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**YEARBOOK OF STATISTICS
SINGAPORE
1984/85**

CHIEF STATISTICIAN
DEPARTMENT OF STATISTICS
SINGAPORE

PREFACE

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The Yearbook of Statistics, Singapore, 1984/85 is the eighteenth edition. The Yearbook puts 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 reviewed and improved upon. New statistical series of interest are incorporated. In this issue, a section on 'Trade and Services' has been introduced.

The Department of Statistics also publishes the Singapore Statistical Charts, 1984/85 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 general statistical reference on Singapore.

The Yearbook is prepared and edited mainly by the staff of the Publications Section of the Department of Statistics. Most of the data are compiled from series maintained 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
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KEY INDICATORS

ECONOMIC INDICATORS

Year	National Income									Manufacturing 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			Net Investments Committed	Output	Index of Industrial Production (1983=100)
							Total	Public	Private			
	At Current Market Prices				At 1968 Market Prices							
	\$ Million	\$	\$ Million									
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	291.9	14,237.0	
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	306.3	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	303.3	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	396.4	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	812.4	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	943.4	26,331.0	84.2
1980	23,312.9	7,507	7,641.8	10,991.1	13,366.5	4,494.1	8,988.4	1,337.9	7,650.5	1,421.6	32,805.8	94.5
1981	27,656.3	8,968	9,905.6	12,826.1	14,695.2	5,249.9	9,582.2	1,408.4	8,173.8	1,882.8	37,694.0	103.7
1982	30,883.6	9,935	11,508.4	14,290.2	15,627.5	6,431.8	10,198.0	1,562.0	8,636.0	1,722.2	37,141.1	98.0
1983	34,962.0	11,279	14,020.4	16,113.9	16,863.8	6,963.6	10,967.5	1,720.6	9,246.9	1,792.3	37,888.3	100.0
1984*	38,514.9	12,353	16,025.3	18,160.4	18,238.2	7,360.2	11,455.9	1,781.6	9,674.3	1,815.5	42,600.8	108.8

¹ Establishments engaging 10 or more workers.

GROWTH RATES IN ECONOMIC INDICATORS

Per Cent

Year	National Income									Manufacturing		
	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			Net Investments Committed	Output	Index of Industrial Production (1983=100)
							Total	Public	Private			
	At Current Market Prices					At 1968 Market Prices						
1974	22.2	16.7	13.8	39.8	6.3	10.3	5.6	0.1	6.6	-1.4	63.5	4.1
1975	10.7	8.9	24.1	-6.4	4.1	-4.1	3.0	2.7	3.0	4.9	-7.3	-0.9
1976	7.4	7.0	15.3	11.6	7.5	5.1	5.3	5.0	5.3	-1.0	22.6	12.0
1977	8.9	9.2	10.4	-3.7	7.9	1.5	6.0	9.2	5.5	30.7	13.1	9.3
1978	12.2	4.5	15.2	18.7	8.6	12.9	7.4	11.5	6.7	104.9	12.0	11.6
1979	15.1	9.1	23.0	28.0	9.4	12.2	5.7	-1.4	7.0	16.1	28.5	15.1
1980	14.4	15.3	10.0	28.6	10.3	20.1	8.0	9.8	7.7	50.7	24.6	12.3
1981	18.6	19.5	29.6	16.7	9.9	16.8	6.6	5.3	6.8	32.4	14.9	9.8
1982	11.7	10.8	16.2	11.4	6.3	22.5	6.4	10.9	5.7	-8.5	-1.5	-5.5
1983	13.2	13.5	21.8	12.8	7.9	8.3	7.5	10.2	7.1	4.1	2.0	2.1
1984*	10.2	9.5	14.3	12.7	8.2	5.7	4.5	3.5	4.6	1.3	12.4	8.8

ECONOMIC INDICATORS (continued)

Year	Building & Construction			Utilities			External Trade				
	Floor Area of			Electricity Production	Gas Production	Water Consumption	Total	Imports	Exports		
	Buildings Commenced	Buildings Under Construction	Buildings Completed						Total Exports	Domestic Exports	Re-exports
				Thousand Square Metres			Million Kilowatt Hours				
1974	4,649	8,674	3,913	3,864.3	391.1	175.4	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	190.2	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	197.6	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	210.0	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	223.9	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	237.9	69,274.5	38,334.4	30,940.1	18,200.4	12,739.7
1980	5,575	11,813	4,693	6,940.4	614.1	256.4	92,797.1	51,344.8	41,452.3	25,805.2	15,647.1
1981	9,753	17,202	4,362	7,442.0	625.6	276.4	102,538.8	58,248.0	44,290.8	29,452.0	14,838.8
1982	13,707	25,322	5,587	7,859.6	624.8	288.5	104,717.4	60,244.6	44,472.8	29,157.8	15,315.0
1983	11,107	27,814	8,615	8,625.9	605.4	307.3	105,659.1	59,504.2	46,154.9	29,206.4	16,948.5
1984	8,837	22,389	14,263	9,420.7	609.4	317.9	112,473.6	61,133.6	51,340.0	33,051.2	18,288.8

GROWTH RATES IN ECONOMIC INDICATORS (continued)

Per Cent

Year	Building & Construction			Utilities			External Trade				
	Floor Area of			Electricity Production	Gas Production	Water Consumption	Total	Imports	Exports		
	Buildings Commenced	Buildings Under Construction	Buildings Completed						Total Exports	Domestic Exports	Re-exports
1974	11.1	9.3	11.6	3.9	13.5	0.7	61.3	63.1	58.9	90.7	27.7
1975	49.5	22.1	28.7	8.1	10.6	8.4	-7.3	-5.6	-9.9	-10.4	-9.1
1976	-22.9	1.2	3.8	10.3	5.7	3.9	20.7	16.3	27.5	24.2	32.3
1977	2.7	3.0	-0.9	11.1	6.7	6.3	18.0	13.9	23.5	24.5	22.2
1978	-12.4	-8.2	10.6	15.3	10.6	6.6	15.3	16.0	14.4	13.5	15.7
1979	10.7	7.9	-20.8	9.3	10.8	6.3	31.7	29.5	34.6	37.6	30.5
1980	4.4	8.1	3.3	7.6	2.8	7.8	34.0	33.9	34.0	41.8	22.8
1981	74.9	45.6	-7.1	7.2	1.9	7.8	10.5	13.4	6.8	14.1	-5.2
1982	40.5	47.2	28.1	5.6	-0.1	4.4	2.1	3.4	0.4	-1.0	3.2
1983	-19.0	9.8	54.2	9.7	-3.1	6.5	0.9	-1.2	3.8	0.2	10.7
1984	-20.4	-19.5	65.6	9.2	0.7	3.4	6.4	2.7	11.2	13.2	7.9

ECONOMIC INDICATORS (continued)

Year	Transport & 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 Dollars		
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	-2,093.5	4,331.2	2,237.7
1984	104,193.4	40,344.4	63,849.0	297,937	134,211	163,726	15,668	12,643	-2,135.1*	5,365.7*	3,230.6*

² Exclude calls to Peninsular Malaysia.

³ Include balancing item.

GROWTH RATES IN ECONOMIC INDICATORS (continued)

Per Cent

Year	Transport & 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					
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	24.7	-18.3	-11.1
1984	4.1	11.2	-	14.2	15.5	13.1	12.8	30.7	-2.0*	23.9*	44.4*

ECONOMIC INDICATORS (continued)

Year	Money Supply (M1)	Official Foreign Reserves		Commercial Banks					Asian Currency 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' Deposit Rate	Total Assets/Liabilities		
		\$ Million	Months	\$ Million			Per Cent	Per Annum	US\$ Million	\$ Million	
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	6,134.6	13,757.7	3.22	33,316.1	16,035.0	20,206.9	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
1984	8,866.3	22,748.0	4.47	65,707.2	28,026.3	36,867.5	9.40	6.80	128,057.5	25,890.5	2,562.7

⁴ Include bills financing.

GROWTH RATES IN ECONOMIC INDICATORS (continued)

Per Cent

Year	Money Supply (M1)	Official Foreign Reserves	Commercial Banks					Asian Currency 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			
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
1984	3.0	15.1	16.2	6.7	8.3	4.7	0.7	14.5	9.6	14.0

ECONOMIC INDICATORS (continued)

Year	Finance Companies			POSB	CPF	Stock Exchange		Insurance Companies			
	Deposits from Individuals & Institutions	Loans for		Amount Due To		Turnover of Stocks & 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 Dollars		
Million Dollars						Million Units	Number	Million Dollars			
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	359,902	13,810.3	441.0	186.7
1984	5,278.3	565.8	1,348.9	7,287.3	22,670.4	8,211.2	3,042.6				

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 & Institutions	Loans For		Amount Due To		Turnover of Stocks & 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		
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	14.5	28.8	2.3	12.7
1984	15.6	-7.0	15.7	16.8	16.2	-30.5	-15.6	..	..	..	..

ECONOMIC INDICATORS (continued)

Year	Government Finance						Measures of Inflation			Tourism	
	Revenue ⁷	Main Expenditure 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 Dollars					Per Cent				Thousand	Per Cent
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	7,315.1	6,656.8	658.3	0.8	72.5	105.1	154.3	1,320.6	78.4
1977	3,555.5	3,552.4	9,130.2	8,143.1	987.1	0.8	74.8	109.9	156.7	1,506.7	83.3
1978	3,738.8	3,729.9	10,692.6	9,674.4	1,018.2	2.3	78.4	111.6	160.3	2,047.2	86.5
1979	4,603.0	4,536.2	12,396.5	11,419.8	976.7	1.3	81.5	127.7	168.8	2,247.1	85.4
1980	5,903.5	5,708.5	14,669.5	13,732.5	937.0	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	195.0	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	203.4	2,956.7	80.8
1983	10,631.8	10,631.0	25,031.5	24,359.9	671.6	1.3	100.6	146.4	209.7	2,853.6	75.5
1984	9,969.3*	9,969.3*	28,077.3	27,435.9	641.4	1.0*	103.2	145.5	213.1*	2,991.4	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 1974-1977, 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					
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	21.3	-1.9	6.7	1.4	12.9	5.0
1977	12.7	12.8	24.8	22.3	49.9	3.2	4.5	1.6	14.1	6.3
1978	5.2	5.0	17.1	18.8	3.2	4.8	1.6	2.3	10.3	3.8
1979	23.1	21.6	15.9	18.0	-4.1	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	-4.3	8.2	3.9	7.3	10.4	-0.5
1982	16.1	18.8	21.0	22.3	-2.4	3.9	-4.2	4.3	4.5	-5.7
1983	16.5	16.5	20.7	22.7	-23.2	1.2	-3.7	3.1	-3.5	-6.6
1984	-6.2*	-6.2*	12.2	12.6	-4.5	2.6	-0.6	1.6*	4.8	-

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	Median Age	Dependency Ratio ¹	Index of Ageing ²	Crude Birth Rate	Crude Death Rate	Proportional Mortality Ratio ³	Infant Mortality Rate	Total Fertility Rate	Gross Reproduction Rate
	Thousand	Per Cent	Persons Per Square Kilometre	Years	Per Cent		Per 1,000 Population		Per Cent	Per 1,000 Live-births	Per 1,000 Female Population	
1974	2,229.8	1.6	3,795	21.4	62.0	11.6	19.4	5.2	73.6	16.8	2,359	1,132
1975	2,262.6	1.4	3,791	21.9	58.8	12.3	17.7	5.1	74.3	13.9	2,079	1,005
1976	2,293.3	1.4	3,809	22.4	56.0	13.3	18.7	5.1	76.6	11.6	2,111	1,018
1977	2,325.3	1.3	3,773	22.9	53.5	14.3	16.5	5.1	77.5	12.4	1,820	877
1978	2,353.6	1.2	3,819	23.4	51.0	15.4	16.8	5.1	76.3	12.6	1,795	869
1979	2,383.5	1.3	3,858	24.0	48.6	16.4	17.1	5.2	77.4	13.2	1,791	853
1980	2,413.9	1.2	3,907	24.5	46.6	17.4	17.1	5.2	77.7	11.7	1,737	840
1981	2,443.3	1.2	3,954	25.0	45.0	18.3	17.3	5.3	78.2	10.7	1,723	830
1982	2,471.8	1.2	3,999	25.6	43.9	19.1	17.3	5.2	78.0	10.7	1,706	816
1983	2,502.0	1.1	4,048	26.2	43.1	19.9	16.2	5.3	79.2	9.4	1,589	765
1984	2,529.1	1.1	4,078	26.7	42.4	20.6	16.4	5.2	79.1	8.8	1,609	770

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.

³ Deaths at 50 years and over as percentage of total deaths.

SOCIAL INDICATORS (continued)

Year	Education										
	Pupils Per Teacher		Graduates of Institutions of Higher Learning	Student Enrolment Ratio ⁴	Literacy Rate ⁵	Passes at			Government Recurrent Expenditure Per Student ⁶		
	Primary	Secondary				PSLE	GCE 'O' Level	GCE 'A' Level	Primary	Secondary	Tertiary
	Number										
1974	30	26	4,547	77.3	76.9	59.3	56.4	58.3	352	459	2,975
1975	30	26	5,189	78.9	78.2	58.7	60.2	65.6	394	504	3,236
1976	30	26	4,629	78.6	79.4	59.5	59.9	64.3	422	535	3,418
1977	30	26	5,732	78.3	80.5	68.9	61.7	61.5	453	579	3,456
1978	29	25	6,029	74.6	81.7	74.5	62.3	60.3	521	666	3,870
1979	28	23	6,576	79.3	82.8	74.2	65.1	63.4	625	1,028	4,348
1980	30	22	5,718	78.9	84.0	83.3	68.6	67.9	702	1,220	4,871
1981	31	21	6,525	81.7	84.4	81.7	70.1	61.2	870	1,542	6,009
1982	31	21	6,705	83.9	84.8	87.3	75.4	64.1	1,167	1,827	8,413
1983	29	21	7,127	88.2	85.3	87.0	74.5	65.4	1,229	1,910	9,415
1984	27	23	8,608	91.2	85.6	85.5	79.9	65.3	1,348	2,192	9,182

⁴ Students aged 6-17 years divided by population of same age group.

⁵ Refers to population 10 years and over.

⁶ For financial year beginning 1 April. Figures for 1984 are based on Budget estimates.

SOCIAL INDICATORS (continued)

Year	Employment					Health			
	Labour Force (15-64 Years)	Unemployment Rate (15-64 Years)	Labour Force Participation Rate (15-64 Years)	CPF Contributors in Labour Force	Union Members Among Employed	Per Capita Government Expenditure on Health ⁷	Persons Per		
	Thousand		Per Cent			Dollars	Doctor	Dentist	Hospital Bed
1974	836	3.9	60.2	74.5	25.4	56	1,406	9,028	250
1975	852	4.6	59.7	76.0	25.7	63	1,395	8,979	249
1976	885	4.5	60.1	76.6	26.3	64	1,345	8,494	236
1977	919	3.9	61.2	77.7	25.9	68	1,259	7,725	240
1978	975	3.6	62.6	79.9	25.2	76	1,265	7,287	246
1979	1,035	3.4	64.1	80.5	25.0	84	1,287	6,889	245
1980	1,093	3.5	66.4	79.0	23.1	96	1,222	6,977	252
1981	1,128	2.9	66.1	81.4	20.5	112	1,168	6,604	247
1982	1,151	2.6	66.5	80.6	19.1	130	1,111	6,149	252
1983	1,186	3.3	67.0	77.4	17.9	139	1,060	5,739	255
1984	1,188	2.7	66.8	79.4	16.6	162	1,010	5,324	262

⁷ Figure for 1984 is based on Budget estimates.

SOCIAL INDICATORS (continued)

Year	Culture & Recreation				Communication				
	Daily Newspapers Circulation	Per Cent of National Library Members to Total Population		Annual Cinema Attendances	Radio & Television Licences	Telephones	Persons Per		
	Per 1,000 Population	Under 15 Years	15 Years & Over	Per Person	Per 1,000 Population		Public Bus	Private Car	Taxi
1974	190	21.4	7.7	18	113	126	467	16	428
1975	198	22.3	8.5	18	124	141	458	16	420
1976	208	23.8	9.4	17	135	163	440	17	417
1977	216	25.2	10.1	19	142	196	427	17	385
1978	227	25.9	9.4	19	150	229	401	17	305
1979	247	27.5	9.2	19	156	262	383	17	279
1980	255	28.7	10.5	17	165	291	371	16	255
1981	264	30.3	13.9	15	170	317	352	15	248
1982	264	32.5	18.2	14	172	345	326	14	240
1983	270	34.7	22.5	12	186	369	313	12	234
1984	249	35.7	25.9	11	188	397	305	12	229

SOCIAL INDICATORS (continued)

Year	Public Housing				Utilities		Fire		Public Order	
	Public Flats ⁸		Per Cent of Population Living in Public Flats		Electricity Consumption Per Person	Water Consumption Per Person	Number	Value of Property Damaged	Total Offences	Police Force
	Total Number Managed	Per Cent Owner-occupied	Public Flats	Owner-occupied Public Flats	Kilowatt Hour	Cubic Metre		Million Dollars	Per 10,000 Population	
1974	199,583	47	49	18	1,536.6	78.6	2,110	29.7	87	29
1975	229,338	52	54	22	1,623.5	84.0	2,384	15.1	82	30
1976	256,901	63	60	27	1,760.8	86.2	4,165	19.3	78	30
1977	295,161	62	64	31	1,938.0	90.3	3,804	18.9	86	30
1978	328,385	68	68	37	2,215.2	95.1	4,174	27.2	82	31
1979	351,851	61	71	39	2,409.8	99.8	4,983	70.4	103	30
1980	370,044	64	73	42	2,567.6	106.2	4,705	24.1	123	30
1981	380,294	63	74	43	2,726.0	113.1	5,851	85.6	161	31
1982	399,935	66	75	50	2,832.0	116.7	6,093	26.5	160	30
1983	430,169	70	77	54	3,076.6	122.8	6,802	47.1	164	31
1984	506,340	74	81	60	3,320.7	125.7	4,646	28.0	176	31

⁸ Prior to 1982, figures refer to flats managed by Housing and Development Board (HDB), Jurong Town Corporation and Housing and Urban Development Company. From 1982, all these flats were managed by HDB.

1 CLIMATE AND LAND USE

The island of Singapore is located in the south of the Malay Peninsula. The island is the local seat of the state and is the only one of its kind in the region. It is situated in the south of the Malay Peninsula, and is the only one of its kind in the region. It is situated in the south of the Malay Peninsula, and is the only one of its kind in the region. It is situated in the south of the Malay Peninsula, and is the only one of its kind in the region.

between

The land area of Singapore is 719 square kilometres. It is a small island with a number of hills scattered all over it. The main island measures about 42 kilometres from east to west and 23 kilometres from north to south with a coastline of 181.5 kilometres.

Singapore can be geographically divided into three main areas — the central city area with heavy deposits of granite in the north, the western mountain range comprising Mount Faber, and the eastern range with the island of Sentosa. The island of Sentosa is a small island with a number of hills scattered all over it. The main island measures about 42 kilometres from east to west and 23 kilometres from north to south with a coastline of 181.5 kilometres.

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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 is now considered a newly industrializing country and is developing into an international centre in finance, transport and communications, and other services.

The land area of Singapore is approximately 620 square kilometres. It comprises the main island and a number of islets scattered off its north-east and south. The main island measures about 42 kilometres from east to west and 23 kilometres from north to south with a coastline of 131.5 kilometres.

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 and 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 48 per cent has been developed for residential, commercial and industrial usage and another 9 per cent used for agriculture. The rest consists of forest reserves, marsh and other non-built up areas.

The Anti-Pollution Unit monitors the ambient air quality through 14 stations located in urban, industrial and rural areas. Pollutants regularly monitored are total acidity, smoke, nitrogen oxides and dust fall-out. With the exception of dust fall-out levels which showed an improvement over 1983, the air pollution levels in 1984 were similar to previous

years and within acceptable air quality standards.

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) when the low winds and calm airs and relatively moderate rainfall are less effective in dispersing the air pollutants.

1.1 TEMPERATURE, RAINFALL AND SUNSHINE

Year	Mean Temperature (°C)		Mean Relative Humidity at 2.00pm ¹ (%)	Rainfall			Bright Sunshine Daily Mean Hours
	Maximum	Minimum		Total (mm)	Maximum in a Day (mm)	Number of Rainy Days	
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
1984	30.8	24.0	74	2,687	154	191	5.1

¹ Due to the introduction of 30 minutes of daylight saving since January 1982, the time of observation has been advanced from 1.30pm to 2.00pm.

Source : Meteorological Service

1.2 LAND USE

Square Kilometre

Year	Total	Built-up Area ¹	Farm Holding Area ²	Forest	Marsh & Tidal Waste	Others ³
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
1984	620.2	295.0	58.9	28.6	18.7	219.0

¹ Include new industrial sites.

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.

Source : Survey Department

1.3 AIR POLLUTION LEVELS

Year	Total Acidity Levels			Smoke Levels			Nitrogen Oxides Levels			Dust Fall-out Levels		
	Urban	Industrial	Rural	Urban	Industrial	Rural	Urban	Industrial	Rural	Urban	Industrial	Rural
Microgram per cubic metre at normal temperature & 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
1984	35	28	24	26	18	16	62	38	-	0.87	0.92	0.83

Source : Anti-Pollution Unit

2 DEMOGRAPHY

Population Census

The first census in Singapore was taken in April 1871 and subsequent censuses were conducted 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 since 1947.

In the latest census, conducted in 1980, 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 dependants, 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 1984 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. Still-births, which are classified separately from births and deaths must be registered within 14 days of their 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 and still-births 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.

The crude birth and crude death rates are defined as the number of live-births and deaths respectively per thousand mid-year population. There has been a marked decline in the crude birth rate, from 19.4 per thousand population in 1974 to 16.4 per thousand in 1984. The crude death rate, on the other hand, has remained stable between 5.1 and 5.3 per thousand during the same period.

Fertility Rates

The age-specific fertility rate refers to the number of births attributable to mothers of a specific age group per one thousand females in that age group.

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 which gives the average number of daughters produced by each woman during her whole reproductive period is similarly computed on the basis of female births only. The total fertility rate fell from 2,359 per thousand in 1974 to 1,609 per thousand in 1984. Gross reproduction rate also fell from 1,132 per thousand to 770 per thousand during the same period.

Marriages

Registration of 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.

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.

Divorces

Muslim divorces are compiled from records maintained by the Syariah Court. Non-muslim divorces are compiled from petitions submitted to the Supreme Court. The year of occurrence and age of divorcees are based on the date of registration and date decree made absolute respectively for Muslim and non-Muslim divorces.

2.1 POPULATION

	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													
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
1984	2,529.1	1,288.7	1,240.4	193.3	181.1	974.9	960.1	91.1	71.5	29.4	27.7	1.1	1,039

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

2.2 MALE POPULATION ESTIMATES BY AGE GROUP

Thousand

Age Group (Years)	1974	1975	1976	1977	1978	1979	1980 ¹	1981	1982	1983	1984
Total	1,139.7	1,156.1	1,171.3	1,187.3	1,201.4	1,216.3	1,231.7	1,246.3	1,260.4	1,275.5	1,288.7
0 - 4	117.9	117.9	114.5	111.3	105.8	102.8	100.9	101.4	101.8	104.8	105.1
5 - 9	126.6	120.3	116.8	115.7	116.2	116.5	115.8	113.0	110.1	104.9	102.5
10 - 14	149.2	145.9	142.8	138.3	133.3	126.4	120.8	117.3	116.0	116.2	116.4
15 - 19	146.3	150.9	153.1	153.8	153.0	151.8	148.2	143.8	138.6	133.2	126.2
20 - 24	123.7	127.5	132.9	139.2	144.4	148.5	152.8	155.3	155.1	153.9	151.8
25 - 29	93.0	105.2	113.7	116.5	120.7	125.0	129.4	134.6	140.2	144.8	148.3
30 - 34	70.9	67.9	67.9	76.8	86.0	95.1	107.4	115.2	117.3	120.9	124.8
35 - 39	64.2	67.4	69.8	71.4	71.7	71.8	68.9	69.0	77.6	86.4	95.0
40 - 44	55.7	56.5	57.8	58.4	59.6	63.3	66.5	69.4	71.1	71.5	71.4
45 - 49	49.4	51.3	52.8	53.2	53.8	53.7	54.7	56.1	56.8	58.2	62.0
50 - 54	40.1	40.9	41.6	43.1	44.5	46.5	48.3	49.9	50.6	51.5	51.6
55 - 59	33.6	34.1	35.0	35.4	36.1	36.4	37.0	38.0	39.6	41.3	43.3
60 - 64	29.0	29.1	28.7	28.4	28.6	29.1	29.8	30.7	31.4	32.0	32.8
65 - 69	19.7	20.4	21.8	22.8	23.3	23.7	23.7	23.4	23.5	23.8	24.4
70 & Over	20.4	20.8	22.1	23.0	24.4	25.7	27.5	29.2	30.7	32.1	33.1

¹ Census of Population.

2.3 FEMALE POPULATION ESTIMATES BY AGE GROUP

Thousand

Age Group (Years)	1974	1975	1976	1977	1978	1979	1980 ¹	1981	1982	1983	1984
Total	1,090.1	1,106.5	1,122.0	1,138.0	1,152.2	1,167.2	1,182.2	1,197.0	1,211.4	1,226.5	1,240.4
0 - 4	109.9	110.1	106.8	103.8	98.4	95.2	92.8	93.4	93.6	96.2	96.7
5 - 9	120.4	114.0	110.5	108.8	109.0	108.9	108.1	105.4	102.6	97.7	94.9
10 - 14	140.5	137.7	135.1	131.4	126.2	119.9	114.7	111.0	109.0	109.2	109.0
15 - 19	138.7	141.9	143.1	143.1	142.9	142.1	139.2	135.9	131.6	126.1	119.8
20 - 24	118.2	122.1	127.2	132.8	137.0	140.5	143.4	144.9	144.5	143.8	142.3
25 - 29	90.4	101.9	110.1	112.5	116.0	119.9	124.1	128.9	133.7	137.6	140.7
30 - 34	70.2	66.2	65.9	74.4	83.4	92.0	103.7	111.5	113.7	116.9	120.1
35 - 39	63.3	66.6	69.2	70.9	71.3	70.3	66.9	66.4	74.9	83.7	92.0
40 - 44	51.9	53.7	55.4	56.3	57.5	61.9	65.0	68.3	70.3	70.7	70.0
45 - 49	43.0	45.7	47.7	49.2	50.0	50.6	52.5	54.3	55.1	56.6	60.9
50 - 54	35.7	36.0	36.7	38.0	40.0	42.2	44.8	46.7	48.0	48.9	49.6
55 - 59	31.1	31.9	32.7	32.8	33.5	34.1	34.4	35.1	36.7	38.5	40.8
60 - 64	28.2	28.4	28.7	28.7	28.8	29.2	29.9	30.6	30.9	31.6	32.2
65 - 69	20.4	21.0	22.3	23.5	24.6	25.2	25.6	25.7	25.9	26.2	26.7
70 & Over	28.2	29.3	30.6	31.8	33.6	35.2	37.1	38.9	40.9	42.8	44.7

¹ Census of Population.

2.4 POPULATION ESTIMATES BY AGE GROUP, ETHNIC GROUP AND SEX, END JUNE 1974

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	2,229.8	1,139.7	1,090.1	330.2	169.5	160.7	1,707.1	860.2	846.9	149.4	87.7	61.7	43.1	22.3	20.8
0 - 4	227.8	117.9	109.9	35.1	18.0	17.1	173.7	90.1	83.6	13.7	7.0	6.7	5.3	2.8	2.5
5 - 9	247.0	126.6	120.4	46.5	23.4	23.1	179.9	92.8	87.1	16.6	8.4	8.2	4.0	2.0	2.0
10 - 14	289.7	149.2	140.5	52.5	27.2	25.3	213.4	109.8	103.6	19.7	10.2	9.5	4.1	2.0	2.1
15 - 19	285.0	146.3	138.7	44.5	22.9	21.6	218.5	111.9	106.6	18.2	9.7	8.5	3.8	1.8	2.0
20 - 24	241.9	123.7	118.2	33.6	17.0	16.6	190.2	97.3	92.9	14.2	7.5	6.7	3.9	1.9	2.0
25 - 29	183.4	93.0	90.4	23.6	11.8	11.8	145.4	73.8	71.6	10.2	5.3	4.9	4.2	2.1	2.1
30 - 34	141.1	70.9	70.2	16.9	8.0	8.9	111.8	56.1	55.7	8.7	4.9	3.8	3.7	1.9	1.8
35 - 39	127.5	64.2	63.3	18.4	8.8	9.6	97.8	49.4	48.4	8.0	4.2	3.8	3.3	1.8	1.5
40 - 44	107.6	55.7	51.9	14.8	7.4	7.4	80.2	40.0	40.2	9.7	6.7	3.0	2.9	1.6	1.3
45 - 49	92.4	49.4	43.0	14.0	8.0	6.0	66.3	32.6	33.7	9.7	7.4	2.3	2.4	1.4	1.0
50 - 54	75.8	40.1	35.7	10.9	6.3	4.6	54.8	26.2	28.6	8.2	6.5	1.7	1.9	1.1	0.8
55 - 59	64.7	33.6	31.1	7.1	4.1	3.0	51.0	24.4	26.6	5.4	4.4	1.0	1.2	0.7	0.5
60 - 64	57.2	29.0	28.2	5.4	3.0	2.4	47.3	22.7	24.6	3.7	2.9	0.8	0.8	0.4	0.4
65 - 69	40.1	19.7	20.4	3.2	1.7	1.5	34.4	16.2	18.2	1.8	1.4	0.4	0.7	0.4	0.3
70 & Over	48.6	20.4	28.2	3.7	1.9	1.8	42.4	16.9	25.5	1.6	1.2	0.4	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	47.1	47.4	46.7	54.1	54.0	54.2	46.0	47.0	45.0	45.6	40.3	53.3	39.9	38.6	41.3
20 - 39	31.1	30.9	31.4	28.0	26.9	29.2	31.9	32.2	31.7	27.5	25.0	31.1	35.0	34.5	35.6
40 - 59	15.3	15.7	14.8	14.2	15.2	13.1	14.8	14.3	15.2	22.1	28.5	13.0	19.5	21.5	17.3
60 & Over	6.5	6.0	7.1	3.7	3.9	3.5	7.3	6.5	8.1	4.8	6.2	2.6	5.6	5.4	5.8

2.5 POPULATION ESTIMATES BY AGE GROUP, ETHNIC GROUP AND SEX, END JUNE 1984

Age Group (Years)	Total			Malays			Chinese			Indians			Others		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
Total	Thousand														
	2,529.1	1,288.7	1,240.4	374.4	193.3	181.1	1,935.0	974.9	960.1	162.6	91.1	71.5	57.1	29.4	27.7
0 - 4	201.8	105.1	96.7	35.1	18.2	16.9	145.0	75.7	69.3	14.3	7.4	6.9	7.4	3.8	3.6
5 - 9	197.4	102.5	94.9	30.7	15.9	14.8	151.8	78.9	72.9	10.2	5.3	4.9	4.7	2.4	2.3
10 - 14	225.4	116.4	109.0	34.6	17.7	16.9	172.9	89.5	83.4	12.9	6.6	6.3	5.0	2.6	2.4
15 - 19	246.0	126.2	119.8	43.7	22.0	21.7	181.8	93.8	88.0	16.5	8.4	8.1	4.0	2.0	2.0
20 - 24	294.1	151.8	142.3	52.2	27.7	24.5	218.2	111.9	106.3	19.8	10.4	9.4	3.9	1.8	2.1
25 - 29	289.0	148.3	140.7	44.3	23.3	21.0	221.5	112.8	108.7	18.8	10.3	8.5	4.4	1.9	2.5
30 - 34	244.9	124.8	120.1	32.8	16.8	16.0	192.0	97.6	94.4	14.7	7.9	6.8	5.4	2.5	2.9
35 - 39	187.0	95.0	92.0	22.6	11.4	11.2	147.5	74.7	72.8	10.6	5.6	5.0	6.3	3.3	3.0
40 - 44	141.4	71.4	70.0	15.9	7.5	8.4	111.9	56.2	55.7	8.6	4.8	3.8	5.0	2.9	2.1
45 - 49	122.9	62.0	60.9	16.5	8.0	8.5	95.2	48.0	47.2	7.8	4.0	3.8	3.4	2.0	1.4
50 - 54	101.2	51.6	49.6	13.4	6.5	6.9	76.7	37.9	38.8	8.6	5.7	2.9	2.5	1.5	1.0
55 - 59	84.1	43.3	40.8	12.2	6.8	5.4	62.2	29.7	32.5	7.8	5.7	2.1	1.9	1.1	0.8
60 - 64	65.0	32.8	32.2	9.1	5.3	3.8	48.6	22.2	26.4	5.9	4.5	1.4	1.4	0.8	0.6
65 - 69	51.1	24.4	26.7	5.3	3.0	2.3	41.7	18.5	23.2	3.3	2.5	0.8	0.8	0.4	0.4
70 & Over	77.8	33.1	44.7	6.0	3.2	2.8	68.0	27.5	40.5	2.8	2.0	0.8	1.0	0.4	0.6
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	100.0	100.0	100.0	100.0
0 - 19	34.4	34.9	33.9	38.5	38.2	38.8	33.7	34.7	32.7	33.1	30.4	36.7	37.0	36.7	37.2
20 - 39	40.1	40.4	39.9	40.6	41.0	40.2	40.2	40.7	39.8	39.3	37.5	41.5	35.0	32.3	37.9
40 - 59	17.8	17.7	17.8	15.5	14.9	16.1	17.9	17.6	18.1	20.2	22.2	17.6	22.4	25.5	19.1
60 & Over	7.7	7.0	8.4	5.4	5.9	4.9	8.2	7.0	9.4	7.4	9.9	4.2	5.6	5.5	5.8

2.6 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									
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
1984	41,556	21,661	19,894	13,162	365	28,394	16.4	5.2	11.2	8.8

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

2.7 AGE SPECIFIC FERTILITY RATES AND GROSS AND NET REPRODUCTION RATES

Per Thousand Female Population

Age Group (Years)	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
15 - 19	20.8	16.8	16.2	13.4	11.8	11.4	12.2	11.5	11.2	10.3	10.2
20 - 24	118.9	102.1	107.2	90.3	86.8	85.1	79.9	80.3	77.1	70.0	66.9
25 - 29	172.2	154.5	160.2	138.9	140.9	139.3	137.3	136.3	133.9	124.8	124.5
30 - 34	102.9	94.9	95.9	85.2	86.8	88.4	84.5	82.0	83.3	79.5	83.2
35 - 39	42.6	36.3	33.8	28.7	26.7	27.5	27.2	28.6	30.4	29.2	31.9
40 - 44	12.7	10.0	8.1	6.9	5.3	5.5	5.7	5.4	4.9	3.8	4.8
45 - 49	1.7	1.1	0.8	0.6	0.6	1.0	0.5	0.4	0.3	0.2	0.2
Total Fertility Rate	2,359	2,079	2,111	1,820	1,795	1,791	1,737	1,723	1,706	1,589	1,609
Gross Reproduction Rate	1,132	1,005	1,018	877	869	853	840	830	816	765	770
Net Reproduction Rate	1,095	972	985	849	841	825	819	810	796	746	750

2.8 LIVE-BIRTHS BY BIRTH ORDER

Birth Order	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total ¹	Number										
	43,268	39,948	42,783	38,364	39,441	40,779	41,217	42,250	42,654	40,585	41,556
	16,946	14,674	17,200	16,138	16,424	17,253	17,968	18,599	19,105	18,255	18,071
	11,628	12,631	13,585	12,101	12,962	13,645	13,999	14,431	14,593	14,078	15,171
	6,624	6,596	7,083	6,221	6,463	6,630	6,236	6,305	6,228	5,757	5,877
	3,497	2,854	2,648	2,231	2,181	2,002	1,885	1,876	1,777	1,655	1,606
	1,733	1,299	984	745	674	601	590	522	506	470	436
	2,712	1,810	1,179	879	659	538	422	438	391	302	276
	Per Cent										
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1st	39.1	36.7	40.2	42.1	41.6	42.3	43.6	44.0	44.8	45.0	43.5
2nd	26.9	31.6	31.7	31.6	32.9	33.5	34.0	34.2	34.2	34.7	36.5
3rd	15.3	16.5	16.6	16.2	16.4	16.3	15.1	14.9	14.6	14.2	14.1
4th	8.1	7.2	6.2	5.8	5.5	4.9	4.6	4.4	4.2	4.1	3.9
5th	4.0	3.3	2.3	1.9	1.7	1.5	1.4	1.2	1.2	1.2	1.0
6th & Over	6.3	4.5	2.8	2.3	1.7	1.3	1.0	1.0	0.9	0.7	0.7

¹ Total includes birth order not stated.

2.9 MALE AND FEMALE AGE SPECIFIC DEATH RATES

Per Thousand Population

Age Group (Years)	Males					Females				
	1980	1981	1982	1983	1984	1980	1981	1982	1983	1984
Total	5.8	5.9	5.9	6.0	5.9	4.5	4.6	4.5	4.6	4.4
Under 1 ¹	11.8	11.5	12.5	10.3	9.0	11.6	9.6	8.6	8.5	8.5
1 - 4	0.8	0.6	0.8	0.7	0.7	0.6	0.8	0.6	0.7	0.6
5 - 9	0.2	0.3	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.2
10 - 14	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2
15 - 19	0.8	1.0	0.9	0.9	0.9	0.4	0.4	0.4	0.4	0.4
20 - 24	1.4	1.0	1.3	1.2	1.2	0.6	0.5	0.5	0.6	0.5
25 - 29	1.3	1.4	1.3	1.3	1.4	0.6	0.7	0.7	0.6	0.6
30 - 34	1.4	1.3	1.4	1.6	1.3	0.8	0.8	0.8	0.9	0.7
35 - 39	1.9	2.1	2.0	2.0	2.1	1.1	1.2	1.2	1.1	1.1
40 - 44	3.2	3.0	3.0	3.1	3.2	1.9	2.0	1.8	1.8	1.7
45 - 49	6.3	6.0	5.7	5.2	5.5	3.4	3.5	3.2	2.9	3.3
50 - 54	10.5	11.0	9.8	10.3	10.0	5.1	6.7	5.8	5.2	5.3
55 - 59	16.4	17.5	17.1	16.2	16.8	10.7	9.4	8.7	8.8	8.2
60 - 64	28.8	28.4	26.2	25.9	25.4	15.6	15.4	14.3	14.3	13.7
65 - 69	44.9	45.0	40.7	40.6	41.0	25.5	24.0	24.1	23.5	22.4
70 & Over	86.9	85.1	87.8	89.9	83.6	69.3	69.6	67.1	70.3	64.5

¹ Infant mortality rate (deaths of infants under 1 year of age per thousand live-births).

2.10 DEATHS BY BROAD GROUPS OF CAUSES

Causes of Death	Number										
	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
All Causes	11,674	11,447	11,648	11,955	12,065	12,468	12,505	12,863	12,896	13,321	13,162
Infective & Parasitic Diseases	714	630	554	523	502	503	425	432	393	432	384
of which : Tuberculosis	472	420	358	340	318	331	240	221	207	224	161
Neoplasms	2,002	2,123	2,278	2,326	2,415	2,542	2,623	2,672	2,729	2,903	2,811
of which : Cancer	1,955	2,083	2,245	2,286	2,386	2,488	2,561	2,616	2,668	2,858	2,771
Endocrine, Nutritional & Metabolic Diseases	377	375	408	429	403	403	359	404	397	423	509
of which : Diabetes	257	259	334	377	334	347	319	368	361	373	469
Diseases of the Blood & Blood-forming Organs	60	52	32	50	45	41	31	42	33	33	28
Diseases of the Nervous System & Sense Organs	149	133	129	110	114	122	131	114	121	92	88
Diseases of the Circulatory System	3,295	3,369	3,798	3,889	3,983	4,233	4,305	4,413	4,430	4,436	4,618
of which : Heart & Hypertensive Diseases	2,014	2,000	2,283	2,426	2,518	2,752	2,777	2,892	2,866	2,911	3,143
Cerebrovascular Disease	1,213	1,244	1,427	1,360	1,382	1,409	1,447	1,438	1,469	1,454	1,408
Diseases of the Respiratory System	1,631	1,632	1,651	1,902	1,724	2,024	1,965	2,196	2,257	2,429	2,028
of which : Pneumonia	969	948	1,010	1,215	942	1,124	1,129	1,284	1,375	1,513	1,202
Bronchitis	183	211	134	114	107	89	75	67	68	77	55
Diseases of the Digestive System	451	423	384	382	359	382	368	385	400	403	345
Diseases of the Genito-Urinary System	320	311	281	324	381	349	366	366	319	375	392
Congenital Anomalies	177	146	156	141	185	184	185	178	182	155	163
of which : Congenital Anomalies of Heart	101	76	70	70	98	105	111	109	101	86	83
Certain Causes of Perinatal Mortality	322	254	221	247	239	261	227	208	215	149	148
Accidents, Poisonings & Violence	894	887	890	914	1,057	876	899	938	966	1,085	1,192
of which : Motor Vehicle Accidents	282	255	257	264	299	236	250	281	326	323	..
Other Accidents	272	217	238	239	256	160	122	157	198	231	..
Suicides	229	252	257	224	266	249	271	191	239	267	..
Other Diseases & Causes	1,282	1,112	866	718	658	548	621	515	454	406	456
of which : Senility	1,064	860	679	571	505	359	403	237	219	208	236

Note : Deaths for 1974-78 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.

