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**YEARBOOK OF STATISTICS
SINGAPORE
1985/86**

CHIEF STATISTICIAN
DEPARTMENT OF STATISTICS
SINGAPORE

- 1 JUL 1986

PREFACE

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The Yearbook of Statistics, Singapore, 1985/86 is the nineteenth 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 to keep abreast of the latest developments in Singapore.

The Department of Statistics also publishes the Singapore Statistical Charts, 1985/86 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.

KHOO CHIAN KIM
CHIEF STATISTICIAN
DEPARTMENT OF STATISTICS
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NOTATIONS

* preliminary
 .. not available

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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									
1975	13,496.5	5,089	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	5,461	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	5,979	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	6,267	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	6,860	6,946.6	8,546.7	12,114.1	3,740.9	8,320.2	1,218.7	7,101.5	943.6	26,331.0	84.2
1980	23,717.5	8,139	7,868.3	11,095.6	13,366.5	4,494.1	8,915.0	1,337.9	7,577.1	1,417.9	32,805.8	94.5
1981	28,150.8	9,751	10,298.1	13,209.8	14,695.2	5,249.9	9,413.6	1,408.4	8,005.2	1,877.4	37,694.0	103.7
1982	31,720.1	10,891	12,610.7	15,190.6	15,627.5	6,431.8	9,952.5	1,562.0	8,390.5	1,704.9	37,141.1	98.0
1983	35,801.7	12,226	15,214.9	16,946.1	16,869.8	7,011.1	10,578.4	1,720.6	8,857.8	1,779.8	37,888.3	100.0
1984	39,848.3	13,344	17,645.2	19,196.2	18,261.5	7,575.1	11,122.2	1,786.1	9,336.1	1,833.4	41,704.1	109.0
1985*	39,012.1	12,865	15,954.4	16,510.2	17,928.6	6,588.5	11,414.5	2,134.4	9,280.1	1,141.2	38,937.8	101.1

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						
1975	10.7	9.6	24.1	-6.4	4.1	-4.1	3.0	2.7	3.0	4.9	-7.3	-0.9
1976	7.4	7.3	15.3	11.6	7.5	5.1	5.3	5.0	5.3	-1.0	22.6	12.0
1977	8.9	9.5	10.4	-3.7	7.9	1.5	6.0	9.2	5.5	30.7	13.1	9.3
1978	12.2	4.8	15.2	18.7	8.6	12.9	7.4	11.5	6.7	104.9	12.0	11.6
1979	15.1	9.5	23.0	28.0	9.4	12.2	5.7	-1.4	7.0	16.1	28.5	15.1
1980	16.4	18.6	13.3	29.8	10.3	20.1	7.1	9.8	6.7	50.3	24.6	12.3
1981	18.7	19.8	30.9	19.1	9.9	16.8	5.6	5.3	5.6	32.4	14.9	9.8
1982	12.7	11.7	22.5	15.0	6.3	22.5	5.7	10.9	4.8	-9.2	-1.5	-5.5
1983	12.9	12.3	20.7	11.6	7.9	9.0	6.3	10.2	5.6	4.4	2.0	2.1
1984	11.3	9.1	16.0	13.3	8.2	8.0	5.1	3.8	5.4	3.0	10.1	9.0
1985*	-2.1	-3.6	-9.6	-14.0	-1.8	-13.0	2.6	19.5	-0.6	-37.8	-6.6	-7.2

ECONOMIC INDICATORS (continued)

Year	Building & Construction				Utilities			External Trade				
	Gross Floor Area				Electricity Production	Gas Production	Water Consump- tion	Total	Imports	Exports		
	Planning Approval	Building Plan Approval ²	Notice of Commence- ment	Building Completion						Total Exports	Domestic Exports	Re-exports
	Thousand Square Metres				Million Kilowatt Hours		Million Cubic Metres	Million Dollars				
1975	8,132.6	2,233.9	6,420.8	4,437.4	4,176.0	432.4	190.2	32,028.3	19,270.4	12,757.9	7,540.4	5,217.5
1976	6,055.6	1,539.2	5,649.3	5,589.4	4,604.9	457.1	197.6	38,670.4	22,404.5	16,265.9	9,362.4	6,903.5
1977	5,694.3	1,663.8	5,492.5	5,879.5	5,114.7	487.5	210.0	45,612.2	25,521.9	20,090.3	11,651.8	8,438.5
1978	6,398.6	1,900.6	5,218.5	5,938.5	5,898.0	539.0	223.9	52,586.8	29,601.3	22,985.5	13,226.2	9,759.3
1979	7,297.4	1,862.3	6,520.8	5,187.3	6,447.9	597.1	237.9	69,274.5	38,334.4	30,940.1	18,200.4	12,739.7
1980	9,343.7	2,777.5	7,371.0	5,014.0	6,940.4	614.1	256.4	92,797.1	51,344.8	41,452.3	25,805.2	15,647.1
1981	9,952.8	3,486.8	8,849.9	4,842.3	7,442.0	625.6	276.4	102,538.8	58,248.0	44,290.8	29,452.0	14,838.8
1982	12,053.2	3,406.4	12,445.7	6,123.3	7,859.6	624.8	288.5	104,717.4	60,244.6	44,472.8	29,157.8	15,315.0
1983	11,669.0	5,538.6	12,454.5	6,725.1	8,625.9	605.4	307.3	105,659.1	59,504.2	46,154.9	29,206.4	16,948.5
1984	8,932.8	2,822.2	8,112.0	14,989.5	9,420.7	609.4	317.9	112,473.6	61,133.6	51,340.0	33,051.2	18,288.8
1985	7,769.0	1,958.7	6,141.2	11,423.9	9,876.3	569.9	322.7	107,996.3	57,817.5	50,178.8	32,575.5	17,603.3

² Refers to private sector only.

GROWTH RATES IN ECONOMIC INDICATORS (continued)

Per Cent

Year	Building & Construction				Utilities			External Trade				
	Gross Floor Area				Electricity Production	Gas Production	Water Consumption	Total	Imports	Exports		
	Planning Approval	Building Plan Approval	Notice of Commence- ment	Building Completion						Total Exports	Domestic Exports	Re-exports
1975	..	..	..	..	8.1	10.6	8.4	-7.3	-5.6	-9.9	-10.4	-9.1
1976	-25.5	-31.1	-12.0	26.0	10.3	5.7	3.9	20.7	16.3	27.5	24.2	32.3
1977	-6.0	8.1	-2.8	5.2	11.1	6.7	6.3	18.0	13.9	23.5	24.5	22.2
1978	12.4	14.2	-5.0	1.0	15.3	10.6	6.6	15.3	16.0	14.4	13.5	15.7
1979	14.0	-2.0	25.0	-12.6	9.3	10.8	6.3	31.7	29.5	34.6	37.6	30.5
1980	28.0	49.1	13.1	-3.3	7.6	2.8	7.8	34.0	33.9	34.0	41.8	22.8
1981	6.5	25.5	20.1	-3.4	7.2	1.9	7.8	10.5	13.4	6.8	14.1	-5.2
1982	21.1	-2.3	40.6	26.5	5.6	-0.1	4.4	2.1	3.4	0.4	-1.0	3.2
1983	-3.2	62.6	0.1	9.8	9.7	-3.1	6.5	0.9	-1.2	3.8	0.2	10.7
1984	-23.4	-49.0	-34.9	122.9	9.2	0.7	3.4	6.4	2.7	11.2	13.2	7.9
1985	-13.0	-30.6	-24.3	-23.8	4.8	-6.5	1.5	-4.0	-5.4	-2.3	-1.4	-3.7

ECONOMIC INDICATORS (continued)

