
1979	1,232,262	158,428	354,568	72,657	646,609
1980	1,352,276	169,530	390,491	73,314	718,941
1981	1,430,753	181,948	409,401	69,801	769,603
1982	1,601,680	202,528	447,000	66,806	885,346
1983	1,771,412	232,902	493,884	78,576	966,050

Source: Singapore National Library

16.5 NATIONAL LIBRARY MEMBERSHIP

Year	Total	Persons Aged 15 Years and Over	Number	
			Children Under 15 Years	
1973	236,967	93,270	143,697	
1974	275,984	112,639	163,345	
1975	296,299	129,457	166,842	
1976	319,847	146,993	172,854	
1977	341,288	162,850	178,438	
1978	335,191	156,298	178,893	
1979	342,241	157,830	184,411	
1980	371,153	184,032	187,121	
1981	445,455	250,863	194,592	
1982	540,215	334,755	205,460	
1983	640,322	422,279	218,043	

Source: Singapore National Library

16.6 DAILY NEWSPAPERS CIRCULATION

Number

Year	Total	English	Chinese	Malay	Others
1973	441,806	161,479	252,487	19,989	7,851
1974	422,460	168,038	223,292	23,238	7,892
1975	449,001	187,278	227,307	26,453	7,963
1976	476,983	206,014	235,187	27,935	7,847
1977	501,541	220,105	245,882	27,780	7,774
1978	534,373	232,631	265,338	28,655	7,749
1979	587,690	249,357	299,872	29,832	8,629
1980	615,612	268,601	307,769	32,308	6,934
1981	644,310	283,644	320,367	33,539	6,760
1982	653,336	285,533	326,583	34,025	7,195
1983	676,000	301,205	332,681	35,267	6,847

PUBLICATIONS BY DEPARTMENT OF STATISTICS

<u>TITLES</u>	<u>Prices in S\$ (excluding postage)</u>
1 Monthly Digest of Statistics	3.50
2 Yearbook of Statistics, 1983/84	5.00
3 Singapore Statistical Charts, 1982/83	15.00
*4 Singapore Annual Key Indicators, 1974-1983	2.10
5 Singapore Trade Statistics, Imports & Exports (Monthly) (wef January 1980)	23.00
6 Report on the Census of Industrial Production, 1982	8.00
7 Singapore Manufacturers and Products Directory, 1982	8.00
8 Report on the Census of Population, 1970, Singapore Volume I & II	40.00
9 The Consumer Price Index, Singapore (Based on Household Expenditure Survey, 1972/73)	2.00
10 Report on the Household Expenditure Survey, 1972/73	3.50
11 The General Wholesale Price Index of Singapore	2.00
12 Report on Survey of Households, April 1977	5.00
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