2.11 AGED POPULATION

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Demographic Characteristics											
Persons Aged 60 Years & Over ('000)	145.9	149.0	154.2	158.2	163.3	168.1	173.6	178.5	183.3	188.5	193.9
Percentage of Total Population	6.5	6.6	6.7	6.8	6.9	7.1	7.2	7.3	7.4	7.5	7.7
Sex Ratios of Persons Aged : (Males Per 1,000 Females)											
60 - 69 Years	1,002	1,002	990	981	972	971	965	961	967	965	971
70 Years & Over	723	710	722	723	726	730	739	751	751	750	740
60 Years & Over	900	893	890	883	877	876	874	875	876	874	872
Literacy Rate of Persons Aged 60 Years & Over (Per 1,000 Population)											
Males	616	630	643	659	671	683	695	706	716	727	737
Females	134	142	153	165	175	185	194	208	219	230	241
Economic Characteristics											
Economically Active Persons Aged 60 Years & Over ('000)											
Percentage of Total Economically Active	34.8	34.9	40.7	39.0	34.2	39.2	37.7	40.1	39.7	42.5	42.2
	4.1	4.0	4.5	4.1	3.4	3.7	3.4	3.5	3.4	3.5	3.5
Employed Persons Aged 10-59 Years ('000)											
Self-employed (%)	790.0	799.3	830.3	865.2	925.2	982.3	1,039.4	1,076.1	1,103.1	1,128.0	1,133.4
Employees (%)	13.7	13.6	13.6	13.3	12.7	12.0	13.6	11.5	12.0	12.4	12.7
	83.5	83.3	83.4	83.6	84.3	84.8	83.9	86.2	85.7	85.4	85.4
Employed Persons Aged 60 Years & Over ('000)											
Self-employed (%)	34.4	34.3	40.2	38.7	33.7	38.7	37.7	39.2	39.3	41.8	41.4
Employees (%)	44.7	47.1	45.2	46.2	42.8	44.2	44.9	42.0	39.9	42.8	39.8
	52.2	50.7	52.0	50.3	53.8	51.9	52.5	54.2	56.9	53.8	56.3

2.11 AGED POPULATION (continued)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Mortality											
Deaths Aged 60 Years & Over (No.)	6,874	6,747	7,178	7,433	7,493	7,866	8,002	8,208	8,286	8,760	8,524
Percentage of Total	58.9	58.9	61.1	62.2	62.1	63.1	64.0	63.8	64.3	65.8	65.0
Age-specific Death Rates (Per 1,000 Population)											
Males Aged : 60 - 69 Years	37.8	37.2	37.3	37.2	35.7	35.9	35.9	35.6	32.4	32.2	32.0
70 Years & Over	96.8	95.1	93.1	92.0	90.3	92.2	86.9	85.1	87.8	89.9	83.6
60 Years & Over	55.2	54.3	54.3	54.2	53.1	54.3	53.2	52.9	52.3	53.3	50.9
Females Aged : 60 - 69 Years	20.7	19.8	20.4	22.5	21.3	20.9	20.1	19.4	18.8	18.5	17.6
70 Years & Over	72.7	66.6	71.7	70.4	68.5	70.0	69.3	69.6	67.1	70.3	64.5
60 Years & Over	39.8	37.2	39.6	40.6	39.5	40.2	39.9	39.9	39.0	40.5	37.9
Major Causes of Deaths Aged 60 Years & Over (Per 1,000 Population) :											
Heart & Hypertensive Diseases	8.6	8.4	9.7	10.5	10.7	11.2	11.2	11.0	10.9	11.0	11.9*
Malignant Neoplasms	7.7	7.6	8.5	8.3	8.8	8.8	9.3	9.0	8.6	9.6	8.6*
Cerebrovascular Diseases	6.1	6.1	7.0	6.8	6.8	6.6	6.6	6.3	6.4	6.3	5.7*
Pneumonia	4.3	4.2	4.9	5.7	4.4	5.3	5.2	5.7	6.0	6.6	5.2*
Tuberculosis (All Forms)	2.1	1.9	1.7	1.5	1.4	1.4	1.0	0.9	0.8	0.9	0.6*

2.11 AGED POPULATION (continued)

	1978	1979	1980	1981	1982	1983
Heath						
Patients Aged 60 Years & Over Discharged from Hospitals (No.)	29,744	36,969	44,097	42,846	46,128	47,087
Percentage of Total	12.9	14.3	16.6	16.1	16.8	17.3
Bed-days Taken Up by Patients Aged 60 Years & Over Discharged from Hospitals (No.)	643,493	677,422	711,545	695,022	688,224	741,992
Percentage of Total	25.5	25.6	26.7	26.3	25.7	28.2
Average Length of Stay in Hospitals (Days)						
Below 60 Years	9.4	8.9	8.8	8.7	8.7	8.4
60 Years & Over	21.6	18.3	16.1	16.2	14.9	15.8
All Ages	11.0	10.2	10.0	9.9	9.7	9.7
Hospital Morbidity Rates of Persons Aged 60 Years & Over for Selected Disease Conditions : (Per 1,000 Population)						
Heart, & Hypertensive Diseases	23.2	27.0	29.2	31.9	30.3	28.2
Cancer	19.0	21.0	22.2	24.3	23.1	23.2
Cataract	9.3	10.4	12.8	14.9	13.4	13.8
Chronic Obstructive Lung Diseases	..	..	11.2	11.5	11.7	10.8
Cerebrovascular Diseases	8.5	10.1	9.1	10.3	8.6	9.3
Diabetes Mellitus	5.1	6.4	6.9	8.0	7.5	6.9
Fracture of Lower Limb	4.4	4.8	5.5	6.4	6.0	4.8
Pneumonia	3.4	5.1	4.5	4.6	4.3	4.5
Peptic Ulcer	4.7	5.3	5.3	5.9	5.2	4.4
Tuberculosis	4.8	5.4	4.7	4.2	4.2	3.7

2.12 MARRIAGES REGISTERED BY ETHNIC GROUP OF COUPLE

Number

Year	All Marriages Registered	Women's Charter					Muslim Law Act			
		Total	Chinese	Indians	Others	Inter-ethnic Group	Total	Malays	Others	Inter-ethnic Group
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
1984	24,940	20,446	18,255	1,256	109	826	4,494	3,496	260	738

2.13 MARRIAGES BY AGE GROUP OF GROOMS AND BRIDES, 1982-1984

Number

Age Group (Years)	1982				1983				1984			
	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	18,177	4,822	18,177	4,822	17,117	4,594	17,117	4,594	19,973	4,494	19,973	4,494
Under 15	-	-	-	1	-	-	-	-	-	-	-	-
15 - 19	105	124	1,498	896	96	116	1,346	853	84	101	1,184	720
20 - 24	4,865	1,849	9,116	2,524	4,348	1,786	8,320	2,385	4,493	1,651	9,453	2,374
25 - 29	8,512	1,891	5,525	898	8,066	1,771	5,481	856	9,717	1,806	6,900	878
30 - 34	3,141	529	1,393	287	3,157	524	1,372	292	3,943	526	1,729	276
35 - 39	876	173	384	94	825	169	369	102	1,069	189	506	132
40 - 44	368	84	149	60	299	82	130	46	334	78	116	56
45 - 49	157	64	60	41	159	68	55	34	179	51	55	30
50 & Over	153	108	52	21	167	78	44	26	154	92	30	28

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

2.14 AVERAGE AGE AT MARRIAGE OF GROOMS AND BRIDES

Years

Year	All Marriages		Women's Charter		Muslim Law Act	
	Grooms	Brides	Grooms	Brides	Grooms	Brides
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
1984	28.3	25.2	28.5	25.4	27.6	24.3

2.15 AGE SPECIFIC MARRIAGE RATES, 1970, 1977-1984

Per Thousand Unmarried Population

Age Group (Years)	1970	1977	1978	1979	1980	1981	1982	1983	1984
Males									
15 - 19	1.6	1.8	1.4	1.7	1.7	1.7	1.7	1.6	1.5
20 - 24	52.4	52.2	49.2	46.7	49.9	52.2	46.1	42.6	43.3
25 - 29	173.0	150.7	148.1	137.5	140.1	134.5	119.2	109.5	123.7
30 - 34	171.7	156.7	172.3	150.1	138.0	140.9	126.4	117.3	137.3
35 - 39	113.1	126.6	136.8	118.8	106.3	116.4	119.0	88.2	110.2
40 - 44	59.5	96.1	90.7	82.8	62.8	92.2	87.5	61.9	70.8
General Marriage Rate	51.6	53.2	53.2	51.7	55.0	58.7	54.4	51.1	58.4
Females									
15 - 19	19.1	19.7	17.3	17.5	18.4	19.5	18.5	17.7	16.1
20 - 24	123.8	110.1	103.2	100.0	110.5	112.9	101.0	95.0	104.8
25 - 29	192.3	143.8	139.3	120.3	136.5	136.7	117.3	111.9	131.8
30 - 34	99.1	93.6	97.9	88.5	74.3	75.9	74.7	67.1	73.2
35 - 39	46.0	57.5	58.8	41.2	43.6	50.4	48.5	39.5	45.1
40 - 44	18.1	20.9	28.5	30.6	22.0	27.9	24.9	20.7	19.4
General Marriage Rate	67.3	67.1	64.5	62.3	68.9	73.0	67.1	63.6	71.4

2.16 DIVORCES BY ETHNIC GROUP OF COUPLE, 1980-1984

Year	Women's Charter					Muslim Law Act				
	Total	Chinese	Indians	Others	Inter-ethnic Group	Total	Malays	Indians	Others	Inter-ethnic Group
	Number									
1980	1,216	1,081	76	13	46	505	380	32	5	88
1981	1,441	1,301	84	13	43	614	472	36	5	101
1982	1,575	1,384	89	26	76	536	434	26	2	74
1983	1,602	1,427	92	11	72	711	549	39	6	117
1984	1,676	1,484	115	11	66	637	505	24	3	105
	Per Cent									
1980	100.0	88.9	6.2	1.1	3.8	100.0	75.3	6.3	1.0	17.4
1981	100.0	90.3	5.8	0.9	3.0	100.0	76.9	5.9	0.8	16.4
1982	100.0	87.9	5.7	1.6	4.8	100.0	81.0	4.8	0.4	13.8
1983	100.0	89.1	5.7	0.7	4.5	100.0	77.2	5.5	0.8	16.5
1984	100.0	88.5	6.9	0.7	3.9	100.0	79.3	3.7	0.5	16.5

Note : Figures for divorces under the Women's Charter include annulments of marriage.

2.17 DIVORCEES BY AGE GROUP AND SEX, 1982-1984

Number

Age Group (Years)	1982				1983				1984			
	Males		Females		Males		Females		Males		Females	
	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
Total	1,575	536	1,575	536	1,602	711	1,602	711	1,676	637	1,676	637
Under 20	-	2	-	16	-	5	1	22	-	1	-	27
20 - 24	33	42	174	106	25	65	188	181	32	75	152	152
25 - 29	302	115	498	160	306	192	489	191	297	168	498	172
30 - 34	484	128	398	111	495	150	414	135	472	145	431	123
35 - 39	277	79	212	64	297	106	216	81	341	87	249	66
40 - 44	179	56	117	42	188	62	114	46	187	54	111	36
45 - 49	118	37	39	11	111	55	58	21	99	42	56	30
50 & Over	77	63	36	22	81	59	24	31	100	65	34	31
Not Stated	105	14	101	4	99	17	98	3	148	-	145	-
Mean Age (Years)	35.8	35.9	32.2	30.7	35.9	34.7	32.1	30.4	36.2	35.4	32.5	31.3

Note : See note to Table 2.16.

3 LABOUR, EMPLOYMENT AND PRODUCTIVITY

3 LABOUR, EMPLOYMENT AND PRODUCTIVITY

Labour Force

Data for 1974 to 1979 and 1981 to 1984 were based on the annual labour force surveys conducted by the Ministry of Labour in June of each year, whereas data for 1980 were based on the 1980 Census of Population conducted by the Department of Statistics. Data for 1981 to 1984 referred to persons aged fifteen years and over while data for the earlier years referred to persons aged ten years and over.

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

Employed Persons : Persons 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 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

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. Individual 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) who have found jobs are 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 Survey conducted by the Research and Statistics Division of the Ministry of Labour. The survey which is conducted twice a year covers establishments employing at least ten paid workers.

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. Payments-in-kind, payroll tax and the employers' CPF contributions are excluded.

Weekly Hours : They refer to the total number of hours worked during the reference week

of the survey. It is the sum of standard working hours and overtime hours of work.

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 January 1982, members who are covered by Home Protection Insurance Scheme can use their CPF savings to pay for the insurance premiums. With the implementation of Medisave Scheme on 1 April 1984, members are allowed to use their CPF savings for payment of hospital bills.

Employers are required to pay monthly contributions to the Fund for every employee. However, it is not mandatory for the self-employed and unpaid family workers to be a member of the scheme.

The rates of contribution payable to the Fund from 1 July 1984 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 25% 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 35% 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 10% 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 50% of the employee's ordinary wages for the month subject to a maximum of \$2,500. - b 50% of the amount of additional wages payable to the employee in the month.	An amount equal to the sum of — - a 25% of the employee's ordinary wages for the month subject to a maximum of \$1,250. - b 25% of the amount of additional wages payable to the employee in the month.

Productivity

The National Productivity Board (NPB) continued to emphasize the training of managers and supervisors, focussing especially on the practical skills of effective people-centred management so as to enable them to better motivate their subordinates towards higher productivity. Management training also covered functional aspects such as business administration, financial management, marketing and computer applications. Training-the-Trainer Programmes were launched to groom training and human resource professionals to develop and implement effective training activities within their own companies. Training in basic industrial and operations engineering techniques was also conducted to assist firms to utilize their manpower resources more efficiently.

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 subordinates and

between management and the union, team-building 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		Unemployment Rate
	Total			Employed		Unemployed				
	Persons	Males	Females	Males	Females	Males	Females	Males	Females	
	Thousand							Per Cent		
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
1984	1,187.8	753.3	434.5	733.4	422.2	20.0	12.3	84.5	48.9	2.7

Note : Data cover persons aged 15-64 years.

Source : Ministry of Labour

1 Census of Population, 1980.

3.2 PERSONS AGED 15 AND OVER BY ACTIVITY STATUS, AGE GROUP AND SEX, 1984

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	1,904.0	946.2	957.8	1,207.4	768.2	439.1	1,174.8	748.0	426.8	32.5	20.2	12.4	696.6	177.9	518.7
15 – 19	257.2	131.3	125.9	94.9	48.2	46.7	89.5	46.2	43.3	5.4	2.0	3.4	162.3	83.2	79.2
20 – 24	288.7	145.9	142.7	245.6	131.6	114.1	235.4	125.5	109.9	10.3	6.0	4.2	43.0	14.4	28.7
25 – 29	277.7	137.7	140.0	225.8	133.9	92.0	220.3	129.8	90.5	5.5	4.0	1.5	51.9	3.9	48.0
30 – 34	244.0	120.9	123.1	180.8	119.2	61.6	177.7	117.2	60.5	3.0	1.9	1.1	63.2	1.7	61.5
35 – 39	187.4	93.0	94.4	133.8	91.7	42.1	131.3	90.2	41.1	2.5	1.6	0.9	53.6	1.3	52.3
40 – 44	147.5	73.0	74.5	103.1	71.8	31.3	101.3	70.4	30.9	1.8	1.4	0.4	44.4	1.2	43.2
45 – 49	124.4	61.2	63.2	81.0	59.3	21.8	79.7	58.3	21.4	1.4	1.0	0.4	43.4	2.0	41.5
50 – 54	103.1	52.2	50.9	60.5	47.8	12.7	59.4	46.8	12.6	1.1	1.0	0.1	42.6	4.4	38.1
55 – 59	83.6	43.0	40.6	39.6	32.0	7.7	38.8	31.3	7.6	0.8	0.7	0.1	44.0	11.0	33.0
60 & Over	190.4	87.9	102.5	42.2	32.9	9.3	41.4	32.3	9.1	0.7	0.6	0.2	148.2	55.0	93.2

Source : Ministry of Labour

3.3 AGE-SEX SPECIFIC LABOUR FORCE PARTICIPATION RATES, 1970, 1980 AND 1982-1984

Per Cent

Age Group (Years)	1970 ¹			1980 ¹			1982			1983			1984		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
Total	56.5	82.3	29.5	63.2	81.5	44.3	63.4	81.5	45.2	63.8	81.6	45.7	63.4	81.2	45.8
15 - 19	49.5	55.7	43.0	49.1	47.5	50.7	43.1	42.2	43.9	41.4	41.9	40.8	36.9	36.7	37.1
20 - 24	73.5	92.9	53.6	86.1	93.4	78.4	86.0	92.2	79.4	85.5	91.9	78.7	85.1	90.2	79.9
25 - 29	64.5	98.0	30.8	78.3	97.2	58.7	80.3	97.8	62.6	80.8	97.5	63.8	81.3	97.2	65.7
30 - 34	60.6	98.3	22.7	71.5	97.9	44.2	72.7	98.5	46.7	73.8	98.4	48.5	74.1	98.6	50.0
35 - 39	60.2	98.4	19.3	68.0	98.0	37.1	69.8	98.3	41.4	71.5	98.4	44.7	71.4	98.6	44.6
40 - 44	60.8	98.1	17.8	65.8	97.6	33.2	67.8	98.0	38.5	68.6	98.3	39.7	69.9	98.4	42.0
45 - 49	60.0	96.2	17.5	61.8	95.7	26.5	64.2	96.6	33.2	64.0	96.6	32.1	65.1	96.8	34.4
50 - 54	55.0	88.1	17.5	56.3	89.6	20.4	57.2	90.4	23.1	58.2	89.4	25.4	58.7	91.5	25.0
55 - 59	46.2	73.9	16.2	43.6	70.7	14.5	47.8	75.4	18.6	46.9	73.7	18.2	47.4	74.4	18.8
60 - 64	35.0	55.6	13.4	31.9	52.5	11.3	31.4	53.9	10.0	33.7	54.1	12.4	34.4	54.1	14.2
65 - 69	25.3	41.2	9.8	23.5	38.6	9.5	23.5	39.1	9.6	24.3	40.0	9.0	22.7	38.3	9.1
70 - 74	14.5	25.8	5.7	15.0	25.1	6.2	16.3	27.7	6.7	15.3	26.7	5.7	15.1	24.3	7.5
75 & Over	6.3	14.4	2.1	6.6	13.3	2.5	6.9	13.0	3.0	7.4	14.8	2.5	7.6	14.5	3.2

¹ Census of Population.

Source : Ministry of Labour

3.4 EMPLOYED PERSONS BY INDUSTRY, 1970, 1977-1984

Thousand

Industry ¹	1970 ²	1977	1978	1979	1980 ²	1981	1982	1983	1984
Total	650.9	903.9	958.9	1,021.0	1,077.1	1,112.7	1,140.6	1,167.6	1,174.8
Agriculture & Fishing	22.5	19.8	17.8	15.2	17.0	12.7	11.6	11.8	8.8
Quarrying	2.2	1.6	1.1	1.5	1.1	1.2	2.5	2.3	1.9
Manufacturing	143.1	245.5	270.6	294.7	324.1	326.1	336.0	324.4	322.2
Utilities	7.6	11.4	9.7	9.8	8.5	9.2	7.9	8.5	9.2
Construction	43.1	42.0	51.5	54.3	72.3	66.4	71.9	84.0	99.8
Trade	152.6	212.7	225.0	237.4	229.8	252.6	253.6	265.0	264.6
Transport & Communications	79.0	105.6	109.2	118.9	119.9	127.6	129.8	131.9	122.4
Financial & Business Services	25.8	59.7	64.4	72.0	79.4	84.4	89.8	95.0	100.9
Other Services	174.6	204.3	207.8	216.4	224.6	229.7	235.5	243.1	242.2
Activities Not Adequately Defined	0.4	1.3	1.8	0.8	0.4	2.8	2.0	1.6	2.8

Note : Data prior to 1981 refer to persons aged 10 years and over.

From 1981, figures refer to persons aged 15 years and over.

Source : Ministry of Labour

¹ Data for 1970 and 1980-1984 were classified according to the Singapore Standard Industrial Classification (SSIC) 1978 while data for 1977-1979 were classified according to SSIC 1973.

² Census of Population.

3.5 EMPLOYED PERSONS BY OCCUPATION, 1970, 1977-1984

Thousand

Occupation ¹	1970 ²	1977	1978	1979	1980 ²	1981	1982	1983	1984
Total	650.9	903.9	958.9	1,021.0	1,077.1	1,112.7	1,140.6	1,167.6	1,174.8
Professional & Technical Workers	56.1	84.6	81.8	87.6	95.1	98.6	106.3	111.4	119.1
Administrative, Managerial & Executive Workers	15.5	28.0	26.4	28.2	52.2	54.8	58.3	62.3	70.0
Clerical Workers	82.9	139.1	150.6	161.5	167.5	168.3	186.9	196.1	194.8
Sales Workers	102.6	141.6	147.5	156.0	132.0	162.3	153.2	161.9	162.0
Service Workers	88.8	97.6	107.1	113.5	112.2	122.6	124.3	126.1	130.0
Agricultural Workers & Fishermen	26.9	23.2	21.0	18.2	20.9	16.6	15.4	15.7	12.7
Production, Transport & Other Manual Workers	255.0	331.3	365.7	394.5	435.0	433.3	439.0	441.0	439.4
Workers Not Classifiable by Occupation	23.1	58.7	58.8	61.5	62.2	56.2	57.2	53.1	46.7

Note : See note to Table 3.4.

Source : Ministry of Labour

1 Data for 1970 and 1980-1984 were classified according to the Singapore Standard Occupational Classification (SSOC) 1978 while data for 1977-1979 were classified according to SSOC 1973.

2 Census of Population.

3.6 EMPLOYED PERSONS AGED 15 AND OVER BY INDUSTRY AND OCCUPATION, 1984

Thousand

Industry	Occupation Total	Professional & Technical Workers	Administrative, Managerial & Executive Workers	Clerical Workers	Sales Workers	Services Workers	Agricultural Workers & Fishermen	Production, Transport & Other Manual Workers	Workers Not Classifiable by Occupation
Total	1,174.8	119.1	70.0	194.8	162.0	130.0	12.7	439.4	46.7
Agriculture & Fishing	8.8	0.2	0.3	0.2	-	0.2	7.6	0.2	-
Quarrying	1.9	0.4	0.2	0.3	-	0.1	-	0.9	-
Manufacturing	322.2	20.2	20.2	35.0	5.8	6.0	0.2	234.8	-
Utilities	9.2	1.6	0.2	1.9	-	0.3	-	5.1	-
Construction	99.8	6.6	3.7	6.7	-	0.7	0.1	81.8	-
Trade	264.6	4.2	15.0	41.1	149.4	37.1	0.1	17.8	-
Transport & Communications	122.4	8.5	8.0	33.9	0.5	6.4	0.1	65.0	-
Financial & Business Services	100.9	16.6	16.1	44.2	5.8	11.4	1.6	5.2	-
Other Services	242.2	60.8	6.3	31.5	0.4	67.8	3.0	26.1	46.4
Activities Not Adequately Defined	2.8	-	-	-	-	-	-	2.5	0.3

Source : Ministry of Labour

3.7 GOVERNMENT EMPLOYEES BY DIVISIONAL STATUS

Divisional Status	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Number											
Total	56,670	58,777	59,776	61,707	68,569	72,281	71,081	69,866	68,677	69,051	69,298
Division I	4,027	4,415	4,670	5,034	7,159	7,603	7,796	8,068	8,467	8,911	9,547
Division II	17,141	17,542	18,015	18,655	23,122	23,491	23,051	22,724	22,962	23,441	23,101
Division III	18,695	20,277	20,842	21,782	22,517	25,317	24,892	23,947	22,778	22,162	22,251
Division IV	16,807	16,543	16,249	16,236	15,771	15,870	15,342	15,127	14,470	14,537	14,399
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
Division I	7.1	7.5	7.8	8.2	10.5	10.5	11.0	11.5	12.3	12.9	13.8
Division II	30.2	29.8	30.1	30.2	33.7	32.5	32.4	32.5	33.4	33.9	33.3
Division III	33.0	34.5	34.9	35.3	32.8	35.0	35.0	34.3	33.2	32.1	32.1
Division IV	29.7	28.2	27.2	26.3	23.0	22.0	21.6	21.7	21.1	21.1	20.8

Note : Figures exclude daily-rated employees.

3.8 EMPLOYED PERSONS BY GROSS MONTHLY INCOME, 1974-1984

Thousand

Gross Monthly Income (\$)	1974	1975	1976	1977	1978	1979	1980 ¹	1981	1982	1983	1984
Total	824.3	833.5	870.4	903.9	958.9	1,021.0	1,072.9	1,087.4	1,114.0	1,141.8	1,151.2
Under 200	334.6	263.4	237.9	225.6	211.6	183.6	105.4	80.3	68.2	64.8	55.3
200 - 399	305.2	356.0	366.6	381.9	415.0	443.2	430.6	416.9	319.0	253.8	195.5
400 - 599	98.3	109.9	138.2	146.0	177.1	200.6	246.0	278.6	303.4	312.6	311.1
600 - 799	34.0	38.4	50.9	54.5	63.0	77.8	101.3	121.7	157.3	173.8	191.7
800 - 999	15.9	18.6	24.0	27.4	29.5	36.0	52.6	56.1	75.1	91.2	108.0
1,000 - 1,499	23.4	25.4	29.9	36.9	37.6	43.6	62.2	72.9	96.1	116.8	135.7
1,500 & Over	13.0	21.9	23.0	31.6	25.1	36.3	74.8	60.9	94.8	128.8	153.9

Note : See note to Table 3.4.

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	1984
All Industries	111.1	116.3	124.3	131.3	142.8	161.4	184.1	212.3	231.3	252.7
Agriculture & Fishing	103.3	96.6	104.8	107.7	118.0	139.4	157.7	194.0	194.4	226.4
Quarrying	157.4	156.0	172.0	195.7	214.7	249.9	350.0	378.3	490.7	505.0
Manufacturing	92.5	96.2	102.9	109.5	118.8	134.1	156.4	172.6	191.6	211.6
Utilities	120.5	127.9	138.5	152.1	165.2	188.0	193.8	254.9	274.1	314.6
Construction	101.9	108.4	119.3	128.5	139.3	160.3	198.5	205.5	200.9	208.0
Trade	99.4	107.5	114.2	122.4	134.7	157.4	186.0	204.6	220.7	237.4
Transport & Communications	124.0	127.6	138.1	145.8	162.4	181.6	200.0	232.8	258.9	279.0
Financial & Business Services	147.5	156.4	170.0	178.9	193.8	216.3	238.5	271.7	299.5	331.8
Other Services	128.8	135.1	141.5	151.0	164.3	183.9	197.1	254.3	277.2	311.9
All Occupations	111.1	116.3	124.3	131.3	142.8	161.4	184.1	212.3	231.3	252.7
Professional, Administrative & Managerial Workers	277.9	291.4	308.0	319.7	341.9	377.9	410.9	482.5	519.8	564.5
Clerical, Sales & Service Workers	92.1	94.8	100.3	108.5	116.6	130.8	144.0	162.3	173.6	188.5
Production, Transport & Other Manual Workers	73.8	78.0	82.2	88.2	96.6	110.4	129.1	143.1	156.0	170.2

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	1984
All Industries	87.1	91.2	97.5	102.9	112.0	126.5	144.3	166.4	181.4	198.1
Agriculture & Fishing	98.0	91.6	99.4	102.1	111.9	132.2	149.5	184.0	184.4	214.7
Quarrying	85.9	85.1	93.9	106.8	117.2	136.4	191.0	206.5	267.9	275.6
Manufacturing	86.8	90.3	96.6	102.7	111.5	125.8	146.8	162.0	179.8	198.6
Utilities	84.1	89.2	96.6	106.1	115.2	131.1	135.2	177.8	191.2	219.5
Construction	82.3	87.6	96.3	103.7	112.4	129.5	160.2	165.9	162.2	167.9
Trade	83.8	90.6	96.3	103.2	113.6	132.7	156.8	172.5	186.1	200.1
Transport & Communications	86.8	89.3	96.7	102.1	113.7	127.1	140.0	163.0	181.2	195.3
Financial & Business Services	85.7	90.9	98.7	103.9	112.6	125.6	138.6	157.8	173.9	192.7
Other Services	88.0	92.3	96.7	103.1	112.3	125.6	134.7	173.7	189.4	213.2
All Occupations	87.1	91.2	97.5	102.9	112.0	126.5	144.3	166.4	181.4	198.1
Professional, Administrative & Managerial Workers	89.6	93.9	99.3	103.1	110.2	121.8	132.4	155.5	167.6	182.0
Clerical, Sales & Service Workers	87.2	89.8	95.0	102.7	110.4	123.9	136.3	153.6	164.4	178.5
Production, Transport & Other Manual Workers	86.6	91.6	96.6	103.6	113.5	129.7	151.7	168.1	183.2	199.9

Note : See note to Table 3.9

Source : Ministry of Labour

3.11 AVERAGE WEEKLY HOURS WORKED BY INDUSTRY

Hours

Industry	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
All Industries	45.4	45.4	45.6	45.9	45.8	45.9	45.6	45.4	45.6	45.6
Agriculture & Fishing	42.6	44.9	44.5	44.5	43.6	43.8	43.7	43.9	44.4	44.2
Quarrying	46.6	46.4	46.8	47.7	46.2	46.9	49.5	49.6	49.2	48.0
Manufacturing	47.7	47.8	48.2	48.5	48.0	48.0	48.1	47.6	48.1	47.8
Utilities	48.8	47.8	47.8	48.1	47.9	48.2	48.0	48.0	48.3	47.7
Construction	48.0	47.5	47.1	47.4	47.1	48.1	49.3	50.5	50.5	52.2
Trade	44.5	44.3	44.3	44.2	44.2	44.1	44.1	44.0	43.9	43.5
Transport & Communications	46.6	45.4	46.6	47.2	46.7	47.1	47.4	46.8	46.5	46.0
Financial & Business Services	43.4	43.4	43.6	43.8	43.8	43.6	43.8	43.5	43.3	43.3
Other Services	41.8	42.2	42.1	41.7	42.1	42.0	39.7	39.9	39.9	39.4

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
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
1984	6,026	11,162	6,928	4,234	25,632	14,974	10,658	3,743	2,268	1,475

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)	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	Thousand										
	622.5	647.4	677.8	713.6	779.4	832.9	863.6	917.9	927.5	917.9	943.0
	1.2	1.3	2.0	2.0	2.4	2.3	1.8	1.3	0.8	0.8	0.6
	82.9	84.0	87.6	88.4	97.4	100.2	96.0	91.2	80.3	71.3	68.5
	147.1	160.9	169.1	175.8	192.4	204.2	209.1	219.1	212.7	203.3	202.2
	109.6	127.6	135.1	142.2	154.6	165.6	173.5	189.0	197.0	197.0	203.0
	61.5	61.8	69.0	81.3	94.9	110.2	123.9	133.1	139.1	142.4	149.5
	53.6	57.8	61.0	61.9	64.9	65.5	63.5	71.3	83.4	91.8	104.9
	41.6	45.2	46.5	48.0	52.7	57.3	59.4	63.7	64.1	63.9	63.5
	34.7	37.5	38.1	39.2	41.4	42.8	44.7	47.0	48.2	50.5	54.0
	25.0	26.7	27.6	28.9	31.7	33.8	34.8	36.3	37.3	37.6	38.4
	3.8	4.3	3.9	4.4	18.9	19.6	20.2	21.5	22.9	23.1	24.2
	50.7	35.2	33.1	33.8	19.7	20.3	22.8	23.2	22.0	21.4	21.6
	10.8	5.1	4.8	7.7	8.4	11.1	13.9	21.2	19.7	14.8	12.6
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
	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.1
	13.3	13.0	12.9	12.4	12.5	12.0	11.1	9.9	8.7	7.8	7.3
	23.6	24.9	24.9	24.6	24.7	24.5	24.2	23.9	22.9	22.1	21.4
	17.6	19.7	19.9	19.9	19.8	19.9	20.1	20.6	21.2	21.5	21.5
	9.9	9.5	10.2	11.4	12.2	13.2	14.4	14.5	15.0	15.5	15.9
	8.6	8.9	9.0	8.7	8.3	7.9	7.4	7.8	9.0	10.0	11.1
	6.7	7.0	6.9	6.7	6.8	6.9	6.9	6.9	6.9	7.0	6.7
	5.6	5.8	5.6	5.5	5.3	5.1	5.2	5.1	5.2	5.5	5.7
	4.0	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.1	4.1
	0.6	0.7	0.6	0.6	2.4	2.4	2.3	2.4	2.5	2.5	2.6
	8.1	5.4	4.9	4.7	2.5	2.4	2.6	2.5	2.4	2.3	2.3
	1.8	0.8	0.7	1.1	1.1	1.3	1.6	2.3	2.1	1.6	1.3

Source : Central Provident Fund Board

3.14 CENTRAL PROVIDENT FUND CONTRIBUTORS BY WAGE LEVEL

(End of Period)

Monthly Wage Level (\$)	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
	Thousand										
Total	622.5	647.4	677.8	713.6	779.4	832.9	863.6	917.9	927.5	917.9	943.0
Below 100	27.3	24.0	23.0	22.5	23.9	20.4	12.4	9.6	7.9	6.5	7.6
100 - 199	130.5	117.5	110.4	103.2	86.1	66.9	51.3	39.9	60.8	27.8	27.9
200 - 299	161.0	162.1	175.0	185.3	203.8	184.1	135.9	115.4	81.7	77.4	73.1
300 - 399	85.0	93.1	101.7	109.9	117.1	138.3	165.8	134.2	108.2	85.0	64.8
400 - 499	57.7	62.2	68.3	74.9	82.6	96.0	100.2	129.7	119.1	110.7	91.6
500 - 599	41.8	47.4	50.0	52.7	60.6	73.5	85.8	88.6	91.8	102.5	105.6
600 - 799	45.2	55.6	57.7	63.2	77.9	93.9	107.7	127.4	129.4	140.0	153.5
800 - 999	21.3	25.8	29.0	32.7	40.8	51.6	64.2	79.0	89.2	97.3	102.0
1,000 - 1,199	13.7	15.8	16.3	18.2	22.9	29.4	37.8	51.4	56.7	67.0	75.8
1,200 - 1,499	11.1	14.0	15.4	17.4	21.0	25.2	31.0	43.8	56.8	62.1	71.5
1,500 - 1,999	16.3	21.0	11.1	12.5	16.6	22.6	30.4	40.4	47.0	55.6	66.3
2,000 - 2,499			13.2	15.1	8.1	9.6	10.9	17.7	24.1	29.6	35.7
2,500 - 2,999					4.0	5.0	6.5	9.1	13.1	17.0	19.6
3,000 & Over					6.8	8.7	12.4	18.3	27.3	32.2	43.4
Not Stated			11.6	8.9	6.7	6.0	7.2	7.7	11.3	13.4	14.4
	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	4.4	3.7	3.4	3.1	3.1	2.5	1.4	1.0	0.9	0.7	0.8
100 - 199	21.0	18.1	16.3	14.5	11.0	8.0	6.0	4.4	6.6	3.0	3.0
200 - 299	25.9	25.0	25.8	26.0	26.2	22.1	15.7	12.6	8.8	8.4	7.7
300 - 399	13.6	14.4	15.0	15.4	15.0	16.6	19.2	14.6	11.7	9.3	6.9
400 - 499	9.3	9.6	10.1	10.5	10.6	11.5	11.6	14.1	12.8	12.1	9.7
500 - 599	6.7	7.3	7.4	7.4	7.8	8.8	9.9	9.6	9.9	11.2	11.2
600 - 799	7.3	8.6	8.5	8.9	10.0	11.3	12.5	13.9	13.9	15.2	16.3
800 - 999	3.4	4.0	4.3	4.6	5.2	6.2	7.4	8.6	9.6	10.6	10.8
1,000 - 1,199	2.2	2.4	2.4	2.5	2.9	3.5	4.4	5.6	6.1	7.3	8.0
1,200 - 1,499	1.8	2.2	2.3	2.4	2.7	3.0	3.6	4.8	6.1	6.8	7.6
1,500 - 1,999	2.6	3.3	1.6	1.8	2.1	2.7	3.5	4.4	5.1	6.1	7.0
2,000 - 2,499			1.9	2.1	1.1	1.2	1.3	1.9	2.6	3.2	3.8
2,500 - 2,999					0.5	0.6	0.8	1.0	1.4	1.8	2.1
3,000 & Over					0.9	1.1	1.4	2.0	2.9	3.5	4.6
Not Stated			1.8	1.4	1.0	0.8	0.9	0.9	1.3	1.5	1.6

Source : Central Provident Fund Board

3.15 CENTRAL PROVIDENT FUND CONTRIBUTORS BY INDUSTRY

(End of Period)

Industry	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
All Industries	Thousand										
	622.5	647.4	677.8	713.6	779.4	832.9	863.6	917.9	927.5	917.9	943.0
	1.5	1.3	1.6	1.6	1.8	2.0	2.0	2.2	2.3	2.3	2.4
	1.0	1.0	1.1	1.1	1.1	1.0	1.2	1.6	1.6	1.7	0.9
	200.0	196.9	217.0	230.4	259.1	280.7	284.2	292.2	274.6	261.0	283.0
	8.2	9.1	9.2	9.1	8.9	8.8	8.2	7.9	7.8	7.7	7.7
	25.5	26.9	26.6	25.4	26.7	27.5	29.3	37.6	43.0	47.9	58.6
	125.9	130.7	139.5	149.8	166.3	179.1	187.9	203.5	212.7	210.6	208.3
	68.9	73.0	72.4	78.4	87.5	92.2	95.2	98.6	98.0	95.1	93.3
	52.3	58.4	61.5	65.1	69.9	77.4	84.3	95.1	102.1	107.0	111.6
	138.5	144.0	145.6	151.9	157.0	162.5	165.8	170.3	175.3	174.3	176.7
	0.7	6.1	3.3	0.8	1.1	1.7	5.5	8.9	10.1	10.3	0.5
All Industries	Per Cent										
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1
	32.1	30.4	32.0	32.3	33.3	33.7	32.9	31.8	29.6	28.4	30.0
	1.3	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.8
	4.1	4.2	3.9	3.6	3.4	3.3	3.4	4.1	4.6	5.2	6.2
	20.2	20.2	20.6	21.0	21.3	21.5	21.8	22.2	22.9	22.9	22.1
	11.1	11.3	10.7	11.0	11.2	11.1	11.0	10.7	10.6	10.4	9.9
	8.4	9.0	9.1	9.1	9.0	9.3	9.8	10.4	11.0	11.7	11.8
	22.3	22.2	21.5	21.3	20.2	19.5	19.2	18.5	18.9	19.0	18.8
	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)	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total Under 15 15 - 19 20 - 24 25 - 29 30 - 34 35 - 39 40 - 44 45 - 49 50 - 54 55 & Over Not Stated	Thousand										
	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	1,852.5
	1.8	1.7	2.6	2.6	3.1	3.1	2.8	2.0	1.3	1.3	1.1
	142.6	141.7	147.8	152.4	163.7	172.7	174.2	177.0	164.8	150.9	141.2
	246.2	270.6	286.2	297.0	308.4	322.5	333.5	357.2	367.5	368.6	369.9
	175.3	208.2	226.5	244.3	264.5	286.7	305.0	334.9	353.2	362.8	374.7
	109.5	110.3	123.5	146.4	168.5	197.2	227.3	252.1	271.4	290.6	310.4
	95.0	103.7	112.5	116.6	121.4	123.1	138.3	138.3	163.2	184.4	212.3
	70.6	77.8	82.6	86.5	94.9	105.2	112.2	123.8	128.0	131.8	132.3
	57.9	63.2	66.5	69.5	72.8	77.1	82.4	88.7	92.9	101.2	111.1
	42.3	45.2	48.3	51.7	56.0	60.6	64.0	68.3	71.4	74.2	78.0
	82.5	59.0	61.7	64.8	66.3	69.6	77.3	82.0	86.6	88.3	94.7
	17.9	23.0	19.3	19.3	21.2	17.8	18.7	25.4	25.0	24.8	26.8
	Per Cent										
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
	13.7	12.8	12.6	12.2	12.2	12.0	11.4	10.7	9.6	8.5	7.6
	23.6	24.5	24.3	23.8	23.0	22.5	22.0	21.7	21.3	20.7	20.0
	16.8	18.9	19.2	19.5	19.7	20.0	20.1	20.3	20.5	20.4	20.2
	10.5	10.0	10.5	11.7	12.6	13.7	15.0	15.3	15.7	16.3	16.8
	9.1	9.4	9.6	9.3	9.1	8.6	8.0	8.4	9.5	10.4	11.5
	6.8	7.0	7.0	6.9	7.1	7.3	7.4	7.5	7.4	7.4	7.1
	5.6	5.7	5.7	5.6	5.4	5.4	5.4	5.4	5.4	5.7	6.0
	4.1	4.1	4.1	4.1	4.2	4.2	4.2	4.1	4.1	4.2	4.2
	7.9	5.3	5.2	5.2	4.9	4.9	5.1	5.0	5.0	4.9	5.1
	1.7	2.1	1.6	1.5	1.6	1.2	1.2	1.5	1.4	1.4	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 (\$)	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
	Thousand										
Total	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	1,852.5
Below 200	268.0	259.9	262.5	266.8	275.8	267.6	259.5	267.9	244.8	241.9	237.1
200 - 399	117.0	106.3	110.5	112.9	116.0	110.4	104.0	115.5	112.8	110.9	113.7
400 - 599	83.6	74.1	73.5	75.1	78.2	79.1	72.2	76.0	75.0	73.6	77.0
600 - 799	65.9	60.8	57.5	59.8	61.7	63.3	58.1	58.4	58.8	56.9	58.5
800 - 999	55.4	50.8	48.0	49.6	51.5	53.2	49.7	48.7	47.6	47.1	48.2
1,000 - 1,999	162.9	173.0	172.1	168.9	179.0	188.0	184.6	172.3	168.3	159.3	164.6
2,000 - 2,999	78.7	99.3	104.9	110.5	113.8	123.5	131.4	124.6	116.1	106.5	110.5
3,000 - 3,999	51.0	61.0	73.5	76.8	82.1	89.6	100.0	102.5	94.1	84.9	87.6
4,000 - 5,999	57.2	75.1	89.7	103.9	110.3	123.7	139.3	156.5	148.6	136.9	139.6
6,000 - 7,999	31.9	43.4	52.2	61.3	72.4	80.3	93.5	109.1	117.5	109.8	107.8
8,000 - 9,999	19.5	27.2	34.4	39.6	46.3	57.6	65.8	79.4	91.7	92.0	88.6
10,000 - 19,999	] 50.5	50.1	66.3	82.7	97.0	122.2	154.4	193.9	242.5	276.8	284.5
20,000 - 29,999		13.4	16.9	21.6	27.4	37.0	50.7	67.0	94.4	121.4	134.2
30,000 & Over		10.0	15.5	21.6	29.3	40.1	55.5	77.9	113.1	160.9	200.6
		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	25.7	23.5	22.3	21.3	20.6	18.6	17.1	16.2	14.2	13.6	12.8
200 - 399	11.2	9.6	9.4	9.0	8.7	7.7	6.8	7.0	6.5	6.2	6.1
400 - 599	8.0	6.7	6.3	6.0	5.8	5.5	4.8	4.6	4.3	4.1	4.2
600 - 799	6.3	5.5	4.9	4.8	4.6	4.4	3.8	3.5	3.4	3.2	3.2
800 - 999	5.3	4.6	4.1	4.0	3.8	3.7	3.3	3.0	2.8	2.6	2.6
1,000 - 1,999	15.6	15.7	14.6	13.5	13.3	13.1	12.2	10.4	9.8	9.0	8.9
2,000 - 2,999	7.6	9.0	8.9	8.8	8.5	8.6	8.7	7.6	6.7	6.0	6.0
3,000 - 3,999	4.9	5.5	6.2	6.1	6.1	6.3	6.6	6.2	5.4	4.8	4.7
4,000 - 5,999	5.5	6.8	7.6	8.3	8.2	8.6	9.2	9.5	8.6	7.7	7.5
6,000 - 7,999	3.1	3.9	4.4	4.9	5.4	5.6	6.1	6.6	6.8	6.2	5.8
8,000 - 9,999	1.9	2.5	2.9	3.2	3.5	4.0	4.3	4.8	5.3	5.2	4.8
10,000 - 19,999	] 4.9	4.5	5.6	6.6	7.2	8.5	10.2	11.8	14.1	15.6	15.4
20,000 - 29,999		1.2	1.5	1.7	2.0	2.6	3.3	4.1	5.5	6.8	7.2
30,000 & Over		1.0	1.3	1.8	2.3	2.8	3.6	4.7	6.6	9.0	10.8

Source : Central Provident Fund Board

3.18 ENROLMENT FOR COURSES CONDUCTED BY THE NATIONAL PRODUCTIVITY BOARD, 1982-1984

	Number		
	1982	1983	1984
Total	8,788	11,339	12,735
Management & Supervisory Development	6,204	6,952	7,028
Diploma/Certificate Programmes	956	869	1,259
Management Development	956	869	1,075
Supervisory Development	-	-	184
Management Skills Courses	5,248	6,083	5,769
People-centred Management	720	900	823
Functional Management	1,182	1,549	1,213
Supervisory Management	3,346	3,634	3,505
Productivity Training	-	-	228
Labour-Management Relations	1,228	2,195	3,131
Quality Control Circles	1,117	1,548	2,060
Work Excellence	111	240	479
Joint NPB-NTUC Union Leaders Training	-	376	436
Teambuilding for Higher Productivity	-	31	156
Others	1,356	2,192	2,576
Occupational Safety & Health	1,308	2,085	2,135
National Productivity Association	48	107	181
Productivity Education Programme	-	-	73
Industrial & Operations Engineering	-	-	187

Source : National Productivity Board

3.19 PARTICIPANTS IN SEMINARS AND WORKSHOPS, 1982-1984

Number

	1982	1983	1984
Total	6,280	18,264	23,172
Management & Supervisory Development	987	3,054	3,037
Quality Control Circles	4,933	11,201	15,291
Joint Labour Management Consultation	167	2,848	2,211
Workshops conducted by Productivity Experts	-	210	777
Others (including Occupational Safety & Health)	193	951	1,856

Source : National Productivity Board

3.20 QUALITY CONTROL CIRCLES, 1982-1984

Number

	1982					1983					1984				
	Total	Feb-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Total	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Total	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
Registered Quality Control Circles	354	132	89	90	43	1,106	525	192	194	195	1,074	195	442	178	259
Organisations (Companies, Government Bodies, & Statutory Boards)	44	24	8	8	4	54	29	11	8	6	30	11	11	2	6
Membership	2,682	964	689	711	318	8,179	3,821	1,435	1,406	1,517	7,862	1,383	2,938	1,197	2,344

Source : National Productivity Board

3.21 TRADE UNIONS AND MEMBERSHIP

Number

Year	Employee Class		Employer Class	
	Unions	Members	Unions	Members
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
1984	86	192,394	7	997

Source : Ministry of Labour

3.22 INDUSTRIAL STOPPAGES AND TRADE DISPUTES

Year	Industrial Stoppages			Trade Disputes ¹
	Number	Workers Involved	Man-days Lost	Number
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
1984	-	-	-	338

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

The official and expenditure approaches are adopted for compiling national income aggregates of Singapore. The compilation follows closely the concepts, definitions and methodology given in the United Nations publication "A System of National Accounts 1953".

Singapore is a small island country with a large state of foreign workers. Consequently a large share of the compensation of employees and of the operating surplus as well as the formation of fixed capital outlays are recorded in national accounts as payments to foreign and foreign enterprises. However, the balance of payments accounts records the net flow of payments to and from the rest of the world.

As such, gross domestic product (GDP) as conventionally defined is not a residual basis. Hence a new series of the income of Singapore is derived, which excludes the on indigenous per capita GDP which excludes the foreign contribution to income. This involves the calculation of income earned by foreign workers and foreign enterprises within the territory of Singapore and the exclusion of the amount from the GDP. The

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 follows 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 is 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 prices in the base year (1968 in the present series). They measure implicitly the price changes in the current price aggregates since the base year.

GNP, GDP and expenditure on GDP are valued at market prices, that is, they are valued at the actual transacted prices and include 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 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.