Year	Transport & Telecommunication								Balance of Payments		
	Seaborne Cargo Handled			Airborne Cargo Handled			Outgoing Telex Calls	International Telephone Calls ³	Current Account Balance	Capital Account Balance ⁴	Overall Balance
	Total	Loaded	Discharged	Total	Loaded	Discharged	Thousand		Million Dollars		
Thousand Freight Tonnes			Tonnes								
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	-3,227.3	4,646.6	1,433.8
1981	87,343.8	33,745.1	53,598.7	197,103	96,172	100,931	9,563	5,058	-2,911.7	4,832.5	1,938.4
1982	95,660.9	35,665.0	59,995.9	222,304	101,589	120,715	12,043	7,091	-2,579.9	5,097.4	2,517.5
1983	100,126.5	36,277.6	63,848.9	260,925	116,203	144,722	13,893	9,673	-1,731.2	3,968.9	2,237.7
1984	104,193.4	40,344.4	63,849.0	297,937	134,211	163,726	15,668	12,643	-1,551.0	4,781.6	3,230.6
1985	99,545.2	40,308.7	59,236.5	300,019	132,631	167,388	16,243	15,725	-555.8*	3,526.7*	2,970.9*

3 Exclude calls to Peninsular Malaysia.

4 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					
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	-101.7	70.6	26.1
1981	7.9	4.1	10.4	8.4	5.6	11.3	33.0	43.1	9.8	4.0	35.2
1982	9.5	5.7	11.9	12.8	5.6	19.6	25.9	40.2	11.4	5.5	29.9
1983	4.7	1.7	6.4	17.4	14.4	19.9	15.4	36.4	32.9	-22.1	-11.1
1984	4.1	11.2	-	14.2	15.5	13.1	12.8	30.7	10.4	20.5	44.4
1985	-4.5	-0.1	-7.2	0.7	-1.2	2.2	3.7	24.4	64.2*	-26.2*	-8.0*

ECONOMIC INDICATORS (continued)

Year	Money Supply (M ₁)	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 ⁵	Prime Lending Rate	12 Months' Deposit Rate	Total Assets/Liabilities		
		\$ Million	Months	\$ Million			Per Cent	Per Annum	US\$ Million	\$ Million	
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	128,054.7	25,844.9	2,562.7
1985	8,785.0	27,080.1	5.62	70,618.0	28,744.5	37,403.1	7.20	4.88	155,371.4	28,207.0	2,468.8

⁵ Include bills financing.

GROWTH RATES IN ECONOMIC INDICATORS (continued)

Per Cent

Year	Money Supply (M ₁)	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			
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	9.4	14.0
1985	-0.9	19.0	7.5	2.6	1.5	-23.4	-28.2	21.3	9.1	-3.7

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 ⁶	Net Claims ⁷
								Number	Amount Insured		
Million Dollars						Million Units	Number	Million Dollars			
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	379,880	16,421.6	440.9	195.4
1985	5,014.0	414.3	1,386.5	9,129.4*	26,829.5	6,319.3	3,024.7				

⁶ Refer to gross premiums less premiums paid for re-insurance in and out of Singapore.

⁷ 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		
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	5.6	18.9	-	4.7
1985	-5.0	-26.8	2.8	25.3*	18.3	-23.0	-0.6	..	..	..	..

ECONOMIC INDICATORS (continued)

Year	Government Finance						Measures of Inflation			Tourism	
	Revenue ^a	Main Expenditure ^a	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 ^a Arrivals	Hotel Occupancy Rate
			Total	Domestic	External						
			Million Dollars							Per Cent	Thousand
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	184.2	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	199.4	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	208.7	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	216.2	2,853.6	75.5
1984	10,059.2	10,058.4	28,077.3	27,435.9	641.4	1.0	103.2	145.5	219.2	2,991.4	75.5
1985	10,620.6*	10,620.6*	32,164.4	31,568.1	596.3	2.4*	103.7	142.2	214.5*	3,031.0	65.9

8 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.

9 Figures excluded Malaysian arrivals by land. For 1975-1977, 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 ¹⁰ Arrivals	Hotel Occupancy Rate
			Total	Domestic	External					
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	9.1	14.0	0.8
1981	33.2	34.5	16.8	18.3	-4.3	8.2	3.9	8.3	10.4	-0.5
1982	16.1	18.8	21.0	22.3	-2.4	3.9	-4.2	4.7	4.5	-5.7
1983	16.5	16.5	20.7	22.7	-23.2	1.2	-3.7	3.6	-3.5	-6.6
1984	-5.4	-5.4	12.2	12.6	-4.5	2.6	-0.6	1.4	4.8	-
1985	5.6*	5.6*	14.6	15.1	-7.0	0.5	-2.3	-2.1*	1.3	-12.7

¹⁰ 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	
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
1985	2,558.0	1.1	4,122	27.3	42.1	21.4	16.6	5.2	79.9	9.3	1,619	780

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					Per Cent			Dollars		
1975	30	26	4,268	77.5	78.2	58.7	60.2	65.6	394	504	3,236
1976	30	26	3,762	78.3	79.4	59.5	59.9	64.3	422	535	3,418
1977	30	26	4,925	78.5	80.5	68.9	61.7	61.5	453	579	3,456
1978	29	25	5,239	79.1	81.7	74.5	62.3	60.3	521	666	3,870
1979	28	23	5,718	78.9	82.8	74.2	65.1	63.4	625	1,028	4,348
1980	30	22	4,844	78.6	84.0	83.3	68.6	67.9	702	1,220	4,871
1981	31	21	6,367	81.5	84.4	81.7	70.1	61.2	870	1,542	6,009
1982	31	21	6,519	84.1	84.8	87.3	75.4	64.1	1,167	1,827	8,413
1983	29	21	6,951	88.3	85.3	87.0	74.5	65.4	1,229	1,910	9,415
1984	27	23	8,292	91.3	85.6	85.5	79.9	65.3	1,399	2,090	9,785
1985	26	22	8,986	92.0	86.0	85.9	89.0	66.2	1,619	2,515	9,885

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 1985 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			Dollar	Doctor	Dentist	Hospital Bed
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	154	1,010	5,324	262
1985	1,185	4.2	65.6	75.1	17.7	195	972	5,157	259

⁷ Figure for 1985 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
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	266	32.5	18.2	14	172	345	326	14	240
1983	278	34.7	22.5	12	186	369	313	12	234
1984	280	35.7	25.9	11	188	397	305	12	229
1985	279	38.3	30.8	9	188	420	293	12	234

SOCIAL INDICATORS (continued)

Year	Public Housing				Utilities		Fire		Public Order	
	Public Flats ^a		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	
1975	229,338	52	54	22	1,623.5	74.6	2,384	15.1	82	30
1976	256,901	63	60	27	1,760.8	75.4	4,165	19.3	78	30
1977	295,161	62	64	31	1,938.0	78.0	3,804	18.9	86	30
1978	328,385	68	68	37	2,215.2	81.4	4,174	27.2	82	31
1979	351,851	61	71	39	2,409.8	85.4	4,983	70.4	103	30
1980	370,044	64	73	42	2,567.6	89.7	4,705	24.1	123	30
1981	380,294	63	74	43	2,726.0	95.2	5,851	85.6	161	31
1982	399,935	66	75	50	2,832.0	97.4	6,093	26.5	160	30
1983	430,169	70	77	54	3,076.6	102.7	6,802	47.1	164	31
1984	506,340	74	81	60	3,320.9	104.9	4,646	28.0	178	31
1985	551,767	76	84	64	3,468.0	104.0	5,384	18.8	182	32

^a 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.

and the 1990s, the 1990s saw a significant increase in the number of people living in the coastal zone. This was due to a number of factors, including the increasing demand for land for agriculture and industry, and the increasing demand for land for housing. The coastal zone is also a major source of food and raw materials for the economy, and it is a major source of income for the people living there. The coastal zone is also a major source of recreation and tourism, and it is a major source of employment for the people living there.

1 CLIMATE AND LAND USE

The coastal zone is a major source of food and raw materials for the economy, and it is a major source of income for the people living there. The coastal zone is also a major source of recreation and tourism, and it is a major source of employment for the people living there. The coastal zone is also a major source of food and raw materials for the economy, and it is a major source of income for the people living there. The coastal zone is also a major source of recreation and tourism, and it is a major source of employment for the people living there.

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1 CLIMATE AND LAND USE

The Republic of Singapore is situated in the centre of the Malay Archipelago. This location at the focal point of the trade routes of the region has contributed greatly to the development of Singapore as an entrepot trade and commercial centre of South East Asia. It 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 620.5 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 South-west Monsoon season, from May to September, line squalls affect the island.

Land Use

Of the total land area, about 48.2 per cent has been developed for residential, commercial and industrial usage and another 7.5 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. Some of the pollutants commonly monitored are total acidity, smoke, nitrogen oxides and dust fall-out. With the exception of total acidity levels which decreased for all areas, the air pollution levels in 1985 were similar to the previous

year's level 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	
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
1985	31.3	24.3	71	1,484	87	181	5.6

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
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
1985	620.5	298.8	47.1	28.6	18.5	227.5

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		
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
1985	24	20	14	26	19	15	64	38	-	1.07	0.85	0.92

Source : Anti-Pollution Unit

2 DEMOGRAPHY

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 1985 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 17.7 per thousand population in 1975 to 16.6 per thousand in 1985. 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 2,079 per thousand in 1975 to 1,619 per thousand in 1985. Gross reproduction rate also fell from 1,005 per thousand to 780 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 divorcees.

2.1 POPULATION

Year	Population											Rate of Population Increase	Sex Ratio (Males Per 1,000 Females)
	Total			Malays		Chinese		Indians ¹		Others			
	Persons	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females		
	Thousand											Per Cent	
Census													
1901	227.6	170.0	57.6	20.2	15.8	130.4	33.7	14.3	3.4	5.1	4.7	2.3	2,951
1911	303.3	215.5	87.8	22.6	19.2	161.6	57.9	23.1	4.7	8.2	6.0	2.9	2,454
1921	418.3	280.9	137.4	29.6	24.0	214.2	100.9	26.9	5.4	10.2	7.1	3.3	2,043
1931	557.7	352.1	205.6	34.9	30.1	261.0	157.6	42.8	8.0	13.4	9.9	2.9	1,713
1947	938.2	515.0	423.2	62.3	51.5	387.4	342.1	51.7	17.3	13.6	12.3	3.3	1,217
1957	1,445.9	762.8	683.1	103.2	93.8	555.7	534.9	89.1	40.5	14.8	13.9	4.4	1,117
1970	2,074.5	1,062.1	1,012.4	158.4	153.0	796.5	783.4	87.5	57.6	19.7	18.4	2.8	1,049
1980	2,413.9	1,231.7	1,182.2	181.9	169.6	935.0	921.2	88.0	66.6	26.8	24.8	1.5	1,042
Mid-year Estimates													
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
1985	2,558.0	1,302.9	1,255.1	196.5	184.3	984.4	969.5	91.9	72.8	30.1	28.5	1.1	1,038

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)	1975	1976	1977	1978	1979	1980 ¹	1981	1982	1983	1984	1985
Total	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	1,302.9
0 - 4	117.9	114.5	111.3	105.8	102.8	100.9	101.4	101.8	104.8	105.1	107.7
5 - 9	120.3	116.8	115.7	116.2	116.5	115.8	113.0	110.1	104.9	102.5	100.3
10 - 14	145.9	142.8	138.3	133.3	126.4	120.8	117.3	116.0	116.2	116.4	115.6
15 - 19	150.9	153.1	153.8	153.0	151.8	148.2	143.8	138.6	133.2	126.2	120.6
20 - 24	127.5	132.9	139.2	144.4	148.5	152.8	155.3	155.1	153.9	151.8	147.4
25 - 29	105.2	113.7	116.5	120.7	125.0	129.4	134.6	140.2	144.8	148.3	151.9
30 - 34	67.9	67.9	76.8	86.0	95.1	107.4	115.2	117.3	120.9	124.8	128.6
35 - 39	67.4	69.8	71.4	71.7	71.8	68.9	69.0	77.6	86.4	95.0	106.5
40 - 44	56.5	57.8	58.4	59.6	63.3	66.5	69.4	71.1	71.5	71.4	68.0
45 - 49	51.3	52.8	53.2	53.8	53.7	54.7	56.1	56.8	58.2	62.0	65.2
50 - 54	40.9	41.6	43.1	44.5	46.5	48.3	49.9	50.6	51.5	51.6	52.8
55 - 59	34.1	35.0	35.4	36.1	36.4	37.0	38.0	39.6	41.3	43.3	45.3
60 - 64	29.1	28.7	28.4	28.6	29.1	29.8	30.7	31.4	32.0	32.8	33.3
65 - 69	20.4	21.8	22.8	23.3	23.7	23.7	23.4	23.5	23.8	24.4	25.3
70 & Over	20.8	22.1	23.0	24.4	25.7	27.5	29.2	30.7	32.1	33.1	34.4

¹ Census of Population.

2.3 FEMALE POPULATION ESTIMATES BY AGE GROUP

Thousand

Age Group (Years)	1975	1976	1977	1978	1979	1980 ¹	1981	1982	1983	1984	1985
Total	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	1,255.1
0 - 4	110.1	106.8	103.8	98.4	95.2	92.8	93.4	93.6	96.2	96.7	99.8
5 - 9	114.0	110.5	108.8	109.0	108.9	108.1	105.4	102.6	97.7	94.9	92.4
10 - 14	137.7	135.1	131.4	126.2	119.9	114.7	111.0	109.0	109.2	109.0	108.0
15 - 19	141.9	143.1	143.1	142.9	142.1	139.2	135.9	131.6	126.1	119.8	114.5
20 - 24	122.1	127.2	132.8	137.0	140.5	143.4	144.9	144.5	143.8	142.3	138.9
25 - 29	101.9	110.1	112.5	116.0	119.9	124.1	128.9	133.7	137.6	140.7	143.0
30 - 34	66.2	65.9	74.4	83.4	92.0	103.7	111.5	113.7	116.9	120.1	123.7
35 - 39	66.6	69.2	70.9	71.3	70.3	66.9	66.4	74.9	83.7	92.0	103.2
40 - 44	53.7	55.4	56.3	57.5	61.9	65.0	68.3	70.3	70.7	70.0	66.4
45 - 49	45.7	47.7	49.2	50.0	50.6	52.5	54.3	55.1	56.6	60.9	64.2
50 - 54	36.0	36.7	38.0	40.0	42.2	44.8	46.7	48.0	48.9	49.6	51.4
55 - 59	31.9	32.7	32.8	33.5	34.1	34.4	35.1	36.7	38.5	40.8	43.3
60 - 64	28.4	28.7	28.7	28.8	29.2	29.9	30.6	30.9	31.6	32.2	32.4
65 - 69	21.0	22.3	23.5	24.6	25.2	25.6	25.7	25.9	26.2	26.7	27.3
70 & Over	29.3	30.6	31.8	33.6	35.2	37.1	38.9	40.9	42.8	44.7	46.6

¹ Census of Population.

2.4 POPULATION ESTIMATES BY AGE GROUP, ETHNIC GROUP AND SEX, END JUNE 1975

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														
	2,262.6	1,156.1	1,106.5	334.1	171.8	162.3	1,733.7	873.5	860.2	150.2	87.7	62.5	44.6	23.1	21.5
0 - 4	228.0	117.9	110.1	34.8	17.9	16.9	174.4	90.4	84.0	13.3	6.8	6.5	5.5	2.8	2.7
5 - 9	234.3	120.3	114.0	42.6	21.5	21.1	171.9	88.7	83.2	15.5	7.9	7.6	4.3	2.2	2.1
10 - 14	283.6	145.9	137.7	52.4	27.1	25.3	207.9	106.9	101.0	19.3	9.9	9.4	4.0	2.0	2.0
15 - 19	292.8	150.9	141.9	47.0	24.4	22.6	222.6	114.3	108.3	19.2	10.3	8.9	4.0	1.9	2.1
20 - 24	249.6	127.5	122.1	35.6	18.1	17.5	195.3	99.8	95.5	14.8	7.8	7.0	3.9	1.8	2.1
25 - 29	207.1	105.2	101.9	26.4	13.3	13.1	164.2	83.5	80.7	11.7	6.0	5.7	4.8	2.4	2.4
30 - 34	134.1	67.9	66.2	16.0	7.7	8.3	106.1	53.5	52.6	8.0	4.5	3.5	4.0	2.2	1.8
35 - 39	134.0	67.4	66.6	18.1	8.6	9.5	104.0	52.5	51.5	8.5	4.5	4.0	3.4	1.8	1.6
40 - 44	110.2	56.5	53.7	15.3	7.4	7.9	83.0	41.5	41.5	9.1	6.0	3.1	2.8	1.6	1.2
45 - 49	97.0	51.3	45.7	14.5	8.0	6.5	70.3	34.6	35.7	9.8	7.3	2.5	2.4	1.4	1.0
50 - 54	76.9	40.9	36.0	11.3	6.6	4.7	55.4	26.6	28.8	8.2	6.5	1.7	2.0	1.2	0.8
55 - 59	66.0	34.1	31.9	7.8	4.5	3.3	51.0	24.1	26.9	5.8	4.7	1.1	1.4	0.8	0.6
60 - 64	57.5	29.1	28.4	5.2	2.9	2.3	47.9	22.9	25.0	3.6	2.9	0.7	0.8	0.4	0.4
65 - 69	41.4	20.4	21.0	3.5	1.9	1.6	35.5	16.7	18.8	1.9	1.5	0.4	0.5	0.3	0.2
70 & Over	50.1	20.8	29.3	3.6	1.9	1.7	44.2	17.5	26.7	1.5	1.1	0.4	0.8	0.3	0.5
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	45.9	46.3	45.5	52.9	52.9	52.9	44.8	45.8	43.8	44.8	39.8	51.9	39.9	38.5	41.4
20 - 39	32.0	31.8	32.3	28.8	27.8	29.8	32.8	33.1	32.6	28.6	26.0	32.3	36.1	35.5	36.8
40 - 59	15.5	15.8	15.1	14.6	15.4	13.8	15.0	14.5	15.4	21.9	27.9	13.4	19.3	21.7	16.7
60 & Over	6.6	6.1	7.1	3.7	3.9	3.5	7.4	6.6	8.2	4.7	6.3	2.4	4.7	4.3	5.1