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

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984*
Total Gross Domestic Product	12,543	13,373	14,575	15,969	17,751	20,452	24,285	28,653	31,783	35,371	38,874
Share of Resident Foreigners & Resident Foreign Companies in GDP	2,990	3,059	3,289	3,431	4,616	6,220	7,537	8,399	9,126	9,675	10,496
Indigenous GDP	9,553	10,314	11,286	12,538	13,135	14,232	16,748	20,254	22,657	25,696	28,378
Net Factor Receipts of Singaporeans from Rest of the World	413	747	711	743	911	1,287	1,373	1,656	1,901	2,524	2,864
Indigenous GNP	9,966	11,061	11,997	13,281	14,046	15,519	18,121	21,910	24,558	28,220	31,242
Per Capita Indigenous GNP (S\$)	4,491	4,889	5,231	5,712	5,968	6,511	7,507	8,968	9,935	11,279	12,353

4.2 OUTPUT, SAVING AND INVESTMENT

(At Current Market Prices)

Million Dollars

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984*
Gross National Product											
Gross National Product at Market Prices	12,192.6	13,496.5	14,493.9	15,781.6	17,707.6	20,373.4	23,312.9	27,656.3	30,883.6	34,962.0	38,514.9
Gross Domestic Product at Factor Cost	11,738.2	12,507.2	13,586.2	14,846.7	16,474.9	18,904.9	22,466.0	26,480.5	29,303.6	32,450.1	35,462.7
Indirect Taxes	805.0	865.8	989.0	1,122.2	1,275.7	1,547.4	1,818.8	2,172.7	2,479.5	2,920.8	3,411.1
Net Factor Income from Abroad	-350.6	123.5	-81.3	-187.3	-43.0	-78.9	-971.9	-996.9	-899.5	-408.9	-358.9
Generation of Gross National Saving											
Gross National Saving	3,102.4	3,850.9	4,441.2	4,904.4	5,649.0	6,946.6	7,641.8	9,905.6	11,508.4	14,020.4	16,025.3
Gross Domestic Saving	3,548.1	3,819.7	4,643.6	5,200.0	5,780.4	7,101.6	8,723.0	11,032.5	12,653.0	14,818.7	16,824.6
Gross Domestic Product at Market Prices	12,543.2	13,373.0	14,575.2	15,968.9	17,750.6	20,452.3	24,284.8	28,653.2	31,783.1	35,370.9	38,873.8
Less : Private & Government											
Consumption Expenditure	8,956.0	9,543.7	10,147.4	10,984.9	12,113.8	13,278.8	15,426.7	17,365.9	19,237.9	20,788.7	22,152.9
Statistical Discrepancy	-39.1	-9.6	215.8	216.0	143.6	-71.9	-135.1	-254.8	107.8	236.5	103.7
Net Factor Income from Abroad	-350.6	123.5	-81.3	-187.3	-43.0	-78.9	-971.9	-996.9	-899.5	-408.9	-358.9
Net Transfers from Abroad	-95.1	-92.3	-121.1	-108.3	-88.4	-76.1	-109.3	-130.0	-245.1	-389.4	-440.4
Finance of Gross Domestic Capital Formation											
Gross Domestic Capital Formation	5,592.0	5,236.1	5,843.0	5,624.2	6,678.0	8,546.7	10,991.1	12,826.1	14,290.2	16,113.9	18,160.4
Gross National Saving	3,102.4	3,850.9	4,441.2	4,904.4	5,649.0	6,946.6	7,641.8	9,905.6	11,508.4	14,020.4	16,025.3
Net Borrowing from Abroad	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	2,093.5	2,135.1

4.3 GROSS DOMESTIC PRODUCT BY INDUSTRY

Million Dollars

Industry	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984*
Total Agriculture & Fishing Quarrying Manufacturing Utilities Construction Trade Transport & Communications Financial & Business Services Other Services Less : Imputed Bank Service Charge Add : Import Duties	At Current Market Prices										
	12,543.2	13,373.0	14,575.2	15,968.9	17,750.6	20,452.3	24,284.8	28,653.2	31,783.1	35,370.9	38,873.8
	229.9	254.2	256.8	283.1	273.7	295.2	320.3	355.1	347.2	347.5	354.1
	33.6	47.1	56.2	49.1	38.4	42.9	81.8	104.6	130.3	144.7	136.7
	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	8,757.2	9,728.4
	231.6	250.2	273.7	291.9	351.5	424.7	557.8	484.9	601.4	703.2	792.9
	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	3,883.9	4,573.9
	3,588.3	3,608.0	3,815.2	4,232.1	4,631.0	5,135.9	5,719.6	6,276.7	6,931.3	7,273.1	7,454.8
	1,338.0	1,517.6	1,795.5	2,123.6	2,616.8	2,920.3	3,476.7	3,938.6	4,201.6	4,656.2	5,076.0
	1,882.0	2,123.7	2,233.0	2,349.9	2,581.6	3,144.4	4,175.4	5,466.1	6,444.7	7,311.9	8,385.7
	1,392.2	1,576.1	1,679.4	1,746.8	1,911.9	2,149.1	2,457.2	2,883.1	3,591.2	4,089.0	4,561.9
	389.4	542.2	611.6	632.7	737.6	1,039.2	1,410.9	1,778.6	2,109.9	2,306.8	2,704.7
	223.1	228.1	260.4	304.1	340.2	369.7	426.8	427.9	481.5	511.0	514.0
	At 1968 Market Prices										
	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	16,863.8	18,238.2
Agriculture & Fishing	135.5	139.9	154.9	156.5	155.4	160.7	163.9	165.4	159.8	157.0	163.2
Quarrying	29.4	39.2	43.1	42.0	36.4	41.5	44.7	58.3	73.7	88.6	86.8
Manufacturing	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	3,434.6	3,761.2
Utilities	208.5	223.3	244.4	276.1	326.1	355.8	381.1	407.6	422.8	456.9	490.5
Construction	459.4	533.9	591.3	578.4	536.1	575.0	632.9	745.3	1,041.2	1,396.1	1,614.4
Trade	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	3,818.2	4,028.8
Transport & Communications	1,123.8	1,230.7	1,399.3	1,629.9	1,885.3	2,149.3	2,445.5	2,788.4	3,075.8	3,308.9	3,634.7
Financial & Business Services	1,328.1	1,491.4	1,573.2	1,651.9	1,769.7	1,988.7	2,408.4	2,844.4	3,133.7	3,512.3	3,884.7
Other Services	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	1,905.0	1,999.9
Less : Imputed Bank Service Charge	288.2	387.4	429.5	435.7	471.3	660.9	893.6	1,102.2	1,283.2	1,460.7	1,660.0
Add : Import Duties	158.9	151.6	163.6	181.6	196.1	210.9	238.2	228.7	252.4	246.9	234.0

4.4 QUARTERLY GROSS DOMESTIC PRODUCT BY INDUSTRY

(At 1968 Market Prices)

Million Dollars

Period	Total	Agriculture & Fishing	Quarrying	Manufacturing	Utilities	Construction	Trade	Transport & Communi- cations	Financial & Business Services	Other Services	Less Imputed Bank Service Charge	Add Import Duties
1979												
1st Qtr	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 Qtr	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 Qtr	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 Qtr	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 Qtr	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 Qtr	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 Qtr	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 Qtr	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 Qtr	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 Qtr	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 Qtr	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 Qtr	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 Qtr	3,756.2	41.2	15.4	835.6	98.4	217.2	886.3	741.0	741.2	417.9	303.4	65.4
2nd Qtr	3,837.5	38.9	16.8	863.8	106.0	251.4	877.4	762.8	768.7	421.5	326.1	56.3
3rd Qtr	3,964.1	39.8	20.0	846.2	109.4	276.5	928.5	785.1	792.4	435.5	331.2	61.9
4th Qtr	4,069.7	39.9	21.5	812.7	109.0	296.1	972.0	786.9	831.4	453.9	322.5	68.8
1983												
1st Qtr	3,968.9	39.7	21.8	776.7	103.9	285.3	918.1	787.9	846.0	470.7	345.4	64.2
2nd Qtr	4,148.0	38.1	22.4	851.7	116.3	352.3	912.2	819.9	873.4	463.9	360.9	58.7
3rd Qtr	4,302.6	39.4	21.3	885.1	119.4	366.4	966.7	844.6	888.9	480.7	370.0	60.1
4th Qtr	4,444.3	39.8	23.1	921.1	117.3	392.1	1,021.2	856.5	904.0	489.7	384.4	63.9
1984*												
1st Qtr	4,410.2	39.8	20.2	873.8	113.9	391.8	974.9	867.4	946.7	514.4	396.2	63.5
2nd Qtr	4,513.3	40.1	21.4	965.3	123.2	405.7	953.4	917.9	948.8	491.4	406.9	53.0
3rd Qtr	4,627.1	39.9	22.9	964.8	126.5	412.3	1,020.0	921.8	990.5	497.4	428.6	59.6
4th Qtr	4,687.6	43.4	22.3	957.3	126.9	404.6	1,080.5	927.6	998.7	496.7	428.3	57.9

4.5 GROSS DOMESTIC PRODUCT DEFLATORS BY INDUSTRY

(1968 = 100)

Industry	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984*
Total	148.5	152.1	154.3	156.7	160.3	168.8	181.7	195.0	203.4	209.7	213.1
Agriculture & Fishing	169.7	181.7	165.8	180.9	176.1	183.7	195.4	214.7	217.3	221.3	217.0
Quarrying	114.3	120.2	130.4	116.9	105.5	103.4	183.0	179.4	176.8	163.3	157.5
Manufacturing	161.4	171.7	173.2	177.8	184.3	200.7	215.2	239.0	244.9	255.0	258.7
Utilities	111.1	112.0	112.0	105.7	107.8	119.4	146.4	119.0	142.2	153.9	161.7
Construction	202.3	203.0	203.8	207.5	209.3	216.1	246.6	275.6	282.3	278.2	283.3
Trade	153.2	152.1	155.7	160.1	163.8	169.2	175.4	181.5	189.2	190.5	185.0
Transport & Communications	119.1	123.3	128.3	130.3	138.8	135.9	142.2	141.2	136.6	140.7	139.7
Financial & Business Services	141.7	142.4	141.9	142.3	145.9	158.1	173.4	192.2	205.7	208.2	215.9
Other Services	134.3	141.3	143.3	144.6	146.4	155.3	167.3	183.7	207.7	214.6	228.1

4.6 EXPENDITURE ON GROSS DOMESTIC PRODUCT

Million Dollars

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984*	
Total	At Current Market Prices											
	12,543.2	13,373.0	14,575.2	15,968.9	17,750.6	20,452.3	24,284.8	28,653.2	31,783.1	35,370.9	38,873.8	
	Private Consumption Expenditure	7,657.6	8,120.7	8,605.9	9,268.6	10,149.1	11,245.2	12,979.3	14,577.3	15,667.5	16,810.0	17,845.6
	Government Consumption Expenditure	1,298.4	1,423.0	1,541.5	1,716.3	1,964.7	2,033.6	2,447.4	2,788.6	3,570.4	3,978.7	4,307.3
	Gross Domestic Fixed Capital Formation	4,694.8	4,698.4	5,149.1	5,282.8	6,085.7	7,166.4	9,566.6	12,033.6	14,874.8	16,973.1	18,036.3
	Increase in Stocks	897.2	537.7	693.9	341.4	592.3	1,380.3	1,424.5	792.5	-584.6	-859.2	124.1
	Less : Net Imports of Goods & Services	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	1,295.2	1,335.8
	Statistical Discrepancy	39.1	9.6	-215.8	-216.0	-143.6	71.9	135.1	254.8	-107.8	-236.5	-103.7
	At 1968 Market Prices											
	Total	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	16,863.8	18,238.2
Private Consumption Expenditure	5,436.1	5,599.2	5,895.9	6,220.2	6,636.1	7,101.5	7,650.5	8,173.8	8,636.0	9,246.9	9,674.3	
Government Consumption Expenditure	941.1	966.9	1,015.3	1,108.9	1,236.5	1,218.7	1,337.9	1,408.4	1,562.0	1,720.6	1,781.6	
Gross Domestic Fixed Capital Formation	2,884.1	2,766.3	2,908.6	2,952.2	3,333.0	3,740.9	4,494.1	5,249.9	6,431.8	6,963.6	7,360.2	
Increase in Stocks	483.6	304.9	379.1	178.4	304.8	605.0	518.4	277.3	-135.1	-236.1	13.1	
Less : Net Imports of Goods & Services	1,336.5	920.5	771.4	305.5	521.7	570.8	605.6	363.9	791.9	783.4	331.4	
Statistical Discrepancy	36.8	73.5	19.9	39.0	85.3	18.8	-28.8	-50.3	-75.3	-47.8	-259.6	

4.7 DEFLATORS OF EXPENDITURE ON GROSS DOMESTIC PRODUCT

(1968 = 100)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984*
Total	148.5	152.1	154.3	156.7	160.3	168.8	181.7	195.0	203.4	209.7	213.1
Private Consumption Expenditure	140.9	145.0	146.0	149.0	152.9	158.3	169.7	178.3	181.4	181.8	184.5
Government Consumption Expenditure	138.0	147.2	151.8	154.8	158.9	166.9	182.9	198.0	228.6	231.2	241.8
Gross Domestic Fixed Capital Formation	162.8	169.8	177.0	178.9	182.6	191.6	212.9	229.2	231.3	243.7	245.1
Exports of Goods & Services	177.4	178.9	190.9	198.6	202.5	225.2	259.1	274.4	277.0	262.3	243.0
Imports of Goods & Services	174.9	177.0	188.9	197.4	201.6	226.0	262.1	277.7	274.9	259.5	244.8

4.8 PRIVATE CONSUMPTION EXPENDITURE

Million Dollars

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984*
Total Food & Beverages Clothing & Footwear Rent & Utilities Furniture & Household Equipment Medical Services Transport & Communications Recreation & Education Other Goods & Services Add : Residents' Expenditure Abroad Less : Non-residents' Expenditure Locally	At Current Market Prices										
	7,657.6	8,120.7	8,605.9	9,268.6	10,149.1	11,245.2	12,979.3	14,577.3	15,667.5	16,810.0	17,845.6
	2,495.5	2,648.8	2,733.7	2,967.0	3,163.4	3,476.6	3,997.5	4,561.8	4,800.1	5,021.1	5,284.4
	783.2	748.2	809.2	877.2	979.9	1,117.0	1,275.1	1,489.3	1,645.0	1,713.0	1,718.8
	815.9	920.5	1,007.4	1,067.6	1,129.9	1,219.7	1,390.4	1,493.1	1,617.6	1,742.4	1,972.4
	752.0	813.8	857.9	926.3	1,006.6	1,114.5	1,322.9	1,490.9	1,565.5	1,682.4	1,853.1
	217.8	249.1	269.3	298.3	326.4	350.9	411.7	445.3	496.4	560.2	627.4
	985.5	1,005.9	1,119.8	1,325.4	1,526.0	1,820.4	2,231.9	2,418.5	2,639.9	2,794.5	2,942.6
	992.4	1,013.7	1,056.6	1,144.7	1,379.4	1,647.7	1,802.7	2,164.8	2,284.1	2,461.4	2,472.6
	1,589.4	1,693.7	1,805.1	1,942.9	2,205.5	2,565.0	3,165.3	3,792.8	3,956.4	4,098.1	4,283.3
	322.9	332.4	357.9	397.5	440.1	475.2	553.5	614.8	799.3	928.0	1,027.9
	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	4,191.1	4,336.9
Total Food & Beverages Clothing & Footwear Rent & Utilities Furniture & Household Equipment Medical Services Transport & Communications Recreation & Education Other Goods & Services Add : Residents' Expenditure Abroad Less : Non-residents' Expenditure Locally	At 1968 Market Prices										
	5,436.1	5,599.2	5,895.9	6,220.2	6,636.1	7,101.5	7,650.5	8,173.8	8,636.0	9,246.9	9,674.3
	1,663.8	1,690.2	1,802.2	1,887.4	1,961.6	2,098.4	2,245.5	2,337.5	2,368.0	2,454.3	2,545.1
	529.2	519.0	553.9	598.8	651.7	718.1	815.0	930.4	1,013.2	1,044.9	1,047.4
	561.4	604.3	635.6	668.2	700.8	726.7	756.6	786.0	820.8	867.7	971.8
	499.4	556.6	574.1	593.0	615.0	658.0	751.8	811.7	817.3	885.0	979.7
	162.9	172.1	182.3	201.0	211.3	220.4	229.5	234.7	249.8	256.0	267.0
	744.7	732.9	786.1	919.1	1,028.1	1,180.1	1,307.8	1,370.2	1,484.8	1,540.6	1,558.1
	782.0	799.6	819.8	879.2	1,007.0	1,178.1	1,305.3	1,553.1	1,719.9	1,973.9	2,031.8
	1,178.2	1,195.4	1,263.4	1,333.0	1,485.8	1,626.8	1,797.9	2,009.2	2,067.1	2,165.6	2,295.5
	227.3	229.2	245.2	266.8	287.8	300.1	328.5	342.9	421.1	466.3	503.9
	912.8	900.1	966.7	1,126.3	1,313.0	1,605.2	1,887.4	2,201.9	2,326.0	2,407.4	2,526.0

4.9 GROSS DOMESTIC FIXED CAPITAL FORMATION

Million Dollars

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984*
At Current Market Prices											
Total	4,694.8	4,698.4	5,149.1	5,282.8	6,085.7	7,166.4	9,566.6	12,033.6	14,874.8	16,973.1	18,036.3
Construction & Works	1,951.3	2,120.6	2,375.5	2,392.2	2,466.0	2,913.9	4,240.3	5,950.5	8,075.0	10,670.9	11,389.4
Residential Buildings	1,043.6	1,051.4	1,180.1	1,232.0	1,015.3	988.0	1,392.2	1,938.7	3,225.1	5,340.2	6,200.3
Non-residential Buildings	602.9	648.7	679.1	670.4	963.4	1,405.3	2,047.5	3,116.3	3,878.3	4,314.2	4,051.1
Other Construction & Works	304.8	420.5	516.3	489.8	487.3	520.6	800.6	895.5	971.6	1,016.5	1,138.0
Transport Equipment	894.4	733.5	1,034.7	1,269.3	1,525.9	1,955.9	2,286.4	2,186.9	2,572.9	2,398.7	2,386.0
Machinery & Equipment	1,849.1	1,844.3	1,738.9	1,621.3	2,093.8	2,296.6	3,039.9	3,896.2	4,226.9	3,903.5	4,260.9
At 1968 Market Prices											
Total	2,884.1	2,766.3	2,908.6	2,952.2	3,333.0	3,740.9	4,494.1	5,249.9	6,431.8	6,963.6	7,360.2
Construction & Works	879.8	1,002.0	1,101.2	1,110.8	1,122.4	1,253.7	1,521.6	1,940.4	2,706.8	3,584.8	3,849.1
Residential Buildings	470.5	496.8	547.1	585.3	480.1	448.8	505.9	648.8	1,125.8	1,819.6	2,084.6
Non-residential Buildings	271.9	306.3	314.7	303.7	433.1	593.2	731.7	1,003.4	1,271.5	1,437.6	1,388.3
Other Construction & Works	137.4	198.9	239.4	221.8	209.2	211.7	284.0	288.2	309.5	327.6	376.2
Transport Equipment	673.0	516.2	704.3	833.1	964.1	1,147.4	1,291.1	1,219.0	1,431.8	1,227.8	1,141.6
Machinery & Equipment	1,331.3	1,248.1	1,103.1	1,008.3	1,246.5	1,339.8	1,681.4	2,090.5	2,293.2	2,151.0	2,369.5

4.10 BALANCE OF PAYMENTS

Million Dollars

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984*
A Goods & Services (Net)	-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	-1,704.1	-1,694.7
Exports of Goods & Services	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	65,379.3	67,774.1
Merchandise incl Non-monetary Gold	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	42,862.0	47,662.5
Freight & Insurance	250.2	240.2	351.6	480.2	655.5	910.1	1,179.7	1,387.8	1,471.5	1,472.2	1,537.6
Travel	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	4,107.5	4,249.8
Investment Income	548.6	899.6	912.7	954.8	1,199.6	1,751.8	1,864.6	2,194.8	2,481.6	3,241.9	3,613.9
Government nie	210.8	180.8	95.7	100.0	104.2	108.0	125.5	139.6	117.4	114.0	131.9
Other Transportation & Services nie	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	13,581.7	10,578.4
Imports of Goods & Services	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	67,083.4	69,468.8
Merchandise incl Non-monetary Gold	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	55,472.1	57,024.0
Freight & Insurance	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	3,078.8	3,208.9
Travel	386.7	400.4	432.4	481.6	534.4	590.9	689.3	766.2	997.0	1,158.0	1,283.3
Investment Income	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	3,665.7	3,987.2
Government nie	12.2	15.6	18.3	23.2	18.5	26.2	29.4	36.2	68.1	60.1	57.2
Other Transportation & Services nie	665.2	793.3	985.2	1,255.5	1,537.0	2,000.8	2,671.8	2,942.1	3,156.0	3,648.7	3,908.2
Trade Balance	-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	-12,610.1	-9,361.5
Balance of Services	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	10,906.0	7,666.8
B Transfer Payments (Net)	-95.1	-92.3	-121.1	-108.3	-88.4	-76.1	-109.3	-130.0	-245.1	-389.4	-440.4
Private	-99.3	-91.4	-113.0	-99.5	-81.1	-67.3	-97.6	-105.0	-216.6	-359.9	-412.5
Government	4.2	-0.9	-8.1	-8.8	-7.3	-8.8	-11.7	-25.0	-28.5	-29.5	-27.9
Current Account Balance	-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	-2,093.5	-2,135.1
C Capital (Net)	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	5,725.2	4,527.6
Non-monetary Sector (Net)	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	2,899.2	2,927.4
Private	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	3,078.8	2,952.7
Official	1.1	20.9	100.7	299.5	12.3	-35.1	-32.7	-32.8	-31.9	-179.6	-25.3
Monetary Sector (Net)	-420.7	-211.8	205.7	210.9	668.9	-400.3	291.6	994.9	715.9	2,826.0	1,600.2
Commercial Banks : Foreign Assets ¹	-385.5	-464.1	-855.2	-636.0	-870.6	-2,118.2	-778.0	-3,772.5	833.8	-1,690.3	-4,751.9
Foreign Liabilities	-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	6,352.1
D Allocation of Special Drawing Rights	-	-	-	-	-	14.3	14.5	17.6	-	-	-
E Balancing Items	1,990.4	977.2	41.5	2.9	236.7	553.4	1,157.1	18.0	560.7	-1,394.0	838.1
F Overall Balance (A+B+C+D+E)	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	3,230.6
G Official Reserves (Net)¹	-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	-3,230.6
Special Drawing Rights	-	-	-	-	-	-34.4	-8.3	-32.9	-51.9	-23.4	3.6
Reserve Position in the Fund	-	-	-	-	-10.8	-23.5	-64.3	-46.9	-10.1	-1.8	-1.3
Foreign Exchange Assets	-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	-3,232.9

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

5 AGRICULTURE, LIVESTOCK AND FISHERIES

5 AGRICULTURE, L

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 9 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 the 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 20 per cent of the total vegetable consumption. Many farms also plant fruit trees both for shade and for production. A number of establishments are engaged in the production of ornamental plants and flowers. Singapore is world renowned for her export of good quality orchids.

Livestock

Pig, poultry and egg production are the most important farming activities accounting for more than two-thirds of the total ex-farm value of primary production. Local production meets about 87 per cent of hen eggs, 86 per cent of pork, and 54 per cent of poultry meat consumption.

Singapore is also the main distribution centre of day-old chicks in the region, exporting about \$8.1 million worth of them in 1984.

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

Fisheries

Singapore depends on neighbouring countries for a large portion of her fish supply. Local production remained rather stable in the past few years. Of the 81,176 tonnes of fish consumed in

1984, 25,467 tonnes were produced locally and the rest were imported mainly from Malaysia. Local production of fish comes from inshore and offshore catches. Inshore fishing refers to fishing around Singapore waters and the bulk of such catches are from kelongs and drifters powered with outboard engines. Offshore fishing is mainly carried out in the South China Sea and part of the Indian Ocean. The most commonly used offshore fishing gears are otter trawls and bottom long lines for demersal fish

and troll lines for pelagic fish.

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

Singapore is well-known for her aquarium fish production. The value of aquarium fish exported in 1984 amounted to \$40.4 million.

5.1 PRODUCTION OF PRINCIPAL CROPS

Year	Vegetables	Fruits	Sugar Cane	Rubber	Tobacco	Coconuts
	Tonnes					Million Nuts
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
1984	32,767	6,950	700	-	10	4

Source : Primary Production Division

5.2 LIVESTOCK SLAUGHTERED

Number

Year	Swine	Sheep	Oxen	Buffaloes	Goats
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
1984	1,026,287	58,045	1,471	137	212

Source : Primary Production Division

5.3 FRESH FISH SUPPLY AND AUCTIONED

Tonnes

Year	Supply				Fish Auctioned
	Total	Local Production ¹	Imports	Exports	
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
1984	71,586	25,041	107,784	61,239	117,638

¹ Figures exclude pond fish production.

Source : Primary Production Division

6 INDUSTRIAL PRODUCTION

Workers. They include all persons engaged directly or indirectly in the industrial sector of the establishment, that is an employee, working

The term sector used in the United States of industrial production are defined as follows:

At Economic Activities of the United Nations

the International Standard Industrial Classification of

At Economic Activities, 1938 which is related with

sector. Establishments are classified in accordance

establishment, defined as a manufacturing unit

growth of the industrial sector

The various results include various other data in

account for over 30 per cent of all industrial activities

A census of manufacturing establishments

and manufacturing sector, with the introduction

Census of Industrial Production

A census of manufacturing establishments employing ten or more workers 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 rebased 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 were obtained from the Census of Industrial Production 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					
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	3,643	273,228	26,815.2	37,888.3	10,012.4	3,656.4	2,132.4	22,921.6
1984*	3,878	282,419	30,479.7	42,600.8	10,980.8	4,154.1		25,992.5

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				
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	36,645	138,669	26.4	36.5	9.7	60.2	60.5
1984*	38,881	150,843	25.8	37.8	9.8	..	61.0

Note : See notes to Table 6.1.

6.3 INDUSTRIAL ESTABLISHMENTS BY INDUSTRY

Number

Industrial Code	Industry	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984*
311/2	Food	225	237	234	232	254	268	278	274	283	289	301
313	Beverage	17	15	14	14	14	14	16	17	16	16	15
314	Tobacco Products	8	9	9	9	8	8	8	6	6	6	6
321	Textiles & Textile Manufactures	68	72	72	69	79	93	99	94	95	87	85
322	Wearing Apparel except Footwear	222	252	257	300	345	365	374	374	406	391	414
323	Leather & Leather Products	26	29	30	34	44	42	42	40	43	37	42
324	Footwear	35	34	38	38	48	55	55	57	53	51	61
331	Sawn Timber & Other Wood Products except Furniture	156	147	133	127	134	133	131	132	119	110	112
332	Furniture & Fixtures except primarily of Metal, Stone & Plastics	51	58	63	70	94	107	117	117	125	127	144
341	Paper & Paper Products	70	74	79	80	86	94	93	95	92	88	93
342	Printing & Publishing	191	207	222	236	261	270	289	295	319	321	340
351	Industrial Chemicals & Gases	20	27	29	27	29	34	45	44	48	50	57
352	Paints, Pharmaceuticals & Other Chemical Products	79	83	86	86	88	85	89	86	84	85	88
353/4	Petroleum Refineries & Petroleum Products	11	11	11	12	11	10	10	11	11	11	11
355	Processing of Jelutong & Gum Damar	7	7	6	6	5	5	5	5	6	7	7
356	Rubber Products except Footwear & Toys	28	28	27	25	24	27	27	30	28	29	31
357	Plastic Products	107	126	137	160	175	184	195	209	214	215	224
361/2	Pottery, China, Earthenware & Glass Products	11	10	12	12	11	12	13	13	11	10	14
363	Structural Clay Products	11	12	12	12	9	9	9	9	11	11	11
364	Cement	3	4	5	5	5	5	5	5	5	5	5

6.3 INDUSTRIAL ESTABLISHMENTS BY INDUSTRY (continued)

Number

Industrial Code	Industry	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984*
365	Structural Cement & Concrete Products	19	24	26	26	28	28	34	38	40	49	55
369	Non-metallic Mineral Products	21	20	21	22	23	23	28	24	21	25	26
371	Iron & Steel	16	16	15	15	15	16	17	17	16	15	15
372	Non-ferrous Metals	6	6	5	7	8	10	12	11	16	18	19
381	Fabricated Metal Products except Machinery & Equipment	210	237	244	261	305	310	338	371	413	426	460
382	Machinery except Electrical & Electronic	164	204	236	226	259	274	295	319	314	341	385
383	Electrical Machinery, Apparatus, Appliances & Supplies	82	87	99	105	115	117	119	113	114	112	114
384	Electronic Products & Components	57	63	74	90	101	141	172	185	186	203	216
385	Transport Equipment	130	157	183	202	223	216	253	261	295	291	302
386	Instrumentation Equipment, Photographic & Optical Goods	30	32	36	37	41	47	55	52	48	46	51
390	Other Manufacturing Industries	98	97	90	93	104	120	132	135	148	144	147
	Total Manufacturing excluding Rubber Processing	2,179	2,385	2,505	2,638	2,946	3,122	3,355	3,439	3,586	3,616	3,851
	Rubber Processing	22	20	19	17	16	15	14	12	11	10	10
	Total Manufacturing including Rubber Processing	2,201	2,405	2,524	2,655	2,962	3,137	3,369	3,451	3,597	3,626	3,861
	Granite Quarrying	18	19	21	19	17	19	22	20	20	17	17
	TOTAL	2,219	2,424	2,545	2,674	2,979	3,156	3,391	3,471	3,617	3,643	3,878

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

6.4 INDUSTRIAL OUTPUT BY INDUSTRY

Million Dollars

Industrial Code	Industry	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984*
311/2	Food	930.2	843.5	938.0	1,219.0	1,229.8	1,452.7	1,661.5	1,692.5	1,805.6	1,936.0	2,178.8
313	Beverage	97.8	130.5	150.7	168.3	205.5	219.7	249.1	327.2	317.1	318.1	289.7
314	Tobacco Products	142.7	144.5	153.6	166.4	171.1	166.0	171.3	193.6	219.3	206.6	189.8
321	Textiles & Textile Manufactures	292.4	259.7	359.9	346.6	352.6	425.8	488.8	422.1	323.7	272.1	251.9
322	Wearing Apparel except Footwear	269.1	286.1	406.1	479.5	633.1	737.0	848.4	924.7	929.0	938.9	1,097.7
323	Leather & Leather Products	25.6	22.0	31.1	44.2	50.4	51.4	47.0	49.6	47.3	41.2	52.1
324	Footwear	27.2	30.3	33.9	30.8	34.7	51.5	53.6	54.9	45.3	44.2	42.7
331	Sawn Timber & Other Wood Products except Furniture	358.1	311.5	422.0	437.4	550.2	796.1	749.8	641.0	532.1	468.0	387.0
332	Furniture & Fixtures except primarily of Metal, Stone & Plastics	44.3	48.7	61.3	79.1	116.9	160.9	227.5	277.1	259.8	282.5	330.4
341	Paper & Paper Products	103.6	96.8	114.8	127.3	158.7	209.2	272.7	302.2	326.1	331.3	330.1
342	Printing & Publishing	221.2	225.2	290.2	335.6	375.5	431.2	550.4	674.3	726.6	833.4	934.8
351	Industrial Chemicals & Gases	172.1	154.5	210.1	227.0	183.3	255.2	346.1	363.7	383.8	382.9	1,063.4
352	Paints, Pharmaceuticals & Other Chemical Products	236.7	274.8	311.9	344.9	411.1	429.9	583.3	663.4	704.4	885.3	1,009.9
353/4	Petroleum Refineries & Petroleum Products	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	13,163.6	13,836.0
355	Processing of Jelutong & Gum Damar	22.6	20.2	16.4	21.0	19.3	22.8	25.9	28.2	25.9	25.2	19.0
356	Rubber Products except Footwear & Toys	54.6	54.3	57.8	62.0	66.8	89.9	89.7	76.3	74.4	76.7	89.6
357	Plastic Products	130.0	120.7	160.7	204.2	277.8	380.7	498.1	519.0	504.9	547.5	632.1
361/2	Pottery, China, Earthenware & Glass Products	30.0	28.3	37.0	41.0	49.7	60.9	68.0	90.3	81.1	94.3	98.1
363	Structural Clay Products	21.8	16.2	20.2	20.4	14.2	21.3	30.7	34.9	43.3	58.9	64.4
364	Cement	127.2	157.1	161.5	165.9	179.9	225.2	277.1	347.2	405.7	441.4	388.1

6.4 INDUSTRIAL OUTPUT BY INDUSTRY (continued)

Million Dollars

Industrial Code	Industry	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984*
365	Structural Cement & Concrete Products	32.7	58.2	64.4	65.3	71.2	95.5	156.5	263.9	379.1	600.9	817.1
369	Non-metallic Mineral Products	79.0	88.4	85.0	96.9	89.4	102.8	115.4	138.2	123.1	137.2	57.5
371	Iron & Steel	176.7	148.3	152.4	145.0	192.9	272.1	338.1	343.1	356.9	332.9	322.7
372	Non-ferrous Metals	49.4	41.3	33.8	53.7	56.1	135.4	190.4	130.5	156.0	153.6	234.5
381	Fabricated Metal Products except Machinery & Equipment	454.0	506.9	507.1	597.9	748.8	965.5	1,234.9	1,492.7	1,673.0	1,814.7	2,015.3
382	Machinery except Electrical & Electronic	573.0	754.7	676.9	701.0	844.4	1,183.5	1,662.7	2,484.2	2,322.1	2,050.4	1,835.9
383	Electrical Machinery, Apparatus, Appliances & Supplies	444.0	414.5	531.8	541.1	727.4	758.4	974.4	1,050.3	995.2	1,200.2	1,274.7
384	Electronic Products & Components	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	7,018.6	9,354.3
385	Transport Equipment	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	1,865.8	1,994.7
386	Instrumentation Equipment, Photographic & Optical Goods	115.9	182.3	193.2	184.1	237.6	276.6	382.8	290.6	284.3	268.7	287.1
390	Other Manufacturing Industries	157.5	151.3	176.4	201.8	228.9	337.5	455.6	505.2	408.0	430.3	471.2
	Total Manufacturing excluding Rubber Processing	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	37,221.5	41,950.6
	Rubber Processing	867.9	555.2	814.0	744.1	801.3	1,170.2	1,052.5	772.6	494.2	428.7	417.9
	Total Manufacturing including Rubber Processing	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	37,650.2	42,368.5
	Granite Quarrying	22.2	32.1	43.6	31.1	24.3	27.1	95.3	134.3	179.5	238.1	232.3
	TOTAL	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	37,888.3	42,600.8

Note : See note to Table 6.3.

6.5 VALUE ADDED OF INDUSTRIAL ESTABLISHMENTS BY INDUSTRY

Million Dollars

Industrial Code	Industry	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984*
311/2	Food	147.2	149.7	157.5	198.8	206.8	235.2	261.6	355.6	326.0	353.9	364.8
313	Beverage	45.7	57.2	66.9	69.2	81.4	91.9	109.0	140.0	140.8	147.9	140.8
314	Tobacco Products	41.9	34.7	34.7	37.0	41.0	42.8	52.6	68.2	91.0	89.4	86.3
321	Textiles & Textile Manufactures	85.9	78.6	117.2	108.8	115.3	137.0	157.6	134.9	105.9	93.6	87.3
322	Wearing Apparel except Footwear	78.9	92.2	135.9	156.7	206.5	230.2	266.4	308.3	326.0	333.0	395.8
323	Leather & Leather Products	5.8	4.6	9.0	12.7	13.3	13.2	13.4	13.6	14.0	12.7	20.4
324	Footwear	9.2	11.6	11.5	10.9	12.6	16.8	19.2	19.0	17.0	18.1	18.0
331	Sawn Timber & Other Wood Products except Furniture	97.3	80.8	129.1	140.8	180.6	220.9	180.7	175.5	136.4	138.7	108.0
332	Furniture & Fixtures except primarily of Metal, Stone & Plastics	19.1	21.4	26.8	31.2	43.4	59.3	84.3	102.4	102.3	110.8	126.8
341	Paper & Paper Products	36.4	31.8	39.9	45.8	54.3	73.2	94.5	103.6	122.8	146.2	138.4
342	Printing & Publishing	120.8	124.9	145.9	172.0	190.8	217.1	277.9	341.8	380.0	459.3	525.3
351	Industrial Chemicals & Gases	46.8	44.9	51.9	59.3	65.3	85.8	109.4	119.3	140.4	142.2	287.9
352	Paints, Pharmaceuticals & Other Chemical Products	117.5	137.4	154.6	172.5	226.0	224.6	304.2	340.7	360.8	495.9	525.3
353/4	Petroleum Refineries & Petroleum Products	864.6	605.0	698.5	774.2	787.0	916.0	1,470.4	1,707.2	1,617.7	1,382.6	1,387.7
355	Processing of Jelutong & Gum Damar	2.1	2.5	2.1	1.9	1.8	2.7	2.9	3.7	3.1	3.8	2.8
356	Rubber Products except Footwear & Toys	23.1	24.8	26.4	27.3	28.2	38.1	39.2	34.2	35.6	36.1	42.8
357	Plastic Products	44.0	40.7	50.1	72.1	97.0	134.2	173.8	184.6	181.1	195.4	203.7
361/2	Pottery, China, Earthenware & Glass Products	13.6	11.8	14.3	17.6	25.1	27.3	24.6	36.8	27.5	33.9	36.2
363	Structural Clay Products	14.8	10.0	12.4	12.9	9.4	13.1	18.8	20.9	21.3	29.5	31.0
364	Cement	30.5	44.9	48.4	45.4	36.5	47.0	48.8	78.5	88.5	105.4	78.2

6.5 VALUE ADDED OF INDUSTRIAL ESTABLISHMENTS BY INDUSTRY (continued)

Million Dollars

Industrial Code	Industry	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984*
365	Structural Cement & Concrete Products	11.7	18.9	19.6	24.7	28.3	31.2	53.7	78.1	118.2	192.1	229.2
369	Non-metallic Mineral Products	35.5	37.0	38.7	43.1	40.3	46.0	53.1	62.1	57.4	56.4	19.5
371	Iron & Steel	100.2	51.5	54.3	66.3	92.0	111.9	131.9	138.4	136.1	123.3	118.2
372	Non-ferrous Metals	12.8	11.2	7.2	13.4	13.5	19.0	21.8	25.3	25.4	33.0	40.9
381	Fabricated Metal Products except Machinery & Equipment	151.8	173.1	179.2	212.6	258.2	325.5	416.3	537.8	657.2	692.0	828.9
382	Machinery except Electrical & Electronic	252.5	330.0	343.2	356.5	414.7	526.7	744.8	1,140.9	1,012.4	870.2	781.8
383	Electrical Machinery, Apparatus, Appliances & Supplies	177.5	150.7	184.0	206.3	245.5	287.2	356.8	388.6	387.7	445.3	508.3
384	Electronic Products & Components	436.1	402.2	557.3	643.4	820.2	1,200.4	1,668.8	1,625.7	1,484.4	1,911.5	2,414.2
385	Transport Equipment	432.9	501.6	508.5	595.0	636.3	802.4	1,060.2	1,181.3	1,006.0	929.1	968.4
386	Instrumentation Equipment, Photographic & Optical Goods	35.7	87.8	88.9	93.7	123.6	130.0	172.4	110.4	119.0	120.2	134.1
390	Other Manufacturing Industries	36.3	37.5	47.7	53.3	68.2	106.5	132.5	143.0	113.6	120.8	144.1
	Total Manufacturing excluding Rubber Processing	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	9,822.1	10,795.1
	Rubber Processing	50.9	27.9	45.6	38.1	36.7	87.7	51.5	37.0	27.5	33.5	32.6
	Total Manufacturing including Rubber Processing	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	9,855.6	10,827.7
	Granite Quarrying	17.7	24.8	33.7	26.0	20.4	23.3	79.4	109.4	122.3	156.9	153.1
	TOTAL	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	10,012.4	10,980.8

Note: See note to Table 6.3.

6.6 WORKERS ENGAGED IN INDUSTRIAL PRODUCTION BY INDUSTRY

Number

Industrial Code	Industry	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984*
311/2	Food	9,282	8,725	8,567	9,200	9,636	10,181	10,053	10,075	10,208	10,309	10,588
313	Beverage	2,665	2,640	2,639	2,506	2,596	2,739	2,650	2,744	2,594	2,494	2,503
314	Tobacco Products	1,137	1,301	1,179	1,225	1,263	1,239	1,277	976	882	865	828
321	Textiles & Textile Manufactures	12,181	11,380	11,620	10,526	9,792	10,087	9,710	7,906	6,360	4,616	4,553
322	Wearing Apparel except Footwear	18,559	17,966	20,673	23,262	28,983	29,274	27,188	27,870	28,608	27,234	27,136
323	Leather & Leather Products	702	863	968	1,223	1,351	1,284	1,244	1,186	1,152	971	1,017
324	Footwear	1,855	1,901	1,738	1,471	1,546	1,633	1,524	1,428	1,408	1,248	1,334
331	Sawn Timber & Other Wood Products except Furniture	11,990	9,435	8,784	8,859	10,056	11,418	10,376	8,291	7,188	5,950	5,122
332	Furniture & Fixtures except primarily of Metal, Stone & Plastics	2,626	2,625	2,935	3,427	4,697	5,678	6,145	6,561	6,707	6,856	7,545
341	Paper & Paper Products	3,334	3,366	3,617	3,604	3,801	4,035	4,294	4,495	4,450	3,786	3,537
342	Printing & Publishing	8,281	8,511	9,082	9,847	11,105	11,514	12,101	12,487	13,452	13,808	14,323
351	Industrial Chemicals & Gases	1,412	1,558	1,554	1,520	1,688	1,906	2,138	2,058	2,265	2,278	3,171
352	Paints, Pharmaceuticals & Other Chemical Products	3,408	3,574	3,484	3,762	3,800	3,822	4,300	4,291	4,511	4,570	4,609
353/4	Petroleum Refineries & Petroleum Products	3,103	3,331	3,167	3,094	3,082	3,212	3,342	3,511	3,784	3,755	3,656
355	Processing of Jelutong & Gum Damar	222	205	164	158	135	148	145	157	160	173	155
356	Rubber Products except Footwear & Toys	1,510	1,462	1,479	1,455	1,562	1,828	1,941	1,359	1,287	1,283	1,304
357	Plastic Products	4,548	4,847	5,346	6,366	7,770	8,374	9,225	9,121	8,889	8,560	8,750
361/2	Pottery, China, Earthenware & Glass Products	1,020	684	791	819	824	893	955	1,133	1,054	993	975
363	Structural Clay Products	943	815	901	830	477	482	474	461	688	679	638
364	Cement	499	568	579	541	551	538	461	474	538	579	559

6.6 WORKERS ENGAGED IN INDUSTRIAL PRODUCTION BY INDUSTRY (continued)

Number

Industrial Code	Industry	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984*
365	Structural Cement & Concrete Products	716	1,185	1,125	1,149	1,284	1,298	1,458	1,730	2,135	3,697	4,220
369	Non-metallic Mineral Products	1,745	1,700	1,735	1,440	1,427	1,205	1,315	1,261	1,254	1,600	1,457
371	Iron & Steel	1,692	1,557	1,522	1,456	1,518	1,802	1,878	1,920	1,720	1,647	1,606
372	Non-ferrous Metals	558	445	139	516	620	489	459	449	656	643	700
381	Fabricated Metal Products except Machinery & Equipment	11,019	11,206	11,880	12,671	14,619	16,062	17,669	19,481	21,554	21,156	21,847
382	Machinery except Electrical & Electronic	13,580	16,753	15,927	14,827	17,344	18,910	20,274	23,963	23,802	22,433	22,558
383	Electrical Machinery, Apparatus, Appliances & Supplies	18,134	12,278	13,644	13,237	15,206	14,728	15,933	16,141	14,405	15,341	15,746
384	Electronic Products & Components	32,780	24,351	35,756	41,245	47,455	63,201	71,727	69,358	60,760	65,954	72,694
385	Transport Equipment	24,191	24,890	24,299	25,767	26,312	26,039	27,420	28,491	30,749	27,043	25,988
386	Instrumentation Equipment, Photographic & Optical Goods	8,090	6,941	7,382	7,906	8,214	9,256	10,456	5,419	5,767	5,197	5,691
390	Other Manufacturing Industries	4,285	4,465	4,558	5,203	5,010	6,059	7,118	6,878	6,463	5,388	5,647
	Total Manufacturing excluding Rubber Processing	206,067	191,528	207,234	219,112	243,724	269,334	285,250	281,675	275,450	271,106	280,457
	Rubber Processing	3,147	2,730	2,641	2,428	2,092	2,044	1,977	1,826	1,303	980	954
	Total Manufacturing including Rubber Processing	209,214	194,258	209,875	221,540	245,816	271,378	287,227	283,501	276,753	272,086	281,411
	Granite Quarrying	788	743	947	802	651	439	938	1,008	1,050	1,142	1,008
	TOTAL	210,002	195,001	210,822	222,342	246,467	271,917	288,165	284,509	277,803	273,228	282,419

Note : See note to Table 6.3.