2.5 POPULATION ESTIMATES BY AGE GROUP, ETHNIC GROUP AND SEX, END JUNE 1985

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	2,558.0	1,302.9	1,255.1	380.8	196.5	184.3	1,953.9	984.4	969.5	164.7	91.9	72.8	58.6	30.1	28.5
0 - 4	207.5	107.7	99.8	36.8	19.0	17.8	147.0	76.5	70.5	15.3	7.9	7.4	8.4	4.3	4.1
5 - 9	192.7	100.3	92.4	30.3	15.7	14.6	147.7	77.0	70.7	10.2	5.2	5.0	4.5	2.4	2.1
10 - 14	223.6	115.6	108.0	34.6	17.8	16.8	171.6	88.8	82.8	12.4	6.4	6.0	5.0	2.6	2.4
15 - 19	235.1	120.6	114.5	40.7	20.5	20.2	174.6	90.0	84.6	15.6	8.0	7.6	4.2	2.1	2.1
20 - 24	286.3	147.4	138.9	51.5	27.0	24.5	212.0	108.8	103.2	19.1	9.9	9.2	3.7	1.7	2.0
25 - 29	294.9	151.9	143.0	46.5	24.6	21.9	224.6	114.7	109.9	19.5	10.7	8.8	4.3	1.9	2.4
30 - 34	252.3	128.6	123.7	34.9	18.0	16.9	197.2	100.2	97.0	15.2	8.2	7.0	5.0	2.2	2.8
35 - 39	209.7	106.5	103.2	25.6	13.0	12.6	165.6	83.9	81.7	12.0	6.3	5.7	6.5	3.3	3.2
40 - 44	134.4	68.0	66.4	15.2	7.3	7.9	106.1	53.4	52.7	8.0	4.4	3.6	5.1	2.9	2.2
45 - 49	129.4	65.2	64.2	16.6	8.0	8.6	101.0	50.9	50.1	8.1	4.2	3.9	3.7	2.1	1.6
50 - 54	104.2	52.8	51.4	14.0	6.7	7.3	79.3	39.3	40.0	8.2	5.2	3.0	2.7	1.6	1.1
55 - 59	88.6	45.3	43.3	12.7	6.8	5.9	65.6	31.4	34.2	8.2	5.9	2.3	2.1	1.2	0.9
60 - 64	65.7	33.3	32.4	9.3	5.4	3.9	48.8	22.4	26.4	6.1	4.6	1.5	1.5	0.9	0.6
65 - 69	52.6	25.3	27.3	6.0	3.4	2.6	42.0	18.6	23.4	3.7	2.8	0.9	0.9	0.5	0.4
70 & Over	81.0	34.4	46.6	6.1	3.3	2.8	70.8	28.5	42.3	3.1	2.2	0.9	1.0	0.4	0.6
	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	100.0	100.0	100.0	100.0
0 - 19	33.6	34.1	33.0	37.4	37.1	37.7	32.8	33.7	31.8	32.5	29.9	35.7	37.7	37.9	37.5
20 - 39	40.8	41.0	40.5	41.6	42.0	41.2	40.9	41.4	40.4	40.0	38.2	42.2	33.3	30.2	36.5
40 - 59	17.8	17.8	18.0	15.4	14.7	16.1	18.0	17.8	18.3	19.7	21.4	17.6	23.2	25.9	20.4
60 & Over	7.8	7.1	8.5	5.6	6.2	5.0	8.3	7.1	9.5	7.8	10.5	4.5	5.8	6.0	5.6

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						Per 1,000 Population			Per 1,000 Live-births
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
1985	42,484	22,027	20,452	13,348	394	29,136	16.6	5.2	11.4	9.3

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)	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
15 - 19	16.8	16.2	13.4	11.8	11.4	12.2	11.5	11.2	10.3	10.2	9.7
20 - 24	102.1	107.2	90.3	86.8	85.1	79.9	80.3	77.1	70.0	66.9	66.9
25 - 29	154.5	160.2	138.9	140.9	139.3	137.3	136.3	133.9	124.8	124.5	124.7
30 - 34	94.9	95.9	85.2	86.8	88.4	84.5	82.0	83.3	79.5	83.2	86.6
35 - 39	36.3	33.8	28.7	26.7	27.5	27.2	28.6	30.4	29.2	31.9	31.2
40 - 44	10.0	8.1	6.9	5.3	5.5	5.7	5.4	4.9	3.8	4.8	4.5
45 - 49	1.1	0.8	0.6	0.6	1.0	0.5	0.4	0.3	0.2	0.2	0.2
TOTAL FERTILITY RATE	2,079	2,111	1,820	1,795	1,791	1,737	1,723	1,706	1,589	1,609	1,619
Gross Reproduction Rate	1,005	1,018	877	869	853	840	830	816	765	770	780
Net Reproduction Rate	972	985	849	841	825	819	810	796	746	750	760

2.8 LIVE-BIRTHS BY BIRTH ORDER

Birth Order	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total ¹	Number										
	39,948	42,783	38,364	39,441	40,779	41,217	42,250	42,654	40,585	41,556	42,484
	14,674	17,200	16,138	16,424	17,253	17,968	18,599	19,105	18,255	18,071	18,638
	12,631	13,585	12,101	12,962	13,645	13,999	14,431	14,593	14,078	15,171	15,498
	6,596	7,083	6,221	6,463	6,630	6,236	6,305	6,228	5,757	5,877	5,900
	2,854	2,648	2,231	2,181	2,002	1,885	1,876	1,777	1,655	1,606	1,525
	1,299	984	745	674	601	590	522	506	470	436	443
6th & Over	1,810	1,179	879	659	538	422	438	391	302	276	236
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
	36.7	40.2	42.1	41.6	42.3	43.6	44.0	44.8	45.0	43.5	43.9
	31.6	31.7	31.6	32.9	33.5	34.0	34.2	34.2	34.7	36.5	36.5
	16.5	16.6	16.2	16.4	16.3	15.1	14.9	14.6	14.2	14.1	13.9
	7.2	6.2	5.8	5.5	4.9	4.6	4.4	4.2	4.1	3.9	3.6
	3.3	2.3	1.9	1.7	1.5	1.4	1.2	1.2	1.2	1.0	1.0
6th & Over	4.5	2.8	2.3	1.7	1.3	1.0	1.0	0.9	0.7	0.7	0.6

¹ Total includes birth order not stated.