6.7 REMUNERATION OF EMPLOYEES ENGAGED IN INDUSTRIAL PRODUCTION BY INDUSTRY

Million Dollars

Industrial Code	Industry	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984*
311/2	Food	45.2	47.9	51.8	58.2	65.8	79.1	87.8	103.4	115.2	129.7	145.5
313	Beverage	18.6	22.3	22.9	24.3	26.5	29.9	34.6	40.0	35.3	36.5	38.9
314	Tobacco Products	8.7	8.8	9.5	10.5	11.6	13.2	15.3	15.6	17.3	19.2	21.3
321	Textiles & Textile Manufactures	48.0	47.8	56.0	52.6	54.6	63.0	71.7	68.8	60.5	49.9	46.1
322	Wearing Apparel except Footwear	50.6	53.8	69.8	87.0	118.0	136.3	150.7	179.3	203.4	216.1	228.9
323	Leather & Leather Products	2.5	3.1	4.0	5.1	6.1	6.8	7.4	8.0	8.5	8.2	9.4
324	Footwear	6.7	7.1	7.9	6.4	6.8	7.9	9.7	10.1	10.7	10.3	11.0
331	Sawn Timber & Other Wood Products except Furniture	51.0	48.1	48.9	55.8	67.5	81.8	80.1	77.4	69.0	64.8	59.6
332	Furniture & Fixtures except primarily of Metal, Stone & Plastics	11.9	12.7	14.8	16.7	24.4	34.0	44.4	54.8	58.3	63.7	77.2
341	Paper & Paper Products	12.1	13.9	16.0	17.6	21.3	27.0	34.7	44.2	51.4	51.5	49.8
342	Printing & Publishing	45.9	54.1	61.7	70.2	86.6	97.5	118.6	140.5	171.9	248.2	293.1
351	Industrial Chemicals & Gases	11.8	13.3	14.1	16.1	17.8	22.3	28.9	33.4	41.1	43.2	75.0
352	Paints, Pharmaceuticals & Other Chemical Products	22.0	25.7	30.0	35.1	37.7	43.2	53.4	62.4	76.4	90.5	97.9
353/4	Petroleum Refineries & Petroleum Products	60.6	66.1	67.2	67.0	73.5	87.1	99.7	114.7	138.6	148.0	152.8
355	Processing of Jelutong & Gum Damar	1.1	1.1	1.0	1.1	1.0	1.2	1.3	1.5	1.6	1.9	1.8
356	Rubber Products except Footwear & Toys	9.2	9.7	9.9	10.8	11.8	15.6	17.2	13.3	14.7	17.0	21.0
357	Plastic Products	17.6	20.3	23.9	30.0	39.0	48.5	63.9	71.8	79.9	86.5	97.6
361/2	Pottery, China, Earthenware & Glass Products	6.8	6.1	6.9	7.2	8.5	9.9	12.4	13.5	14.4	16.3	18.7
363	Structural Clay Products	5.1	5.2	5.4	5.1	4.1	4.7	5.2	6.0	9.7	11.2	12.2
364	Cement	3.7	4.7	5.0	4.2	5.8	6.5	7.0	8.9	10.5	12.3	13.3

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

Million Dollars

Industrial Code	Industry	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984*
365	Structural Cement & Concrete Products	3.9	7.2	6.8	8.5	9.6	11.1	15.6	21.8	30.4	57.2	75.4
369	Non-metallic Mineral Products	10.4	12.4	14.4	11.4	11.7	12.4	14.6	18.9	19.5	24.3	15.9
371	Iron & Steel	12.4	13.4	14.2	14.8	17.7	22.4	27.4	30.2	32.5	36.3	38.1
372	Non-ferrous Metals	3.6	3.7	1.1	4.7	5.6	5.9	7.9	7.4	10.1	10.7	12.8
381	Fabricated Metal Products except Machinery & Equipment	61.3	68.9	77.8	86.0	116.9	126.7	157.3	202.0	259.1	276.5	317.2
382	Machinery except Electrical & Electronic	91.5	127.8	125.8	129.2	152.6	186.5	228.7	323.8	346.5	365.3	418.7
383	Electrical Machinery, Apparatus, Appliances & Supplies	74.0	70.6	73.8	80.6	99.1	110.1	133.6	154.5	172.2	193.4	212.6
384	Electronic Products & Components	134.0	128.9	186.8	223.0	264.3	393.3	510.7	557.0	616.7	752.1	949.3
385	Transport Equipment	192.4	220.1	223.0	266.2	282.7	304.3	363.5	433.2	486.9	467.7	475.6
386	Instrumentation Equipment, Photographic & Optical Goods	37.5	37.5	39.2	41.6	48.3	59.9	76.0	47.3	53.9	59.9	72.1
390	Other Manufacturing Industries	15.9	18.1	20.5	24.7	27.5	37.7	47.6	54.3	54.6	55.1	59.6
	Total Manufacturing excluding Rubber Processing	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	3,623.7	4,118.4
	Rubber Processing	15.0	13.9	15.1	14.2	13.8	16.6	18.5	18.3	16.1	15.0	16.1
	Total Manufacturing including Rubber Processing	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	3,638.7	4,134.5
	Granite Quarrying	5.3	6.4	7.7	8.6	5.9	5.5	10.8	15.3	15.7	17.7	19.6
	TOTAL	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	3,656.4	4,154.1

Note: See note to Table 6.3.

6.8 VOLUME OF OUTPUT OF SELECTED MANUFACTURED PRODUCTS

Commodity	Unit	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Animal Feed	Thousand Tonnes	343	309	240	291	300	306	334	255	238	210
Soft Drinks	Million Litres	107	114	125	144	175	170	175	185	180	197
Refined Cooking Oil	Tonnes	31,294	35,315	45,252	50,377	50,780	43,829	59,685	84,228	117,545	95,921
Cigarettes & Cigars	Tonnes	3,443	3,331	3,183	3,409	3,463	3,182	3,086	3,128	3,800	3,532
Sawn Timber	Thousand Cubic Metres	500	381	443	302	364	371	282	188	136	114
Plywood	Million Square Metres	82	106	118	109	143	165	123	112	93	90
Newspapers	Million Copies	135	145	173	171	197	216	225	228	255	277
Paints	Kilolitres	12,309	12,082	13,731	18,152	19,972	20,258	22,310	26,698	26,502	29,907
Soap & Detergents	Tonnes	21,013	18,503	26,993	24,071	21,613	23,532	29,141	29,568	27,882	30,723
Aviation Kerosene ¹	Thousand Tonnes	3,493	3,278	4,165	3,756	4,708	5,033	3,709	4,003	4,099	4,290
Diesel Oil ¹	Thousand Tonnes	4,307	3,863	5,046	5,569	6,780	6,566	4,619	6,490	7,074	6,569
Fuel Oil ¹	Thousand Tonnes	10,526	8,106	9,127	10,209	10,154	10,340	6,457	7,560	8,259	8,155
Bricks	Thousand Pieces	96,796	80,673	92,377	85,231	72,628	91,191	92,122	93,327	129,862	176,960
Cement	Thousand Tonnes	1,181	1,337	1,532	1,550	1,628	1,808	1,952	2,253	2,695	3,153
Ready-mixed Concrete	Thousand Cubic Metres	228	331	413	332	430	660	758	1,376	2,116	2,955
Refrigerators	Thousand	43	45	54	57	73	80	93	93	78	66
Radios	Thousand	8,988	7,221	10,737	9,726	11,717	16,748	17,070	16,028	13,461	15,165
Television Receivers	Thousand Sets	195	397	486	560	725	1,390	1,889	2,231	1,502	1,312

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	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Animal Feed	162.2	139.5	111.7	146.8	148.4	160.6	201.8	167.6	148.6	128.3
Soft Drinks	47.1	61.5	76.1	88.8	112.1	120.1	126.4	172.2	164.8	171.1
Refined Cooking Oil	76.1	50.0	62.7	93.4	94.3	80.4	120.4	175.5	161.0	139.9
Cigarettes & Cigars	140.7	142.4	150.0	161.5	164.9	160.1	165.2	192.2	216.5	204.9
Fabrics	89.8	106.5	151.1	138.0	158.6	190.7	195.9	200.1	156.8	107.9
Sawn Timber	90.0	67.3	94.2	73.8	95.9	125.3	103.1	59.8	40.1	36.5
Plywood	163.5	172.2	224.1	234.7	296.8	466.6	411.9	361.6	270.5	266.8
Newspapers	31.9	28.8	31.5	33.1	35.6	39.0	45.8	55.7	68.1	67.5
Paints	42.9	42.9	43.5	58.5	65.5	72.5	87.8	119.4	117.2	119.1
Pharmaceutical Products	92.6	131.3	142.0	155.5	201.0	179.5	258.4	269.6	283.1	370.0
Soap & Detergents	25.9	24.8	32.4	33.6	32.1	37.9	62.2	66.4	56.4	60.4
Aviation Kerosene ¹	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	2,645.6
Diesel Oil ¹	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	3,510.4
Fuel Oil ¹	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	3,201.5
Bricks	14.6	12.8	14.9	13.9	12.1	19.5	28.5	32.5	40.5	55.9
Cement	127.2	153.5	158.6	165.9	179.9	225.2	277.1	347.2	405.7	441.4
Ready-mixed Concrete	18.8	29.8	37.8	30.4	37.4	58.7	87.9	186.1	281.3	361.3
Refrigerators	20.0	21.9	25.6	31.7	47.0	51.8	60.1	61.2	53.8	46.4
Oil Rigs & Oilfield Equipment	309.9	443.1	350.3	279.2	344.1	556.5	806.7	1,437.5	1,341.1	938.3
Electronic Products excluding Television Receivers & Radios	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	5,671.9
Radios	195.7	201.4	226.9	248.0	337.4	651.6	882.6	877.4	732.4	776.6
Television Receivers	61.9	105.9	133.4	160.9	234.6	399.5	512.7	667.8	495.7	470.3
Shipbuilding & Repairing	688.3	866.6	939.4	981.8	1,002.3	1,105.6	1,547.6	1,727.8	1,502.7	1,237.5
Marine Engines & Parts	42.8	47.5	44.4	61.3	64.9	84.5	109.6	137.2	151.4	110.5
Photographic Equipment & Optical Goods	79.5	120.4	99.2	87.5	90.1	107.9	125.3	52.7	56.2	59.9

¹ See note to Table 6.8.

6.10 QUARTERLY INDEX OF INDUSTRIAL PRODUCTION

(1983 = 100)

Industrial Code	Major Industry Group	Weights 1982	1983				1984			
			1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
	Total Manufacturing excluding Rubber Processing	1,000.0	93.0	98.2	103.0	105.8	104.0	111.1	111.4	108.5
311/2	Food	34.8	100.9	99.1	100.7	99.3	92.8	101.5	104.2	98.6
313	Beverage	15.1	101.6	110.0	97.4	91.0	85.5	92.1	91.2	87.9
314	Cigarettes & Other Tobacco Products	9.7	109.8	99.2	83.2	107.8	97.8	84.9	109.1	92.6
321	Textiles & Textile Manufactures	11.3	94.3	97.1	107.5	101.1	87.3	85.5	87.0	73.8
322	Wearing Apparel except Footwear	34.9	88.5	92.5	97.4	121.6	104.5	109.5	105.8	125.2
323	Leather & Leather Products	1.5	90.0	83.9	101.5	124.6	144.5	139.8	137.0	143.8
324	Footwear	1.8	98.0	101.7	98.2	102.1	81.4	92.0	113.4	112.5
331	Sawn Timber & Other Wood Products except Furniture	14.6	107.2	107.4	96.1	89.3	89.1	79.4	82.9	77.4
332	Furniture & Fixtures except primarily of Metal, Stone & Plastics	10.9	90.3	91.7	109.8	108.2	97.9	102.2	110.2	104.1
341	Paper & Paper Products	13.1	109.8	102.4	98.7	89.1	79.4	93.4	94.6	93.9
342	Printing & Publishing	40.6	86.1	93.5	108.8	111.6	95.6	108.1	123.1	121.6
351	Industrial Chemicals & Gases	15.0	96.7	103.2	101.0	99.1	138.5	231.5	242.2	196.6
352	Paints, Pharmaceuticals & Other Chemical Products	38.6	94.2	97.3	105.5	103.0	92.4	112.3	103.0	98.8
353/4	Petroleum Refineries & Petroleum Products	173.0	91.2	98.3	108.5	102.0	118.2	113.6	97.5	96.0
356	Rubber Products except Footwear & Toys	3.8	91.8	94.0	108.7	105.5	108.7	118.1	114.0	107.7
357	Plastic Products	19.4	92.6	98.9	104.3	104.2	100.5	95.9	104.4	109.8
361/2	Pottery, China, Earthenware & Glass Products	2.9	105.7	107.3	96.2	90.8	107.9	110.8	104.6	94.2

6.10 QUARTERLY INDEX OF INDUSTRIAL PRODUCTION (continued)

(1983 = 100)

Industrial Code	Major Industry Group	Weights 1982	1983				1984			
			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	88.7	97.5	104.4	109.4	99.5	102.7	101.8	95.3
364	Cement	9.5	89.5	95.4	99.5	115.6	99.8	97.7	81.0	80.8
365	Structural Cement & Concrete Products	12.6	88.5	98.9	99.2	113.4	101.4	116.9	124.4	126.3
369	Non-metallic Mineral Products	6.1	148.2	142.3	68.8	40.7	36.5	41.5	40.7	39.1
371	Iron & Steel	14.6	97.4	100.4	96.9	105.3	86.3	94.3	104.6	100.6
372	Non-ferrous Metals	2.7	90.4	101.1	107.7	100.8	106.8	134.0	127.0	128.3
381	Fabricated Metal Products except Machinery & Equipment	70.3	88.6	98.2	102.4	110.8	107.3	115.7	123.3	119.8
382	Machinery except Electrical & Electronic	108.2	99.3	103.3	99.2	98.2	94.8	100.5	98.6	89.4
383	Electrical Machinery, Apparatus, Appliances & Supplies	41.5	85.5	102.1	100.0	112.4	104.3	112.2	124.9	126.0
384	Electronic Products & Components	158.7	81.8	96.2	106.4	115.6	107.5	117.2	125.3	131.8
385	Transport Equipment	107.6	103.9	92.6	99.3	104.2	105.6	115.9	112.1	99.2
386	Instrumentation Equipment, Photographic & Optical Goods	12.7	98.8	97.8	95.7	107.7	105.6	106.4	123.2	129.8
390	Other Manufacturing Industries	12.2	75.8	96.7	116.8	110.7	111.2	120.4	136.5	118.5

6.11 NET INVESTMENT COMMITMENTS IN MANUFACTURING BY INDUSTRY

(Excluding Petrochemicals)

Million Dollars

Industry	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984*
Food & Beverages	-	2.6	14.4	27.4	8.5	40.8	99.4	90.7	101.5	185.9	123.9
Textiles	20.9	0.9	6.5	1.7	11.0	14.2	32.6	18.1	8.9	7.3	0.3
Wearing Apparel	-	-	1.5	3.0	2.7	1.4	8.0	8.3	10.4	2.8	6.7
Leather & Rubber	1.1	1.5	1.7	17.9	7.3	1.5	15.8	3.6	5.3	22.9	8.1
Wood Products	6.9	1.4	8.3	5.3	9.8	33.2	30.8	16.8	9.8	8.0	15.8
Paper Products & Printing	1.0	-	1.0	4.2	-	8.0	27.2	161.8	109.2	22.1	111.3
Industrial Chemicals	26.0	7.5	5.0	4.9	13.9	5.4	76.8	63.8	16.9	52.1	8.1
Plastic Products	-	4.3	11.8	8.6	13.4	34.0	66.8	41.9	47.4	27.7	33.4
Other Chemical Products	15.0	2.0	0.4	1.2	14.5	31.0	101.1	95.7	47.4	110.2	30.7
Petroleum	-	135.0	16.0	66.2	330.0	224.5	200.0	162.0	387.7	367.1	358.8
Non-metallic Minerals	19.0	-	0.7	-	-	7.1	65.7	55.6	40.5	136.0	24.6
Basic Metals	24.0	1.4	15.4	1.0	2.5	-	-	16.3	53.5	36.8	18.0
Fabricated Metal Products	5.2	17.3	16.8	6.8	13.8	56.2	75.6	96.1	113.1	167.4	71.5
Machinery except Electrical	41.8	70.7	51.4	77.9	45.5	151.9	121.3	300.9	162.2	84.5	234.8
Electrical Machinery & Appliances	4.9	13.3	142.3	120.3	292.4	253.9	400.3	421.2	346.0	364.1	660.0
Transport Equipment	105.0	42.0	0.7	36.1	-	18.5	58.4	273.3	162.5	92.7	75.0
Precision Equipment	18.1	1.3	6.4	7.7	33.9	31.5	29.0	29.7	66.6	65.8	19.0
Other Products	3.0	5.1	3.0	6.2	13.2	30.5	10.3	0.2	5.5	-	1.6
Servicing/Engineering	-	-	-	-	-	-	2.5	26.8	27.8	38.9	13.8
TOTAL	291.9	306.3	303.3	396.4	812.4	943.6	1,421.6	1,882.8	1,722.2	1,792.3	1,815.5
Foreign	168.8	246.8	260.5	362.6	765.7	823.4	1,199.0	1,234.6	1,122.2	1,270.2	1,318.2
Local	123.1	59.5	42.8	33.8	46.7	120.2	222.6	648.2	600.0	522.1	497.3

Note : Net investment commitments refer to gross commitments less projects withdrawn or uncertain as at 31 December 1984.

Source : Economic Development Board.

6.12 NET INVESTMENT COMMITMENTS IN MANUFACTURING BY COUNTRY OF ORIGIN

(Excluding Petrochemicals)

Million Dollars

Country	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984*
TOTAL	291.9	306.3	303.3	396.4	812.4	943.6	1,421.6	1,882.8	1,722.2	1,792.3	1,815.5
Local	123.1	59.5	42.8	33.8	46.7	120.2	222.6	648.2	600.0	522.1	497.3
Foreign	168.8	246.8	260.5	362.6	765.7	823.4	1,199.0	1,234.6	1,122.2	1,270.2	1,318.2
United States	64.5	45.6	92.9	153.5	146.9	259.9	505.8	674.4	513.3	570.1	780.9
Japan	44.6	23.6	76.1	129.4	158.4	319.4	139.7	225.3	72.1	166.5	174.8
Europe	28.0	167.5	50.1	47.7	418.6	161.3	360.4	228.7	402.7	396.2	325.1
European Community (EC)	25.8	158.9	45.7	36.7	408.1	132.3	268.9	166.3	367.7	340.9	318.9
United Kingdom	25.8	56.2	14.8	21.4	156.2	91.9	129.5	83.1	263.9	209.6	186.6
Netherlands	-	81.4	20.0	-	200.0	4.5	1.0	1.2	62.8	99.2	70.3
Germany	-	16.6	7.1	8.9	38.3	25.3	69.2	11.5	31.4	12.8	14.3
France	-	2.4	1.8	1.1	11.1	4.9	18.8	1.7	1.3	6.8	-
Italy	-	2.3	2.0	5.3	1.1	2.5	45.4	62.5	2.4	5.1	44.8
Other EC Countries	-	-	-	-	1.4	3.2	5.0	6.3	5.9	7.4	2.9
Switzerland	0.5	-	2.4	6.5	8.4	12.1	35.8	17.0	22.1	15.4	2.7
Other European Countries	1.7	8.6	2.0	4.5	2.1	16.9	55.7	45.4	12.9	39.9	3.5
Others	31.7	10.1	41.4	32.0	41.8	82.8	193.1	106.2	134.1	- 137.4	37.4

Source : Economic Development Board

6.13 PRINCIPAL STATISTICS OF PIONEER MANUFACTURING ESTABLISHMENTS

End of Year	Establishments	Workers	Input	Output	Value Added	Employees' Remuneration	Paid-up Capital	Gross Fixed Assets	Direct Exports
	Number		Million Dollars						
1973	293	92,745	3,435	4,913	1,451	406	1,164	2,630	3,277
1974	303	97,562	7,323	9,479	2,134	498	1,363	3,067	6,421
1975	306	80,018	6,522	8,386	1,840	502	1,489	3,373	5,541
1976	294	88,697	8,184	10,388	2,165	562	1,471	3,606	7,520
1977	289	91,313	9,220	11,686	2,421	617	1,465	3,768	8,386
1978	298	97,732	9,994	12,837	2,785	693	1,477	4,156	9,867
1979	341	111,525	12,067	15,526	3,391	864	1,579	5,244	12,393
1980	383	118,837	14,409	19,242	4,733	1,071	1,756	6,252	14,054
1981	403	112,765	15,272	20,484	5,090	1,170	1,873	7,114	14,777
1982	412	105,480	14,894	19,888	4,847	1,333	2,112	8,275	13,992
1983	441	112,219	15,043	20,606	5,365	1,553	2,522	9,100	14,765

**6.14 PRINCIPAL STATISTICS OF PIONEER MANUFACTURING ESTABLISHMENTS BY INDUSTRY GROUP,
DECEMBER 1983**

Industry Group	Estab- lishments	Workers	Input	Output	Value Added	Employees' Remunera- tion	Paid-up Capital	Gross Fixed Assets	Direct Exports
	Number		Million Dollars						
Total	441	112,219	15,043	20,606	5,365	1,553	2,522	9,100	14,765
Food & Beverages	18	2,201	310	413	103	38	161	224	111
Textiles & Garments	17	6,122	136	242	90	60	119	152	205
Wood Products	8	1,631	79	110	30	20	45	113	58
Paper & Paper Products	2	231	34	84	50	6	6	74	69
Leather & Rubber Products	8	714	19	40	21	10	33	58	32
Basic Industrial Chemicals	17	913	126	194	68	20	49	100	110
Other Chemical Products except Plastics	18	2,010	217	594	377	45	187	381	547
Petroleum & Petroleum Products	6	3,022	7,933	9,178	1,245	127	270	3,691	5,750
Non-metallic Mineral Products	12	1,031	121	173	51	15	56	104	70
Basic Metal Industries	10	1,612	233	370	133	38	72	211	40
Metal Products & Mechanical Engineering	146	22,056	867	1,722	828	307	547	1,542	1,168
Electrical & Electronic Products	132	62,992	4,734	6,825	1,977	745	657	1,945	6,127
Transport Equipment	19	4,813	130	488	329	90	162	387	396
Plastic Products	18	1,600	49	86	35	20	133	83	16
Miscellaneous	10	1,271	53	86	29	12	24	35	68

7 ELECTRICITY, GAS AND WATER SUPPLY

7 ELECTRICITY, C

AND WATER SUPPLY

The Public Utilities Board (PUB) 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 as supplement in peak periods. In 1984 the installed generating capacity remained at 2,691 megawatt (MW) of which 1,650 MW or 61 per cent is at Senoko.

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 37,392 kilometres of cables, 15,309 megavolt-amperes of transformer capacity, 4,054 substations and 182 substation kiosks.

The total number of consumers increased to 678,626 in 1984, of which 85 per cent were domestic

consumers. However, domestic consumption constituted only 16 per cent of the total consumption. Per capita consumption of electricity rose from 3,092 kilowatt hours (kWh) in 1983 to 3,292 kWh in 1984 while per capita domestic consumption increased slightly from 525 kWh in 1983 to 528 kWh in 1984.

Gas

Gas is produced by six 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 1,532 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 188,445 gas consumers. Of these, 97.5 per cent are domestic while the rest are commercial and industrial consumers. About one in three

households uses PUB gas. Of the 573.1 million units of gas sold in 1984, 57.2 per cent, 40.3 per cent and 2.5 per cent went 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 10 service reservoirs for distribution to consumers. The total number of consumers was 636,651 in 1984 and the average daily consumption based on sales figures during the year was 868,700 cubic metres, an increase of 3.2 per cent over 1983.

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							
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
1984	9,420.7	8,398.8	1,336.2	68.3	3,926.7	2,994.6	73.0	678,626

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						
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
1984	609.4	573.1	267.1	60.6	231.2	14.2	188,445

Source : Public Utilities Board

7.3 WATER PRODUCTION AND SALES

Year	Production	Sales						Number of Consumers (End of Period)
		Total	Domestic	Shipping	Commerce & Industry	Government & Statutory Boards	Johore	
	Thousand Cubic Metres							
1974	195,707.5	175,366.1	78,826.2	2,805.1	52,118.4	22,955.9	18,660.5	352,835
1975	213,530.5	190,169.7	87,295.1	3,063.7	55,036.4	23,432.9	21,341.6	381,682
1976	217,193.4	197,642.8	89,830.9	2,776.1	56,219.1	24,191.5	24,625.2	408,401
1977	231,800.9	209,966.3	95,038.5	2,683.6	60,382.5	23,344.7	28,517.0	438,853
1978	247,256.1	223,891.2	101,640.6	2,812.9	63,215.9	23,975.7	32,246.1	472,247
1979	265,742.4	237,902.8	106,504.5	3,043.1	70,160.4	23,759.1	34,435.7	497,241
1980	286,262.8	256,407.8	113,478.1	3,346.9	75,991.2	23,750.1	39,841.5	527,481
1981	306,848.9	276,442.6	119,436.8	3,495.2	84,417.0	25,332.7	43,760.9	546,961
1982	320,297.1	288,526.5	124,233.5	3,219.4	86,587.2	26,632.4	47,854.0	559,008
1983	336,770.7	307,322.3	132,438.2	3,267.9	93,534.8	27,798.1	50,283.3	577,584
1984	359,662.5	317,942.0	136,217.8	2,586.5	94,889.2	31,618.0	52,630.5	636,651

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 considered 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. It is responsible for formulating and implementing public housing programmes and related facilities such as the development of new towns and housing estates and the provision of communal facilities like 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.

Management of the HDB estates is on a decentralised basis by the 36 Area Offices located

within the various estates throughout Singapore. Rentals and instalment payments for HDB flats are collected at Area Offices.

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.

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.

From May 1982, flats formerly built by the Jurong Town Corporation and the Housing and Urban Development Company came under the management of 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
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	21,445	5,575	3,399.1	49,071	11,813	6,142.5	23,369	4,693	1,529.6
1981	42,381	9,753	7,297.5	74,741	17,202	11,544.0	16,711	4,362	1,932.3
1982	67,006	13,707	10,204.8	118,034	25,322	18,777.7	23,713	5,587	3,117.8
1983	64,559	11,107	6,882.5	139,822	27,814	20,390.5	42,771	8,615	5,390.7
1984	53,356	8,837	4,799.4	106,092	22,389	16,557.5	87,086	14,263	8,822.6

¹ End of period.

8.1 BUILDINGS COMMENCED, UNDER CONSTRUCTION AND COMPLETED (continued)

(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
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	18,036	3,200	1,508.8	41,587	6,967	2,968.0	20,600	2,883	753.3
1981	35,093	5,904	3,260.2	62,323	10,233	5,158.6	14,357	2,637	1,071.9
1982	58,877	8,753	4,841.0	100,597	15,586	8,525.6	20,603	3,400	1,471.3
1983	56,726	7,989	3,891.7	119,100	17,689	9,468.8	38,223	5,886	2,946.2
1984	49,712	6,994	2,919.4	89,046	13,504	6,829.8	79,766	11,179	5,554.0

¹ End of period.

8.1 BUILDINGS COMMENCED, UNDER CONSTRUCTION AND COMPLETED (continued)

(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
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	7,288	3,849	4,037.3	12,418	6,969	6,385.4	2,354	1,725	860.4
1982	8,129	4,954	5,363.8	17,437	9,736	10,252.1	3,110	2,187	1,646.5
1983	7,833	3,118	2,990.8	20,722	10,125	10,921.7	4,548	2,729	2,444.5
1984	3,644	1,843	1,880.0	17,046	8,885	9,727.7	7,320	3,084	3,268.6

¹ End of period.

8.2 NUMBER OF UNITS OF BUILDINGS COMMENCED

Number

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Residential Bungalow Semi-detached Terrace Flats Shophouses Others Non-residential Commercial Industrial Educational Others	Public and Private Sectors										
	28,057	48,749	33,228	33,351	26,940	25,431	18,903	39,462	61,212	61,284	51,560
	147	122	67	43	42	82	118	177	146	153	231
	525	165	76	76	95	180	294	128	167	404	452
	579	143	209	181	103	222	339	350	264	629	307
	26,389	47,807	32,204	31,927	26,353	24,490	17,811	38,587	60,030	59,099	49,922
	416	511	560	1,121	338	359	335	215	586	838	551
	1	1	112	3	9	98	6	5	19	161	97
	531	1,040	1,634	2,490	1,712	1,627	2,542	2,919	5,794	3,275	1,796
	141	519	701	833	266	302	765	598	1,511	1,534	1,258
	263	201	833	1,543	1,358	1,235	1,659	2,197	4,156	1,602	382
	35	42	16	12	17	22	40	47	47	48	39
	92	278	84	102	71	68	78	77	80	91	117
Residential Bungalow Semi-detached Terrace Flats Shophouses Others Non-residential Commercial Industrial Educational Others	Public Sector										
	25,211	47,504	31,575	32,155	24,913	23,456	15,886	33,051	54,657	54,369	48,405
	-	10	-	-	-	-	-	-	16	-	-
	-	-	-	-	-	-	-	2	-	-	-
	-	11	-	-	-	-	-	-	12	-	-
	24,840	46,990	30,904	31,035	24,580	23,035	15,555	32,840	54,032	53,381	47,760
	370	493	560	1,120	331	358	329	209	586	838	549
	1	-	111	-	2	63	2	-	11	150	96
	236	861	1,391	2,222	1,331	1,213	2,150	2,042	4,220	2,357	1,307
	80	480	604	754	168	192	674	359	729	1,163	1,057
	59	95	726	1,388	1,103	965	1,396	1,611	3,406	1,095	153
	24	30	6	12	12	11	31	34	42	47	32
	73	256	55	68	48	45	49	38	43	52	65
Residential Bungalow Semi-detached Terrace Flats Shophouses Others Non-residential Commercial Industrial Educational Others	Private Sector										
	2,846	1,245	1,653	1,196	2,027	1,975	3,017	6,411	6,555	6,915	3,155
	147	112	67	43	42	82	118	177	130	153	231
	525	165	76	76	95	180	294	126	167	404	452
	579	132	209	181	103	222	339	350	252	629	307
	1,549	817	1,300	892	1,773	1,455	2,256	5,747	5,998	5,718	2,162
	46	18	-	1	7	1	6	6	-	-	2
	-	1	1	3	7	35	4	5	8	11	1
	295	179	243	268	381	414	392	877	1,574	918	489
	61	39	97	79	98	110	91	239	782	371	201
	204	106	107	155	255	270	263	586	750	507	229
	11	12	10	-	5	11	9	13	5	1	7
	19	22	29	34	23	23	29	39	37	39	52

8.3 FLOOR AREA OF BUILDINGS COMMENCED

Thousand Square Metres

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Public and Private Sectors											
Residential	3,260	5,158	3,564	3,638	3,045	3,179	2,776	6,174	8,217	8,260	6,955
Bungalow	62	45	31	17	18	34	47	71	69	81	105
Semi-detached	134	49	20	20	25	47	77	34	50	113	135
Terrace	126	26	35	35	20	38	73	69	61	123	79
Flats	2,867	4,951	3,374	3,350	2,897	2,990	2,500	5,942	7,908	7,776	6,529
Shophouses	70	86	93	212	64	61	58	45	101	145	87
Others	1	1	11	4	21	9	21	13	28	22	20
Non-residential	1,389	1,794	1,795	1,865	1,775	2,160	2,799	3,578	5,490	2,846	1,882
Commercial	448	695	665	618	568	734	881	1,476	3,225	1,037	900
Industrial	759	585	789	651	931	1,171	1,478	1,648	1,774	1,050	425
Educational	133	156	77	118	99	112	241	216	380	470	346
Others	49	358	264	478	177	143	199	238	111	289	211
Public Sector											
Residential	2,525	4,860	3,213	3,390	2,640	2,781	2,049	4,731	6,778	6,745	6,170
Bungalow	-	3	-	-	-	-	-	-	4	-	-
Semi-detached	-	-	-	-	-	-	-	1	-	-	-
Terrace	-	1	-	-	-	-	-	-	3	-	-
Flats	2,466	4,774	3,110	3,178	2,566	2,717	1,981	4,689	6,661	6,584	6,065
Shophouses	58	82	93	212	63	61	56	41	101	145	86
Others	1	-	10	-	11	3	12	-	9	16	19
Non-residential	697	1,051	812	969	585	855	1,151	1,172	1,975	1,243	824
Commercial	265	423	209	254	54	278	180	210	766	208	281
Industrial	293	183	436	262	341	407	615	605	795	374	70
Educational	108	126	36	118	74	85	212	174	341	463	309
Others	31	319	131	335	116	85	144	183	73	198	164
Private Sector											
Residential	735	298	351	248	405	398	727	1,443	1,439	1,515	785
Bungalow	62	42	31	17	18	34	47	71	65	81	105
Semi-detached	134	49	20	20	25	47	77	33	50	113	135
Terrace	126	25	35	35	20	38	73	69	58	123	79
Flats	401	177	264	172	331	273	519	1,253	1,247	1,192	464
Shophouses	12	4	-	-	1	-	2	4	-	-	1
Others	-	1	1	4	10	6	9	13	19	6	1
Non-residential	692	743	983	896	1,190	1,305	1,648	2,406	3,515	1,603	1,058
Commercial	183	272	456	364	514	456	701	1,266	2,459	829	619
Industrial	466	402	353	389	590	764	863	1,043	979	676	355
Educational	25	30	41	-	25	27	29	42	39	7	37
Others	18	39	133	143	61	58	55	55	38	91	47

8.4 NUMBER OF UNITS OF BUILDINGS UNDER CONSTRUCTION

Number

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Public and Private Sectors											
Residential	41,089	58,267	57,124	58,235	50,929	47,322	45,223	69,841	109,361	130,467	98,776
Bungalow	380	328	215	204	163	149	206	258	263	263	354
Semi-detached	1,669	1,456	1,240	998	784	722	804	729	614	719	936
Terrace	1,574	1,128	1,069	1,075	856	898	880	921	981	1,263	1,288
Flats	36,957	54,697	53,644	54,584	48,199	44,699	42,460	67,197	106,510	126,635	94,801
Shophouses	509	658	845	1,370	918	751	775	696	935	1,376	1,209
Others	-	-	111	4	9	103	98	40	58	211	188
Non-residential	859	1,149	1,985	3,397	2,976	3,673	3,848	4,900	8,673	9,355	7,316
Commercial	262	630	847	1,520	949	1,065	1,223	1,340	2,242	3,025	3,045
Industrial	467	336	961	1,737	1,881	2,456	2,452	3,379	6,245	6,129	4,061
Educational	38	58	38	18	18	28	51	65	68	72	57
Others	92	125	139	122	128	124	122	116	118	129	153
Public Sector											
Residential	33,020	51,127	50,366	51,585	44,833	41,123	38,395	58,515	94,190	112,295	83,313
Bungalow	-	10	-	-	-	-	-	-	16	16	-
Semi-detached	-	-	-	-	-	-	-	2	-	-	-
Terrace	-	-	-	-	-	-	-	-	12	12	-
Flats	32,590	50,527	49,465	50,233	43,938	40,335	37,579	57,843	93,227	110,739	81,938
Shophouses	430	590	790	1,351	893	726	755	670	924	1,368	1,199
Others	-	-	111	1	2	62	61	-	11	160	176
Non-residential	417	729	1,582	3,008	2,462	3,028	3,192	3,808	6,407	6,805	5,733
Commercial	86	494	719	1,425	824	900	1,054	1,050	1,297	2,008	2,363
Industrial	242	101	751	1,485	1,529	2,014	2,012	2,637	4,993	4,667	3,253
Educational	28	43	24	16	15	18	36	49	51	63	47
Others	61	91	88	82	94	96	90	72	66	67	70
Private Sector											
Residential	8,069	7,140	6,758	6,650	6,096	6,199	6,828	11,326	15,171	18,172	15,463
Bungalow	380	318	215	204	163	149	206	258	247	247	354
Semi-detached	1,669	1,456	1,240	998	784	722	804	727	614	719	936
Terrace	1,574	1,128	1,069	1,075	856	898	880	921	969	1,251	1,288
Flats	4,367	4,170	4,179	4,351	4,261	4,364	4,881	9,354	13,283	15,896	12,863
Shophouses	79	68	55	19	25	25	20	26	11	8	10
Others	-	-	-	3	7	41	37	40	47	51	12
Non-residential	442	420	403	389	514	645	656	1,092	2,266	2,550	1,583
Commercial	176	136	128	95	125	165	169	290	945	1,017	682
Industrial	225	235	210	252	352	442	440	742	1,252	1,462	808
Educational	10	15	14	2	3	10	15	16	17	9	10
Others	31	34	51	40	34	28	32	44	52	62	83

8.5 FLOOR AREA OF BUILDINGS UNDER CONSTRUCTION

Thousand Square Metres

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Public and Private Sectors											
Residential	5,320	7,048	6,924	6,993	6,141	6,075	6,315	10,489	15,809	18,321	14,323
Bungalow	160	138	98	38	20	15	22	44	60	77	107
Semi-detached	421	369	309	249	191	182	184	166	139	174	237
Terrace	329	233	216	217	172	176	178	190	194	238	260
Flats	4,324	6,194	6,144	6,220	5,560	5,544	5,770	9,941	15,202	17,546	13,477
Shophouses	86	114	147	259	177	140	135	128	167	242	196
Others	-	-	10	10	21	18	26	20	47	44	46
Non-residential	3,354	3,543	3,797	4,050	3,991	4,855	5,499	6,713	9,512	9,493	8,066
Commercial	1,640	1,528	1,531	1,796	1,752	2,064	2,294	3,216	5,658	5,605	5,037
Industrial	1,228	1,205	1,427	1,311	1,285	1,820	2,206	2,566	3,001	2,703	1,924
Educational	231	317	210	160	201	249	368	452	514	693	640
Others	255	493	629	783	753	722	631	479	339	492	465
Public Sector											
Residential	3,286	5,255	5,292	5,448	4,795	4,747	4,826	7,981	12,457	14,405	10,859
Bungalow	-	3	-	-	-	-	-	-	4	4	-
Semi-detached	-	-	-	-	-	-	-	1	-	-	-
Terrace	-	-	-	-	-	-	-	-	3	3	-
Flats	3,220	5,155	5,149	5,188	4,613	4,610	4,681	7,859	12,276	14,141	10,634
Shophouses	66	97	133	254	171	134	130	121	165	240	194
Others	-	-	10	6	11	3	15	-	9	17	31
Non-residential	1,253	1,806	1,885	1,941	1,503	1,903	2,142	2,252	3,128	3,284	2,645
Commercial	397	663	521	644	305	479	474	574	1,127	1,164	911
Industrial	485	484	756	639	465	677	838	906	1,321	1,151	795
Educational	181	250	151	140	167	211	306	394	422	616	595
Others	190	409	457	518	566	536	524	378	258	353	344
Private Sector											
Residential	2,034	1,793	1,632	1,545	1,346	1,328	1,489	2,508	3,352	3,916	3,464
Bungalow	160	135	98	38	20	15	22	44	56	73	107
Semi-detached	421	369	309	249	191	182	184	165	139	174	237
Terrace	329	233	216	217	172	176	178	190	191	235	260
Flats	1,104	1,039	995	1,032	947	934	1,089	2,082	2,926	3,405	2,843
Shophouses	20	17	14	5	6	6	5	7	2	2	2
Others	-	-	-	4	10	15	11	20	38	27	15
Non-residential	2,101	1,737	1,912	2,109	2,488	2,952	3,357	4,461	6,384	6,209	5,421
Commercial	1,243	865	1,010	1,152	1,447	1,585	1,820	2,642	4,531	4,441	4,126
Industrial	743	721	671	672	820	1,143	1,368	1,660	1,680	1,552	1,129
Educational	50	67	59	20	34	38	62	58	92	77	45
Others	65	84	172	265	187	186	107	101	81	139	121

8.6 NUMBER OF UNITS OF BUILDINGS COMPLETED

Number

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Public and Private Sectors											
Residential	31,143	31,571	34,371	32,240	34,246	29,038	21,002	14,844	21,692	40,178	83,251
Bungalow	244	174	180	54	83	96	61	125	141	153	140
Semi-detached	734	378	292	318	309	242	212	203	282	299	235
Terrace	1,042	589	268	175	322	180	357	309	204	347	282
Flats	28,682	30,067	33,257	30,987	32,738	27,990	20,050	13,850	20,717	38,974	81,756
Shophouses	439	362	373	596	790	526	311	294	347	397	718
Others	2	1	1	110	4	4	11	63	1	8	120
Non-residential	663	750	798	1,078	2,133	930	2,367	1,867	2,021	2,593	3,835
Commercial	342	151	484	160	837	186	607	481	609	751	1,238
Industrial	229	332	208	767	1,214	660	1,663	1,270	1,290	1,718	2,450
Educational	18	22	36	32	17	12	17	33	44	44	54
Others	74	245	70	119	65	72	80	83	78	80	93
Public Sector											
Residential	28,346	29,397	32,336	30,936	31,665	27,166	18,614	12,931	18,982	36,264	77,387
Bungalow	1	-	10	-	-	-	-	-	-	-	16
Semi-detached	2	-	-	-	-	-	-	-	2	-	-
Terrace	-	11	-	-	-	-	-	-	-	-	12
Flats	27,903	29,053	31,966	30,267	30,875	26,638	18,311	12,576	18,648	35,869	76,561
Shophouses	439	333	360	559	789	525	300	294	332	394	718
Others	1	-	-	110	1	3	3	61	-	1	80
Non-residential	461	549	538	796	1,877	647	1,986	1,426	1,621	1,959	2,379
Commercial	253	72	379	48	769	116	520	363	482	452	702
Industrial	140	236	76	654	1,059	480	1,398	986	1,050	1,421	1,567
Educational	10	15	25	20	13	8	13	21	40	35	48
Others	58	226	58	74	36	43	55	56	49	51	62
Private Sector											
Residential	2,797	2,174	2,035	1,304	2,581	1,872	2,388	1,913	2,710	3,914	5,864
Bungalow	243	174	170	54	83	96	61	125	141	153	124
Semi-detached	732	378	292	318	309	242	212	203	280	299	235
Terrace	1,042	578	268	175	322	180	357	309	204	347	270
Flats	779	1,014	1,291	720	1,863	1,352	1,739	1,274	2,069	3,105	5,195
Shophouses	-	29	13	37	1	1	11	-	15	3	-
Others	1	1	1	-	3	1	8	2	1	7	40
Non-residential	202	201	260	282	256	283	381	441	400	634	1,456
Commercial	89	79	105	112	68	70	87	118	127	299	536
Industrial	89	96	132	113	155	180	265	284	240	297	883
Educational	8	7	11	12	4	4	4	12	4	9	6
Others	16	19	12	45	29	29	25	27	29	29	31

8.7 FLOOR AREA OF BUILDINGS COMPLETED

Thousand Square Metres

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Public and Private Sectors											
Residential	2,824	3,431	3,688	3,570	3,898	3,243	2,538	2,001	2,896	5,750	10,954
Bungalow	89	68	70	78	35	39	40	49	53	64	76
Semi-detached	180	101	79	80	83	56	76	55	77	79	73
Terrace	190	122	54	34	67	35	72	57	56	78	58
Flats	2,301	3,081	3,423	3,274	3,558	3,002	2,275	1,772	2,649	5,433	10,596
Shophouses	63	58	61	100	145	99	62	51	61	71	132
Others	1	1	1	4	10	12	13	17	-	25	19
Non-residential	1,089	1,604	1,540	1,612	1,834	1,298	2,155	2,361	2,691	2,865	3,308
Commercial	488	806	663	353	612	423	651	555	785	1,090	1,466
Industrial	460	606	566	769	958	637	1,091	1,286	1,336	1,349	1,204
Educational	55	70	182	169	58	63	123	132	319	291	399
Others	86	122	129	321	206	175	290	388	251	135	239
Public Sector											
Residential	2,181	2,891	3,176	3,233	3,293	2,829	1,971	1,576	2,302	4,798	9,716
Bungalow	1	-	3	-	-	-	-	-	-	-	4
Semi-detached	1	-	-	-	-	-	-	-	1	-	-
Terrace	-	1	-	-	-	-	-	-	-	-	3
Flats	2,115	2,839	3,115	3,138	3,142	2,719	1,911	1,511	2,244	4,720	9,572
Shophouses	63	51	58	91	145	99	60	51	57	70	132
Others	1	-	-	4	6	11	-	14	-	8	5
Non-residential	221	499	732	913	1,024	455	912	1,061	1,098	1,088	1,462
Commercial	65	156	351	131	392	105	184	110	213	171	533
Industrial	71	183	164	380	515	195	454	536	380	545	426
Educational	20	57	134	129	47	41	118	86	312	269	330
Others	65	103	83	273	70	114	156	329	193	103	173
Private Sector											
Residential	643	540	512	337	605	414	567	425	594	952	1,238
Bungalow	88	68	67	78	35	39	40	49	53	64	72
Semi-detached	179	101	79	80	83	56	76	55	76	79	73
Terrace	190	121	54	34	67	35	72	57	56	78	55
Flats	186	242	308	136	416	283	364	261	405	713	1,024
Shophouses	-	7	3	9	-	-	2	-	4	1	-
Others	-	1	1	-	4	1	13	3	-	17	14
Non-residential	868	1,105	808	699	810	843	1,243	1,300	1,593	1,777	1,846
Commercial	423	650	312	222	220	318	467	445	572	919	933
Industrial	389	423	402	389	443	442	637	751	956	804	778
Educational	35	13	48	40	11	22	5	46	7	22	69
Others	21	19	46	48	136	61	134	58	58	32	66

8.8 FLOOR AREA OF PRIVATE SECTOR COMMERCIAL BUILDINGS

Thousand Square Metres

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Buildings Commenced	181	272	456	364	514	456	701	1,266	2,459	829	619
Hotels	12	28	153	47	51	43	275	193	612	43	38
Shops	9	99	64	92	145	74	122	291	335	31	119
Offices	80	71	142	34	85	129	85	298	233	220	154
Restaurants	1	4	10	11	8	15	41	44	123	10	21
Car Parks	1	28	38	41	54	51	106	273	390	75	87
Godowns & Warehouses	63	33	32	106	45	30	39	71	354	165	77
Others	15	9	17	33	126	114	33	96	412	285	123
Buildings Under Construction (End of Period)	1,243	865	1,010	1,152	1,447	1,585	1,820	2,642	4,531	4,441	4,126
Hotels	82	102	255	274	240	271	390	513	1,066	1,073	978
Shops	219	170	197	256	328	305	351	571	815	579	580
Offices	536	332	299	286	339	381	336	560	635	706	652
Restaurants	42	27	33	17	24	32	70	105	207	197	189
Car Parks	235	114	131	145	198	184	248	472	806	710	671
Godowns & Warehouses	70	73	46	126	155	171	178	214	453	424	247
Others	59	47	49	48	163	241	247	207	549	752	809
Buildings Completed	423	650	312	222	219	318	467	445	572	919	933
Hotels	83	8	-	28	86	11	156	71	60	36	133
Shops	63	147	38	33	73	97	75	72	93	268	117
Offices	187	277	176	45	32	87	130	73	160	149	209
Restaurants	10	19	4	27	1	7	4	9	19	20	29
Car Parks	57	149	21	28	-	66	43	50	54	170	127
Godowns & Warehouses	11	29	58	26	16	14	32	35	115	194	253
Others	12	21	15	35	11	36	27	135	71	82	65

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	Executive	HUDC	
1974	199,583	67,369	34,719	84,152	11,118	2,225	-	-	6,286
1975	229,338	72,247	37,551	97,575	17,372	4,593	-	-	6,958
1976	257,271	73,530	40,896	111,493	23,095	7,887	-	370	7,411
1977	297,199	75,008	44,293	129,077	34,894	11,889	-	2,038	9,182
1978	330,495	76,072	45,658	147,579	43,607	15,469	-	2,110	10,295
1979	353,961	71,950	47,139	165,098	49,823	17,841	-	2,110	12,169
1980	372,640	69,230	48,633	176,003	55,719	20,459	-	2,596	14,139
1981	383,026	67,132	48,867	181,489	59,971	22,835	-	2,732	15,386
1982	399,935	65,908	48,644	190,688	65,521	26,442	-	2,732	16,784
1983	430,169	60,982	48,563	203,116	81,082	31,345	1,867	3,214	18,729
1984	506,340	60,283	48,622	229,671	116,764	40,678	5,400	4,922	21,209

Note : Figures include units managed by Jurong Town Corporation (from 1973-April 1982) and Housing and Urban Development Company (from 1976/77-April 1982).

Source : Housing & Development Board
Jurong Town Corporation
Housing & Urban Development Company

8.10 DWELLING UNITS CONSTRUCTED AND SOLD BY HOUSING AND DEVELOPMENT BOARD

Year	Flats Constructed ¹	Flats Sold Under 'Home Ownership Scheme' ¹	Percentage of Total Population Living in Public Flats (End of Period)
	Number		
1974	29,425	15,352	49
1975	31,802	16,576	54
1976	31,025	23,345	60
1977	30,498	36,536	64
1978	29,742	25,600	68
1979	26,709	23,584	71
1980	18,421	23,234	73
1981	15,381	11,129	74
1982	19,532	21,403	75
1983	40,062	34,013	77
1984	67,017	81,823	81

¹ Figures include units constructed and sold by Jurong Town Corporation prior to 1982, but exclude those constructed and sold by Housing and Urban Development Company.

Source : Housing & Development Board
Jurong Town Corporation
Housing & Urban Development Company

9 TRADE AND SERVICES

The Survey of Services has been conducted biennially by the Department of Statistics since 1972. It covers establishments including statutory boards and non-profit organizations engaged in transport, storage and communication, financing, insurance, real estate, business services and consultancy, social and personal services but excludes government ministries and departments, foreign missions, political parties, trade and professional associations, independent entities and domestic companies or Wholesale/Retail Trade. It is also being conducted biennially. It covers wholesale and retail trade, restaurants and hotels but excludes banking and staff-holding.

From 1975, both surveys were conducted on a full coverage from 1975 onwards the surveys were conducted on a sample basis using stratified sampling methods at the detailed industry level. Within each industry, large establishments were systematically selected and they accounted for about 80 per cent of total operating revenue.

9 TRADE AND SERVICES

The Survey of Services has been conducted biennially by the Department of Statistics since 1972. It covers establishments including statutory boards and non-profit organizations engaged in transport, storage and communication, financing, insurance, real estate, business services and community, social and personal services but excludes government ministries and departments, foreign missions, political parties, taxis and trishaw operators, independent artistes and domestic servants. The Survey of Wholesale/Retail Trades, Restaurants and Hotels has been conducted since 1973. It is also being conducted biennially. It covers wholesale and retail trades, restaurants and hotels but excludes hawkers and stall-holders.

Prior to 1976, both surveys were conducted on a full coverage. From 1976 onwards, the surveys were conducted on a sample basis using stratified sampling methods at the detailed industry level. Within each industry, large establishments were automatically selected and they accounted for about 80 per cent of total operating receipts.

The statistical unit used in both surveys is the establishment. A separate return is required from each branch of a multi-activity firm, organization or enterprise. However, a consolidated return in respect of the multi-establishment firm, organization or enterprise is allowed if the accounts are so kept that it is impossible for the respondent to comply.

The terms used in the following tables are defined below :

Employment : Total number of persons engaged including part-time employees, working proprietors and partners, working directors and unpaid family workers as at 30 June of the reference year.

Remuneration : The amount paid to employees in the form of wages and salaries, bonuses and allowances, CPF/pension fund contributions and that rendered to unpaid family workers and directors as allowances, fees and benefits in kind.

Turnover/Operating Receipts : Total receipts and receivables from sales of goods and services including commissions and brokerage fees, insurance premiums and rental income. However, for financing service establishments, operating receipts include interest, dividend income and gains from transactions in stocks and shares and foreign exchange.

Value Added : Comprised operating surplus, remuneration, interest payment, rental payment for buildings and premises and depreciation allowances.

Operating Surplus : The excess of turn-over/operating receipts over operating costs.

9.1 PRINCIPAL STATISTICS OF TRADE SECTOR BY INDUSTRY

	Establishments	Employment	Remuneration	Establishments	Employment	Remuneration
	Number		Million Dollars	Number		Million Dollars
	Total			Wholesale Trade		
1973	19,308	131,207	536	6,186	52,090	311
1975	23,593	154,853	819	9,338	71,840	535
1977	27,987	172,641	1,037	12,164	82,254	685
1979	34,441	200,471	1,441	15,783	97,319	954
1981	38,237	215,294	1,992	18,794	107,316	1,323
	Retail Trade			Restaurants & Hotels		
1973	10,918	50,691	138	2,204	28,426	87
1975	11,870	52,644	163	2,385	30,369	121
1977	13,279	56,835	198	2,544	33,552	154
1979	15,742	66,048	270	2,916	37,104	217
1981	16,457	65,462	353	2,986	42,516	316

9.2 SELECTED AVERAGES AND RATIOS IN TRADE SECTOR

	Turnover	Operating Surplus	Value Added	Value Added Per Person Engaged	Operating Surplus to Turnover	Remuneration to Operating Costs	Remuneration to Value Added
	Per Establishment						
	Thousand Dollars				Per Cent		
Total							
1973	837	51	92	14	6.0	3.5	30.2
1975	973	58	111	17	5.9	3.8	31.4
1977	1,071	54	110	18	5.1	3.6	33.6
1979	1,474	81	147	25	5.5	3.0	28.4
1981	1,726	61	151	27	3.5	3.1	34.5
Wholesale Trade							
1973	1,986	111	184	22	5.6	2.7	27.3
1975	1,988	109	195	25	5.5	3.1	29.5
1977	2,013	89	172	25	4.4	2.9	32.7
1979	2,721	136	230	37	5.0	2.3	26.3
1981	2,971	84	207	36	2.8	2.4	34.0
Retail Trade							
1973	314	24	43	9	7.7	4.3	29.0
1975	318	24	46	10	7.6	4.7	29.5
1977	352	24	50	12	6.9	4.5	30.0
1979	423	30	59	14	7.1	4.4	28.9
1981	513	27	67	17	5.3	4.4	31.9
Restaurants & Hotels							
1973	200	13	73	6	6.4	21.2	54.5
1975	259	23	100	8	8.7	21.5	50.7
1977	314	43	129	10	13.7	22.3	46.9
1979	405	62	175	14	15.4	21.7	42.5
1981	583	97	263	18	16.7	21.8	40.4

9.3 PRINCIPAL STATISTICS OF SERVICES SECTOR BY INDUSTRY

	Establishments	Employment	Remuneration	Establishments	Employment	Remuneration	
	Number		Million Dollars	Number		Million Dollars	
	Transport, Storage & Communications			Financing & Insurance Services			
	1974	2,944	66,095	499	1,327	19,338	223
	1976	3,852	74,985	698	1,624	21,771	289
	1978	4,466	83,271	899	1,743	23,594	362
	1980	5,703	89,429	1,123	2,330	28,117	542
	1982	6,002	90,290	1,476	2,857	33,917	836
	Real Estate, Business, Social & Personal Services			Non-profit Organizations			
	1974	7,146	60,737	351	3,188	23,513	190
	1976	9,815	76,990	519	3,628	25,699	220
	1978	11,762	83,626	614	3,805	25,805	256
	1980	14,678	99,875	954	4,372	25,918	348
	1982	15,910	109,260	1,417	4,674	25,840	510

9.4 SELECTED AVERAGES AND RATIOS IN SERVICES SECTOR

	Operating Receipts	Operating Surplus	Value Added	Value Added Per Person Engaged	Operating Surplus to Operating Receipts	Remuneration to Operating Expenditure ¹	Remuneration to Value Added
	Per Establishment						
	Thousand Dollars						
Total							
1974	604	107	205	18	17.7	17.0	42.1
1976	617	76	206	20	12.3	16.8	44.4
1978	816	107	247	25	13.1	13.7	39.6
1980	1,232	163	301	33	13.2	10.2	36.4
1982	1,993	200	392	45	10.0	8.0	36.7
Transport, Storage & Communications							
1974	877	136	397	18	15.5	23.6	42.7
1976	1,002	115	426	22	11.5	21.5	42.6
1978	1,231	138	517	28	11.2	19.2	39.0
1980	1,466	151	534	34	10.3	15.6	36.9
1982	1,701	108	632	42	6.3	16.2	38.9
Financing & Insurance Services							
1974	3,422	645	519	36	18.8	6.0	32.3
1976	3,087	534	525	39	17.3	7.0	33.9
1978	4,757	790	714	53	16.6	5.2	29.1
1980	8,303	1,210	934	77	14.6	3.3	24.9
1982	14,114	1,537	1,173	99	10.9	2.3	25.0
Real Estate, Business, Social & Personal Services							
1974	531	87	306	16	16.3	25.2	36.5
1976	275	13	118	15	4.6	20.3	44.6
1978	328	29	132	19	8.8	17.6	39.6
1980	375	49	174	26	13.2	20.2	37.5
1982	501	53	242	35	10.5	20.0	36.8
Non-profit Organizations							
1974	103	-	63	9	-	62.6	94.3
1976	117	-	65	9	-	58.5	93.2
1978	140	-	73	11	-	57.6	92.2
1980	168	-	86	14	-	56.9	93.1
1982	219	-	119	22	-	57.9	91.5

¹ Refers to remuneration to gross expenditure for non-profit organizations.

10 EXTERNAL TRADE

10 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 with the following major exceptions :

- (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) Goods temporarily taken in or out of the country to be returned after a specific purposes eg for exhibition;
- (v) Personal and household effects accompanying passengers or crews;
- (vi) Samples and gifts not exceeding the value of \$300;
- (vii) Gold bullion and gold coins; and
- (viii) 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.

Definitions and Terms Used

Imports : 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 reshipment to other countries.

Exports : All goods taken out of Singapore, except those specified as excluded under the **Coverage** section.

Domestic Exports : 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 and exports 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.

10.1 TOTAL TRADE BY REGION AND SELECTED COUNTRY

Million Dollars

Region/Country	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
TOTAL	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	112,473.6
South East Asia	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	23,774.6
Malaysia	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	17,503.9
Thailand	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	3,809.0
Philippines	170.9	203.8	219.0	455.1	484.3	676.1	746.3	807.4	911.0	1,161.0	836.0
Brunei	156.9	285.6	291.9	438.1	585.2	834.9	1,016.0	1,373.7	1,246.7	1,150.4	1,042.5
North East Asia	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	28,375.3
Japan	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	16,024.6
Hong Kong	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	4,457.5
Taiwan	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	2,827.4
China, People's Rep	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	3,400.4
Republic of Korea	288.2	251.8	389.4	573.9	734.7	924.3	1,206.6	1,282.8	1,422.2	1,868.6	1,598.2
South Asia	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	3,605.8
India	237.5	236.5	295.0	536.2	809.7	708.9	1,208.1	1,474.3	1,559.8	1,656.9	1,883.7
Sri Lanka	82.1	95.8	67.7	111.1	218.8	316.3	371.8	412.3	678.5	658.1	405.1
Bangladesh	69.1	68.7	81.0	81.7	234.8	284.6	576.7	625.9	589.7	538.3	617.0
Pakistan	109.4	97.9	122.5	142.0	181.8	413.7	534.2	373.9	311.8	306.4	516.2
West Asia	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	14,601.8
Saudi Arabia	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	7,051.0
Iran	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	1,457.8
United Arab Emirates	271.4	312.1	255.1	313.0	353.2	513.7	1,090.6	1,623.1	1,165.5	1,845.5	1,849.6
Kuwait	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	2,192.5
Bahrein	186.7	148.5	311.0	314.8	308.2	490.8	735.7	746.5	981.1	577.3	528.3
Iraq	259.6	290.0	330.7	584.1	828.9	1,505.2	589.6	153.3	51.6	38.1	39.2

10.1 TOTAL TRADE BY REGION AND SELECTED COUNTRY (continued)

Million Dollars

Region/Country	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
European Economic Community	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	11,119.4
United Kingdom	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	2,968.9
Germany, Fed Rep	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	2,894.2
France	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	1,660.3
Italy	414.9	335.1	396.4	486.8	575.9	840.7	1,017.2	957.4	951.1	1,210.6	1,437.0
Netherlands	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	1,121.3
European Free Trade Association	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	1,564.3
Switzerland	182.7	196.6	226.4	267.5	344.2	406.9	554.1	496.7	515.0	555.4	555.2
Other Western Europe	154.2	119.0	188.2	269.0	316.9	383.9	429.2	336.1	391.7	423.1	463.5
Socialist Countries of Eastern Europe	466.3	288.2	431.3	451.6	563.6	743.7	904.8	727.7	853.2	839.1	1,172.4
USSR	262.2	144.2	208.4	259.4	311.9	447.2	558.1	440.0	640.3	477.8	846.6
North America	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	19,918.3
United States	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	19,214.6
Canada	253.5	231.3	310.7	334.2	358.2	449.9	555.9	665.1	505.1	564.3	703.6
Latin American Free Trade Association	323.8	259.3	357.2	548.6	542.1	771.0	762.0	639.1	649.8	573.6	669.3
Brazil	153.2	93.7	168.5	228.9	285.6	381.4	330.2	250.7	306.5	250.5	331.5
Oceania	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	4,701.2
Australia	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	3,253.0
New Zealand	250.8	299.8	258.3	281.6	328.5	560.8	939.1	794.8	891.8	607.1	621.9
Rest of the World	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	2,507.7

10.2 IMPORTS BY REGION AND SELECTED COUNTRY

Million Dollars

Region/Country	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
TOTAL	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	61,133.6
South East Asia	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	11,593.4
Malaysia	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	9,179.7
Thailand	542.6	406.3	516.3	571.0	814.7	1,086.3	1,019.0	997.6	1,131.8	1,068.2	1,350.9
Philippines	53.5	68.1	91.6	167.0	148.9	160.6	160.2	226.7	218.9	271.3	395.0
Brunei	4.9	5.8	52.1	145.5	226.8	379.2	424.2	691.1	477.6	404.4	415.4
North East Asia	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	18,175.9
Japan	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	11,217.9
Hong Kong	470.9	427.8	536.7	651.2	731.4	836.5	1,055.1	1,093.0	1,261.3	1,268.9	1,281.3
Taiwan	348.6	383.6	536.9	583.8	732.6	984.2	1,216.3	1,275.1	1,309.9	1,601.5	1,997.8
China, People's Rep	643.9	682.0	659.0	670.4	775.5	894.1	1,332.1	1,629.8	1,881.0	1,747.2	2,881.1
Republic of Korea	144.9	144.9	206.8	260.3	334.6	423.9	584.7	661.3	743.8	904.0	784.0
South Asia	276.7	222.7	277.6	294.3	297.8	309.3	443.6	520.1	795.0	1,041.5	612.3
India	167.0	137.0	181.9	190.0	188.1	218.7	246.4	280.7	408.2	733.5	470.4
Sri Lanka	26.0	42.9	29.4	30.8	35.1	32.8	37.6	53.2	254.4	155.9	28.9
Bangladesh	5.3	4.9	15.1	10.9	18.5	8.7	42.8	30.4	21.4	17.1	43.1
Pakistan	67.9	28.6	40.2	44.8	43.0	36.5	91.5	125.3	94.2	120.8	60.9
West Asia	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	11,179.3
Saudi Arabia	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	5,687.5
Iran	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	733.0
United Arab Emirates	156.0	182.6	21.3	44.2	35.8	31.8	484.4	899.5	809.9	1,418.6	1,403.2
Kuwait	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	1,882.7
Bahrein	162.2	107.7	240.4	254.0	251.5	390.7	667.3	675.3	900.4	499.5	455.4
Iraq	191.1	253.6	296.9	548.6	769.5	1,363.5	457.8	35.2	0.9	8.1	1.4

10.2 IMPORTS BY REGION AND SELECTED COUNTRY (continued)

Million Dollars

Region/Country	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
European Economic Community	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	6,139.6
United Kingdom	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	1,596.0
Germany, Fed Rep	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	1,667.0
France	234.2	266.8	284.0	310.7	441.4	484.3	699.0	967.6	1,124.6	1,050.1	1,022.7
Italy	237.1	211.7	185.2	243.4	318.6	423.7	484.2	543.0	589.5	766.6	905.5
Netherlands	274.6	280.5	219.5	241.5	280.8	373.9	520.8	462.6	452.1	507.2	492.7
European Free Trade Association	414.8	356.8	379.3	457.3	597.4	835.5	1,182.8	1,104.4	1,177.0	977.6	1,139.7
Switzerland	158.2	164.7	183.7	217.5	276.3	337.7	428.4	378.3	418.1	433.5	433.7
Other Western Europe	34.2	29.0	38.0	40.0	67.3	112.5	99.3	76.3	174.8	142.7	191.1
Socialist Countries of Eastern Europe	85.7	63.0	101.4	133.6	142.7	177.8	171.3	214.2	269.7	357.6	297.3
USSR	25.7	18.2	48.9	63.9	52.9	52.0	51.2	96.7	175.6	98.3	86.4
North America	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	9,241.1
United States	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	8,922.9
Canada	111.0	105.9	105.5	109.7	143.6	176.9	272.9	276.7	220.2	219.2	318.2
Latin American Free Trade Association	62.3	94.5	105.9	226.3	201.2	219.5	254.3	225.0	373.0	278.4	302.4
Brazil	48.1	43.5	64.7	107.3	137.0	129.7	168.2	131.4	212.8	147.8	186.4
Oceania	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	1,784.8
Australia	571.0	661.5	578.0	644.6	597.5	843.4	1,162.3	1,207.5	1,400.3	1,123.4	1,501.6
New Zealand	74.8	78.6	92.9	88.6	123.7	150.4	188.8	225.1	221.4	180.7	221.7
Rest of the World	194.2	215.4	258.2	272.5	357.5	483.1	714.9	698.0	1,046.1	775.2	476.7

10.3 EXPORTS BY REGION AND SELECTED COUNTRY

Million Dollars

Region/Country	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
TOTAL	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	51,340.0
South East Asia	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	12,181.2
Malaysia	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	8,324.2
Thailand	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	2,458.1
Philippines	117.4	135.7	127.4	288.1	335.4	515.5	586.1	580.7	692.1	889.7	441.0
Brunei	152.0	279.8	239.8	292.6	358.4	455.7	591.8	682.6	769.1	746.0	627.1
North East Asia	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	10,199.4
Japan	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	4,806.7
Hong Kong	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	3,176.2
Taiwan	171.1	131.1	166.7	292.3	349.2	450.6	702.0	606.6	575.8	687.5	829.6
China, People's Rep	125.8	98.5	95.4	144.7	130.7	369.6	657.9	377.3	516.7	449.8	519.3
Republic of Korea	143.3	106.9	182.6	313.6	400.1	500.4	621.9	621.5	678.4	964.6	814.2
South Asia	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	2,993.5
India	70.5	99.5	113.1	364.2	621.6	490.2	961.7	1,193.6	1,151.6	923.4	1,413.3
Sri Lanka	56.1	52.9	38.3	80.3	183.7	283.5	334.2	359.1	424.1	502.2	376.2
Bangladesh	63.8	63.8	65.9	70.8	216.3	275.8	533.9	595.5	568.3	521.2	573.9
Pakistan	41.5	69.3	82.3	97.2	138.8	377.2	442.7	248.6	217.6	185.6	455.3
West Asia	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	3,422.5
Saudi Arabia	102.7	205.3	199.4	293.5	373.8	702.9	824.6	1,064.6	1,275.5	974.7	1,363.5
Iran	53.2	63.8	69.4	81.4	139.3	59.6	200.9	208.4	549.8	821.6	724.8
United Arab Emirates	115.4	129.5	233.8	268.8	317.4	481.9	606.2	723.6	355.6	426.9	446.4
Kuwait	24.6	36.4	73.3	83.1	102.6	172.1	187.7	253.5	220.7	142.0	309.8
Bahrein	24.5	40.8	70.6	60.8	56.7	100.1	68.4	71.2	80.7	77.8	72.9
Iraq	68.5	36.4	33.8	35.5	59.4	141.7	131.8	118.1	50.7	30.0	37.8

10.3 EXPORTS BY REGION AND SELECTED COUNTRY (continued)

Million Dollars

Region/Country	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
European Economic Community	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	4,979.8
United Kingdom	574.5	539.8	595.9	646.3	724.8	963.8	1,069.2	1,050.6	904.7	1,053.7	1,372.9
Germany, Fed Rep	428.2	481.5	647.9	769.1	759.7	1,054.2	1,247.0	1,126.2	974.6	1,071.7	1,227.0
France	262.9	224.7	402.1	444.9	448.5	671.7	906.1	796.4	671.2	662.0	637.6
Italy	177.8	123.4	211.2	243.4	257.3	417.0	533.0	414.4	361.6	444.0	531.5
Netherlands	231.7	242.9	273.9	399.6	413.4	719.4	784.0	732.3	759.2	536.7	628.6
European Free Trade Association	154.3	167.0	312.8	334.9	249.7	354.5	488.1	414.2	392.6	415.5	424.6
Switzerland	24.5	31.9	42.7	50.0	67.9	69.2	125.7	118.4	96.9	121.9	121.5
Other Western Europe	120.0	90.0	150.2	229.0	249.6	271.4	329.9	259.8	216.9	280.4	272.4
Socialist Countries of Eastern Europe	380.6	225.2	329.9	318.0	420.9	565.9	733.5	513.5	583.5	481.5	875.1
USSR	236.4	126.0	159.5	195.5	259.0	395.2	506.9	343.3	464.7	379.5	760.2
North America	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	10,677.2
United States	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	10,291.7
Canada	142.5	125.4	205.2	224.5	214.6	273.0	283.0	388.4	284.9	345.1	385.4
Latin American Free Trade Association	261.6	164.8	251.3	322.3	340.9	551.5	507.7	414.1	276.8	295.2	366.9
Brazil	105.1	50.2	103.8	121.6	148.6	251.7	162.0	119.3	93.7	102.7	145.1
Oceania	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	2,916.4
Australia	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	1,751.4
New Zealand	176.0	221.2	165.4	193.0	204.8	410.4	750.3	569.7	670.4	426.4	400.2
Rest of the World	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	2,031.0

10.4 DOMESTIC EXPORTS BY REGION AND SELECTED COUNTRY

Million Dollars

Region/Country	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
TOTAL	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	33,051.2
South East Asia	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	5,804.6
Malaysia	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	3,533.3
Thailand	255.6	268.6	260.8	317.8	479.0	812.3	1,307.6	1,393.4	1,154.6	1,279.8	1,726.1
Philippines	73.2	63.3	48.6	174.8	195.8	288.0	340.8	292.4	411.6	609.9	217.4
Brunei	54.0	127.0	93.1	118.3	151.1	190.0	268.5	283.3	315.0	281.7	215.9
North East Asia	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	7,495.2
Japan	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	3,964.7
Hong Kong	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	2,302.7
Taiwan	55.9	56.1	53.1	139.6	171.0	179.0	387.2	324.2	293.6	330.5	462.6
China, People's Rep	17.6	22.1	49.7	53.8	35.9	151.4	238.2	114.1	117.6	117.6	194.4
Republic of Korea	21.7	9.6	21.4	96.0	118.3	168.6	292.1	343.3	449.5	711.2	547.2
South Asia	138.7	164.2	149.5	248.9	655.4	717.5	1,411.7	1,697.1	1,672.4	1,228.3	1,770.5
India	30.1	60.9	61.8	144.7	349.4	224.2	676.3	881.3	840.5	573.6	1,042.8
Sri Lanka	46.8	38.9	23.6	42.6	115.8	164.6	193.1	180.6	251.0	290.4	145.4
Bangladesh	33.3	22.5	22.5	15.5	112.3	181.0	356.6	446.1	454.7	226.1	416.4
Pakistan	15.6	25.8	31.3	36.2	55.2	111.4	126.8	81.7	64.2	63.7	86.4
West Asia	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	1,643.8
Saudi Arabia	78.4	156.6	123.3	178.0	251.7	462.7	467.7	532.6	510.0	560.0	408.5
Iran	17.7	20.4	35.1	26.1	59.0	20.8	60.7	93.6	505.0	719.5	614.0
United Arab Emirates	90.6	70.2	139.0	199.9	209.9	355.9	438.4	539.0	179.4	175.7	211.3
Kuwait	17.1	23.0	50.5	64.2	71.7	126.0	100.4	188.2	123.0	87.8	99.4
Bahrein	12.8	20.8	38.8	43.4	39.0	80.5	49.0	40.8	43.3	39.1	34.1
Iraq	17.3	18.2	14.0	16.8	32.1	84.0	77.4	70.8	32.8	13.8	21.0

10.4 DOMESTIC EXPORTS BY REGION AND SELECTED COUNTRY (continued)

Million Dollars

Region/Country	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
European Economic Community	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	3,415.9
United Kingdom	301.0	334.3	363.2	359.6	442.5	666.1	690.1	752.8	648.1	750.8	1,057.5
Germany, Fed Rep	282.7	360.0	432.2	505.0	501.6	672.1	942.0	827.2	721.9	767.0	880.6
France	137.7	114.7	193.9	211.4	208.4	343.4	489.6	540.3	501.9	466.8	418.8
Italy	84.5	52.4	74.6	105.0	118.4	199.5	320.8	269.2	254.4	344.3	444.8
Netherlands	136.3	162.9	154.1	218.6	220.9	328.6	454.3	410.5	516.8	239.1	253.8
European Free Trade Association	121.3	141.6	269.2	276.2	189.1	250.0	357.5	320.3	302.5	319.3	324.0
Switzerland	19.1	28.1	36.1	42.8	59.1	50.4	87.1	78.1	70.8	86.6	76.3
Other Western Europe	19.5	16.1	14.2	33.4	31.2	42.1	75.3	77.4	65.5	75.9	65.0
Socialist Countries of Eastern Europe	96.0	69.2	70.4	91.7	85.6	108.5	171.6	165.2	201.9	225.1	558.7
USSR	65.0	40.5	40.1	54.0	53.4	62.1	101.8	92.6	143.2	180.2	514.6
North America	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	8,127.6
United States	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	7,920.3
Canada	59.3	66.8	94.3	93.5	86.7	121.9	134.3	164.1	134.6	187.9	207.3
Latin American Free Trade Association	19.3	21.8	11.0	17.7	29.2	126.5	468.5	100.2	84.5	73.1	105.1
Brazil	5.3	3.1	5.9	8.6	12.1	79.6	26.4	21.0	40.1	39.8	60.6
Oceania	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	2,288.2
Australia	457.0	422.4	580.4	666.0	671.0	871.4	1,344.8	1,428.0	1,299.4	984.4	1,279.8
New Zealand	142.2	191.6	122.4	141.6	149.7	344.0	683.6	486.0	579.3	337.4	323.4
Rest of the World	326.7	388.2	501.7	744.9	620.6	820.4	884.4	1,718.4	1,670.0	1,598.7	1,452.6

10.5 IMPORTS BY COMMODITY

Million Dollars

Commodity	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
TOTAL	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	61,133.6
Food	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	4,157.6
Cereals & Cereal Preparations	447.7	393.2	374.5	436.8	438.3	573.2	694.3	754.0	823.4	636.7	980.5
Fruits & Vegetables	338.7	376.8	445.7	487.8	547.2	599.3	674.1	792.2	805.0	857.8	913.9
Coffee & Spices	208.2	207.6	312.1	439.6	384.5	439.8	388.7	464.8	592.4	660.2	808.7
Beverages & Tobacco	117.9	130.3	139.4	150.0	176.0	207.3	276.0	282.2	339.5	416.2	460.6
Crude Materials	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	2,510.2
Rubber	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	1,454.0
Wood	178.3	169.4	270.1	291.5	328.3	461.4	423.6	388.0	360.4	353.1	296.1
Mineral Fuels	4,897.8	4,734.1	6,140.9	6,524.2	7,081.5	9,627.7	14,889.2	19,831.1	20,479.6	18,611.7	16,961.3
Petroleum & Petroleum Products	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	16,949.4
Animal & Vegetable Oils	391.3	242.0	257.8	478.9	491.1	829.4	1,001.0	721.8	671.5	632.1	1,435.9
Unprocessed Vegetable Oils	367.3	198.0	186.6	272.7	190.0	414.0	239.6	226.9	114.2	202.0	440.9
Chemicals	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	3,096.2
Chemical Compounds	289.0	204.3	305.1	311.0	355.1	571.4	715.7	753.0	723.5	821.2	859.1
Plastic Materials	240.8	164.5	247.6	307.6	400.1	591.3	648.2	643.3	687.0	808.1	829.3
Medicinal Products	124.1	150.2	119.2	160.9	161.4	173.2	206.8	203.6	210.7	207.0	222.2
Manufactured Goods by Materials	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	8,045.3
Textile Manufactures	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	2,018.3
Non-metal Mineral Manufactures	342.3	354.5	356.6	406.1	532.7	633.8	904.2	955.7	1,025.7	1,198.4	1,280.6
Iron & Steel	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	1,730.7
Metal Manufactures	425.9	497.5	458.1	524.8	621.6	800.5	1,072.2	1,301.6	1,344.2	1,255.4	1,268.1
Paper & Paperboard & Related Articles	271.8	170.7	221.4	242.0	310.7	377.1	502.9	532.8	501.7	556.4	647.7
Machinery & Transport Equipment	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	19,419.6
Non-electric Machinery	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	7,128.8
Electric Machinery	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	8,687.0
Transport Equipment	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	3,603.8
Miscellaneous Manufactured Articles	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	4,196.7
Scientific & Optical Instruments	294.1	258.7	289.0	335.5	439.6	596.0	797.1	938.0	1,034.4	998.2	1,070.6
Watches & Clocks	246.7	233.1	291.7	321.4	385.9	377.7	576.3	541.9	550.4	537.6	475.6
Miscellaneous Transactions nes	233.9	272.9	267.3	425.7	356.4	510.9	667.4	643.2	576.3	651.1	850.2

10.6 EXPORTS BY COMMODITY

Million Dollars

Commodity	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
TOTAL	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	51,340.0
Food	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	2,895.4
Cereals & Cereal Preparations	122.8	125.1	77.9	150.5	169.4	224.1	357.5	449.5	609.7	274.7	839.1
Fruits & Vegetables	137.8	150.6	165.3	191.9	205.1	223.3	252.8	303.2	320.9	342.9	375.9
Coffee & Spices	243.8	259.2	380.2	570.3	594.0	597.5	627.4	659.2	745.5	720.3	960.7
Beverages & Tobacco	38.6	40.9	48.9	65.2	99.9	131.6	157.2	174.3	217.0	210.0	209.8
Crude Materials	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	3,410.4
Rubber	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	2,138.2
Wood	216.2	153.7	307.0	330.0	408.0	657.7	585.0	426.4	378.4	398.8	365.0
Mineral Fuels	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	13,185.0
Petroleum & Petroleum Products	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	12,992.3
Animal & Vegetable Oils	358.0	245.5	249.3	474.7	513.5	858.1	1,095.5	820.0	780.3	628.2	1,540.5
Unprocessed Vegetable Oils	349.0	232.7	217.3	386.5	347.8	684.6	840.6	581.7	560.9	451.5	1,115.7
Chemicals	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	2,463.7
Chemical Compounds	453.0	72.5	105.7	117.8	152.2	231.7	282.6	346.0	380.5	547.2	882.4
Medicinal Products	161.8	173.9	194.0	213.7	233.5	267.5	323.3	319.2	342.8	329.8	259.8
Plastic Materials	114.2	59.2	93.2	121.4	155.7	205.8	220.6	220.5	243.4	263.2	486.3
Manufactured Goods by Materials	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	3,624.6
Wood Manufacture	199.7	200.7	279.6	297.5	351.4	482.5	549.2	539.3	495.9	536.4	481.0
Textile Manufactures	337.7	308.9	443.5	467.3	606.3	787.9	793.2	737.0	745.6	810.2	781.1
Iron & Steel	187.5	206.0	187.1	263.3	400.4	362.4	454.3	586.3	707.5	411.2	461.5
Metal Manufactures	143.9	158.3	175.7	228.5	287.1	389.5	450.7	578.5	516.9	509.6	530.3
Machinery & Transport Equipment	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	16,865.0
Non-electric Machinery	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	5,764.4
Electric Machinery	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	9,252.1
Transport Equipment	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	1,848.5
Miscellaneous Manufactured Articles	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	3,408.0
Clothing	310.5	277.8	448.7	514.1	672.2	811.0	912.8	990.1	979.7	1,002.1	1,170.9
Scientific & Optical Instruments	131.8	180.9	167.0	192.7	200.0	344.8	410.0	481.7	414.6	510.0	594.1
Watches & Clocks	48.5	114.5	235.1	184.9	223.6	189.8	221.8	250.9	232.9	246.2	230.2
Miscellaneous Transactions nes	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	3,737.6

10.7 DOMESTIC EXPORTS BY COMMODITY

Million Dollars

Commodity	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
TOTAL	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	33,051.2
Food	252.8	278.1	204.9	296.5	343.9	450.1	600.6	536.7	449.5	469.1	483.9
Animal Feeding Stuffs	54.8	36.5	34.7	65.0	64.6	74.8	83.6	57.6	42.6	38.6	46.9
Beverages & Tobacco	18.0	25.8	29.7	43.6	74.4	88.0	102.7	116.2	134.1	114.7	102.4
Crude Materials¹	45.9	44.9	62.3	73.9	85.3	129.3	152.3	140.0	125.3	179.6	172.3
Mineral Fuels²	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	12,749.5
Animal & Vegetable Oils	66.8	56.1	62.6	129.4	170.7	229.8	393.7	470.3	482.6	401.9	670.1
Chemicals	583.4	208.2	268.3	325.5	389.2	458.0	572.9	609.7	690.7	869.7	1,333.8
Medicinal Products	115.5	135.7	152.5	168.8	183.4	205.5	258.2	237.4	260.3	241.3	172.1
Plastic Materials	49.4	23.4	48.1	66.5	95.1	92.7	99.6	100.6	108.5	106.5	325.9
Manufactured Goods by Materials	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	1,183.6
Wood Products excluding Furniture	150.2	144.7	195.3	199.2	252.9	366.7	414.3	363.6	289.5	286.5	251.7
Textile Yarn Thread	47.0	43.9	84.5	76.4	101.7	152.8	137.9	96.7	76.1	68.4	58.0
Woven Textile Fabrics	60.1	64.1	87.6	91.8	97.4	115.0	124.2	119.1	104.6	68.5	48.9
Lime, Cement & Fabricated Construction Materials	11.9	30.0	20.1	24.6	47.4	61.2	75.7	79.8	71.0	48.9	84.2
Iron & Steel Pipes & Fittings	9.8	19.1	19.3	72.3	117.9	31.5	35.8	47.8	67.7	32.8	38.7
Machinery & Transport Equipment	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	10,936.4
Office Machines	323.1	175.3	155.8	173.4	156.0	195.5	263.7	282.6	382.5	818.6	2,168.8
Other Non-electric Machines	69.9	86.7	118.3	160.4	205.2	220.4	158.8	357.1	434.5	490.7	579.6
Electric Generators	88.4	87.6	126.2	166.6	193.9	230.4	330.2	503.0	611.2	1,045.6	1,183.1
Telecommunications Apparatus	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	2,124.2
Other Electric Machinery	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	3,202.5
Ships, Boats & Oil Rigs	188.6	279.2	537.0	479.9	290.7	455.7	587.7	965.9	764.7	982.7	633.5
Miscellaneous Manufactured Articles	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	2,275.3
Clothing	276.3	236.2	372.9	440.0	558.9	670.3	757.3	800.3	752.8	765.2	891.3
Scientific & Optical Instruments	96.3	132.3	114.2	125.8	115.6	198.0	236.6	238.6	166.2	209.3	256.0
Watches & Clocks	16.9	84.6	175.4	108.0	136.3	109.9	143.5	175.2	150.1	157.2	131.7
Printed Matters	50.0	42.1	48.5	87.7	75.0	77.3	90.5	115.2	110.6	112.0	120.2
Toys & Games	23.3	23.7	35.2	78.6	84.7	97.3	147.9	175.4	151.5	138.7	185.5
Miscellaneous Transactions nes	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	3,143.9
Oil Bunkers	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	2,994.3

1 Exclude processed rubber and sawn timber.

2 Figures from 1975 include petroleum naphtha which was previously included under chemicals.

10.8 IMPORTS OF SPECIFIC COMMODITY

Million Dollars

Year	Meat	Rice	Unmilled Cereals	Fruits & Nuts	Spices	Animal Feed	Crude Rubber	Sawn Timber	Crude Petroleum
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
1984	301.5	142.1	698.6	403.1	203.1	186.6	1,435.7	228.0	14,169.6

10.8 IMPORTS OF SPECIFIC COMMODITY (continued)

Million Dollars

Year	Petroleum Products	Fixed Vegetable Oils	Medicinal Products	Paper & Paperboard	Textile Yarn & Thread	Woven Textile Fabrics	Iron & Steel Plates, Sheets, Bars, Shapes, etc	Iron & Steel Pipes & Fittings	Generators
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	1,101.1
1980	2,725.9	239.6	206.8	414.6	207.0	1,228.4	1,037.5	591.4	1,517.2
1981	2,344.5	226.9	203.6	427.3	177.2	1,279.4	1,242.7	931.6	1,719.4
1982	4,280.4	114.2	210.7	387.3	141.9	1,313.5	1,263.0	1,060.8	1,946.9
1983	4,297.9	202.0	207.0	427.4	141.9	1,493.0	1,233.3	451.7	1,896.0
1984	2,779.7	440.9	222.2	476.3	145.9	1,425.8	969.9	564.7	2,148.4

10.8 IMPORTS OF SPECIFIC COMMODITY (continued)

Million Dollars

Year	Industrial Machinery	Telecommunications Apparatus	Office Machines	Motor Vehicles	Ships, Boats & Oil Rigs	Clothing	Scientific & Optical Instruments	Watches & Clocks	Toys & Games
1974	1,013.9	365.5	127.2	566.8	434.4	133.1	294.1	246.7	77.1
1975	821.4	390.4	131.2	333.0	298.4	143.4	258.7	233.1	91.0
1976	719.1	410.5	137.0	432.5	546.2	189.1	289.0	291.7	105.1
1977	657.1	517.8	155.7	567.7	579.1	220.9	335.5	321.4	143.1
1978	785.9	586.4	207.0	741.4	782.0	256.3	439.6	385.9	145.5
1979	1,208.2	997.8	316.6	967.8	692.7	238.5	596.0	377.7	152.4
1980	1,617.3	1,478.7	490.3	1,268.3	1,114.7	303.3	797.1	576.3	202.8
1981	1,681.4	1,446.1	570.0	1,264.5	1,259.6	415.1	938.0	541.9	237.3
1982	1,614.6	1,366.7	758.2	1,198.1	1,400.5	543.1	1,034.4	550.4	263.2
1983	1,513.2	1,524.4	1,219.0	1,196.9	1,269.3	591.8	998.2	537.6	227.1
1984	1,272.8	1,700.9	1,851.3	1,084.8	887.9	646.9	1,070.6	475.6	257.3

10.9 EXPORTS OF SPECIFIC COMMODITY

Million Dollars

Year	Spices	Coffee	Animal Feed	Crude Rubber	Sawn Timber	Petroleum Products	Fixed Vegetable Oils	Medicinal Products	Manufactured Fertilizers
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
1984	285.8	334.2	119.0	2,135.4	340.0	12,849.4	1,115.7	259.8	162.3

10.9 EXPORTS OF SPECIFIC COMMODITY (continued)

Million Dollars

Year	Crude Vegetable Materials	Wood Products excluding Furniture	Textile Yarn & Thread	Woven Textile Fabrics	Iron & Steel Plates, Sheets, Bars, Shapes etc	Iron & Steel Pipes & Fittings	Generators	Office Machines	Industrial Machinery
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	558.4	247.7	569.0
1980	212.0	548.2	198.9	466.5	252.5	170.0	763.1	341.3	799.8
1981	216.3	538.1	143.4	475.8	238.4	301.2	1,039.1	380.6	918.1
1982	225.7	495.4	112.3	527.7	225.4	436.7	1,295.0	638.2	899.0
1983	190.4	536.1	113.3	578.8	139.9	235.7	1,778.6	1,656.3	821.4
1984	203.8	480.5	108.6	554.6	164.9	238.7	1,968.0	2,674.5	855.8

10.9 EXPORTS OF SPECIFIC COMMODITY (continued)

Million Dollars

Year	Telecommuni- cations Apparatus	Household Equipment	Motor Vehicles	Ships, Boats & Oil Rigs	Furniture	Clothing	Scientific & Optical Instruments	Watches & Clocks	Printed Matters
1974	380.5	58.0	260.8	244.1	17.4	310.4	131.8	48.5	68.2
1975	400.5	34.8	190.9	309.0	18.8	277.7	180.9	114.5	62.3
1976	567.6	46.0	229.2	640.3	39.1	448.6	167.0	235.1	71.4
1977	803.9	80.7	276.3	532.1	48.1	514.1	192.7	184.9	113.1
1978	1,061.6	115.5	329.6	410.6	70.5	672.2	200.0	223.6	106.7
1979	1,722.8	149.2	333.8	722.6	109.2	811.0	344.8	189.8	115.2
1980	2,718.0	243.0	490.3	931.1	138.2	912.8	410.0	221.8	129.8
1981	2,642.5	328.1	464.8	1,137.7	179.0	990.1	481.7	250.9	166.0
1982	2,196.8	294.9	360.7	871.7	159.5	979.7	414.6	232.9	155.1
1983	2,389.8	338.4	399.1	1,348.7	173.0	1,002.1	510.0	246.2	152.6
1984	2,719.9	440.6	449.3	999.1	178.8	1,170.9	594.1	230.2	157.6

11 TRANSPORT AND COMMUNICATIONS

Volume of cargo handled refers to those dispatched and loaded at all ports of Singapore and is based on cargo manifests submitted to the Ministry of the Import and Export Office. Data include transport cargo but exclude ship's stores. Data on "mineral oil in bulk" cover crude and refined petroleum, dispatched or loaded by tankers 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."

Vessels Entered and Cleared

Data on the movement of vessels are compiled from declarations submitted to the Port Master by all merchant ships 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.

Seaborne 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. Data include transshipment cargo but exclude ship's stores. Data on "mineral oil-in-bulk" cover crude and refined petroleum discharged or loaded by tankers 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 Civil Aviation Authority of Singapore (formerly the Department of Civil Aviation) and relate to passengers, freight and mail on commercial flights handled primarily at the Paya Lebar Airport (up to 30 June 1981) and Changi Airport (from 1 July 1981). Air cargo handled exclude passenger baggage, diplomatic cargo and aircraft stores.

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.

Visitors and Returning Singapore Residents

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.

Data on returning citizens/residents from 1978 did not include residents embarking at ports in Peninsular Malaysia. Before 1978, only Singapore and Malaysian citizens embarking from Peninsular Malaysia were excluded.

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.