2.9 MALE AND FEMALE AGE SPECIFIC DEATH RATES

Per Thousand Population

Age Group (Years)	Males					Females				
	1981	1982	1983	1984	1985	1981	1982	1983	1984	1985
Total	5.9	5.9	6.0	5.9	5.8	4.6	4.5	4.6	4.4	4.6
Under 1 ¹	11.5	12.5	10.3	9.0	10.2	9.6	8.6	8.5	8.5	8.3
1 - 4	0.6	0.8	0.7	0.7	0.4	0.8	0.6	0.7	0.6	0.4
5 - 9	0.3	0.4	0.3	0.4	0.2	0.3	0.3	0.3	0.2	0.2
10 - 14	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2
15 - 19	1.0	0.9	0.9	0.9	0.9	0.4	0.4	0.4	0.4	0.5
20 - 24	1.0	1.3	1.2	1.2	1.0	0.5	0.5	0.6	0.5	0.4
25 - 29	1.4	1.3	1.3	1.4	1.2	0.7	0.7	0.6	0.6	0.7
30 - 34	1.3	1.4	1.6	1.3	1.4	0.8	0.8	0.9	0.7	0.8
35 - 39	2.1	2.0	2.0	2.1	1.9	1.2	1.2	1.1	1.1	1.2
40 - 44	3.0	3.0	3.1	3.2	3.0	2.0	1.8	1.8	1.7	1.5
45 - 49	6.0	5.7	5.2	5.5	5.1	3.5	3.2	2.9	3.3	2.8
50 - 54	11.0	9.8	10.3	10.0	8.8	6.7	5.8	5.2	5.3	5.0
55 - 59	17.5	17.1	16.2	16.8	16.9	9.4	8.7	8.8	8.2	8.2
60 - 64	28.4	26.2	25.9	25.4	24.7	15.4	14.3	14.3	13.7	14.8
65 - 69	45.0	40.7	40.6	41.0	37.0	24.0	24.1	23.5	22.4	23.2
70 & Over	85.1	87.8	89.9	83.6	84.4	69.6	67.1	70.3	64.5	65.3

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

2.10 DEATHS BY BROAD GROUPS OF CAUSES

	Number										
Causes of Death	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985*
All Causes	11,447	11,648	11,955	12,065	12,468	12,505	12,863	12,896	13,321	13,162	13,348
Infective & Parasitic Diseases	630	554	523	502	503	425	432	393	432	390	363
of which : Tuberculosis	420	358	340	318	331	240	221	207	224	163	170
Neoplasms	2,123	2,278	2,326	2,415	2,542	2,623	2,672	2,729	2,903	2,817	2,922
of which : Cancer	2,083	2,245	2,286	2,386	2,488	2,561	2,616	2,668	2,858	2,776	2,879
Endocrine, Nutritional & Metabolic Diseases	375	408	429	403	403	359	404	397	423	512	486
of which : Diabetes	259	334	377	334	347	319	368	361	373	469	461
Diseases of the Blood & Blood-forming Organs	52	32	50	45	41	31	42	33	33	28	26
Diseases of the Nervous System & Sense Organs	133	129	110	114	122	131	114	121	92	97	86
Diseases of the Circulatory System	3,369	3,798	3,889	3,983	4,233	4,305	4,413	4,430	4,436	4,637	4,540
of which : Heart & Hypertensive Diseases	2,000	2,283	2,426	2,518	2,752	2,777	2,892	2,866	2,911	3,156	3,039
Cerebrovascular Disease	1,244	1,427	1,360	1,382	1,409	1,447	1,438	1,469	1,454	1,413	1,402
Diseases of the Respiratory System	1,632	1,651	1,902	1,724	2,024	1,965	2,196	2,257	2,429	2,096	2,168
of which : Pneumonia	948	1,010	1,215	942	1,124	1,129	1,284	1,375	1,513	1,204	1,243
Bronchitis	211	134	114	107	89	75	67	68	77	55	69
Diseases of the Digestive System	423	384	382	359	382	368	385	400	403	369	386
Diseases of the Genito-Urinary System	311	281	324	381	349	366	366	319	375	405	310
Congenital Anomalies	146	156	141	185	184	185	178	182	155	172	181
of which : Congenital Anomalies of Heart	76	70	70	98	105	111	109	101	86	91	80
Certain Causes of Perinatal Mortality	254	221	247	239	261	227	208	215	149	151	140
Accidents, Poisonings & Violence	887	890	914	1,057	876	899	938	966	1,085	1,095	1,250
of which : Motor Vehicle Accidents	255	257	264	299	236	250	281	326	323	343	..
Other Accidents	217	238	239	256	160	122	157	198	231	194	..
Suicides	252	257	224	266	249	271	191	239	267	211	..
Other Diseases & Causes	1,112	866	718	658	548	621	515	454	406	393	490
of which : Senility	860	679	571	505	359	403	237	219	208	236	170

Note : Deaths for 1975-1978 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

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Demographic Characteristics											
Persons Aged 60 Years & Over ('000)	149.0	154.2	158.2	163.3	168.1	173.6	178.5	183.3	188.5	193.9	199.3
Percentage of Total Population	6.6	6.7	6.8	6.9	7.1	7.2	7.3	7.4	7.5	7.7	7.8
Sex Ratios of Persons Aged :											
(Males Per 1,000 Females)											
60 - 69 Years	1,002	990	981	972	971	965	961	967	965	971	982
70 Years & Over	710	722	723	726	730	739	751	751	750	740	738
60 Years & Over	893	890	883	877	876	874	875	876	874	872	875
Literacy Rate of Persons Aged 60 Years & Over											
(Per 1,000 Population)											
Males	630	643	659	671	683	695	706	716	727	737	750
Females	142	153	165	175	185	194	208	219	230	241	255
Economic Characteristics											
Economically Active Persons Aged											
60 Years & Over ('000)											
Percentage of Total Economically Active	34.9	40.7	39.0	34.2	39.2	37.7	40.1	39.7	42.5	42.2	41.1
	4.0	4.5	4.1	3.4	3.7	3.4	3.5	3.4	3.5	3.5	3.4
Employed Persons Aged 10-59 Years ('000)	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	1,113.9
Self-employed (%)	13.6	13.6	13.3	12.7	12.0	13.6	11.5	12.0	12.4	12.7	12.7
Employees (%)	83.3	83.4	83.6	84.3	84.8	83.9	86.2	85.7	85.4	85.4	85.4
Employed Persons Aged 60 Years & Over ('000)	34.3	40.2	38.7	33.7	38.7	37.7	39.2	39.3	41.8	41.4	40.4
Self-employed (%)	47.1	45.2	46.2	42.8	44.2	44.9	42.0	39.9	42.8	39.8	37.9
Employees (%)	50.7	52.0	50.3	53.8	51.9	52.5	54.2	56.9	53.8	56.3	58.2

2.11 AGED POPULATION (continued)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Mortality											
Deaths Aged 60 Years & Over (No.)	6,747	7,178	7,433	7,493	7,866	8,002	8,208	8,286	8,760	8,524	8,819
Percentage of Total	58.9	61.1	62.2	62.1	63.1	64.0	63.8	64.3	65.8	65.0	66.1
Age-specific Death Rates (Per 1,000 Population)											
Males Aged : 60 - 69 Years	37.2	37.3	37.2	35.7	35.9	35.9	35.6	32.4	32.2	32.0	30.0
70 Years & Over	95.1	93.1	92.0	90.3	92.2	86.9	85.1	87.8	89.9	83.6	84.4
60 Years & Over	54.3	54.3	54.2	53.1	54.3	53.2	52.9	52.3	53.3	50.9	50.1
Females Aged : 60 - 69 Years	19.8	20.4	22.5	21.3	20.9	20.1	19.4	18.8	18.5	17.6	18.7
70 Years & Over	66.6	71.7	70.4	68.5	70.0	69.3	69.6	67.1	70.3	64.5	65.3
60 Years & Over	37.2	39.6	40.6	39.5	40.2	39.9	39.9	39.0	40.5	37.9	39.1
Major Causes of Deaths Aged 60 Years & Over (Per 1,000 Population) :											
Heart & Hypertensive Diseases	8.4	9.7	10.5	10.7	11.2	11.2	11.0	10.9	11.0	11.7	11.2*
Malignant Neoplasms	7.6	8.5	8.3	8.8	8.8	9.3	9.0	8.6	9.6	8.6	8.9*
Cerebrovascular Diseases	6.1	7.0	6.8	6.8	6.6	6.6	6.3	6.4	6.3	5.7	5.7*
Pneumonia	4.2	4.9	5.7	4.4	5.3	5.2	5.7	6.0	6.6	5.1	5.5*
Tuberculosis (All Forms)	1.9	1.7	1.5	1.4	1.4	1.0	0.9	0.8	0.9	0.6	0.7*