11.1 VESSELS REGISTERED IN SINGAPORE

(End of Period)

Tonnage Class (Gross Registered Tons)	1980		1981		1982		1983		1984	
	No.	'000 GRT	No.	'000 GRT	No.	'000 GRT	No.	'000 GRT	No.	'000 GRT
Total	1,552	7,420	1,682	7,776	1,780	7,730	1,743	7,140	1,555	6,864
Non-propelled or Below 100	765	392	898	498	974	592	945	582	824	520
100 & Above	787	7,028	784	7,278	806	7,138	798	6,558	731	6,344

Source : Marine Department

11.2 AGE DISTRIBUTION OF VESSELS REGISTERED IN SINGAPORE, DECEMBER 1984

Tonnage Class (Gross Registered Tons)	Age Group (Years)													
	0 — 4		5 — 9		10 — 14		15 — 19		20 — 24		25 — 29		30 & Above	
	No.	'000 GRT	No.	'000 GRT	No.	'000 GRT	No.	'000 GRT	No.	'000 GRT	No.	'000 GRT	No.	'000 GRT
Total	595	1,472	384	1,857	352	2,670	127	454	53	238	32	147	12	26
Non-propelled or Below 100	418	289	219	133	158	84	21	11	5	3	1	-	2	-
100 to Below 500	86	21	46	12	46	11	31	9	10	3	1	-	2	-
500 to Below 1,000	19	14	6	5	10	9	20	18	3	2	4	3	1	1
1,000 to Below 5,000	23	49	27	86	38	115	23	53	18	43	14	29	5	12
5,000 to Below 10,000	9	75	27	207	33	249	15	126	12	101	6	48	2	13
10,000 & Above	40	1,024	59	1,414	67	2,202	17	237	5	86	6	67	-	-

Source : Marine Department

11.3 VESSELS LICENSED IN SINGAPORE

Number

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
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	516	460	56
1984	2,599	3	1,381	550	665	483	443	40

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

Source : Marine Department
Primary Production Division
Port of Singapore Authority

11.4 VESSELS ENTERED AND CLEARED

Year	Total				Vessels of Over 75 NRT				Vessels of 75 NRT & Under & Native Crafts of All Types ¹			
	Entered		Cleared		Entered		Cleared		Entered		Cleared	
	No.	'000 NRT	No.	'000 NRT	No.	'000 NRT	No.	'000 NRT	No.	'000 NRT	No.	'000 NRT
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
1984	55,283	175,523	55,357	175,011	26,458	170,334	26,429	169,613	28,825	5,189	28,928	5,398

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

1 Include non-motorised vessels of all tonnages.

11.5 SEABORNE CARGO DISCHARGED AND LOADED

Thousand Freight Tonnes

Year	Discharged			Loaded		
	Total	General Cargo & Other Bulk Cargo	Mineral Oil-in-Bulk	Total	General Cargo & Other Bulk Cargo	Mineral Oil-in-Bulk
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
1984	63,849.0	24,649.6	39,199.4	40,344.4	16,368.2	23,976.2

Note : Data on seaborne cargo loaded exclude ship's stores and mineral oil supplied as bunker fuel to vessels.

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

Thousand Freight Tonnes

Region/Country of Origin or Destination	1980		1981		1982		1983		1984	
	Discharged	Loaded	Discharged	Loaded	Discharged	Loaded	Discharged	Loaded	Discharged	Loaded
ALL COUNTRIES	48,550.0	32,412.5	53,598.7	33,745.1	59,995.9	35,665.0	63,848.9	36,277.6	63,849.0	40,344.1
South East Asia	6,072.8	7,335.7	7,807.4	7,720.8	10,786.8	8,897.9	12,490.0	10,033.8	11,816.2	9,960.1
Peninsular Malaysia (West Coast)	604.9	2,172.2	515.4	2,288.1	748.8	3,047.1	791.3	2,972.1	1,319.4	3,252.7
Peninsular Malaysia (East Coast)	1,755.6	250.8	2,611.8	325.7	3,584.5	750.5	4,356.3	865.3	3,997.8	866.5
Sabah-Sarawak	1,170.4	1,290.8	1,575.5	1,336.3	2,845.6	1,346.2	3,518.6	1,104.9	2,905.0	842.3
Thailand	1,299.4	2,482.6	1,637.4	2,546.6	1,800.2	2,361.8	1,845.3	3,072.9	2,002.4	4,004.2
North East Asia	8,074.6	11,388.5	9,632.7	12,669.6	11,083.0	12,838.0	12,459.6	12,081.5	14,711.5	12,702.8
China, People's Rep	856.1	185.4	1,451.6	275.9	1,627.3	559.0	1,534.1	315.4	4,577.9	277.5
Hong Kong	821.4	5,669.2	935.5	5,793.8	1,194.1	5,578.5	1,227.3	4,642.4	1,024.0	4,454.3
Japan	4,879.5	4,181.6	5,521.0	5,527.0	5,975.3	5,471.7	6,466.0	5,433.7	5,237.0	6,261.0
Taiwan	861.4	707.4	1,064.3	499.0	1,448.5	477.5	2,124.4	602.8	2,698.5	773.2
South Asia	586.4	2,576.9	620.6	2,403.2	994.3	2,355.1	1,262.3	2,180.1	596.8	3,230.5
Red Sea & Persian Gulf Area	25,968.1	2,211.3	28,055.9	2,613.6	28,084.5	3,400.4	26,755.3	3,451.7	26,066.8	4,635.9
Bahrain	1,662.3	60.1	1,629.4	66.7	1,691.0	107.0	1,147.4	94.1	966.3	100.6
Iran	1,198.5	92.2	1,230.9	144.8	4,070.8	659.5	2,206.0	1,294.3	2,312.8	979.2
Kuwait	5,860.8	187.9	3,185.4	322.9	3,040.1	290.6	4,074.3	213.5	6,067.4	305.1
Saudi Arabia	15,243.6	803.8	19,300.4	948.3	17,504.4	1,570.6	14,087.3	989.4	11,516.2	2,330.2
Mediterranean Sea (excluding France)	496.0	578.8	392.7	433.2	726.1	426.0	872.3	708.0	730.6	504.8
Other Africa	924.4	544.9	797.5	761.9	739.0	604.4	621.8	636.3	454.2	698.3
Atlantic Europe	2,015.0	2,037.4	2,203.7	1,830.9	2,293.4	1,774.1	3,179.5	1,742.5	2,947.9	1,734.9
France	226.5	426.5	294.0	313.4	320.0	289.5	406.3	275.1	359.2	269.2
Germany, Fed Rep	560.9	368.3	675.7	373.2	757.2	350.9	774.2	390.5	868.2	433.0
Netherlands	485.0	811.6	562.5	595.2	485.5	699.9	656.7	531.7	704.1	505.4
United Kingdom	477.7	321.6	391.3	390.5	428.9	324.9	876.8	419.1	598.6	385.1
Northern Europe	117.9	116.7	90.5	119.8	132.6	82.8	200.7	85.4	227.4	61.7
Soviet Union & Other Eastern Europe	134.2	185.1	182.0	150.5	417.6	235.6	457.8	121.9	250.4	262.3
Oceania	1,689.4	4,264.8	1,498.3	3,688.0	1,981.5	3,966.4	1,948.8	3,309.4	3,477.0	3,965.9
Australia (West Coast)	218.8	713.5	301.6	905.0	274.6	875.5	434.1	960.1	789.5	1,021.3
Australia (East Coast)	1,289.8	1,138.2	1,033.5	968.3	1,477.4	1,128.8	1,276.5	733.8	2,309.0	1,391.2
New Zealand	94.7	964.4	103.4	672.9	191.9	842.8	138.5	559.2	330.3	484.3
North America	1,942.5	965.8	2,144.9	1,127.2	2,301.1	950.6	3,212.1	1,555.0	2,251.8	2,415.8
United States (Atlantic Ports)	708.1	516.4	540.2	662.2	645.7	516.2	1,192.4	1,011.0	814.9	1,426.7
United States (Pacific Ports)	827.1	287.0	1,297.5	325.0	1,407.2	379.7	1,743.6	368.1	804.7	872.9
Central & South America	528.7	206.6	172.5	226.4	456.0	133.7	388.7	372.0	318.4	171.4

Note : See note to Table 11.5.

11.7 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			
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
1984	7,942	27,385	869,831	3,310,921	846,152	3,374,965	1,063,782	138	4,170	525	4,453

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

Tonnes

Country of Origin or Destination	1980		1981		1982		1983		1984	
	Discharged	Loaded	Discharged	Loaded	Discharged	Loaded	Discharged	Loaded	Discharged	Loaded
Total	90,713	91,062	100,931	96,172	120,715	101,589	144,722	116,203	163,726	134,211
Australia	5,176	5,979	7,833	7,380	10,800	7,025	16,135	8,018	18,321	9,397
France	1,614	3,446	1,277	2,569	1,539	2,383	1,658	2,130	2,022	2,447
Germany	2,458	4,212	2,622	3,577	2,130	3,093	2,347	3,618	2,721	3,243
Hong Kong	12,332	4,970	12,171	5,748	11,826	6,991	11,584	8,668	11,235	9,135
India	2,114	1,356	2,042	1,888	2,228	2,836	3,104	3,226	3,748	4,041
Indonesia	8,743	12,784	8,226	17,470	10,950	17,633	14,816	13,232	15,977	12,461
Italy	589	1,040	729	542	1,047	585	1,385	675	1,653	992
Japan	16,002	5,181	15,429	6,617	15,943	6,980	20,207	9,599	18,214	12,970
Malaysia	5,081	9,584	4,859	9,419	5,653	10,087	6,538	11,488	8,174	14,619
Netherlands	3,533	4,030	5,080	3,397	4,263	3,281	4,994	4,778	6,360	5,633
New Zealand	1,133	1,096	1,817	1,604	2,493	2,072	2,773	2,211	3,470	2,662
Philippines	1,485	1,555	2,229	2,091	2,678	2,571	3,041	2,730	3,884	3,648
Scandinavia	1,652	1,791	1,713	1,163	2,473	1,407	2,815	1,598	2,669	1,400
Switzerland	2,169	1,700	2,222	2,230	2,533	2,585	2,871	2,877	2,729	3,219
Taiwan	4,991	1,215	4,895	1,267	7,763	1,552	8,526	1,658	12,645	2,493
Thailand	4,655	5,192	6,848	4,534	11,143	4,648	11,331	5,531	13,770	6,161
United Kingdom	2,407	5,007	2,502	4,900	2,492	3,797	2,774	5,327	3,010	6,123
United States	7,644	4,515	7,101	4,561	8,643	5,864	13,265	9,411	13,493	11,782
Other Countries	6,935	16,409	11,336	15,215	14,118	16,199	14,558	19,428	19,631	21,785

Note : Data exclude passenger baggage, diplomatic cargo and aircraft stores.

11.9 ARRIVALS AND DEPARTURES OF AIR AND SEA PASSENGERS

Number

Year	Arrivals			Departures		
	Total	Air	Sea	Total	Air	Sea
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
1984	3,393,354	3,310,921	82,433	3,459,016	3,374,965	84,051

Note : Data exclude movements of passengers between Singapore and Peninsular Malaysia.
Air transit passengers who continue their journey on the same flight are also excluded.

11.10 AIR PASSENGERS BY COUNTRY OF EMBARKATION AND DISEMBARKATION

Number

Country of Embarkation or Disembarkation	1980		1981		1982		1983		1984	
	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures
Total	2,436,322	2,473,586	2,813,836	2,879,690	3,005,988	3,092,828	3,034,495	3,098,252	3,310,921	3,374,965
Brunei & Sabah-Sarawak	170,159	173,683	185,080	194,574	208,081	216,699	215,065	227,446	221,284	230,990
Indonesia	560,955	545,890	624,875	619,444	637,434	639,525	536,939	537,895	561,842	542,268
Thailand	286,277	283,721	334,361	322,169	349,333	362,564	383,382	397,430	420,337	440,806
Philippines	126,919	112,774	148,141	131,714	160,706	141,106	142,362	118,339	145,214	121,423
India, Pakistan & Sri Lanka	116,386	130,914	144,988	171,576	157,388	187,779	177,473	199,297	208,512	224,676
Hong Kong	281,191	274,136	330,374	326,371	342,300	334,130	360,774	339,837	402,072	382,020
Japan	167,344	162,464	210,129	213,852	241,951	261,238	249,100	267,248	260,915	275,998
Taiwan	58,108	65,379	70,260	80,106	76,657	81,840	80,472	88,052	97,709	105,825
Other Countries in Asia	59,873	58,816	71,592	74,335	81,261	86,465	93,047	92,162	125,994	135,939
Australia	197,145	230,010	238,785	273,638	273,211	302,080	301,923	308,378	329,238	352,676
Other Countries in Oceania	52,487	57,926	52,152	62,789	58,162	65,912	58,978	63,533	65,386	71,565
United Kingdom	113,202	107,314	116,939	108,468	130,082	115,706	130,719	136,848	146,884	131,267
Netherlands	55,590	50,995	58,774	54,121	55,434	47,081	55,227	47,370	59,683	54,620
Other Countries in Europe	145,530	143,499	168,860	165,062	167,913	170,740	178,572	191,015	192,350	220,123
United States	45,076	70,529	58,526	81,238	66,075	79,914	70,462	83,402	72,864	83,666
Other Countries	80	5,536	-	233	-	49	-	-	637	1,103

Note : See note to Table 11.9.

11.11 SEA PASSENGERS BY COUNTRY OF EMBARKATION AND DISEMBARKATION

Number

Country of Embarkation or Disembarkation	1980		1981		1982		1983		1984	
	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures
Total	96,424	81,924	115,600	113,177	102,454	107,084	76,609	82,901	82,433	84,051
Brunei & Sabah-Sarawak	23	48	-	6	-	-	94	63	98	72
Indonesia	82,721	62,469	99,594	92,167	90,601	86,855	63,516	61,214	69,054	66,150
India, Pakistan & Sri Lanka	5,607	9,831	9,066	13,733	6,537	14,044	5,580	11,253	6,939	9,031
Hong Kong	1,394	351	656	83	606	537	724	1,370	2,414	3,519
China, People's Rep	2,117	4,458	1,963	3,977	1,699	3,796	1,688	4,603	861	2,492
Oceania	3,749	3,780	2,230	1,674	1,346	757	2,024	976	622	393
Other Countries	813	987	2,091	1,537	1,665	1,095	2,983	3,422	2,445	2,394

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

11.12 VISITOR ARRIVALS BY CITIZENSHIP

(By Air, Sea and Land)

Thousand

Citizenship	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	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	2,991.4
Malaysia	95.7	91.0	97.0	111.0	285.7	350.1	384.1	380.7	375.1	403.7	425.4
Brunei	7.7	11.0	13.6	15.5	16.2	17.7	19.1	22.2	25.1	27.2	28.2
Indonesia	146.3	175.5	210.1	260.2	332.1	287.6	342.5	409.7	425.7	270.7	287.0
Thailand	14.6	22.0	26.8	31.8	60.3	80.2	88.8	103.3	152.5	165.3	120.1
Philippines	16.0	18.3	21.3	25.0	33.6	39.5	44.9	50.8	58.0	61.4	66.8
India	31.0	32.9	31.3	34.8	97.8	124.5	149.6	173.8	168.4	202.7	237.7
Pakistan	3.6	3.9	4.6	5.9	9.8	12.9	17.1	17.7	16.8	18.0	21.5
Sri Lanka	7.4	7.8	7.9	8.9	14.5	16.9	18.8	24.3	24.1	25.8	28.4
China & Taiwan	26.8	28.5	29.5	35.6	35.9	59.6	64.1	59.1	68.7	72.4	88.6
Japan	110.1	119.9	141.5	190.6	218.7	261.0	298.6	365.2	389.1	381.4	383.3
Australia	150.9	166.2	190.1	190.8	204.8	187.8	216.9	231.8	246.5	227.1	252.2
New Zealand	22.2	24.2	28.6	35.9	43.2	50.9	56.1	52.9	56.7	54.4	56.2
United Kingdom	133.5	122.6	124.2	132.2	168.0	182.3	197.6	215.8	227.2	222.8	223.6
UK Dependencies nec	17.7	18.1	20.0	22.7	35.1	42.4	56.8	60.5	65.2	61.7	63.6
France	24.0	28.2	35.1	37.7	45.0	50.5	49.3	53.2	49.5	44.8	50.2
Germany, Fed Rep	29.9	35.4	39.8	45.0	60.3	68.7	78.7	85.1	73.3	72.7	78.6
Italy	12.2	14.9	13.6	15.8	22.5	23.9	27.3	26.4	24.3	23.0	27.4
Netherlands	22.2	25.8	31.0	38.1	45.9	51.3	56.6	59.0	50.9	50.7	50.0
Other European Countries	43.7	45.6	54.5	62.6	78.4	95.7	107.6	118.8	112.0	112.3	126.0
United States	126.0	130.5	147.3	143.3	153.8	144.6	163.5	172.4	181.1	196.2	201.1
Canada	13.0	14.9	16.9	19.3	21.9	22.5	26.5	30.6	32.3	35.3	34.1
Other Countries	32.9	32.1	35.9	44.0	63.7	76.5	97.6	115.6	134.2	124.0	141.4

Note : Figures exclude 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.

11.13 VISITOR ARRIVALS BY COUNTRY OF RESIDENCE

(By Air, Sea and Land)

Thousand

Country of Residence	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	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	2,991.4
Malaysia	113.9	109.7	115.3	128.4	356.7	433.3	481.5	478.0	468.4	488.9	512.7
Brunei	13.8	18.1	21.6	24.4	28.6	30.9	33.0	36.9	40.5	43.0	45.1
Indonesia	172.2	207.2	245.7	300.4	369.2	317.8	371.8	439.5	455.4	296.1	304.5
Thailand	20.2	27.4	32.2	36.7	64.4	84.4	93.6	108.7	157.8	171.2	126.4
Philippines	17.8	20.0	23.3	27.2	36.3	42.8	48.1	53.6	60.6	63.4	68.3
India	24.3	25.6	23.3	24.5	55.8	70.4	85.5	116.9	121.5	154.4	192.7
Pakistan	3.3	3.7	4.1	5.2	8.2	11.0	15.1	15.4	14.5	15.7	19.1
Sri Lanka	6.5	6.8	6.7	7.3	11.1	13.5	15.5	21.0	21.2	23.1	25.7
China & Taiwan	15.8	17.1	18.1	23.2	30.6	52.1	57.0	56.1	66.4	70.9	85.2
Hong Kong	36.1	37.2	40.2	44.1	52.1	62.7	82.5	85.7	92.9	92.9	98.5
Japan	109.3	118.7	139.5	188.9	209.3	250.3	287.4	354.8	378.5	370.6	369.5
Other Countries in Asia	20.0	18.5	20.7	30.1	47.5	60.7	75.3	87.2	101.3	102.9	111.6
Australia	184.3	194.2	217.0	216.1	228.9	206.4	239.2	258.6	282.0	259.4	291.1
New Zealand	27.4	28.8	34.7	44.1	51.7	60.8	63.0	58.0	59.9	57.0	58.9
United Kingdom	83.2	74.4	72.8	78.2	99.8	117.3	128.4	145.0	149.9	150.4	150.2
France	19.0	22.7	28.8	31.0	37.0	42.0	40.2	44.7	41.1	37.1	42.2
Germany, Fed Rep	25.5	31.0	35.6	39.9	55.0	63.5	73.0	79.8	68.1	67.3	72.8
Italy	11.4	14.0	12.8	15.0	20.9	22.8	26.3	25.3	23.0	21.5	25.6
Netherlands	15.2	18.5	23.1	29.6	36.7	42.2	47.1	49.6	41.4	40.6	40.2
Other European Countries	37.4	39.5	48.9	56.3	71.2	88.0	98.4	103.1	100.9	101.2	114.0
United States	104.1	106.2	122.3	118.1	126.2	118.7	135.8	143.6	150.7	167.4	176.9
Canada	11.1	12.7	14.6	16.4	18.1	17.9	20.9	24.2	25.0	27.8	26.9
Other Countries	15.6	17.3	19.3	21.6	31.9	37.6	43.5	43.2	35.7	30.8	33.3

Note : See notes to Table 11.12.

11.14 VISITOR ARRIVALS BY COUNTRY OF EMBARKATION

(By Air, Sea and Land)

Thousand

Country of Embarkation	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	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	2,991.4
Peninsular Malaysia	115.5	122.9	128.8	148.5	540.2	622.6	732.8	784.6	820.4	822.0	818.4
Brunei & Sabah-Sarawak	71.7	78.7	84.6	98.5	102.6	119.3	126.4	135.9	151.3	156.4	157.4
Indonesia	291.4	335.9	371.7	415.9	451.9	424.8	471.8	528.6	526.0	381.4	381.5
Thailand	120.1	119.7	137.2	154.1	176.5	181.3	203.8	227.8	230.4	252.8	267.4
Philippines	29.7	34.1	36.9	45.7	59.2	72.1	79.0	81.0	89.9	82.5	81.4
India, Pakistan & Sri Lanka	36.7	39.6	42.4	47.5	66.3	78.0	85.0	104.9	112.3	129.7	157.9
Hong Kong	71.9	78.1	93.1	106.9	118.1	125.6	153.4	166.9	171.2	178.3	196.5
Taiwan	10.2	12.5	16.7	19.2	22.1	29.1	32.5	34.0	36.8	40.7	46.3
Japan	47.0	56.2	72.5	99.8	106.3	148.3	173.8	224.4	238.2	218.6	216.8
Other Countries in Asia	21.6	17.8	16.1	22.9	32.0	45.4	48.9	51.9	55.7	59.3	72.2
Australia & New Zealand	125.2	126.9	147.6	156.3	159.0	160.7	189.3	208.2	232.4	226.9	264.8
United Kingdom	74.3	64.6	68.6	76.7	78.3	83.5	88.7	87.8	101.9	103.6	113.8
Other Countries in Europe	57.0	62.0	77.5	92.8	101.1	117.3	134.1	143.0	138.5	141.8	158.9
United States	7.9	10.9	14.7	11.6	6.6	14.6	24.3	29.3	30.1	32.4	32.4
Africa	1.3	1.5	1.1	0.3	0.5	0.9	1.2	1.7	1.4	1.2	1.1
Other Countries	5.9	7.9	11.1	10.0	26.5	23.6	17.1	18.9	20.2	26.0	24.6

Note : See notes to Table 11.12.

11.15 VISITOR ARRIVALS BY PURPOSE OF VISIT

(By Air, Sea and Land)

Number

Year	Total	Vacation	Business	Business/Vacation	Others
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
1984	2,991,430	1,855,708	407,206	175,678	552,838

Note : See notes to Table 11.12.

**11.16 AVERAGE LENGTH OF STAY OF VISITORS BY (A) PURPOSE OF VISIT AND
(B) TYPE OF ACCOMMODATION**

Days

	1978	1979	1980	1981	1982	1983	1984
TOTAL	4.5	4.8	4.8	4.7	4.5	4.4	4.8
Purpose of Visit							
Holiday	4.4	4.8	4.9	4.8	4.7	4.7	4.8
Business	4.4	4.6	4.5	4.4	4.2	4.2	4.4
Business & Pleasure	5.2	5.6	5.7	5.6	5.3	5.4	5.7
In Transit	1.1	1.1	1.0	0.9	0.8	0.9	0.9
Convention	5.3	5.2	4.9	5.2	5.1	5.6	5.0
Others	11.1	10.9	8.8	8.6	6.4	6.8	9.6
Type of Accommodation							
Hotel	3.4	3.6	3.7	3.7	3.7	3.6	3.6
Residence of Friends/Relatives	9.1	10.0	10.3	9.9	8.9	8.9	9.9
Own Residence	23.7	20.4	17.5	14.6	11.4	11.9	18.4
Others	5.1	6.0	6.1	5.9	5.3	5.6	7.7

11.17 TOURIST ARRIVALS, HOTELS AND CESS COLLECTION

Year	Tourist Arrivals	Tourist Hotels¹				Sales Tax on Food & Drinks
		Number	Rooms	Occupancy Rate	Cess Collected	
	Thousand	At End Year		Per Cent	Thousand Dollars	
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
1984	2,991.4	51	16,440	75.5	12,569.3	25,342.1

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

Source : Singapore Tourist Promotion Board
Customs & Excise Department

11.18 RETURNING SINGAPORE RESIDENTS BY COUNTRY OF EMBARKATION

(By Air and Sea)

Number

Country of Embarkation	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	148,192	173,221	186,369	208,973	230,167	265,283	299,876	330,118	385,728	433,849	481,855
Peninsular Malaysia	4,241	3,662	3,749	3,807	-	-	-	-	-	-	-
Brunei & Sabah-Sarawak	13,185	16,008	18,378	20,347	20,194	23,581	26,939	29,912	35,437	35,912	36,561
Indonesia	47,982	56,689	56,069	57,012	53,955	65,075	77,322	82,988	89,157	103,112	111,161
Thailand	17,964	24,837	25,111	27,693	31,578	37,585	41,477	46,113	60,457	66,584	83,189
Philippines	3,025	4,498	7,544	11,842	11,722	13,358	13,822	15,492	16,359	13,636	12,780
India, Pakistan & Sri Lanka	9,897	9,976	11,374	13,483	14,237	17,832	22,204	23,127	23,322	24,308	24,928
Hong Kong	20,220	23,161	28,862	32,819	32,255	40,177	50,458	55,890	70,663	86,774	99,284
Taiwan	4,985	5,467	6,188	6,603	7,511	9,672	11,174	12,931	14,256	15,155	17,544
Japan	1,854	1,897	2,141	3,327	3,288	4,765	6,936	9,853	12,614	15,668	16,891
Other Countries in Asia	7,834	5,852	3,359	5,607	6,375	7,038	7,442	7,488	7,914	9,464	10,156
Australia & New Zealand	5,717	6,071	7,131	8,189	8,159	9,477	13,019	15,155	19,228	24,587	26,804
United Kingdom	6,965	8,135	8,680	10,443	10,907	11,652	11,889	11,498	13,160	14,023	16,282
Other Countries in Europe	2,744	3,274	4,022	5,100	5,931	7,004	8,410	9,293	11,022	12,058	13,855
United States	459	643	791	810	1,046	3,860	6,485	8,428	9,661	10,277	10,178
Africa	11	27	64	22	27	76	30	39	52	59	88
Other Countries	1,109	3,024	2,906	1,869	22,981	14,131	2,269	1,911	2,426	2,232	2,154

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.

11.19 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	1984
TOTAL	230,167	265,283	299,876	330,118	385,728	433,849	481,855
Purpose of Travel Overseas							
Pleasure/Vacation	132,446	155,884	171,960	189,706	216,489	240,591	263,006
Business/Pleasure	63,757	58,068	62,129	71,183	82,376	102,034	125,761
Education	5,578	14,738	18,042	18,947	20,346	15,935	10,089
Employment	14,041	10,857	8,133	8,474	9,129	14,615	21,808
Others	14,345	25,736	39,612	41,808	57,388	60,674	61,191
Length of Stay Overseas							
Under 1 Week	58,220	72,044	82,000	91,585	110,711	131,067	158,313
1 - Under 2 Weeks	46,595	56,025	62,107	69,751	85,202	99,495	115,358
2 - Under 4 Weeks	41,041	50,456	58,051	63,393	74,486	83,781	87,994
1 - Under 4 Months	31,329	35,433	40,646	40,353	48,779	53,472	57,794
4 - Under 6 Months	7,375	7,556	7,732	7,659	8,280	7,976	8,933
6 Months & Over	8,950	8,752	8,204	7,491	9,921	13,230	13,508
Not Stated	36,657	35,017	41,136	49,886	48,349	44,828	39,955
Median Length of Stay Overseas (Days)	12.8	12.4	12.3	11.9	11.8	11.5	10.8

11.20 PUBLIC ROADS

Kilometres

End of Year	Total	Major Arterial Roads	Collector Roads	Local Roads Improved	Local Roads Unimproved
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
1984	2,594	465	207	1,759	163

Source : Public Works Department

11.21 MOTOR VEHICLES REGISTERED

Number

End of Year	Total Motor Vehicles on Register	Motor Cars		Buses	Goods Vehicles	Motor Cycles & Scooters	Others ¹
		Private	Public				
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
1984	491,322	217,119	15,221	8,283	111,259	134,693	4,747

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

Source : Registry of Vehicles

11.22 ROAD CASUALTIES

Persons

Year	Total		Pedestrians		Pedal Cyclists ¹		Motor Cyclists & Passengers		Motor Vehicle Drivers & Passengers		Others	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
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
1984	325	11,340	113	1,977	26	402	115	4,650	69	4,152	2	159

¹ Include trishaw riders and passengers.

Source : Police Department

11.23 POSTAL ARTICLES HANDLED

Thousand

Year	Total	Letters	Postcards	Printed Matters	Airmail Correspondence First Class ¹	Registered Articles	Parcels	Unregistered Government Franked Correspondence	Others
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
1984	613,526	286,185	4,732	122,651	138,196	20,176	1,736	39,845	5

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

Source : The Telecommunication Authority of Singapore

11.24 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		
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	445	966	11,077	7,091	852
1983	36	378	1,273	12,620	9,673	923
1984	43	336	1,528	14,140	12,643	1,003

1 Figures exclude calls to Peninsular Malaysia.

2 End of Period.

Source : The Telecommunication Authority of Singapore

12 FINANCE AND INSURANCE

Banking and finance company activities are compiled from monthly returns submitted to the MAS.

Asian Dollar Market

The Asian Dollar Market was officially established in October 1985 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 MAS.

12 FINANCE AND INSURANCE

Before 1971, the various monetary functions normally associated with a central bank were performed by several government departments and agencies. To centralize these functions, the Monetary Authority of Singapore (MAS) was established in 1971 to assume the central bank role except for the currency issuing function which remained the responsibility of the Board of Commissioners of Currency. The MAS administers the statutes pertaining to money and banking and formulates policies for the development of a sound banking system and an orderly financial market. It aims to develop Singapore into an international financial centre.

Banking and finance company statistics are compiled from monthly returns submitted to the MAS.

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 MAS.

Insurance

Insurance business in Singapore comprises life and general insurance. The general insurance business covers a wide range of risks such as fire, marine, motor, personal accident and workmen's compensation. Data on insurance are compiled by the MAS from returns submitted by all insurance companies in Singapore.

Post Office Savings Bank

The Post Office Savings Bank of Singapore was 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. Funds deposited with the Bank are fully guaranteed by the government.

Central Provident Fund

Please see text on page 49.

Definitions

Money Supply : The amount of money in an economy. Narrowly defined, money supply (M_1) consists of currency in active circulation and demand deposits. Money supply (M_2), a broader definition, consists of money supply (M_1) and quasi money. The latter includes fixed, savings and other deposits with banks as well as negotiable certificates of deposit in Singapore dollar issued by Singapore banks.

Asian Currency Unit : An operational entity of a financial institution which has been granted a licence by the MAS to participate in the Asian Dollar Market in Singapore. The ACU is essentially a separate

accounting unit of a financial institution for its transactions in the Asian Dollar Market.

Official Foreign Reserves : Comprise gold and foreign exchange, Special Drawing Rights and Singapore's reserve position in the IMF.

Special Drawing Right (SDR) : An international reserve asset created by the International Monetary Fund (IMF) and allocated to its members in proportion to their quotas as a supplement to existing reserve assets. The SDR is a unit of account of the IMF. The valuation of the SDR is determined on the basis of a basket of five currencies: the US Dollar, the Deutsche-mark, the French Franc, the Japanese Yen and the Pound Sterling.

12.1 CURRENCY IN CIRCULATION

End of Year	Gross Circulation			Active Circulation ¹	Ratio of Active to Gross Circulation
	Total	Notes	Coins		
	Million Dollars				Per Cent
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
1984	5,033.4	4,767.5	265.9	4,619.2	91.8

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

12.2 MONEY SUPPLY

Million Dollars

End of Year	Money Supply (M ₂)	Money Supply (M ₁)			Quasi Money		
		Total	Currency in Active Circulation ¹	Demand Deposits of Private Sector	Fixed Deposits	S\$ Negotiable Certificates of Deposits	Savings & Other Deposits
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
1984	27,120.8	8,866.3	4,619.2	4,247.1	13,704.4	33.0	4,517.1

¹ See footnote 1 to Table 12.1.

Source : The Monetary Authority of Singapore

12.3 FACTORS AFFECTING MONEY SUPPLY

Million Dollars

Changes During Year	Money Supply (M ₁)	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	
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
1984	258.6	3,026.6	1,336.5	1,690.1	247.9	4,447.1	-4,199.2	2,889.3	-1,600.2	1,478.6

¹ Refers to The Monetary Authority of Singapore and the Board of Commissioners of Currency, Singapore.

Source : The Monetary Authority of Singapore

12.4 OFFICIAL FOREIGN RESERVES

Million Dollars

End of Year	Total Foreign Reserves	Special Drawing Rights ¹	Reserve Position in the International Monetary Fund	Gold & Foreign Exchange
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
1984	22,748.0	147.3	186.2	22,414.5

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

Source : The Monetary Authority of Singapore

12.5 EXCHANGE RATES

Year	Singapore Dollar Per							
	Malaysian Ringgit	US Dollar	Sterling Pound	Deutschemark	French Franc	100 Japanese Yen	Hong Kong Dollar	Australian Dollar
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	0.4305	2.4394
1981	0.9174	2.1127	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
1984	0.9104	2.1331	2.8486	0.7517	0.2448	0.8987	0.2729	1.8756

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

Source : The Monetary Authority of Singapore

12.6 ASSETS OF BANKS

(End of Period)

Million Dollars

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	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	65,707.2
Cash	97.1	107.0	105.3	115.1	154.6	161.1	272.4	222.4	247.9	275.4	291.4
Amounts Due from Banks	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	17,087.8
In Singapore	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	4,088.4
Outside Singapore ¹	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	12,999.4
Balances with The Monetary Authority of Singapore	444.9	454.1	511.7	546.3	633.1	733.7	923.1	1,195.4	1,417.5	1,557.6	1,742.3
Money at Call with Discount Houses	392.7	415.9	491.4	525.7	623.3	695.7	884.1	1,478.0	1,917.9	2,049.9	2,387.2
S\$ Negotiable Certificates of Deposit Held	—	381.2	380.1	292.6	198.4	166.2	127.8	89.0	76.9	136.5	133.1
Investments in Securities & Equities	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	4,378.9
In Singapore	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	4,236.7
Outside Singapore	90.6	77.8	81.1	64.1	65.3	51.0	69.2	72.7	123.6	140.4	142.2
Loans & Advances including Bills Financing	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	36,867.5
Bills Discounted or Purchased	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	4,124.8
Payable outside Singapore	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	1,315.6
Payable in Singapore	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	2,809.2
Loans & Advances	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	32,742.7
All Other Assets	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	2,819.0

¹ Figures include Asian Currency Units.

Source : The Monetary Authority of Singapore

12.7 LIABILITIES OF BANKS

(End of Period)

Million Dollars

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	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	65,707.2
Deposits of Non-bank Customers	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	28,026.3
Demand Deposits	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	4,856.7
Fixed Deposits	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	18,191.5
Savings Deposits	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	4,870.1
Other Deposits	40.5	38.4	48.7	57.8	57.1	66.3	70.1	83.4	90.2	103.3	108.0
S\$ Negotiable Certificates of Deposit Issued	-	527.6	617.8	513.4	455.3	515.0	331.9	404.5	428.0	471.6	300.7
Amounts Due to Banks	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	25,403.9
In Singapore	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	4,275.2
Outside Singapore 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	21,128.7
All Other Liabilities	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	11,976.3

¹ Figures include Asian Currency Units.

Source : The Monetary Authority of Singapore

12.8 BANKS LOANS AND ADVANCES TO NON-BANK CUSTOMERS BY INDUSTRY

(End of Period)

Million Dollars

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	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	32,742.7
Agriculture	31.9	26.8	31.0	29.8	28.2	37.8	47.2	)			
								)	125.7	132.0	117.4
Mining & Quarrying	9.4	6.5	8.5	6.6	10.9	11.0	7.9	)			141.6
Manufacturing	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	5,075.9
Building & Construction	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	7,317.9
General Commerce	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	7,935.3
Transport, Storage & Communications	246.9	242.8	268.7	339.7	378.5	707.6	1,276.1	1,738.3	1,968.0	1,790.8	1,524.8
Financial Institutions	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	5,206.5
Others	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	5,540.7

Source : The Monetary Authority of Singapore

12.9 ASSETS AND LIABILITIES OF ASIAN CURRENCY UNITS

(End of Period)

Million US Dollars

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total Assets	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	128,057.5
Loans to Non-banks	2,697.7	3,472.5	4,386.6	5,281.2	6,376.8	8,483.9	12,402.3	19,452.3	27,606.3	30,384.6	33,768.8
Inter-bank Funds	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	85,329.0
In Singapore	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	3,832.1
Inter-Asian Currency Units	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	21,862.5
Outside Singapore	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	59,634.4
Other Assets	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	8,959.8
Total Liabilities	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	128,057.5
Deposits of Non-banks	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	21,525.9
Inter-bank Funds	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	100,186.5
In Singapore	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	2,943.2
Inter-Asian Currency Units	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	21,866.5
Outside Singapore	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	75,376.8
Other Liabilities	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	6,345.1

Source : The Monetary Authority of Singapore

12.10 ASSETS AND LIABILITIES OF FINANCE COMPANIES

(End of Period)

Million Dollars

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total Assets	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	7,239.6
Cash	5.0	3.0	2.1	2.2	2.5	3.2	4.5	5.0	6.8	8.5	8.3
Balances with The Monetary Authority of Singapore	67.7	62.1	70.1	76.2	86.6	105.7	126.0	170.9	217.2	267.5	313.9
Deposits with Banks & Other Institutions	390.0	369.4	384.8	366.0	373.8	368.7	405.0	707.2	751.6	678.7	862.9
Investments	28.0	38.3	56.9	71.3	95.2	111.3	100.5	114.6	120.4	139.8	165.2
Loans & Advances	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	5,727.3
Hire Purchase Finance	232.0	191.7	192.4	258.6	354.3	532.3	754.3	891.7	887.1	904.3	833.2
Housing Loans	307.5	354.6	440.0	431.4	446.4	551.6	637.2	763.6	879.7	1,165.8	1,348.9
Other Loans & Advances	300.8	350.7	394.0	486.9	596.4	744.0	975.6	1,532.3	2,362.9	3,207.2	3,545.2
Other Assets	61.4	60.6	67.0	68.6	62.1	56.0	72.0	90.1	131.7	152.0	162.0
Total Liabilities	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	7,239.6
Capital & Reserves	226.7	242.1	267.8	286.1	308.1	363.1	476.0	672.1	815.7	1,042.7	1,116.5
Deposits from Individuals & Institutions	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	5,278.3
Savings Deposits	26.0	36.1	43.9	50.6	55.5	62.8	65.2	75.9	112.3	171.8	209.2
Fixed Deposits	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	4,655.5
Other Deposits	38.8	47.1	32.2	33.3	35.3	58.4	94.4	137.9	294.5	412.7	413.6
Other Liabilities	134.6	139.9	148.3	169.7	199.2	297.3	477.8	661.1	830.2	917.0	844.8

Source : The Monetary Authority of Singapore

12.11 FINANCE COMPANIES LOANS AND ADVANCES BY INDUSTRY

(End of Period)

Thousand Dollars

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	312,803	354,367	448,683	528,601	634,788	824,310	1,310,710	1,763,399	2,431,754	2,741,201
Agriculture, Mining & Quarrying	-	-	-	-	-	-	-	-	582	889
Manufacturing	7,887	11,375	13,805	20,934	29,473	92,645	164,594	167,659	228,706	217,604
Building & Construction	169,343	175,568	150,738	123,743	148,848	118,895	174,154	451,439	790,808	923,739
General Commerce	30,691	31,228	81,459	123,004	166,411	190,134	217,055	260,282	273,973	269,646
Transport, Storage & Communications	40,910	58,654	64,434	52,621	38,290	45,857	74,661	94,081	91,827	82,593
Financial Institutions	-	-	-	-	-	-	-	197,358	231,474	377,688
Professional & Private Individuals	44,533	50,405	93,972	134,370	163,501	230,321	390,540	458,654	622,348	682,346
Others	19,439	27,137	44,275	73,929	88,265	146,458	289,706	133,926	192,036	186,696

Source : The Monetary Authority of Singapore

12.12 ASSETS AND LIABILITIES OF MERCHANT BANKS

(End of Period)

Million Dollars

	1976	1977	1978	1979	1980	1981	1982	1983	1984
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	25,890.5
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	9,303.9
In Singapore	30.9	20.8	41.0	42.8	61.8	201.4	260.4	218.5	189.4
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	9,114.5
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	13,710.7
Securities & Equities	54.5	65.0	86.2	136.3	234.9	391.6	815.2	1,209.8	2,056.6
Other Assets	29.4	39.7	48.0	144.7	301.6	530.9	576.4	518.6	819.2
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	25,890.5
Capital & Reserves	120.2	136.9	195.1	309.3	452.0	909.8	1,395.3	1,620.4	2,412.6
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	19,872.5
In Singapore	85.1	84.8	195.2	839.9	178.1	347.8	317.0	581.5	750.2
Outside Singapore ¹	2,124.5	1,843.2	2,768.3	6,378.0	11,159.5	15,947.8	17,820.4	18,484.3	19,122.3
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	2,720.5
Other Liabilities	39.2	46.6	71.3	172.4	463.2	475.2	611.6	569.4	884.9

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.

12.13 ASSETS AND LIABILITIES OF DISCOUNT HOUSES

(End of Period)

Million Dollars

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total Assets	493.7	552.7	618.5	684.7	763.6	949.5	1,603.8	2,050.5	2,248.2	2,562.7
Treasury Bills	296.1	306.6	315.5	346.8	439.4	647.5	1,061.8	1,263.7	1,283.3	1,553.5
Other Government Securities	45.0	79.5	120.7	134.7	84.5	16.3	52.0	97.2	187.6	241.8
Bills Discounted Payable in Singapore ¹	80.2	92.5	117.7	147.3	158.5	230.0	375.0	493.9	540.5	594.0
S\$ Negotiable Certificates of Deposit	65.4	68.8	62.0	53.6	69.3	53.7	99.2	119.4	128.0	132.0
Other Assets	7.0	5.3	2.6	2.3	11.9	2.0	15.8	76.3	108.8	41.4
Total Liabilities	493.7	552.7	618.5	684.7	763.6	949.5	1,603.8	2,050.5	2,248.2	2,562.7
Capital & Reserves	20.4	21.9	25.1	26.0	27.4	28.6	42.3	59.1	74.9	84.1
Deposits	462.5	519.8	581.2	643.4	718.0	889.3	1,508.5	1,933.7	2,109.6	2,396.1
Other Liabilities	10.8	11.0	12.2	15.3	18.2	31.6	53.0	57.7	63.7	82.5

¹ Includes bills refinanced for banks.

Source : The Monetary Authority of Singapore

12.14 DOMESTIC INTEREST RATES

(End of Period)

Per Cent Per Annum

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Banks¹											
Minimum Lending Rate	10.25	7.08	6.78	7.02	7.65	9.48	13.60	11.83	9.33	8.98	9.40
Average Lending Rate ²	11.70	9.00	8.60	8.60	9.00	10.50	14.20	..	..	..	..
Deposit Rates											
3 Months	7.50	4.31	3.76	4.54	5.29	7.15	11.22	7.43	6.16	6.53	6.00
6 Months	8.00	4.96	4.34	4.98	5.55	7.40	10.92	8.40	6.55	6.55	6.35
12 Months	9.00	5.79	5.31	5.53	6.01	7.65	10.55	8.95	7.08	6.75	6.80
Savings Deposit Rate	5.50	3.50	3.52	3.68	4.20	6.38	9.52	7.90	6.43	6.30	6.53
Finance Companies											
Average Lending Rate ²	12.60	11.50	10.80	10.20	9.80	9.90	11.80	..	..	..	..
Deposit Rates³											
Up to 3 Months	8.30	5.00	4.90	5.30	6.40	8.10	12.20	..	6.60	6.90	6.48
Over 3 & Up to 12 Months	9.80	6.80	6.70	6.50	6.80	7.60	9.90	..	7.58	7.38	7.18
POSB Savings Deposit Rate for Amounts											
Up to \$100,000	6.00	5.50	5.50	5.00	5.25	6.00	8.50	9.50	7.00	6.50	6.75
Exceeding \$100,000	6.00	5.50	5.50	5.00	3.50	4.25	6.00	7.00	5.50	5.50	5.75

¹ Prior to 15 July 1975, banks' interest rates were fixed by the Association of Banks in consultation with The Monetary Authority of Singapore. From 15 July 1975, the rates refer 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

12.15 DEPOSITS AND WITHDRAWALS OF POST OFFICE SAVINGS BANK

Million Dollars

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Number of Savings Accounts (End of Period)	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	2,672,166
Amount											
Deposited	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	8,923.0
Withdrawn	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	8,264.4
Due to Account Holders (End of Period)	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	7,287.3

Source : Post Office Savings Bank

12.16 CONTRIBUTIONS AND WITHDRAWALS OF CENTRAL PROVIDENT FUND

Million Dollars

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Amount											
Contributed	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	4,491.2	5,385.2
Withdrawn	154.3	216.9	377.7	503.5	657.8	629.3	779.1	1,067.6	1,241.2	1,718.1	3,509.3
Due to Members (End of Period)	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	22,670.4
Ordinary Account	2,413.7	3,234.9	4,066.1	4,936.5	5,874.1	7,138.0	8,705.3	10,839.0	13,901.2	17,126.0	19,335.6
Special Account				17.5	107.3	377.5	845.9	1,310.8	1,754.3	2,378.7	203.0
Medisave Account											3,131.8

Source : Central Provident Fund Board

12.17 WITHDRAWALS OF CENTRAL PROVIDENT FUND BY TYPE

Year	Total	Approved Housing Schemes				Reached 55 Years of Age		Leaving Singapore & Malaysia Permanently ¹		Death		Medisave Scheme	Others ²
		Public Housing		Approved Residential Properties									
	\$'000	No.	\$'000	No.	\$'000	No.	\$'000	No.	\$'000	No.	\$'000		
1974	154,349	16,488	92,817			9,664	46,364	1,350	8,112	1,741	5,504		1,552
1975	216,881	20,185	134,816			12,820	60,924	1,578	11,218	2,261	8,397		1,526
1976	377,721	40,308	275,245			11,182	76,247	1,454	14,113	2,038	9,259		2,857
1977	503,520	48,765	383,471			11,745	89,950	1,379	14,146	2,147	12,559		3,394
1978	657,790	48,680	488,413			14,291	123,083	1,382	15,725	2,207	13,797		16,772
1979	629,251	43,430	438,586			13,319	150,690	1,921	18,160	2,247	15,070		6,745
1980	779,084	47,212	520,943			15,513	213,906	2,961	23,239	2,206	15,566		5,430
1981	1,067,604	52,919	651,960	1,036	39,094	19,158	294,525	3,800	32,965	2,300	19,541		29,519
1982	1,241,160	30,214	540,168	5,241	256,140	21,392	322,853	8,304	56,387	2,969	27,101		38,511
1983	1,717,880	40,015	726,002	6,298	396,382	26,717	437,830	14,635	104,265	3,509	31,333		22,068
1984	3,509,279	81,390	2,153,764	7,095	539,065	31,725	606,008	8,424	96,426	3,171	35,587	17,613	60,816

¹ Includes Malaysians leaving Singapore permanently.

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. Figures also include withdrawals by persons who are physically/mentally incapacitated.

Source : Central Provident Fund Board

12.18 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
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
1984	3,042.6	8,211.2	2,101.5	5,628.9	238.9	1,235.7	139.8	309.9	135.7	319.6	150.8	256.5	123.0	357.1	152.9	103.5

Source : Stock Exchange of Singapore

12.19 STOCK EXCHANGE OF SINGAPORE INDICES

(1975 = 100)

Year	Industrial	Finance	Hotels	Properties	Mining	Plantation
1976	112.0	122.3	94.1	111.4	96.6	115.5
1977	110.2	106.0	96.6	116.0	139.7	138.5
1978	137.5	121.9	138.2	146.8	201.3	220.5
1979	158.4	144.9	187.4	192.0	263.5	298.4
1980	230.5	211.7	313.6	267.0	440.4	393.3
1981	329.7	302.5	632.6	425.5	503.0	412.6
1982	250.6	279.0	518.8	394.6	313.6	350.8
1983	306.5	353.3	463.1	404.8	316.9	463.4
1984	300.9	338.4	392.2	378.6	317.7	507.6

Note : Data are computed based on the share prices of all listed companies.

Source : Stock Exchange of Singapore

12.20 PLEDGES AT PAWNSHOPS

Year	Pledges		Amount of Loan	
	Received	Redeemed	Given Out	Redeemed including Interest
	Number		Million Dollars	
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
1984	2,046,769	1,899,551	492.0	489.1

12.21 LIFE INSURANCE POLICIES

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
	Number									
Policies in Force ¹	124,177	140,041	155,425	183,099	214,316	246,657	248,077	271,214	314,375	359,902
New Policies ²	25,570	30,271	34,628	45,303	50,632	61,707	59,174	49,539	70,374	78,212
Policies Matured or Discontinued	12,902	14,407	19,244	17,929	19,415	29,366	25,245	26,409	27,213	32,685
	Thousand Dollars									
Policies in Force										
Amount Insured (End of Period)	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	13,810,338
Premiums	61,890	73,121	85,058	99,577	117,389	143,178	170,038	198,046	250,420	303,577
New Policies										
Amount Insured	566,543	655,128	765,334	922,908	1,124,796	1,454,410	1,664,513	1,894,480	3,302,814	4,192,993
Premiums	14,949	18,037	20,764	24,334	29,085	36,700	40,114	43,508	70,270	78,992
Policies Matured or Discontinued										
Amount Insured	158,564	238,206	285,161	318,115	366,389	374,074	491,887	450,898	360,247	1,103,622
Premiums	5,424	7,165	8,827	9,904	10,222	10,911	14,170	15,500	17,896	25,835

Source : The Monetary Authority of Singapore

- ¹ At end period. Prior to 1980, the lives insured under some group policies were counted as policies.
- ² Prior to 1981, the lives insured under some group policies were counted as policies.

12.22 REVENUE AND EXPENDITURE ACCOUNTS OF LIFE INSURANCE FUNDS

Thousand Dollars

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total Revenue	302,000	344,678	399,984	469,305	552,207	639,339	771,593	933,210	1,116,340	1,314,471
Balance of Revenue Account at Beginning of Year	218,297	249,624	290,359	336,363	394,215	460,978	537,126	649,229	776,582	913,929
Premiums	55,122	67,735	81,908	96,855	113,747	139,748	163,965	191,814	237,017	282,530
Net Interest, Dividends & Rents	16,848	20,955	23,270	28,650	32,866	36,641	47,062	61,327	69,841	79,147
Miscellaneous	11,733	6,364	4,447	7,437	11,379	1,972	23,440	30,840	32,900	38,865
Total Expenditure	302,000	344,678	399,984	469,305	552,207	639,339	771,593	933,210	1,116,340	1,314,471
Claims on Death, Disability & Maturity	13,275	13,878	16,688	18,541	20,874	23,207	28,344	36,864	41,377	49,956
Surrenders	6,852	7,613	8,755	10,477	12,315	13,190	15,875	20,070	23,054	26,247
Cash Bonuses & Annuities	2,395	2,564	2,867	3,147	3,554	4,394	7,706	5,973	4,764	5,710
Management Expenses										
Commission	11,212	14,703	17,542	21,271	25,234	31,708	36,015	40,632	64,783	72,441
Salaries	3,504	4,174	4,367	4,861	5,667	6,592	7,900	8,909	11,866	12,810
Others	7,482	8,423	10,469	10,702	14,115	15,878	23,797	34,716	24,233	44,126
Miscellaneous	7,656	2,964	2,933	6,091	9,470	7,344	2,727	9,464	19,236	4,697
Balance of Revenue Account at End of Year	249,624	290,359	336,363	394,215	460,978	537,026	649,229	776,582	927,027	1,098,484

Source : The Monetary Authority of Singapore

12.23 ASSETS OF LIFE INSURANCE FUNDS

(End of Period)

Thousand Dollars

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	284,057	337,068	387,427	445,416	504,975	585,124	705,094	834,673	998,826	1,196,523
Fixed Assets	27,336	29,966	31,284	31,188	33,901	34,658	38,069	41,394	57,449	62,617
Property	26,398	28,782	29,760	29,528	32,034	31,853	35,432	37,651	52,516	57,660
Furniture	938	1,184	1,524	1,660	1,867	2,805	2,637	3,743	4,933	4,957
Loans	53,888	58,908	58,777	57,383	69,216	105,497	124,530	186,938	205,878	232,288
On Mortgages	29,601	31,747	28,031	22,585	22,231	42,014	48,721	93,082	100,632	108,376
On Policies	23,492	26,438	30,047	34,106	40,674	48,187	59,283	76,580	86,961	99,116
Others	795	723	699	692	6,311	15,296	16,526	17,276	18,285	24,796
Investments	161,874	188,399	224,051	273,050	308,879	338,973	378,230	424,236	512,989	620,053
Government & Statutory Authorities	77,289	84,682	101,189	129,830	149,451	170,819	180,028	198,231	236,110	283,119
Debentures & Shares ¹	84,585	103,717	122,862	143,220	159,428	168,154	198,202	226,005	276,879	336,934
Cash & Deposits	29,105	46,687	56,846	58,317	66,490	75,700	108,845	154,875	180,484	234,775
Miscellaneous (including Outstanding Premiums)	11,854	13,108	16,469	25,478	26,489	30,296	55,420	27,230	42,026	46,790

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

Source : The Monetary Authority of Singapore

12.24 PREMIUMS AND CLAIMS OF GENERAL INSURANCE FUNDS

Thousand Dollars

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total Net Premiums¹	153,013	171,218	196,217	209,781	236,924	274,545	340,707	397,732	430,984	441,047
Marine, Aviation or Transit	30,468	31,311	38,387	47,313	52,072	58,149	70,728	74,244	70,469	70,762
Others	122,545	139,907	157,830	162,468	184,852	216,396	269,979	323,488	360,515	370,285
Fire	27,004	29,714	34,642	37,521	40,679	45,406	51,226	61,153	68,139	69,714
Motor Vehicles	42,396	41,966	46,020	48,385	59,744	74,042	102,561	117,428	135,532	147,368
Miscellaneous	53,145	68,227	77,168	76,562	84,429	96,948	116,192	144,907	156,844	153,203
Total Net Claims²	53,750	60,689	67,202	87,450	94,203	113,911	141,627	146,719	165,566	186,662
Marine, Aviation or Transit	15,636	17,769	15,287	22,061	25,406	30,275	35,736	35,712	38,564	36,078
Others	38,114	42,920	51,915	65,389	68,797	83,636	105,891	111,007	127,002	150,584
Fire	5,780	6,852	9,537	14,565	11,833	19,974	29,424	18,826	17,141	21,740
Motor Vehicles	20,626	22,349	23,152	26,517	29,431	36,172	45,637	52,630	58,888	71,043
Miscellaneous	11,708	13,719	19,226	24,307	27,533	27,490	30,830	39,551	50,973	57,801

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.

12.25 REVENUE AND EXPENDITURE ACCOUNTS OF GENERAL INSURANCE FUNDS

Thousand Dollars

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total Revenue	330,005	377,698	439,716	481,694	527,272	603,653	742,784	896,656	957,966	1,077,538
Balance of Revenue Account at Beginning of Year	18,112	18,114	33,140	36,814	31,045	34,665	30,971	39,528	74,116	88,382
Reserves at Beginning of Year	59,541	70,496	79,318	87,870	92,632	101,644	119,859	146,716	178,334	197,641
Provision for Outstanding Claims	60,301	71,613	80,598	90,445	98,685	119,783	149,726	178,195	217,086	264,979
Premiums	153,013	171,218	196,217	209,781	236,924	274,545	340,707	397,732	430,984	441,047
Net Interest, Dividends & Rents	10,296	11,604	12,354	13,603	14,770	20,864	26,824	40,353	46,879	49,575
Miscellaneous	28,742	34,653	38,089	43,181	53,216	52,152	74,697	94,132	10,567	35,914
Total Expenditure	330,005	377,698	439,716	481,694	527,272	603,653	742,784	896,656	957,966	1,077,538
Claims Paid, Admitted or Intimated	125,364	138,029	157,071	188,342	215,390	263,637	317,465	366,022	429,806	489,744
Management Expenses										
Commission	39,608	44,565	52,268	55,060	62,151	71,501	85,512	91,269	76,346	72,199
Others	35,326	45,170	55,114	53,828	53,332	57,187	71,552	88,092	87,606	98,344
Miscellaneous	41,098	39,433	52,327	59,806	59,548	59,693	81,616	97,310	76,823	110,844
Balance of Revenue Account at End of Year	18,113	32,526	35,295	30,706	33,681	30,971	39,923	75,377	90,096	101,313
Reserves at End of Year	70,496	77,975	87,641	93,952	103,170	120,664	146,716	178,586	197,289	205,094

Source : The Monetary Authority of Singapore

12.26 ASSETS OF GENERAL INSURANCE FUNDS

(End of Period)

Thousand Dollars

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	212,378	250,075	299,809	325,095	392,057	437,793	527,789	684,413	797,746	873,261
Fixed Assets	27,142	28,317	33,963	36,726	35,644	36,160	40,895	48,864	51,520	51,670
Loans	9,109	7,810	7,354	5,795	3,718	5,094	5,201	5,333	7,617	11,423
Investments	58,878	79,755	105,959	122,578	145,083	159,929	188,566	229,590	256,434	290,690
Government & Statutory Authorities	34,885	42,783	52,206	65,831	75,609	82,512	89,472	108,597	128,516	147,605
Debentures & Shares	23,993	36,972	53,753	56,747	69,474	77,417	99,094	120,993	127,918	143,085
Cash & Deposits	85,625	99,746	110,804	106,489	147,363	162,854	207,554	294,571	361,864	394,284
Miscellaneous	31,624	34,447	41,729	53,507	60,249	73,756	85,573	106,055	120,311	125,194

Source : The Monetary Authority of Singapore

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 other items, 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.

13.1 ECONOMIC CLASSIFICATION OF GOVERNMENT REVENUE

Million Dollars

Financial Year Economic Classification	1974/75	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85 ³	1985/86 ³
Total¹	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	10,631.8	9,969.3	10,620.6
Transfer Receipts	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	7,464.0	7,297.2	7,666.0
Taxes on Income	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	3,559.6	3,300.0	3,300.0
Taxes on Production & Expenditure	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	3,286.3	3,507.5	3,740.4
Excise Duties	170.2	177.9	183.5	194.7	207.4	222.3	251.2	265.5	298.0	377.4	433.9	504.5
Import Duties	222.5	238.1	272.7	313.6	340.4	393.6	435.7	429.7	487.8	516.6	533.2	534.7
Property Tax	271.4	293.9	353.3	350.2	414.0	521.9	556.7	715.9	851.1	1,047.1	1,070.1	1,289.6
Motor Vehicle Taxes ²	151.0	166.6	183.1	260.1	299.1	404.0	527.5	529.8	662.0	736.8	841.6	764.9
Stamp Duty	46.7	49.4	57.0	61.1	88.5	116.3	186.1	281.5	261.1	304.2	308.0	273.0
Others	80.8	96.5	107.7	118.3	132.1	155.1	186.0	239.7	280.4	304.2	320.7	373.7
Other Transfer Receipts	113.0	115.4	120.1	199.8	166.9	174.4	205.3	274.8	303.2	618.1	489.7	625.6
Estate Duty	33.6	21.0	21.9	22.6	35.0	29.6	28.5	51.3	48.3	56.2	26.0	6.0
Others	79.4	94.4	98.2	177.2	131.9	144.8	176.8	223.5	254.9	561.9	463.7	619.6
Disposal of Goods & Services	439.5	578.1	515.2	496.0	491.0	793.3	895.3	1,840.2	1,972.7	1,754.8	1,739.4	1,325.5
Sales of Goods & Services from Current Operations	288.1	323.0	350.1	379.3	428.4	485.4	620.7	916.7	905.2	944.7	1,011.5	746.2
Reimbursements for Services & Sales of Lands	151.4	255.1	165.1	116.7	62.6	307.9	274.6	923.5	1,067.5	810.1	727.9	579.3
Income from Property & Financial Claims	167.1	216.1	221.7	242.4	299.1	408.4	592.9	554.6	686.4	1,413.0	932.7	1,629.1
Interest & Dividends Received	160.5	207.7	211.3	234.4	289.2	400.9	492.9	545.7	677.1	1,387.5	924.1	1,618.6
Financial Claims & Others	6.6	8.4	10.4	8.0	9.9	7.5	100.0	8.9	9.3	25.5	8.6	10.5

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.

13.2 ECONOMIC CLASSIFICATION OF GOVERNMENT MAIN EXPENDITURE

Million Dollars

Financial Year \ Economic Classification	1974/75	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85 ³	1985/86 ³
Total	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	10,631.0	9,969.3	10,620.6
Salaries of Government Employees	513.8	572.6	611.3	660.9	729.0	840.6	934.1	1,080.4	1,364.5	1,473.0	1,697.1	1,968.7
Personal Emoluments & Allowances	474.8	525.3	561.1	604.6	662.5	743.3	816.7	945.8	1,184.3	1,264.9	1,463.4	1,665.6
Contributions to Central Provident Fund	39.0	47.3	50.2	56.3	66.5	97.3	117.4	134.6	180.2	208.1	233.7	303.1
Rental of Fixed Assets	3.0	8.9	7.6	7.7	8.9	10.9	12.6	16.5	20.2	21.2	31.6	33.3
Other Goods & Services for Current Operations	143.3	154.8	164.2	176.1	206.3	224.8	273.1	395.6	458.5	434.2	539.6	479.9
Expenditure on Goods & Services for Fixed Capital Formation	13.3	20.4	18.2	27.1	24.0	21.0	28.3	35.1	33.2	36.3	44.5	31.2
Interest Payments	207.5	252.1	345.7	462.8	564.1	685.1	836.8	893.6	942.2	1,437.1	1,698.5	1,853.1
Transfer Payments ¹	745.1	721.9	876.1	874.4	1,034.2	975.2	593.0	2,249.2	2,741.3	3,010.8	3,733.4	1,499.5
Transfer to Households	41.0	42.7	43.3	44.8	43.9	59.9	82.3	109.6	176.1	207.3	247.8	153.9
Transfer to Development Fund	480.0	443.1	583.0	556.4	664.0	511.3	94.0	1,703.8	1,995.1	1,984.4	2,402.9	-
Other Transfers	224.1	236.1	249.8	273.2	326.3	404.0	416.7	435.8	570.1	819.1	1,082.7	1,345.6
Financial Claims	355.0	625.9	369.4	471.1	329.4	900.2	1,932.6	1,689.9	2,137.2	2,802.0	155.8	287.2
Unallocable ²	511.6	627.8	755.8	872.3	834.0	878.4	1,098.0	1,320.1	1,430.4	1,416.4	2,068.8	4,467.7

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

1 With effect from financial year 1985/86, all interfund transfers such as allocation to the Development Fund, the Advance Accounts, and the Recurrent Contingencies Fund Accounts, previously shown under "Transfer Payments" are reclassified under "Unallocable".

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

3 Based on Budget estimates.

13.3 FUNCTIONAL CLASSIFICATION OF GOVERNMENT MAIN EXPENDITURE

Million Dollars

Financial Year \ Functional Classification	1974/75	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85 ¹	1985/86 ¹
Total	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	10,631.0	9,969.3	10,620.6
General Services	98.9	100.9	102.8	120.1	131.8	141.2	217.7	225.7	318.4	458.1	588.1	360.3
Defence, Justice & Police	613.6	739.3	877.8	1,007.1	986.8	1,051.2	1,296.2	1,555.8	1,704.4	1,723.4	2,442.0	2,613.5
Social & Community Services	574.9	650.3	693.3	748.1	826.5	948.4	1,035.2	1,225.3	1,544.6	1,830.7	2,218.2	2,541.4
Education	296.6	328.9	346.0	365.9	408.6	486.0	567.2	683.0	946.5	1,133.0	1,297.2	1,511.1
Health	125.4	142.4	147.7	157.0	178.9	200.9	232.5	273.2	321.5	348.9	410.2	498.0
Other Social & Community Services	152.9	179.0	199.6	225.2	239.0	261.5	235.5	269.1	276.6	348.8	510.8	532.3
Economic Services	114.6	141.5	144.7	153.0	177.7	198.3	242.8	330.2	400.8	308.5	369.7	311.7
Agricultural, Non-mineral Resources, Industrial & Commercial Development	36.8	40.9	39.6	43.5	48.6	56.4	67.2	101.3	133.1	62.5	101.5	123.1
Transport & Communications	43.2	52.9	54.4	56.7	95.1	105.2	129.8	170.5	171.4	157.1	175.3	96.5
Other Economic Services	34.6	47.7	50.7	52.8	34.0	36.7	45.8	58.4	96.3	88.9	92.9	92.1
Public Debt	557.3	875.4	712.7	877.0	892.6	1,583.9	2,768.0	2,581.5	3,079.1	4,238.7	1,853.7	2,139.8
Unallocable	53.3	33.9	34.0	90.7	50.5	101.9	54.6	58.1	85.1	87.2	94.7	135.8
Transfer to Development Fund	480.0	443.1	583.0	556.4	664.0	511.3	94.0	1,703.8	1,995.1	1,984.4	2,402.9	2,518.1

¹ Based on Budget estimates.

13.4 ECONOMIC-FUNCTIONAL CLASSIFICATION OF GOVERNMENT MAIN AND DEVELOPMENT EXPENDITURE, 1984

Thousand Dollars

Functional Classification Economic Classification	Total	General Services	Defence, Justice & Police	Social & Community Services			Economic Services	Public Debt & Unallocable Expenditure
				Education	Health	Others		
Total	14,383,776	872,121	2,025,658	1,729,281	460,936	3,393,816	2,167,341	3,734,623
Salaries of Government Employees	1,580,218	178,210	270,314	574,466	288,373	174,051	94,804	-
Personal Emoluments & Allowances	1,344,460	151,032	234,389	495,690	241,851	142,748	78,750	-
Contributions to Central Provident Fund	235,758	27,178	35,925	78,776	46,522	31,303	16,054	-
Rental of Fixed Assets	23,064	14,743	966	170	3,154	2,843	1,188	-
Expenditure on Goods & Services	2,007,730	426,654	111,190	219,309	94,447	303,344	852,556	230
Interest Payments	1,219,659	-	-	-	-	-	-	1,219,659
Transfer Payments	2,003,105	252,004	3,417	933,634	74,962	218,782	419,867	100,439
Transfer to Households	327,166	739	405	221,496	543	4,465	257	99,261
Transfer to Public Authorities & Non-profit Institutions	712,378	13,593	584	455,513	3,318	188,072	51,298	-
Capital Transfer to Domestic Sector	707,845	2,117	-	249,756	68,984	24,435	362,553	-
Other Transfers	255,716	235,555	2,428	6,869	2,117	1,810	5,759	1,178
Financial Claims	5,909,728	25	-	1,700	-	2,694,782	798,926	2,414,295
Unallocable ¹	1,640,272	485	1,639,771	2	-	14	-	-

Note : Figures exclude transfer of \$1,984,418,300 to the Development Fund Account.

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

13.5 ECONOMIC-FUNCTIONAL CLASSIFICATION OF GOVERNMENT MAIN EXPENDITURE, 1984

Thousand Dollars

Functional Classification Economic Classification	Total	General Services	Defence, Justice & Police	Social & Community Services			Economic Services	Public Debt & Unallocable Expenditure
				Education	Health	Others		
Total	8,640,699	522,263	1,972,215	1,282,055	376,255	453,200	300,088	3,734,623
Salaries of Government Employees	1,580,218	178,210	270,314	574,466	288,373	174,051	94,804	-
Personal Emoluments & Allowances	1,344,460	151,032	234,389	495,690	241,851	142,748	78,750	-
Contributions to Central Provident Fund	235,758	27,178	35,925	78,776	46,522	31,303	16,054	-
Rental of Fixed Assets	23,064	14,743	966	170	3,154	2,843	1,188	-
Expenditure on Goods & Services	467,002	78,913	57,747	23,539	78,750	81,055	146,768	230
Interest Payments	1,219,659	-	-	-	-	-	-	1,219,659
Transfer Payments	1,295,260	249,887	3,417	683,878	5,978	194,347	57,314	100,439
Transfer to Households	327,166	739	405	221,496	543	4,465	257	99,261
Transfer to Public Authorities & Non-profit Institutions	712,378	13,593	584	455,513	3,318	188,072	51,298	-
Other Transfers	255,716	235,555	2,428	6,869	2,117	1,810	5,759	1,178
Financial Claims	2,415,224	25	-	-	-	890	14	2,414,295
Unallocable ¹	1,640,272	485	1,639,771	2	-	14	-	-

Note : Figures exclude transfer of \$1,984,418,300 to the Development Fund Account.

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

13.6 SOURCES AND USES OF DEVELOPMENT FUND

Million Dollars

Financial Year	Balance (Beginning of Financial Year)	Sources				Uses			
		Total	Consolidated Revenue Account	Consolidated Loan Account	Others	Total	Government Development Expenditure	Loans to Statutory Boards & Enterprises	Others
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	7,520.5	10,586.1	1,984.4	6,190.5	2,411.2	6,388.4	2,138.8	4,249.6	-
1984/85 ¹	11,718.2	13,509.0	2,393.1	7,161.9	3,954.0	7,867.3	2,474.5	5,392.8	-

¹ Based on Budget estimates.

Source : Accountant-General's Department

13.7 GOVERNMENT DEBT

Million Dollars

End of Year	Total	Domestic					External ¹					
		Total	Registered Stocks	Bearer Bonds	Treasury Bills & Deposits	Advance Deposits	Total	UK Special Aid	World Bank	Asian Development Bank	Capital Market Loan	Others
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
1984	28,077.3	27,435.9	18,207.9	-	1,835.7	7,392.3	641.4	211.3	121.8	80.5	184.4	43.4

¹ Figures were computed at market rates.

Source : Accountant-General's Department
The Monetary Authority of Singapore

13.8 REVENUE COLLECTED BY CUSTOMS AND EXCISE DEPARTMENT

Thousand Dollars

Year	Total	Import & Excise Duties					Entertainment Duties	Film Hire Duty	Licence Fees	Miscellaneous Receipts
		Liquors	Tobacco	Petroleum	Sugar	Others				
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
1984	1,046,298	214,315	227,278	380,987	19,458	148,975	40,795	3,846	5,350	5,294

Source : Customs & Excise Department

13.9 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 & Private Lotteries ³	Radio & Television Licensing Fees ⁴	Skills Development Levy ⁵	Others
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	2,868,945	1,915,962	531,095	23,548	165,703	107,516	42,524	1,814	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
1984	5,546,049	3,568,676	1,204,087	49,039	280,725	203,810	130,096	-	109,102	514

Figures include compounding fees and surcharges on property taxes.

Figures include sales of revenue stamps.

Includes duty on Toto sales on account of withdrawal of exemption with effect from 1.10.83.

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

Amount credited to Skills Development Fund.

Source : Inland Revenue Department
Singapore Broadcasting Corporation

13.10 TAXPAYERS, ASSESSED INCOME AND TAX ASSESSED, 1982 AND 1983

	Taxpayers			Assessed Income			Tax Assessed			
	Total	Resident	Non-resident	Total	Resident	Non-resident	Total	Resident	Non-resident	
	Number			Thousand Dollars						
	1982									
	Total	487,246	477,656	9,590	14,450,333	13,659,566	790,767	3,206,228	2,931,991	274,237
	Individuals	476,166	467,001	9,169	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	534,591	520,105	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	99,847	96,541	3,306
	Companies	9,968	9,550	418	6,185,374	5,476,990	708,384	2,409,559	2,155,715	253,844
	Trusts¹	761	754	7	13,414	13,385	29	5,351	5,347	4
	Clubs & Associations	351	351	-	89,155	89,155	-	47,649	47,649	-
	1983									
	Total	518,758	568,493	13,265	17,096,014	16,207,241	888,773	3,529,432	3,306,464	222,968
	Individuals	569,605	556,811	12,794	10,187,774	10,087,499	100,275	920,006	896,938	23,168
	Employees	487,581	476,023	11,558	8,425,678	8,342,886	82,792	697,689	679,345	18,344
Sole Proprietors	58,603	57,542	1,061	1,095,966	1,084,372	11,594	119,679	117,211	2,468	
Partners	23,421	23,246	175	666,130	660,241	5,889	102,638	100,282	2,356	
Companies	10,879	10,412	467	6,845,231	6,056,741	788,490	2,577,542	2,377,745	199,797	
Trusts¹	742	738	4	11,488	11,480	8	4,571	4,568	3	
Clubs & Associations	532	532	-	51,521	51,521	-	27,313	27,313	-	

Note : Figures for 1982 refer to assessments made during the period 1.1.82 to 31.12.82 (12 months).
 Figures for 1983 refer to assessments made during the period 1.1.83 to 31.12.83 (12 months).

Source : Inland Revenue Department

1 Include Hindu Joint Families.

13.11 INCOME TAX ASSESSMENT OF INDIVIDUALS, 1982 AND 1983

Assessed Income Group (\$)	Taxpayers			Assessed Income			Tax Assessed		
	Total	Resident	Non-resident	Total	Resident	Non-resident	Total	Resident	Non-resident
	Number			Thousand Dollars					
Total 6,000 & Below 6,001 - 8,000 8,001 - 10,000 10,001 - 15,000 15,001 - 20,000 20,001 - 30,000 30,001 - 50,000 50,001 - 100,000 100,001 - 200,000 Over 200,000 Total 6,000 & Below 6,001 - 8,000 8,001 - 10,000 10,001 - 15,000 15,001 - 20,000 20,001 - 30,000 30,001 - 50,000 50,001 - 100,000 100,001 - 200,000 Over 200,000	1982								
	476,166	467,001	9,165	8,162,390	8,080,036	82,354	743,669	723,281	20,388
	61,516	55,444	6,072	291,023	278,658	12,365	5,005	2,457	2,548
	73,827	73,343	484	519,467	516,080	3,387	7,377	6,654	723
	71,192	70,808	384	639,345	635,862	3,483	10,732	9,996	736
	117,726	117,016	710	1,435,925	1,427,242	8,683	33,792	32,003	1,789
	52,695	52,239	456	908,463	900,500	7,963	34,660	32,998	1,662
	47,699	47,215	484	1,156,061	1,144,375	11,686	69,262	66,601	2,661
	29,739	29,343	396	1,129,315	1,114,299	15,016	115,342	112,084	3,258
	15,872	15,750	122	1,072,384	1,064,397	7,987	184,706	182,268	2,438
	4,776	4,735	41	639,160	633,452	5,708	159,474	157,331	2,143
	1,124	1,108	16	371,247	365,171	6,076	123,319	120,889	2,430
	1983								
	569,605	556,811	12,794	10,187,775	10,087,500	100,275	920,006	896,839	23,167
	77,894	69,167	8,727	366,387	347,582	18,805	6,429	2,886	3,543
	84,780	83,980	800	594,024	588,449	5,575	8,335	7,265	1,070
	77,934	77,285	649	700,854	695,049	5,805	11,785	10,712	1,073
	131,993	131,024	969	1,613,737	1,601,947	11,790	36,211	33,901	2,310
	67,991	67,492	499	1,174,607	1,165,986	8,621	41,604	39,840	1,764
	60,377	59,857	520	1,465,615	1,452,936	12,679	81,771	79,044	2,727
40,000	39,576	424	1,506,873	1,490,603	16,270	136,461	132,991	3,470	
21,004	20,862	142	1,411,387	1,402,199	9,188	224,175	221,169	3,006	
6,075	6,024	51	813,198	806,118	7,080	195,728	193,162	2,566	
1,557	1,544	13	541,093	536,631	4,462	177,507	175,869	1,638	

Note : See note to Table 13.10.

Source : Inland Revenue Department

13.12 INCOME TAX ASSESSMENT OF COMPANIES, 1982 AND 1983

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	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
	1983								
	10,879	10,412	467	6,845,231	6,056,741	788,490	2,577,542	2,377,745	199,797
	2,531	2,476	55	11,562	11,344	218	4,613	4,526	87
	1,208	1,157	51	18,288	17,541	747	7,306	7,007	299
	882	852	30	22,764	21,998	766	9,083	8,777	306
	1,238	1,195	43	49,740	48,084	1,656	19,867	19,205	662
1,481	1,414	67	109,691	104,883	4,808	43,842	41,931	1,911	
1,659	1,590	69	293,294	281,446	11,848	116,991	112,352	4,639	
546	519	27	213,105	202,248	10,857	84,795	80,552	4,243	
517	489	28	373,641	352,706	20,935	148,153	140,076	8,077	
817	720	97	5,753,146	5,016,491	736,655	2,142,892	1,963,319	179,573	

Note : See note to Table 13.10.

Source : Inland Revenue Department

ICES

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 Production 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 Division. 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 sale transactions. The weight assigned to each type of property was based on the total sales value in 1979.

14.1 CONSUMER PRICE INDEX, 1976-1984

Section	All Items	Food	Clothing	Housing	Transport & Communication	Miscellaneous
Weights ¹	10,000	4,404	570	1,693	1,395	1,938
Period	June 1982-May 1983 = 100					
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
1984	103.2	101.9	99.7	101.8	104.4	107.7
Annual Percentage Change						
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
1984	2.6	1.5	-0.4	2.1	3.8	5.6

¹ The weights refer to the consumption pattern of 1982/83 and are used in the computation of the 1983 and 1984 indices. Indices for the period 1976-1977 and 1978-1982 relate to the consumption pattern of 1972/73 and 1977/78 respectively.

14.2 AVERAGE RETAIL PRICES OF SELECTED FOODSTUFFS

Dollars

Year	Rice & Other Cereals					Meat & Poultry					Milk & Eggs	
	Thai Rice 100%	Wheat Flour	Bread	Rice Vermicelli ¹	Instant Noodles	Lean Pork	Lean & Fat Pork	Fresh Beef	Fresh Mutton	Hen	Condensed Milk	Hen Eggs
	Per Kg		400g	400g Pkt	425g Pkt	Per Kg					397g Tin	Per 10
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
1984	1.07	.83	.67	.70	1.78	7.33	6.33	12.60	10.98	4.62	1.12	1.67

Prior to 1982, prices refer to 500g packet.

14.2 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 Pomfret	Fresh	Dried	Cabbage	Spinach (Bayam)	Small Mustard	Red Chillies
	2 Kg Bot	1 Kg Bot	Per Kg									
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
1984	5.50	2.61	8.61	4.77	10.62	14.40	23.13	15.82	1.42	1.86	2.50	6.09

14.2 AVERAGE RETAIL PRICES OF SELECTED FOODSTUFFS (continued)

Dollars

Year	Vegetables			Fruits					Miscellaneous			
	Cucumbers	Long Beans	Potatoes	Pineapple	Apple	Orange	Bananas	Papaya	Sugar	Coffee Powder	Tea	Food Beverage ³
	Per Kg			Each			Per Kg				100g Tea Bags ²	400g Tin
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
1984	1.07	1.89	1.13	.64	.32	.39	1.25	.92	1.22	11.65	4.74	3.55

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

14.3 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 Period	10,000	1,040	195	1,083	1,572	74	567	2,066	2,544	859
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
1984	145.5	121.3	179.0	141.4	241.2	113.2	134.3	116.0	127.5	131.3
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
1984	-0.6	0.8	8.6	-0.2	-3.5	43.7	-2.2	-1.6	2.0	-1.9

14.4 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 Period	10,000	840	263	1,286	2,191	66	613	1,702	2,013	1,206
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
1984	143.8	123.9	188.0	136.9	216.8	100.8	150.0	119.5	92.4	142.1
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
1984	-2.1	2.9	11.1	-4.6	-5.2	37.0	-3.1	-2.9	4.5	-3.1

14.5 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 Period	10,000	997	85	1,622	1,293	144	550	1,959	2,657	693
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
1984	144.9	129.6	155.5	126.8	254.3	121.2	123.8	117.0	140.1	122.3
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
1984	-0.7	1.3	0.9	-3.5	-3.3	51.9	-1.1	-1.2	1.2	-0.1

14.6 WHOLESALE PRICE INDEX OF EXPORTED PRODUCTS

Section	All Items	Food	Beverages & Tobacco	Crude Materials	Mineral Fuels	Animal & Vegetable Oils	Chemicals & Chemical Products	Manufactured Goods	Machinery & Equipment	Miscellaneous Manufactures
Weights Period	10,000	662	41	1,410	3,031	211	418	939	2,559	729
1978 = 100										
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
1984	132.7	103.4	122.4	97.4	184.3	97.7	143.4	108.4	115.2	109.8
Annual Percentage Change										
1979	16.8	3.9	2.5	22.8	37.0	5.0	9.2	10.7	1.9	2.3
1980	23.3	3.4	13.2	3.5	55.3	-6.0	25.9	9.2	3.5	6.4
1981	3.7	-4.0	6.0	-20.3	9.8	-10.5	1.0	0.6	9.8	4.9
1982	-3.1	-1.6	2.0	-14.4	-3.3	-12.9	1.6	-3.7	2.0	-1.4
1983	-4.7	-2.1	0.4	16.0	-11.9	-0.8	-1.2	-4.4	0.9	-2.7
1984	-3.9	4.0	-2.7	-3.2	-7.3	28.0	2.8	-3.2	-3.4	0.2

14.7 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
1984	116.5	152.4	207.9	124.5	91.9	216.3	144.6	91.1	65.0	145.5	148.3
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
1984	-6.9	-1.6	-9.7	1.5	-25.1	-3.4	-2.5	-1.7	-1.6	-0.9	0.3

14.8 WHOLESALE PRICE INDEX OF LOCAL FARM PRODUCTS

Section	All Items	Pigs	Fowls	Ducks	Hen Eggs	Leafy Vegetables	Fruit Vegetables	Root Vegetables	Fresh Fish
Weights Period	10,000	4,879	2,384	272	1,084	435	99	22	825
1976 1977 1978 1979 1980 1981 1982 1983 1984	1974 = 100								
	93.2	80.8	98.0	95.4	99.1	102.5	119.7	96.6	135.9
	104.0	97.2	96.5	106.2	98.3	124.5	133.9	142.3	156.6
	100.9	92.4	96.0	97.9	82.3	142.0	127.9	141.0	164.1
	106.6	92.2	102.2	99.7	103.0	155.2	153.8	153.7	178.4
	118.0	109.3	101.5	126.8	97.7	207.4	173.0	179.4	185.7
	134.1	125.6	114.8	157.0	118.8	212.8	183.5	214.0	202.6
	139.8	132.3	112.4	142.8	103.5	293.0	241.6	236.9	215.2
	138.5	133.3	104.9	128.2	94.5	320.6	249.8	271.3	214.7
	123.8	100.8	99.7	135.7	106.1	307.4	243.2	307.7	232.1
	Annual Percentage Change								
	-12.8	-29.8	4.2	-3.0	8.5	-9.2	10.7	0.9	17.1
	11.6	20.4	-1.6	11.3	-0.8	21.4	11.9	47.4	15.2
	-3.0	-4.9	-0.5	-7.8	-16.3	14.1	-4.5	-0.9	4.8
	5.7	-0.2	6.6	1.9	25.1	9.2	20.3	9.0	8.7
	10.8	18.5	-0.7	27.2	-5.2	33.6	12.5	16.7	4.0
	13.6	14.9	13.0	23.8	21.6	2.6	6.5	19.3	9.2
	4.3	5.3	-2.1	-9.1	-12.8	37.7	31.6	10.7	6.2
	-1.0	0.8	-6.7	-10.2	-8.8	9.4	3.4	14.5	-0.2
	-10.6	-24.4	-4.9	5.9	12.3	-4.1	-2.7	13.4	8.1

14.9 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 Lampung	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)	
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	106.88	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
1984	203.09	196.73	193.91	186.88	195.17	193.22	171.16	436.72	658.21	583.75	218.58	1,486	29.16

Note : Int = International
SSR = Singapore Specified Rubber

1 Figures refer to monthly average shipment price.

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

14.10 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
Weights Period	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
1984	277.5	306.3	354.3	371.4	359.6	256.2	215.3	313.5	157.5	207.5

15 EDUCATION

Primary Education

Primary education for a child is free. A child generally begins his primary education at the age of six.

The first three years of primary education emphasizes the learning of English and the mother tongue which may be Chinese, Malay or Tamil. This is to give pupils a strong language foundation for the learning of other subjects. At the end of primary three, pupils are channelled into three different streams according to their ability and aptitude. The three streams are the normal bilingual stream, the extended bilingual stream and the monolingual stream. Pupils in the normal and extended bilingual streams sit for the Primary School Leaving Examination (PSLE) at the end of the sixth year and eighth year respectively. They then proceed to secondary schools if they pass the PSLE. Pupils in the monolingual stream sit for the Primary School Proficiency Examination 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 channelled into the special, the express and the normal streams according to their performance in the PSLE. The learning of English and second language continues at the secondary level. Pupils in the special stream, however, may study both English and Chinese as first languages.

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' (GCE 'O') Level Examination at the end of the fourth year. Those whose GCE 'O' level examination results satisfy the qualifying standards will proceed 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 sit for the GCE 'Normal' Level Examination. Those who have done well in the 'Normal' Level Examination may proceed to sit for the GCE 'O' Level Examination after an extra year of study. The others may go for vocational training or take up employment.

At the pre-university levels, pupils with better GCE 'O' level results will be streamed into the two-year course in junior colleges and other qualifiers will be channelled to the three-year course in pre-university centres. Students with GCE 'O' level can also opt to join the Singapore Polytechnic or Ngee Ann Polytechnic.

Vocational and Industrial Training Board

The Vocational and Industrial Training Board (VITB) which was established in April 1979 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 in Business Studies, the National Trade Certificate (NTC), Grades 2 and 3, Pre-vocational Training and the Certificate of Competency. In addition, continuing education part-time programmes in vocational skill development, academic and language courses were also conducted.

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 through the merger of the University of Singapore and Nanyang University. It has eight faculties and three postgraduate schools; namely, the Faculties of Accountancy and Business Administration, Architecture and Building, Arts and Social Sciences, Dentistry, Engineering, Law, Medicine and Science, and the Schools of Postgraduate Medical, Dental and Management Studies. Higher degrees in Education which are awarded by the University, are conducted at the Institute of Education. The course leading to the University's Master's degree in Applied Linguistics is conducted at the Regional Language Centre. In addition, the National University of Singapore has three non-faculty departments — Department of Extra-mural Studies, English Language Proficiency Unit and Human Resource Management Unit.

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. 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, who will graduate in March 1985. The present enrolment is 1,947.

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, Manufacturing 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, ship construction, welding technology, micro-processor engineering, numerical controlled and computer-aided machining, industrial automation and control, industrial solid state electronics 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 preparing University graduates to be teachers in secondary schools and junior colleges and a two-year Certificate in Education Programme for preparing teachers for primary and lower secondary levels.

In July 1984, a one-year full-time Diploma in Educational Administration (Primary) Programme was

introduced to provide training for primary school teachers who are prospective principals and vice-principals. The Institute also revamped the one-year full-time Further Professional Certificate in Education Programme to prepare serving non-graduate teachers for the role of heads of department in the primary schools. In January 1985, two new full-time programmes were launched to prepare practising graduate teachers in secondary schools for the role of principals/vice-principals and heads of department. They were the Diploma in Educational Administration (Secondary) and the Further Professional Diploma in Education.

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.

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 1984/85 was \$1,256 million.

15.1 ENROLMENT IN EDUCATIONAL INSTITUTIONS

Number

Year	Total	Primary Schools	Secondary Schools & Junior Colleges				Technical & Vocational Institutes ¹	Institutions of Higher Learning ²
			Total	Academic	Technical	Commercial		
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	507,998	299,252	173,693	148,536	17,391	7,766	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
1984	526,566	288,623	187,764	154,188	19,071	14,505	14,396	35,783

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

Source : Ministry of Education

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

15.2 STUDENTS AND TEACHERS IN EDUCATIONAL INSTITUTIONS, END JUNE 1984

Number

	Institutions	Students			Teachers		
		Total	Males	Females	Total	Males	Females
Total	444	526,566	279,475	247,091	23,697	10,468	13,229
Primary Schools	275	288,623	153,067	135,556	10,657	3,272	7,385
Secondary Schools & Junior Colleges	150	187,764	92,796	94,968	8,236	3,493	4,743
Technical & Vocational Institutes	14	14,396	11,139	3,257	1,408	1,059	349
Polytechnics	2	19,273	14,110	5,163	1,453	1,170	283
Institute of Education	1	782	163	619	164	98	66
Universities	2	15,728	8,200	7,528	1,779	1,376	403

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

Source : Ministry of Education

15.3 PRIMARY SCHOOLS, STUDENTS AND TEACHERS BY TYPE OF SCHOOL

Number

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total Schools¹	396	391	379	376	364	351	338	327	321	305	275
Government	193	193	190	199	196	193	199	200	212	207	193
Government-aided	199	194	185	174	165	156	137	125	107	96	81
Private	4	4	4	3	3	2	2	2	2	2	1
Total Students¹	337,816	328,401	316,265	308,342	300,398	297,873	299,252	289,697	289,092	290,800	288,623
Government	219,281	215,657	213,149	214,749	214,727	217,163	221,717	214,763	220,197	219,742	219,930
Government-aided	118,170	112,377	102,824	93,392	85,491	80,527	77,323	74,756	68,734	70,862	68,564
Private	365	367	292	201	180	183	212	178	161	196	129
Total Teachers²	11,249	11,055	10,597	10,345	10,347	10,492	10,090	9,465	9,452	9,921	10,657
Government	7,095	7,044	7,047	7,064	7,242	7,276	7,244	7,260	7,437	7,854	8,132
Government-aided	3,877	3,718	3,534	3,267	3,097	3,200	2,837	2,194	2,007	2,061	2,521
Private	277	293	16	14	8	16	9	11	8	6	4

¹ Data refer to end-June except for 1980-1982 which refer to end-December.

² Data refer to end-June. Figures exclude relief teachers, teachers in ECA Centre, those seconded to HQ, statutory boards and other ministries. From 1976, kindergarten teachers are excluded.

Source : Ministry of Education

15.4 PRIMARY SCHOOL STUDENTS AND TEACHERS BY LANGUAGE MEDIUM OF SCHOOL

Number

Language Medium \ Year	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Students ¹											
Total	337,816	328,401	316,265	308,342	300,398	297,873	299,252	289,697	289,092	290,800	288,623
Males	178,462	173,406	166,678	163,292	158,776	157,694	158,333	152,613	152,495	153,483	153,067
Females	159,354	154,995	149,587	145,050	141,622	140,179	140,919	137,084	136,597	137,317	135,556
English	232,834	234,251	234,700	237,994	241,469	248,507	252,398	251,254	255,921	273,085	277,785
Males	122,804	123,713	123,664	125,875	127,556	131,423	133,104	131,699	134,450	143,423	146,677
Females	110,030	110,538	111,036	112,119	113,913	117,084	119,294	119,555	121,471	129,662	131,108
Chinese	98,647	89,823	78,712	68,315	57,455	48,283	46,078	37,968	32,855	17,550	10,752
Males	53,156	47,939	41,845	36,539	30,547	25,754	24,846	20,664	17,884	9,976	6,350
Females	45,491	41,884	36,867	31,776	26,908	22,529	21,232	17,304	14,971	7,574	4,402
Malay	5,712	3,883	2,567	1,837	1,362	1,029	760	475	316	165	86
Males	2,252	1,571	1,055	798	621	489	371	250	161	84	40
Females	3,460	2,312	1,512	1,039	741	540	389	225	155	81	46
Tamil	623	444	286	196	112	54	16	-	-	-	-
Males	250	183	114	80	52	28	12	-	-	-	-
Females	373	261	172	116	60	26	4	-	-	-	-
Teachers ²											
Total	11,249	11,055	10,597	10,345	10,347	10,492	10,090	9,465	9,452	9,921	10,657
Males	3,620	3,556	3,497	3,418	3,459	3,436	3,341	3,175	3,153	3,143	3,272
Females	7,629	7,499	7,100	6,927	6,888	7,056	6,749	6,290	6,299	6,778	7,385
English	7,152	7,277	7,203	7,350	7,624	7,838	7,856	7,846	7,964	8,543	9,413
Males	1,935	1,978	2,036	2,113	2,271	2,378	2,384	2,453	2,495	2,564	2,786
Females	5,217	5,299	5,167	5,237	5,353	5,460	5,472	5,393	5,469	5,979	6,627
Chinese	3,565	3,332	3,003	2,731	2,510	2,499	2,102	1,520	1,405	1,331	1,227
Males	1,394	1,325	1,245	1,151	1,065	960	870	661	606	549	480
Females	2,171	2,007	1,758	1,580	1,445	1,539	1,232	859	799	782	747
Malay	484	413	361	238	196	141	123	93	78	47	17
Males	273	239	202	143	115	90	82	58	49	30	6
Females	211	174	159	95	81	51	41	35	29	17	11
Tamil	48	33	30	26	17	14	9	6	5	-	-
Males	18	14	14	11	8	8	5	3	3	-	-
Females	30	19	16	15	9	6	4	3	2	-	-

Note : See footnotes 1 and 2 to Table 15.3.