2.11 AGED POPULATION (continued)

	1978	1979	1980	1981	1982	1983	1984
Heath							
Patients Aged 60 Years & Over Discharged from Hospitals (No.)	29,744	36,969	44,097	42,846	46,128	47,087	49,109
Percentage of Total	12.9	14.3	16.6	16.1	16.8	17.3	17.7
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	692,658
Percentage of Total	25.5	25.6	26.7	26.3	25.7	28.2	26.8
Average Length of Stay in Hospitals (Days)							
Below 60 Years	9.4	8.9	8.8	8.7	8.7	8.4	8.3
60 Years & Over	21.6	18.3	16.1	16.2	14.9	15.8	14.1
All Ages	11.0	10.2	10.0	9.9	9.7	9.7	9.3
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	31.9
Cancer	19.0	21.0	22.2	24.3	23.1	23.2	23.0
Cataract	9.3	10.4	12.8	14.9	13.4	13.8	12.9
Chronic Obstructive Lung Diseases	..	..	11.2	11.5	11.7	10.8	11.7
Cerebrovascular Diseases	8.5	10.1	9.1	10.3	8.6	9.3	9.4
Diabetes Mellitus	5.1	6.4	6.9	8.0	7.5	6.9	7.3
Fracture of Lower Limb	4.4	4.8	5.5	6.4	6.0	4.8	5.5
Pneumonia	3.4	5.1	4.5	4.6	4.3	4.5	4.5
Peptic Ulcer	4.7	5.3	5.3	5.9	5.2	4.4	4.7
Tuberculosis	4.8	5.4	4.7	4.2	4.2	3.7	3.5

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
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
1985	23,466	18,903	16,747	1,281	83	792	4,563	3,576	261	726

2.13 MARRIAGES BY AGE GROUP OF GROOMS AND BRIDES, 1983-1985

Number

Age Group (Years)	1983				1984				1985			
	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	17,117	4,594	17,117	4,594	19,973	4,494	19,973	4,494	18,495	4,563	18,495	4,563
Under 15	-	-	-	1	-	-	-	-	-	-	-	-
15 - 19	96	116	1,346	853	84	101	1,184	720	70	69	1,080	684
20 - 24	4,348	1,786	8,320	2,385	4,493	1,651	9,453	2,374	4,206	1,678	8,623	2,424
25 - 29	8,066	1,771	5,481	856	9,717	1,806	6,900	878	8,866	1,848	6,500	927
30 - 34	3,157	524	1,372	292	3,943	526	1,729	276	3,727	575	1,597	292
35 - 39	825	169	369	102	1,069	189	506	132	1,046	166	487	115
40 - 44	299	82	130	46	334	78	116	56	282	70	123	57
45 - 49	159	68	55	34	179	51	55	30	171	62	54	30
50 & Over	167	78	44	26	154	92	30	28	127	95	31	34

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
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
1985	28.3	25.3	28.5	25.5	27.7	24.5

2.15 AGE SPECIFIC MARRIAGE RATES, 1970, 1978-1985

Per Thousand Unmarried Population

Age Group (Years)	1970	1978	1979	1980	1981	1982	1983	1984	1985
	Males								
	15 - 19	1.6	1.4	1.7	1.7	1.7	1.6	1.5	1.2
	20 - 24	52.4	49.2	46.7	49.9	52.2	46.1	42.6	42.3
	25 - 29	173.0	148.1	137.5	140.1	134.5	119.2	109.5	110.6
	30 - 34	171.7	172.3	150.1	138.0	140.9	126.4	117.3	115.0
	35 - 39	113.1	136.8	118.8	106.3	116.4	119.0	88.2	87.0
	40 - 44	59.5	90.7	82.8	62.8	92.2	87.5	61.9	61.7
	General Marriage Rate	51.6	53.2	51.7	55.0	58.7	54.4	51.1	54.7
	Females								
	15 - 19	19.1	17.3	17.5	18.4	19.5	18.5	17.7	15.7
	20 - 24	123.8	103.2	100.0	110.5	112.9	101.0	95.0	98.6
	25 - 29	192.3	139.3	120.3	136.5	136.7	117.3	111.9	117.1
	30 - 34	99.1	97.9	88.5	74.3	75.9	74.7	67.1	67.5
	35 - 39	46.0	58.8	41.2	43.6	50.4	48.5	39.5	35.7
	40 - 44	18.1	28.5	30.6	22.0	27.9	24.9	20.7	19.7
	General Marriage Rate	67.3	64.5	62.3	68.9	73.0	67.1	63.6	67.0

2.16 DIVORCES BY ETHNIC GROUP OF COUPLE, 1980-1985

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
1985	1,606	1,382	127	11	86	738	579	30	8	121
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
1985	100.0	86.0	7.9	0.7	5.4	100.0	78.4	4.1	1.1	16.4

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

2.17 DIVORCEES BY AGE GROUP AND SEX, 1983-1985

Number

Age Group (Years)	1983				1984				1985			
	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	1,602	711	1,602	711	1,676	637	1,676	637	1,606	738	1,606	738
Under 20	-	5	1	22	-	1	-	27	-	1	-	27
20 - 24	25	65	188	181	32	75	152	152	22	73	114	181
25 - 29	306	192	489	191	297	168	498	172	243	192	468	192
30 - 34	495	150	414	135	472	145	431	123	453	166	400	131
35 - 39	297	106	216	81	341	87	249	66	350	109	241	95
40 - 44	188	62	114	46	187	54	111	36	161	54	95	40
45 - 49	111	55	58	21	99	42	56	30	92	52	66	37
50 & Over	81	59	24	31	100	65	34	31	89	91	28	35
Not Stated	99	17	98	3	148	-	145	-	196	-	194	-
Mean Age (Years)	35.9	34.7	32.1	30.4	36.2	35.4	32.5	31.3	36.0	36.0	32.4	31.4

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

Among other functions, the Employment Service Department of the Ministry of Labour provides free services for Singapore citizens and permanent residents seeking employment as well as assists employers to recruit workers. Registration for employment assistance at the Department is voluntary. Registrants are requested to inform the Department 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 are taken off the 'live' register. In addition, the Employment Service Department checks all registrants'

employment status using employment records maintained by the Central Provident Fund (CPF) Board. Registrants 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 Department 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. CPF members refer to persons who have accounts with CPF Board and those members who are currently contributing to their accounts are known as CPF contributors.

Employers are required to pay monthly contributions to the Fund for every employee. However, it is not mandatory for certain categories of persons such as employers, 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 1985 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 \$3,000. 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 \$1,500. b 25% of the amount of additional wages payable to the employee in the month.

Productivity

The National Productivity Board continued their Training the Trainer programmes to groom professionals to develop and implement effective training activities within their own companies. Training in industrial and operations engineering techniques was also conducted to assist firms to utilize their manpower resources more efficiently. Personnel were equipped with skills and knowledge to develop and implement labour-management co-operation schemes to build a harmonious labour-management climate conducive to productivity growth. Quality and work efficiency were promoted through Quality Control Circles (QCCs) training. Singapore managers and supervisors were also taught the Japanese productivity know-how through a series of Productivity Development Project (PDP) courses.

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		
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
1985	1,184.7	751.0	433.7	719.4	415.9	31.6	17.9	83.4	47.9	4.2

Note : Data cover persons aged 15-64 years.