Source : Ministry of Education

15.5 ENROLMENT IN PRIMARY SCHOOLS BY AGE AND LEVEL, END JUNE 1984

Number

Age As At 1.1.84	Total	Primary 1	Primary 2	Primary 3	Primary 4	Primary 5	Primary 6	Primary 7	Primary 8
Total Under 6 6 & Under 7 7 & Under 8 8 & Under 9 9 & Under 10 10 & Under 11 11 & Under 12 12 & Under 13 13 & Under 14 14 & Under 15 15 & Under 16 16 & Over	Males								
	153,067	20,155	22,653	20,864	22,625	24,798	26,025	7,714	8,233
	5	5	-	-	-	-	-	-	-
	19,983	19,972	10	1	-	-	-	-	-
	22,482	126	22,348	8	-	-	-	-	-
	20,693	40	208	20,434	11	-	-	-	-
	22,270	8	70	311	21,876	5	-	-	-
	24,150	4	12	91	499	23,531	13	-	-
	24,700	-	5	13	198	880	22,519	1,085	-
	8,670	-	-	5	32	278	2,684	4,682	989
	6,343	-	-	1	9	77	710	1,512	4,034
	2,704	-	-	-	-	25	68	421	2,190
	1,062	-	-	-	-	2	26	14	1,020
	5	-	-	-	-	-	5	-	-
	Females								
	135,556	18,558	20,771	19,347	20,615	22,825	24,014	4,620	4,806
	12	11	1	-	-	-	-	-	-
	18,431	18,422	9	-	-	-	-	-	-
	20,682	104	20,570	8	-	-	-	-	-
	19,207	17	148	19,035	7	-	-	-	-
	20,397	4	36	235	20,112	10	-	-	-
	22,443	-	4	61	369	22,002	7	-	-
	22,842	-	3	7	120	620	21,194	898	-
	6,029	-	-	1	7	144	2,246	2,765	866
	3,928	-	-	-	-	36	521	789	2,582
	1,184	-	-	-	-	13	31	162	978
	400	-	-	-	-	-	14	6	380
	1	-	-	-	-	-	1	-	-

Source : Ministry of Education

15.6 SECONDARY SCHOOLS, STUDENTS AND TEACHERS BY TYPE OF SCHOOL

Number

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total Schools¹	123	124	126	131	135	135	141	145	146	147	150
Government	69	70	72	77	79	80	86	90	94	93	98
Government-aided	48	48	48	49	51	51	51	51	52	50	48
Private	6	6	6	5	5	4	4	4	4	4	4
Total Students¹	174,177	176,224	177,992	178,186	179,811	176,521	173,693	177,238	176,845	182,343	187,764
Government	127,384	127,651	128,148	127,769	128,509	126,017	124,256	128,127	128,854	133,839	137,400
Government-aided	45,017	46,687	48,022	48,724	49,612	48,735	47,549	47,333	46,198	46,629	48,445
Private	1,776	1,886	1,822	1,693	1,690	1,769	1,888	1,778	1,793	1,875	1,919
Total Teachers²	6,710	6,778	6,855	6,963	7,055	7,642	7,906	8,273	8,347	8,644	8,236
Government	5,005	5,045	5,048	5,106	5,115	5,573	5,605	5,655	5,694	5,946	6,006
Government-aided	1,633	1,659	1,738	1,784	1,873	2,003	2,234	2,553	2,584	2,625	2,150
Private	72	74	69	73	67	66	67	65	69	73	80

¹ Data refer to end-June except for 1980-1982 which refer to end-December.

Source : Ministry of Education

² Data refer to end-June. Figures exclude relief teachers, teachers in ECA Centre, those seconded to HQ, statutory boards and other ministries. Teachers in centralized workshops have been excluded until 1978. In 1979, all centralized workshops were amalgamated with secondary schools.

15.7 SECONDARY SCHOOL STUDENTS AND TEACHERS BY LANGUAGE MEDIUM OF SCHOOL

Number

Language Medium \ Year	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Students ¹											
Total	174,177	176,224	177,992	178,186	179,811	176,521	173,693	177,238	176,845	182,343	187,764
Males	86,735	86,753	86,731	86,362	87,071	85,467	84,206	86,522	86,819	90,060	92,796
Females	87,442	89,471	91,261	91,824	92,740	91,054	89,487	90,716	90,026	92,283	94,968
English	115,145	116,094	117,946	119,514	123,936	130,699	133,116 ^a	144,309	148,431	164,546	176,397
Males	56,718	56,322	56,546	56,988	59,201	62,511	64,244	70,255	72,835	81,066	87,033
Females	58,427	59,772	61,400	62,526	64,735	68,188	68,872	74,054	75,596	83,480	89,364
Chinese	49,993	52,263	53,917	54,093	52,715	43,986	39,405	32,147	27,923	17,507	11,220
Males	26,924	27,820	28,315	27,995	26,920	22,373	19,591	16,005	13,803	8,884	5,701
Females	23,069	24,443	25,602	26,098	25,795	21,613	19,814	16,142	14,120	8,623	5,519
Malay	8,657	7,507	5,794	4,301	2,944	1,668	1,062	678	423	252	122
Males	2,920	2,441	1,736	1,272	878	526	328	217	146	82	45
Females	5,737	5,066	4,058	3,029	2,066	1,142	734	461	277	170	77
Tamil	382	360	335	278	216	168	110	104	68	38	25
Males	173	170	134	107	72	57	43	45	35	28	17
Females	209	190	201	171	144	111	67	59	33	10	8
Teachers ²											
Total	6,710	6,778	6,855	6,963	7,055	7,642	7,906	8,273	8,347	8,644	8,236
Males	3,395	3,418	3,396	3,375	3,322	3,602	3,542	3,662	3,652	3,688	3,493
Females	3,315	3,360	3,459	3,588	3,733	4,040	4,364	4,611	4,695	4,956	4,743
English	4,260	4,314	4,395	4,531	4,630	5,194	5,684	6,261	6,530	7,022	7,361
Males	1,952	1,968	1,966	1,970	1,965	2,249	2,380	2,661	2,767	2,907	3,085
Females	2,308	2,346	2,429	2,561	2,665	2,945	3,304	3,600	3,763	4,115	4,276
Chinese	2,039	2,078	2,106	2,113	2,132	2,189	2,034	1,888	1,723	1,546	820
Males	1,183	1,204	1,201	1,196	1,167	1,184	1,037	919	822	730	381
Females	856	874	905	917	965	1,005	997	969	901	816	439
Malay	399	373	344	308	278	244	176	116	87	73	55
Males	252	238	224	203	184	163	118	76	58	48	27
Females	147	135	120	105	94	81	58	40	29	25	28
Tamil	12	13	10	11	15	15	12	8	7	3	-
Males	8	8	5	6	6	6	7	6	5	3	-
Females	4	5	5	5	9	9	5	2	2	-	-

Note : See footnotes 1 and 2 to Table 15.6.

Students in Special Stream (bilingual) are classified under Chinese medium for 1979-1982.
From 1983, such students are classified under English medium.

Source : Ministry of Education

15.8 ENROLMENT IN SECONDARY SCHOOLS BY AGE AND LEVEL, END JUNE 1984

Number

Age As At 1.1.84	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	92,796	18,860	19,447	19,609	24,855	1,219	1,078	800	3,731	3,197
Under 12	10	10	-	-	-	-	-	-	-	-
12 & Under 13	14,746	14,645	101	-	-	-	-	-	-	-
13 & Under 14	16,155	2,431	13,612	111	1	-	-	-	-	-
14 & Under 15	17,554	1,379	3,648	12,428	99	-	-	-	-	-
15 & Under 16	18,569	363	1,998	4,296	11,903	-	-	-	9	-
16 & Under 17	14,062	25	62	2,612	7,989	491	1	-	2,875	7
17 & Under 18	8,738	7	19	105	4,739	522	448	1	677	2,220
18 & Under 19	2,068	-	3	41	91	191	458	360	161	763
19 & Under 20	808	-	2	12	30	12	161	382	9	200
20 & Under 21	86	-	2	4	2	3	10	57	-	7
Females										
Total	94,968	18,826	19,012	19,579	24,740	1,934	1,759	1,337	4,070	3,711
Under 12	18	17	1	-	-	-	-	-	-	-
12 & Under 13	15,455	15,408	46	1	-	-	-	-	-	-
13 & Under 14	16,790	2,181	14,549	58	2	-	-	-	-	-
14 & Under 15	17,725	1,039	2,990	13,637	59	-	-	-	-	-
15 & Under 16	18,614	155	1,372	3,745	13,330	1	-	-	11	-
16 & Under 17	14,028	16	38	2,016	7,604	1,016	3	-	3,330	5
17 & Under 18	9,033	3	11	73	3,669	697	1,042	33	652	2,853
18 & Under 19	2,579	3	4	39	52	188	610	862	76	745
19 & Under 20	652	2	-	7	20	24	97	396	-	106
20 & Under 21	74	2	1	3	4	8	7	46	1	2

Source : Ministry of Education

15.9 ENROLMENT IN INSTITUTIONS OF HIGHER LEARNING

Number

Year	Total		National University of Singapore		Nanyang Technological Institute		Singapore Polytechnic		Ngee Ann Polytechnic		Institute of Education	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
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	525	57	7,713	2,033	2,507	1,153	192	808
1983	19,193	11,798	6,123	6,789	1,147	120	8,523	2,386	3,175	1,650	225	853
1984	22,473	13,310	6,485	7,298	1,715	230	9,565	2,789	4,545	2,374	163	619

Source : Ministry of Education

15.10 MALE STUDENTS ADMITTED TO INSTITUTIONS OF HIGHER LEARNING

Number

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	4,236	4,706	4,736	4,398	4,406	4,550	5,370	5,744	6,895	7,206	9,083
National University of Singapore	1,232	1,684	1,703	1,566	1,552	1,725	1,767	1,904	2,238	1,982	2,594
Arts & Social Sciences	181	305	269	293	234	229	197	242	244	177	237
Science ¹	157	251	278	264	328	375	220	225	321	292	428
Law	35	70	58	51	44	36	60	63	69	96	107
Medicine	163	123	122	133	82	92	107	136	151	137	186
Dentistry	29	25	29	26	16	25	20	19	22	23	35
Engineering	247	317	353	362	381	521	644	743	959	826	1,065
Architecture & Building/Estate Management	77	91	88	71	80	91	143	148	115	114	212
Accountancy & Business Administration	340	499	500	366	387	356	376	328	357	311	317
Education	3	3	6	-	-	-	-	-	-	-	6
Applied Linguistics	-	-	-	-	-	-	-	-	-	6	1
Singapore Polytechnic	2,475	2,184	2,241	2,102	2,143	2,022	2,743	2,917	3,335	3,700	4,109
Engineering	2,083	1,774	1,800	1,784	1,848	1,810	2,316	2,320	2,745	3,017	3,519
Architecture & Building	250	247	266	154	170	124	332	478	414	450	416
Nautical	142	163	175	164	125	88	95	119	176	233	174
Ngee Ann Polytechnic	492	732	604	595	584	547	733	796	1,173	1,348	2,262
Institute of Education	37	106	188	135	127	256	127	127	149	176	118

¹ Includes Pharmacy

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

15.11 FEMALE STUDENTS ADMITTED TO INSTITUTIONS OF HIGHER LEARNING

Number

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	2,047	2,257	2,685	2,298	2,366	2,875	3,457	3,303	4,246	4,948	5,192
National University of Singapore	1,243	1,256	1,376	1,154	1,034	1,173	1,594	1,745	2,085	2,544	2,317
Arts & Social Sciences	444	471	453	367	366	430	499	521	680	792	697
Science ¹	125	167	283	264	250	258	402	442	469	530	507
Law	88	81	59	48	40	61	62	72	94	103	107
Medicine	76	78	77	70	57	49	66	38	59	77	71
Dentistry	13	21	16	18	19	11	18	19	15	14	3
Engineering	18	28	19	55	45	27	50	74	81	136	98
Architecture & Building/Estate Management	44	34	34	70	31	37	63	72	106	126	113
Accountancy & Business Administration	435	376	434	262	226	300	434	507	581	759	691
Education	-	-	1	-	-	-	-	-	-	-	23
Applied Linguistics	-	-	-	-	-	-	-	-	-	7	7
Singapore Polytechnic	451	391	541	457	442	505	736	774	859	997	1,189
Engineering	344	253	421	365	369	426	531	474	553	625	790
Architecture & Building	107	138	120	92	73	79	205	300	302	343	347
Nautical	-	-	-	-	-	-	-	-	4	29	52
Ngee Ann Polytechnic	157	228	191	170	148	265	379	358	561	904	1,220
Institute of Education	196	382	577	517	742	932	748	426	741	503	466

¹ Includes Pharmacy.

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

15.12 MALE GRADUATES FROM INSTITUTIONS OF HIGHER LEARNING

Number

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	3,223	3,564	2,957	3,520	4,029	4,091	3,617	3,561	3,890	4,234	4,998
National University of Singapore	1,236	1,344	1,303	1,200	1,335	1,477	1,464	1,252	1,408	1,546	1,838
Arts & Social Sciences	171	235	230	219	278	312	311	230	209	227	246
Science ¹	231	268	263	169	174	256	274	203	297	271	221
Law	46	43	47	48	30	57	43	43	36	31	53
Medicine	123	90	97	105	118	78	101	106	117	115	146
Dentistry	23	30	17	24	28	16	15	18	13	33	25
Engineering	279	222	223	267	250	271	290	326	364	485	688
Architecture & Building/Estate Management	44	45	62	49	58	78	77	51	91	112	157
Accountancy & Business Administration	319	410	364	319	398	409	352	272	280	272	300
Education	-	1	-	-	1	-	1	2	1	-	1
Applied Linguistics	-	-	-	-	-	-	-	1	-	-	1
Singapore Polytechnic	1,695	1,905	1,383	1,868	2,012	2,014	1,590	1,594	1,838	1,965	2,148
Engineering	1,491	1,652	1,063	1,564	1,693	1,687	1,390	1,412	1,536	1,598	1,694
Architecture & Building	125	144	191	171	181	230	179	157	274	262	287
Nautical	79	109	129	133	138	97	21	25	28	105	167
Ngee Ann Polytechnic	259	264	222	332	528	492	452	493	492	585	834
Engineering	218	199	158	258	411	404	394	447	421	483	665
Business Studies	41	65	64	74	117	88	58	46	71	102	124
Computer Studies	-	-	-	-	-	-	-	-	-	-	45
Institute of Education	33	51	49	120	154	108	111	222	152	138	178

¹ Includes Pharmacy.

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

15.13 FEMALE GRADUATES FROM INSTITUTIONS OF HIGHER LEARNING

Number

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	1,324	1,625	1,692	2,181	2,000	2,485	2,059	2,964	2,815	2,893	3,610
National University of Singapore	946	1,036	1,105	1,157	1,087	1,286	1,139	1,093	1,173	1,535	1,887
Arts & Social Sciences	421	429	441	483	463	477	417	393	419	544	608
Science ¹	207	198	227	166	154	248	265	264	287	394	513
Law	36	39	61	68	79	73	56	43	37	49	54
Medicine	24	48	50	50	48	50	58	61	62	58	81
Dentistry	9	11	22	15	20	18	18	18	17	17	22
Engineering	10	14	18	23	9	25	19	54	49	28	45
Architecture & Building/Estate Management	6	11	11	23	23	21	40	65	38	49	56
Accountancy & Business Administration	233	285	275	329	290	374	264	191	261	394	498
Education	-	1	-	-	1	-	1	-	-	-	-
Applied Linguistics	-	-	-	-	-	-	1	4	3	2	10
Singapore Polytechnic	176	318	288	464	375	478	379	469	586	561	615
Engineering	113	210	175	336	235	317	261	317	355	325	382
Architecture & Building	63	108	113	128	140	161	118	152	231	233	229
Nautical	-	-	-	-	-	-	-	-	-	3	4
Ngee Ann Polytechnic	63	94	90	105	188	171	128	102	259	343	459
Engineering	13	15	14	18	44	55	51	28	105	141	126
Business Studies	50	79	76	87	144	116	77	74	154	202	273
Computer Studies	-	-	-	-	-	-	-	-	-	-	60
Institute of Education	139	177	209	455	350	550	413	1,300	797	454	649

1 Includes Pharmacy.

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

15.14 STUDENTS ADMITTED TO VOCATIONAL AND INDUSTRIAL TRAINING INSTITUTES

Number

Course Level	1980			1981			1982			1983			1984		
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females
Total	10,287	8,605	1,682	12,666	10,919	1,747	16,974	15,116	1,858	19,311	16,437	2,874	17,191	14,188	3,003
Full-time	7,020	5,692	1,328	7,154	5,854	1,300	8,623	7,287	1,336	8,881	6,896	1,985	6,420	4,305	2,115
Part-time	3,267	2,913	354	5,512	5,065	447	8,351	7,829	522	10,430	9,541	889	10,771	9,883	888
Diploma in Applied Arts	43	16	27	41	15	26	61	26	35	67	23	44	65	22	43
Full-time	43	16	27	41	15	26	61	26	35	67	23	44	65	22	43
Industrial Technician Certificate	1,603	1,426	177	980	865	115	1,050	951	99	879	797	82	981	831	150
Full-time	1,541	1,373	168	934	834	100	890	801	89	799	721	78	656	540	116
Part-time	62	53	9	46	31	15	160	150	10	80	76	4	325	291	34
National Trade Certificate (Grade 2)	594	543	51	1,920	1,738	182	3,959	3,696	263	4,960	4,771	189	5,007	4,708	299
Full-time	125	118	7	441	386	55	661	562	99	545	506	39	762	707	55
Part-time	469	425	44	1,479	1,352	127	3,298	3,134	164	4,415	4,265	150	4,245	4,001	244
National Trade Certificate (Grade 3)	6,139	5,515	624	7,698	7,002	696	8,936	8,155	781	9,585	8,309	1,276	8,709	7,519	1,190
Full-time	4,153	3,604	549	4,589	4,015	574	4,913	4,391	522	4,423	3,795	628	2,981	2,381	600
Part-time	1,986	1,911	75	3,109	2,987	122	4,023	3,764	259	5,162	4,514	648	5,728	5,138	590
Artisan Certificate/Certificate of Competency	386	339	47	548	498	50	1,674	1,618	56	1,870	1,820	50	303	299	4
Full-time	278	275	3	388	387	1	1,355	1,352	3	1,428	1,428	-	224	220	4
Part-time	108	64	44	160	111	49	319	266	53	442	392	50	79	79	-
Pre-vocational Training	-	-	-	-	-	-	-	-	-	-	-	-	142	114	28
Full-time	-	-	-	-	-	-	-	-	-	-	-	-	142	114	28
Certificate in Business Studies	-	-	-	390	98	292	407	99	308	462	75	387	596	138	458
Full-time	-	-	-	390	98	292	407	99	308	462	75	387	596	138	458
Preliminary Certificate in Business Studies	-	-	-	371	119	252	336	56	280	901	92	809	914	103	811
Full-time	-	-	-	371	119	252	336	56	280	901	92	809	914	103	811
Other Courses ¹	1,522	766	756	718	584	134	551	515	36	587	550	37	474	454	20

¹ Figures include commercial courses conducted by the former Adult Education Board, ad hoc courses and modular skill training courses.

Source : Vocational & Industrial Training Board

15.15 STUDENTS COMPLETED COURSES AT VOCATIONAL AND INDUSTRIAL TRAINING INSTITUTES

Number

Course Level	1980			1981			1982			1983			1984		
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females
Total	11,019	7,923	3,096	11,637	9,854	1,783	15,376	13,719	1,657	16,874	15,125	1,749	17,107	14,386	2,721
Full-time	7,793	4,868	2,925	5,817	4,535	1,282	6,649	5,544	1,105	6,779	5,874	905	6,275	4,490	1,785
Part-time	3,226	3,055	171	5,820	5,319	501	8,727	8,175	552	10,095	9,251	844	10,832	9,896	936
Diploma in Applied Arts	-	-	-	-	-	-	-	-	-	37	13	24	30	13	17
Full-time	-	-	-	-	-	-	-	-	-	37	13	24	30	13	17
Industrial Technician Certificate	1,065	937	128	1,014	884	130	858	743	115	748	668	80	774	687	87
Full-time	970	848	122	985	858	127	811	705	106	716	640	76	748	669	79
Part-time	95	89	6	29	26	3	47	38	9	32	28	4	26	18	8
National Trade Certificate (Grade 2)	549	493	56	1,793	1,635	158	3,839	3,603	236	4,631	4,420	211	4,805	4,529	276
Full-time	14	14	-	225	188	37	484	443	41	249	221	28	509	465	44
Part-time	535	479	56	1,568	1,447	121	3,355	3,160	195	4,382	4,199	183	4,296	4,064	232
National Trade Certificate (Grade 3)	6,135	5,587	548	6,866	6,394	472	7,895	7,111	784	8,464	7,497	967	8,664	7,603	1,061
Full-time	3,830	3,339	491	3,394	3,065	329	3,629	3,112	517	3,723	3,285	438	2,805	2,398	407
Part-time	2,305	2,248	57	3,472	3,329	143	4,266	3,999	267	4,741	4,212	529	5,859	5,205	654
Artisan Certificate/ Certificate of Competency	413	408	5	435	379	56	1,420	1,367	53	1,941	1,845	96	747	743	4
Full-time	413	408	5	305	289	16	1,144	1,141	3	1,395	1,395	-	573	569	4
Part-time	-	-	-	130	90	40	276	226	50	546	450	96	174	174	-
Pre-vocational Training	-	-	-	-	-	-	-	-	-	-	-	-	134	107	27
Full-time	-	-	-	-	-	-	-	-	-	-	-	-	134	107	27
Certificate in Business Studies	-	-	-	-	-	-	-	-	-	311	77	234	433	81	352
Full-time	-	-	-	-	-	-	-	-	-	311	77	234	433	81	352
Preliminary Certificate in Business Studies	-	-	-	322	88	234	296	44	252	132	27	105	923	68	855
Full-time	-	-	-	322	88	234	296	44	252	132	27	105	923	68	855
Other Courses ¹	2,857	498	2,359	1,207	474	733	1,068	851	217	610	578	32	597	555	42

Note : See footnote 1 to Table 15.14.

Source : Vocational & Industrial Training Board

15.16 GOVERNMENT EXPENDITURE ON EDUCATION

Thousand Dollars

	1974/75	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85 ⁵
Total	334,462	391,264	405,872	415,823	459,105	556,419	686,379	984,568	1,358,429	1,611,646	1,879,062
Recurrent Expenditure	308,005	339,870	361,222	381,368	426,354	505,207	587,469	749,496	983,750	1,107,112	1,256,380
Primary Schools	119,000	129,351	133,386	139,734	156,499	186,266	210,143	252,054	337,339	357,249	388,988
Secondary Schools & Junior Colleges	80,004	88,900	95,146	103,200	119,794	181,545	211,841	273,344	323,163	348,199	411,515
Vocational & Industrial Training Board ¹	40,188	43,243	43,275	46,034	47,923	22,190	29,694	39,140	47,401	55,121	66,024
Tertiary	50,375	59,865	70,387	71,649	78,867	90,186	109,649	147,321	224,936	291,782	328,548
National University of Singapore ²	36,630	41,048	43,563	42,568	48,570	58,185	74,557	100,141	156,434	197,947	217,947
Institute of Education	5,785	6,487	9,113	11,043	10,257	7,831	11,089	12,300	13,626	18,817	24,880
Polytechnics ³	7,960	12,330	17,711	18,038	20,040	24,170	24,003	34,880	54,876	75,018	85,721
Adult Education	1,974	2,384	1,896	2,021	2,106	2,810	-	-	-	-	-
Others ⁴	16,464	16,127	17,132	18,730	21,165	22,210	26,142	37,637	50,911	54,761	61,305
Development Expenditure	26,457	51,394	44,650	34,455	32,751	51,212	98,910	235,072	374,679	504,534	622,682

Source : Ministry of Education

- 1 Expenditure for 1980/81 was included under Ministry of Science and Technology.
- 2 From 1981/82 figures include expenditure of Nanyang Technological Institute.
- 3 Refer to Singapore Polytechnic and 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.

dentists and 26 maternal and child health clinics. School Health Services are provided at 26 outpatient clinics. Outpatient, Maternal and Child Health and the Primary Health Care Services which

Primary Health Care Services

The Ministry's health services are general public and in respect of four main areas: Primary Health Care Services, Hospital Services, Other Medical and Supporting Services and Dental Services.

HEALTH

16

There are 17 government hospitals of which 16 are general hospitals, including accident and emergency services and multi-specialist, specialist and 1 specialist children's hospital. There are 17 private hospitals catering to the medical needs of the people.

Other Medical and Supporting Services

These are provided by the Radiology and Radiotherapy Department, Pathology Department,

Medical Services

The Ministry's health services are general public and in respect of four main areas: Primary Health Care Services, Hospital Services, Other Medical and Supporting Services and Dental Services. The Ministry's health services are general public and in respect of four main areas: Primary Health Care Services, Hospital Services, Other Medical and Supporting Services and Dental Services.

The health services provided by the government 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 of the Ministry undertakes the responsibility of monitoring family planning policies as well as providing advice and facilities on family planning.

The Ministry of Health's services to the general public are in respect of four main areas; namely, Primary Health Care Services, Hospital Services, Other Medical and Supporting Services, and Dental Services.

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 11 private hospitals catering to 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 162 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 comprehensive network of 30 maternal and child health/family planning clinics.

16.1 HOSPITALS, GOVERNMENT CLINICS AND DISPENSARIES

Number

Year	Hospitals		Government Dental Clinics ¹	Government Outpatient Dispensaries	Maternal & Child Health Clinics
	Government	Private			
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
1984	11	11	162	26	29

¹ Include dental clinics in schools.

Source : Ministry of Health

16.2 REGISTERED MEDICAL PERSONNEL

Number

Year	Doctors		Dentists ¹		Pharmacists		State Registered Nurses		State Enrolled Nurses		Midwives	
	Government	Private	Government	Private	Government	Private	Government	Private	Government	Private	Government	Private
1974	774	812	131	116	60	217	2,442	1,769	1,450	90	510	359
1975	775	847	130	122	61	227	2,589	1,562	1,514	102	517	413
1976	740	965	131	139	60	238	2,809	1,433	1,584	134	532	393
1977	752	1,095	133	168	64	254	3,143	1,714	1,761	196	550	313
1978	826	1,035	154	169	60	270	3,413	1,706	1,761	189	552	305
1979	806	1,045	157	189	62	289	3,241	2,078	1,822	264	536	271
1980	855	1,121	161	185	58	310	2,939	2,384	1,897	325	521	258
1981	914	1,177	166	204	58	300	2,883	2,141	1,846	370	492	274
1982	1,001	1,224	180	222	59	314	2,849	2,275	1,976	434	439	283
1983	1,047	1,314	174	262	58	329	3,169	2,408	1,682	455	405	305
1984	1,109	1,395	165	310	58	351	3,207	2,485	1,679	459	372	280

¹ Figures refer to those with professional degrees.

Source : Ministry of Health

16.3 GOVERNMENT HOSPITAL BEDS

Number

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
TOTAL	7,872	8,005	8,609	8,574	8,493	8,485	8,078	8,365	8,246	8,222	8,085
General Hospitals											
Alexandra Hospital	372	438	479	479	483	503	503	503	545	545	545
Changi Hospital	36	36	180	180	180	180	202	202	202	203	203
Sembawang Hospital	64	64	64	64	64	64	64	64	62	-	-
Singapore General Hospital	1,521	1,521	1,521	1,521	1,521	1,459	1,397	1,651	1,500	1,593	1,656
Tan Tock Seng Hospital	1,303	1,369	1,369	1,358	1,311	1,345	1,335	1,337	1,324	1,274	1,274
Toa Payoh Hospital	384	388	410	410	412	412	412	418	410	410	410
Specialised Hospitals											
Kandang Kerbau Hospital ¹	560	560	751	727	687	687	687	687	687	681	681
St Andrew's Hospital	120	120	120	120	120	120	80	80	80	80	80
Middleton Hospital	272	272	272	272	272	272	272	272	272	272	272
Middle Road Hospital	47	44	-	-	-	-	-	-	-	-	-
Woodbridge Hospital ²	3,193	3,193	3,193	3,193	3,193	3,193	2,876	2,901	2,914	2,914	2,714
View Road Hospital	-	-	250	250	250	250	250	250	250	250	250

1 Figures prior to 1976 exclude neonatal beds.

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

Source : Ministry of Health

16.4 PRIVATE HOSPITAL BEDS

Number

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	1,040	1,100	1,100	1,097	1,090	1,261	1,501	1,534	1,576	1,585	1,583
Gleneagles Hospital	80	76	76	76	76	122	122	121	122	127	127
Jurong Hospital	60	62	62	62	62	62	62	40	40	40	40
Mt Alvernia Hospital	300	272	272	272	292	325	317	312	304	304	304
The American Hospital of Singapore ¹	20	45	45	45	45	45	21	21	89	89	96
Youngberg Hospital	82	82	82	79	79	79	74	68	70	70	67
St Andrew's Mission Hospital ²	80	80	80	80	50	50	50	50	50	-	-
Singapore Nursing Home	18	20	20	20	19	20	30	30	45	45	45
Kwong Wai Shiu Hospital	400	425	425	425	425	425	425	425	425	425	425
Shenton Nursing Home	-	-	-	-	-	13	15	15	15	18	18
Thomson Medical Centre	-	-	-	-	-	76	77	96	96	96	96
Mt Elizabeth Hospital	-	-	-	-	-	-	264	322	282	337	345
Eye Clinic	-	22	22	22	22	22	22	12	20	20	20
Gental Nursing & Health Centre ³	-	16	16	16	20	22	22	22	18	14	-

Source : Ministry of Health

¹ Known as St Mark's Hospital prior to 1983.

² Services were discontinued after 22 April 1982.

³ Closed with effect from 1 February 1984.

16.5 ADMISSIONS IN GOVERNMENT HOSPITALS

Number

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	156,760	164,205	184,146	190,332	209,130	234,328	234,502	230,330	233,683	226,991	230,138
Alexandra Hospital	13,897	20,159	23,983	24,095	28,339	33,089	34,841	33,056	32,459	31,553	33,898
Changi Hospital	-	71	597	1,853	2,520	3,157	4,113	5,289	3,888	4,343	3,466
Sembawang Hospital ¹	989	1,115	1,090	874	745	994	1,076	1,078	1,058	119	-
Singapore General Hospital	58,306	53,956	53,515	54,444	53,036	60,208	58,637	54,655	60,552	60,685	62,310
Tan Tock Seng Hospital	9,558	13,019	15,014	19,490	28,590	37,789	37,680	35,961	36,671	39,915	38,459
Toa Payoh Hospital	21,635	21,819	25,193	25,245	26,740	30,414	31,937	31,852	29,280	29,410	29,925
Kandang Kerbau Hospital	43,391	40,028	54,052	49,879	53,451	55,236	53,437	53,904	54,280	48,072	48,436
St Andrew's Hospital	301	226	251	219	265	180	192	152	104	122	174
Middle Road Hospital	666	627	-	-	-	-	-	-	-	-	-
Middleton Hospital	4,953	9,974	6,591	9,619	10,634	7,965	6,748	8,657	10,140	7,382	7,474
Woodbridge Hospital ²	3,064	3,124	3,706	4,542	4,757	5,243	5,738	5,598	5,177	5,335	5,828
View Road Hospital	-	87	154	72	53	53	103	128	74	55	168

¹ Closed with effect from 31 March 1983.

² See footnote 2 to Table 16.3.

Source : Ministry of Health

16.6 VISITS TO OUTPATIENT DISPENSARIES

Number

Year	Total	Outpatient Dispensaries	Sunday/Holiday Clinics	Island Dispensaries	Mobile Dispensaries ¹	Institutional Dispensaries
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
1984	2,431,286	2,392,409	17,402	1,257	-	20,218

¹ Closed with effect from 31 December 1977.

Source : Ministry of Health

16.7 VISITS TO GOVERNMENT DENTAL CLINICS

Number

Year	Total	School	Hospital	Outpatient Clinic
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
1984	1,133,261	660,597	146,949	325,715

Source : Ministry of Health

16.8 MATERNITY SERVICES

Number

Year	Maternal & Child Health Clinics			Government Hospitals	
	Ante-natal & Post-natal Attendances	Home Deliveries	Home Visit to Puerperal Mothers by Nurses & Midwives	Ante-natal & Post-natal Attendances	Deliveries
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
1984	66,643	1	90,628	159,852	30,496

Source : Ministry of Health

16.9 NOTIFICATIONS OF SPECIFIC NOTIFIABLE DISEASES

Number

Year	Cholera	Dengue/ DHF ¹	Diphtheria	Enteric Fever ²	Leprosy	Malaria	Poliomyelitis	Tuberculosis	Viral Hepatitis ³	Viral Encephalitis ³
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
1984	40	86	-	118	43	193	2	2,122*	601	17

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 Refer to Typhoid and Paratyphoid.

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

16.10 VACCINATION AND IMMUNIZATION OF PRE-SCHOOL CHILDREN

Thousand Doses

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
BCG Vaccination	39.3	36.1	38.2	34.2	34.6	35.3	35.0	35.2	34.1	31.4	30.6
Smallpox Vaccination	37.5	35.1	36.3	33.0	31.6	32.4	31.5	10.6	0.7	-	-
Diphtheria Immunization											
Diphtheria Tetanus ¹											
1st Dose	5.0	4.0	3.0	2.2	2.0	1.8	1.7	1.4	1.5	1.3	0.9
2nd Dose	5.0	4.0	3.0	2.1	2.1	1.8	1.9	1.6	1.8	1.6	1.5
3rd Dose ¹	-	-	-	-	-	-	-	-	-	-	0.7
Boosters	54.5	47.4	20.4	14.5	14.2	11.9	10.8	10.0	9.5	9.7	9.7
Triple Antigen											
1st Dose	36.5	32.5	33.2	32.8	30.0	31.1	29.8	31.6	30.1	28.9	26.1
2nd Dose	35.5	31.7	31.4	31.7	28.4	29.5	28.3	30.0	28.3	27.6	25.1
3rd Dose	36.1	31.3	30.2	31.3	27.8	28.5	27.6	29.0	27.3	26.6	24.5
Boosters	7.2	8.8	20.9	19.8	21.4	20.2	20.2	19.6	20.2	20.1	19.5
Poliomyelitis Immunization											
1st Dose	40.7	35.8	35.6	34.5	31.6	32.5	31.2	32.8	31.0	29.9	27.0
2nd Dose	40.5	36.1	34.2	33.8	30.5	31.3	30.1	31.7	29.9	29.3	26.5
3rd Dose	41.6	35.8	33.6	34.0	30.2	30.8	30.0	31.3	29.9	29.5	26.6
Boosters	62.1	63.9	67.3	59.4	62.7	58.4	55.7	54.4	34.8	29.7	29.1
Measles	-	-	3.4	10.3	9.2	10.0	18.0	22.2	30.0	33.1	30.4

¹ Given to pre-school children with effect from 16 July 1984.

Source : Ministry of Health

16.11 VACCINATION AND IMMUNIZATION OF SCHOOL CHILDREN

Thousand Doses

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
BCG Vaccination	31.1	31.4	31.1	26.0	30.6	29.4	27.4	28.8	44.5	35.2	35.4
Smallpox Revaccination	44.3	41.8	37.4	43.5	40.0	43.5	42.9	11.4	-	-	-
Diphtheria Tetanus											
1st Dose	1.2	1.0	0.6	0.9	0.4	0.4	0.5	0.4	0.2	0.2	0.2
2nd Dose	1.2	0.9	0.5	0.8	0.4	0.4	0.4	0.4	0.3	0.3	0.2
Boosters	21.1	19.6	119.3	99.6	118.0	120.4	111.8	109.7	97.4	84.2	80.8
Poliomyelitis Immunization											
1st Dose	35.3	29.0	1.1	1.2	0.5	0.5	0.5	0.4	0.2	0.2	0.2
2nd Dose	36.7	33.2	1.1	1.3	0.6	0.5	0.4	0.4	0.3	0.2	0.2
3rd Dose	-	-	0.5	1.4	0.7	0.6	0.6	0.5	0.3	0.3	0.3
Boosters	-	-	125.8	98.7	102.6	104.5	97.7	101.7	90.6	83.5	74.9
Rubella	-	-	9.8	20.1	20.9	36.3	26.9	17.7	51.2	44.6	44.9

Source : Ministry of Health

16.12 STUDENT MEDICAL CHECK-UP

Thousand

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
TOTAL	217.8	184.6	220.3	205.4	214.2	214.7	218.5	225.3	204.0	185.0	174.3
By Category :											
New Entrants	45.8	41.3	41.6	43.6	44.4	46.5	45.8	41.9	39.4	42.7	38.4
Primary School Leavers	54.4	49.8	51.8	39.2	44.0	42.9	40.3	37.2	55.7	48.3	48.8
Secondary School Leavers	30.8	17.0	36.9	17.1	18.0	17.8	15.2	15.0	15.6	17.2	21.4
Re-examination	66.8	73.5	85.5	103.0	106.9	106.3	115.1	130.2	92.6	74.5	64.0
Others	20.0	3.0	4.5	2.5	0.9	1.2	2.0	1.0	0.7	2.3	1.7
By Sex :											
Males	106.0	84.6	109.8	96.3	100.3	98.8	101.9	106.1	95.9	86.3	79.0
Females	111.8	100.0	110.5	109.1	113.9	115.9	116.6	119.2	108.1	98.7	95.3

Source : Ministry of Health

16.13 RESULTS OF STUDENT MEDICAL CHECK-UP

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
	Per 10,000 Males Examined										
Incidence of :											
Defective Vision	2,844	3,295	2,722	2,382	2,476	2,885	2,939	3,114	3,161	2,690	2,786
Obesity — Primary Entrants	..	..	..	..	..	..	441	255	250	380	622
— Primary Leavers	..	..	..	..	..	..	762	1,040	1,064	1,204	1,123
Skin Infection	253	218	332	81	129	253	282	275	284	292	259
Scoliosis	..	..	..	..	..	..	33	61	78	127	331
Heart Disease	52	86	92	141	206	202	191	240	165	162	110
Defective Hearing	2	4	1	2	9	7	12	22	37	23	32
Genito-urinary Malformation	590	572	280	442	717	606	786	741	530	508	497
	Per 10,000 Females Examined										
Incidence of :											
Defective Vision	3,080	4,064	3,257	3,439	3,433	3,851	3,779	4,158	3,558	3,747	3,773
Obesity — Primary Entrants	..	..	..	..	..	..	386	195	181	239	555
— Primary Leavers	..	..	..	..	..	..	572	799	944	952	757
— Secondary Leavers	..	..	..	..	..	..	556	864	916	1,442	1,019
Skin Infection	189	313	279	231	237	358	295	341	401	440	353
Scoliosis	..	..	..	..	..	..	67	177	278	529	622
Heart Disease	53	50	90	86	206	198	231	190	185	363	121
Defective Hearing	2	3	2	1	8	8	12	13	22	17	21
Genito-urinary Malformation	36	31	14	18	22	4	5	3	12	9	11

Source : Ministry of Health

16.14 FAMILY PLANNING

Number

Year	Visits to Government Family Planning Clinics							Sterilization		
	Total	First Visit			Re-visits			Total	Female Sterilization ¹	Vasectomy
		Contraceptive Pill	Condom	Others	Contraceptive Pill	Condom	Others			
1974	391,237	10,700	7,245	347	274,627	82,198	16,120	9,147	8,821	326
1975	376,525	9,388	7,023	281	259,048	84,541	16,244	9,498	9,045	453
1976	361,385	8,952	8,477	245	236,676	90,128	16,907	10,218	9,810	408
1977	339,965	7,503	8,354	301	212,152	94,598	17,057	7,986	7,635	351
1978	308,769	6,229	8,730	233	186,829	90,010	16,738	7,245	6,905	340
1979	283,954	5,779	9,180	307	164,827	88,032	15,829	6,620	6,125	495
1980	269,294	5,539	9,166	304	152,557	85,740	15,988	6,266	5,808	458
1981	250,075	5,068	9,165	301	136,611	83,420	15,510	6,014	5,528	486
1982	235,709	4,873	9,418	360	123,600	82,932	14,526	5,637	5,143	494
1983	223,807	4,509	8,828	404	115,758	79,931	14,377	5,198	4,742	456
1984	207,214	4,162	7,876	443	107,172	74,274	13,287	5,786	5,417	369

¹ Figures exclude hysterectomy.

Source : Singapore Family Planning & Population Board

16.15 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							
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
1984	38,350	58,018	54,421	21,826	9,926	6,312	4,575	4,655	788	6,339

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

Source : Ministry of Health

Television was introduced in Singapore on a single channel on 18 February 1963, followed by a

overseas listeners

on medium wave and FM, as well as on short wave for

services are being increased in Chinese, Broadcast

1963. The number of hours, averaged in 1963

the English and Chinese services on the FM band

Monitors on FM waves. Of the other two services

language and the other a bilingual service in English

and television. The Singapore Broadcasting Corporation

was established on 1 February 1960 to take

over the Broadcasting Department's function of

Radio and Television. The Singapore Broadcasting Corporation

was established on 18 February 1963, followed by a

single channel on 18 February 1963, followed by a

17 CULTURE AND RECREATION

4/18 for a radio receiver only

television. The current annual licence fee is \$35 for a

receiver and one of these fees is for one place of

A licence permits the use of one or more television

places of reception, provided or in a fixed vehicle

particular using a radio and/or television receiver and

for Act 1978. A licence fee is to be received for each

receiver and one of these fees is for one place of

television. The current annual licence fee is \$35 for a

receiver and one of these fees is for one place of

television. The current annual licence fee is \$35 for a

receiver and one of these fees is for one place of

television. The current annual licence fee is \$35 for a

receiver and one of these fees is for one place of

television. The current annual licence fee is \$35 for a

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. Programmes are broadcast in the four official languages, namely; Malay, Chinese, Tamil and English. Commercial broadcasting is also undertaken.

The Singapore Broadcasting Corporation operates five radio services — one for each official language and the fifth, a bilingual service in English/Mandarin on FM stereo. Of the other four services, the English and Chinese services on the FM band have been fully put on stereo with effect from 1 January 1982. The number of hours devoted to stereo programmes on the FM band of the Malay and Tamil services are being increased in phases. Broadcasts in each language service are carried simultaneously on medium wave and FM, as well as on short wave 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. 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 6am to 12 midnight daily. Colour transmission began in mid-1974 and by the end of 1976, the networks had been fully converted to colour.

Programmes in the four official languages are televised and every programme transmitted is 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 television 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 tickets sold.

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. Membership is open to the general public free of charge.

Apart from the Central Library at Stamford Road, the National Library operates 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. The Arts Resource Centre set up within the Reference Services Division of the Central Library maintains a good collection of books, periodicals, and audio-visual materials, that is, slides, cassette tapes, video cassettes, records, posters and prints, covering various aspects of fine arts. Audio-visual services are also available at the branches with each branch specialising in a subject area.

17.1 RADIO AND TELEVISION LICENCES AND REDIFFUSION SUBSCRIBERS

Number

End of Year	Radio Licences	Radio & Television Licences	Rediffusion Subscribers
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
1984	111,009	474,877	81,336

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

17.2 RADIO AND TELEVISION TRANSMISSION

Hours Per Week

Year	Radio						Television
	Total	AM/FM				FM Stereo	
		Malay	Chinese	Tamil	English		
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	115.0
1984	646	135	147	112	126	126	132.0

Source : Singapore Broadcasting Corporation

17.3 CINEMAS

Year	Cinemas			Total Seating Capacity ¹	Attendances
	Total	Air Conditioned	Others		
	Number			Thousand	
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
1984	51	49	2	57	27,388

¹ Figures do not include the parking capacity of 899 cars that can be accommodated in the Jurong Drive-in Cinema.

Source : Customs & Excise Department

17.4 BOOKS AT THE NATIONAL LIBRARY

Number

Year	Total	Malay	Chinese	Tamil	English
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
1984	2,162,231	263,118	615,236	87,589	1,196,288

Source : Singapore National Library

17.5 NATIONAL LIBRARY MEMBERSHIP

Number

Year	Total	Persons Aged 15 Years & Over	Children Under 15 Years
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
1984	715,501	492,370	223,131

Source : Singapore National Library

17.6 DAILY NEWSPAPERS CIRCULATION

Number

Year	Total	English	Chinese	Malay	Others
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
1984	630,638	307,376	279,033	37,444	6,785

PUBLICATIONS BY DEPARTMENT OF STATISTICS

*Prices in S\$
(excluding
postage)*

<u>TITLES</u>	
1 Monthly Digest of Statistics	3.50
2 Yearbook of Statistics, 1984/85	5.00
3 Singapore Statistical Charts, 1983/84	15.00
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