1 Census of Population, 1980.

Source : Ministry of Labour

3.2 PERSONS AGED 15 AND OVER BY ACTIVITY STATUS, AGE GROUP AND SEX, 1985

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	1,934.9	958.8	976.1	1,204.0	766.1	437.9	1,154.3	734.3	420.0	49.8	31.9	17.9	730.9	192.7	538.2
15 - 19	253.0	129.4	123.6	83.8	42.1	41.7	77.2	40.1	37.1	6.6	2.0	4.6	169.2	87.3	81.9
20 - 24	288.0	145.7	142.3	241.8	129.5	112.3	225.8	120.1	105.7	16.0	9.3	6.6	46.2	16.3	30.0
25 - 29	275.5	136.1	139.5	225.3	132.5	92.8	215.7	126.0	89.8	9.5	6.5	3.0	50.3	3.6	46.7
30 - 34	241.6	118.8	122.8	176.7	116.8	59.9	170.6	112.2	58.5	6.1	4.6	1.4	64.9	2.0	62.9
35 - 39	213.2	105.0	108.2	151.9	103.6	48.3	148.6	101.1	47.5	3.4	2.5	0.8	61.2	1.4	59.9
40 - 44	142.2	68.1	74.0	96.3	67.0	29.3	94.1	65.3	28.8	2.2	1.7	0.5	45.9	1.1	44.8
45 - 49	131.9	67.0	64.9	88.4	64.9	23.6	85.9	62.8	23.1	2.5	2.1	0.5	43.5	2.1	41.3
50 - 54	105.3	52.7	52.7	60.3	46.6	13.6	58.5	45.2	13.3	1.8	1.5	0.3	45.1	6.0	39.0
55 - 59	88.3	43.4	44.9	38.4	30.2	8.3	37.5	29.2	8.2	1.0	0.9	-	49.9	13.3	36.7
60 & Over	195.9	92.6	103.2	41.1	33.1	8.1	40.4	32.4	8.0	0.8	0.7	0.1	154.7	59.6	95.2

Source : Ministry of Labour

3.3 AGE-SEX SPECIFIC LABOUR FORCE PARTICIPATION RATES, 1970, 1980 AND 1983-1985

Per Cent

Age Group (Years)	1970 ¹			1980 ¹			1983			1984			1985		
	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	63.8	81.6	45.7	63.4	81.2	45.8	62.2	79.9	44.9
15 - 19	49.5	55.7	43.0	49.1	47.5	50.7	41.4	41.9	40.8	36.9	36.7	37.1	33.1	32.6	33.8
20 - 24	73.5	92.9	53.6	86.1	93.4	78.4	85.5	91.9	78.7	85.1	90.2	79.9	83.9	88.8	78.9
25 - 29	64.5	98.0	30.8	78.3	97.2	58.7	80.8	97.5	63.8	81.3	97.2	65.7	81.8	97.3	66.5
30 - 34	60.6	98.3	22.7	71.5	97.9	44.2	73.8	98.4	48.5	74.1	98.6	50.0	73.1	98.3	48.8
35 - 39	60.2	98.4	19.3	68.0	98.0	37.1	71.5	98.4	44.7	71.4	98.6	44.6	71.3	98.7	44.7
40 - 44	60.8	98.1	17.8	65.8	97.6	33.2	68.6	98.3	39.7	69.9	98.4	42.0	67.7	98.4	39.6
45 - 49	60.0	96.2	17.5	61.8	95.7	26.5	64.0	96.6	32.1	65.1	96.8	34.4	67.0	96.8	36.3
50 - 54	55.0	88.1	17.5	56.3	89.6	20.4	58.2	89.4	25.4	58.7	91.5	25.0	57.2	88.5	25.9
55 - 59	46.2	73.9	16.2	43.6	70.7	14.5	46.9	73.7	18.2	47.4	74.4	18.8	43.5	69.5	18.4
60 - 64	35.0	55.6	13.4	31.9	52.5	11.3	33.7	54.1	12.4	34.4	54.1	14.2	32.5	52.3	11.9
65 - 69	25.3	41.2	9.8	23.5	38.6	9.5	24.3	40.0	9.0	22.7	38.3	9.1	22.0	36.7	9.3
70 - 74	14.5	25.8	5.7	15.0	25.1	6.2	15.3	26.7	5.7	15.1	24.3	7.5	14.6	23.6	5.9
75 & Over	6.3	14.4	2.1	6.6	13.3	2.5	7.4	14.8	2.5	7.6	14.5	3.2	6.6	13.1	2.3

¹ Census of Population.

Source : Ministry of Labour

3.4 EMPLOYED PERSONS BY INDUSTRY, 1970-1985

Thousand

Industry ¹	1970 ²	1978	1979	1980 ²	1981	1982	1983	1984	1985
Total	650.9	958.9	1,021.0	1,077.1	1,112.7	1,140.6	1,167.6	1,174.8	1,154.3
Agriculture & Fishing	22.5	17.8	15.2	17.0	12.7	11.6	11.8	8.8	8.1
Quarrying	2.2	1.1	1.5	1.1	1.2	2.5	2.3	1.9	2.4
Manufacturing	143.1	270.6	294.7	324.1	326.1	336.0	324.4	322.2	293.8
Utilities	7.6	9.7	9.8	8.5	9.2	7.9	8.5	9.2	7.7
Construction	43.1	51.5	54.3	72.3	66.4	71.9	84.0	99.8	102.8
Commerce	152.6	225.0	237.4	229.8	252.6	253.6	265.0	264.6	271.1
Transport & Communications	79.0	109.2	118.9	119.9	127.6	129.8	131.9	122.4	117.0
Financial & Business Services	25.8	64.4	72.0	79.4	84.4	89.8	95.0	100.9	100.7
Other Services	174.6	207.8	216.4	224.6	229.7	235.5	243.1	242.2	248.3
Activities Not Adequately Defined	0.4	1.8	0.8	0.4	2.8	2.0	1.6	2.8	2.4

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 1980-1985 were classified according to the Singapore Standard Industrial Classification (SSIC) 1978 while data for 1978 and 1979 were classified according to SSIC 1973.

² Census of Population.

3.5 EMPLOYED PERSONS BY OCCUPATION, 1970, 1978-1985

Thousand

Occupation ¹	1970 ²	1978	1979	1980 ²	1981	1982	1983	1984	1985
Total	650.9	958.9	1,021.0	1,077.1	1,112.7	1,140.6	1,167.6	1,174.8	1,154.3
Professional & Technical Workers	56.1	81.8	87.6	95.1	98.6	106.3	111.4	119.1	120.5
Administrative, Managerial & Executive Workers	15.5	26.4	28.2	52.2	54.8	58.3	62.3	70.0	65.9
Clerical Workers	82.9	150.6	161.5	167.5	168.3	186.9	196.1	194.8	184.7
Sales Workers	102.6	147.5	156.0	132.0	162.3	153.2	161.9	162.0	165.9
Service Workers	88.8	107.1	113.5	112.2	122.6	124.3	126.1	130.0	131.1
Agricultural Workers & Fishermen	26.9	21.0	18.2	20.9	16.6	15.4	15.7	12.7	12.5
Production, Transport & Other Manual Workers	255.0	365.7	394.5	435.0	433.3	439.0	441.0	439.4	419.0
Workers Not Classifiable by Occupation	23.1	58.8	61.5	62.2	56.2	57.2	53.1	46.7	54.6

Note : See note to Table 3.4.

Source : Ministry of Labour

1 Data for 1970 and 1980-1985 were classified according to the Singapore Standard Occupational Classification (SSOC) 1978 while data for 1978 and 1979 were classified according to SSOC 1973.

2 Census of Population.

3.6 EMPLOYED PERSONS AGED 15 AND OVER BY INDUSTRY AND OCCUPATION, 1985

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	1,154.3	120.5	65.9	184.7	165.9	131.1	12.5	419.0	54.6
Agriculture & Fishing	8.1	0.3	0.2	0.2	-	0.1	6.8	0.4	-
Quarrying	2.4	0.4	0.2	0.5	-	0.1	-	1.2	-
Manufacturing	293.8	22.4	18.5	29.5	4.3	5.7	-	213.3	-
Utilities	7.7	1.2	0.2	1.6	-	0.4	0.1	4.1	-
Construction	102.8	6.9	3.4	6.1	0.1	0.5	0.1	84.3	1.4
Commerce	271.1	3.7	14.7	41.7	155.0	35.9	0.1	20.1	-
Transport & Communications	117.0	8.8	6.6	31.4	0.6	6.7	0.1	62.7	-
Financial & Business Services	100.7	16.8	15.6	44.5	5.3	11.8	1.6	5.2	-
Other Services	248.3	60.0	6.5	29.2	0.5	69.9	3.6	25.4	53.2
Activities Not Adequately Defined	2.4	-	-	-	-	-	-	2.3	-

Source : Ministry of Labour

3.7 GOVERNMENT EMPLOYEES BY DIVISIONAL STATUS

Divisional Status	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total Division I Division II Division III Division IV	Number										
	58,777	59,776	61,707	68,569	72,281	71,081	69,866	68,677	69,051	69,298	69,630
	4,415	4,670	5,034	7,159	7,603	7,796	8,068	8,467	8,911	9,547	10,158
	17,542	18,015	18,655	23,122	23,491	23,051	22,724	22,962	23,441	23,101	22,915
	20,277	20,842	21,782	22,517	25,317	24,892	23,947	22,778	22,162	22,251	22,369
	16,543	16,249	16,236	15,771	15,870	15,342	15,127	14,470	14,537	14,399	14,188
	Per Cent										
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	7.5	7.8	8.2	10.5	10.5	11.0	11.5	12.3	12.9	13.8	14.6
	29.8	30.1	30.2	33.7	32.5	32.4	32.5	33.4	33.9	33.3	32.9
	34.5	34.9	35.3	32.8	35.0	35.0	34.3	33.2	32.1	32.1	32.1
	28.2	27.2	26.3	23.0	22.0	21.6	21.7	21.1	21.1	20.8	20.4

Note : Figures exclude daily-rated employees.

Source : Public Service Commission

3.8 EMPLOYED PERSONS BY GROSS MONTHLY INCOME, 1975-1985

Thousand

Gross Monthly Income (\$)	1975	1976	1977	1978	1979	1980 ¹	1981	1982	1983	1984	1985
Total	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	1,131.6
Under 200	263.4	237.9	225.6	211.6	183.6	105.4	80.3	68.2	64.8	55.3	47.0
200 - 399	356.0	366.6	381.9	415.0	443.2	430.6	416.9	319.0	253.8	195.5	160.0
400 - 599	109.9	138.2	146.0	177.1	200.6	246.0	278.6	303.4	312.6	311.1	304.7
600 - 799	38.4	50.9	54.5	63.0	77.8	101.3	121.7	157.3	173.8	191.7	200.2
800 - 999	18.6	24.0	27.4	29.5	36.0	52.6	56.1	75.1	91.2	108.0	109.0
1,000 - 1,499	25.4	29.9	36.9	37.6	43.6	62.2	72.9	96.1	116.8	135.7	146.9
1,500 & Over	21.9	23.0	31.6	25.1	36.3	74.8	60.9	94.8	128.8	153.9	163.7

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 BY INDUSTRY AND OCCUPATION

(As at August)

Dollars

Industry	Professional, Administrative, Managerial, Executive & Related Workers									
	Nominal					Real				
	1981	1982	1983	1984	1985	1981	1982	1983	1984	1985
All Industries	410.86	482.48	519.81	564.48	578.08	321.49	373.73	398.32	418.13	429.16
Agriculture & Fishing	309.51	391.45	413.33	456.37	467.62	242.18	303.21	316.73	338.05	347.16
Quarrying	1,270.94	1,323.02	1,552.17	1,877.69	1,577.94	994.48	1,024.80	1,189.40	1,390.88	1,171.45
Manufacturing	484.47	513.57	550.66	588.18	601.01	379.08	397.81	421.96	435.69	446.18
Utilities	335.98	443.31	469.65	520.41	487.39	262.90	343.38	359.89	385.49	361.83
Construction	411.06	483.68	524.89	566.28	551.90	321.64	374.66	402.21	419.47	409.73
Commerce	518.43	561.19	576.85	604.64	634.10	405.66	434.69	442.03	447.88	470.75
Transport & Communications	523.21	592.86	651.76	681.66	688.80	409.40	459.23	499.43	504.93	511.36
Financial & Business Services	490.28	549.28	593.99	631.02	657.77	383.63	425.47	455.16	467.42	488.32
Other Services	294.30	390.81	425.19	481.87	497.9	230.28	302.72	325.82	356.94	369.64

Source : Ministry of Labour

3.9 AVERAGE WEEKLY EARNINGS BY INDUSTRY AND OCCUPATION (continued)

(As at August)

Dollars

Industry	Clerical, Sales, Service & Related Workers									
	Nominal					Real				
	1981	1982	1983	1984	1985	1981	1982	1983	1984	1985
All Industries	143.98	162.25	173.60	188.46	198.46	112.66	125.68	133.03	139.60	147.33
Agriculture & Fishing	120.28	141.80	147.99	170.69	167.85	94.12	109.84	113.40	126.44	124.61
Quarrying	209.02	230.25	220.02	221.71	216.63	163.55	178.35	168.60	164.23	160.82
Manufacturing	157.15	169.48	183.43	202.43	210.96	122.97	131.28	140.56	149.95	156.61
Utilities	179.09	228.32	242.25	274.23	281.14	140.13	176.86	185.63	203.13	208.72
Construction	153.29	167.08	175.34	189.16	198.61	119.95	129.42	134.36	140.12	147.45
Commerce	138.03	149.69	159.82	171.49	188.61	108.00	115.95	122.47	127.03	134.83
Transport & Communications	157.83	184.52	196.65	212.35	223.76	123.50	142.93	150.69	157.30	166.12
Financial & Business Services	148.59	163.41	175.93	194.63	202.75	116.27	126.58	134.81	144.17	150.52
Other Services	128.04	156.90	168.42	183.00	193.37	100.19	121.53	129.06	135.56	143.56

Source : Ministry of Labour

3.9 AVERAGE WEEKLY EARNINGS BY INDUSTRY AND OCCUPATION (continued)

(As at August)

Dollars

Industry	Production, Transport & Other Manual Workers									
	Nominal					Real				
	1981	1982	1983	1984	1985	1981	1982	1983	1984	1985
All Industries	129.13	143.14	155.95	170.15	173.61	101.04	110.88	119.50	126.04	128.89
Agriculture & Fishing	95.89	114.59	118.48	136.57	144.19	75.03	88.76	90.79	101.16	107.05
Quarrying	198.67	219.00	199.53	195.64	206.13	155.45	169.64	152.90	144.92	153.03
Manufacturing	121.93	131.70	147.11	161.21	162.60	95.41	102.01	112.73	119.41	120.71
Utilities	142.78	186.22	198.83	224.80	218.77	111.72	144.24	152.36	166.52	162.41
Construction	154.21	168.00	165.75	175.66	179.11	120.67	130.13	127.01	130.12	132.97
Commerce	133.74	147.10	157.59	167.16	176.64	104.65	113.94	120.76	123.82	131.14
Transport & Communications	163.44	187.07	202.31	218.58	221.14	127.89	144.90	155.03	161.91	164.17
Financial & Business Services	128.95	143.01	148.89	165.50	181.72	100.90	110.77	114.09	122.59	134.91
Other Services	108.45	129.82	131.97	151.06	160.09	84.86	100.56	101.13	111.90	118.85

Source : Ministry of Labour

3.10 AVERAGE WEEKLY HOURS WORKED BY INDUSTRY

(As at August)

Hours

Industry	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
All Industries	45.4	45.6	45.9	45.8	45.9	45.6	45.4	45.6	45.6	44.6
Agriculture & Fishing	44.9	44.5	44.5	43.6	43.8	43.7	43.9	44.4	44.2	44.1
Quarrying	46.4	46.8	47.7	46.2	46.9	49.5	49.6	49.2	48.0	46.5
Manufacturing	47.8	48.2	48.5	48.0	48.0	48.1	47.6	48.1	47.8	46.5
Utilities	47.8	47.8	48.1	47.9	48.2	48.0	48.0	48.3	47.7	47.3
Construction	47.5	47.1	47.4	47.1	48.1	49.3	50.5	50.5	52.2	51.0
Commerce	44.3	44.3	44.2	44.2	44.1	44.1	44.0	43.9	43.5	43.3
Transport & Communications	45.4	46.6	47.2	46.7	47.1	47.4	46.8	46.5	46.0	45.1
Financial & Business Services	43.4	43.6	43.8	43.8	43.6	43.8	43.5	43.3	43.3	43.3
Other Services	42.2	42.1	41.7	42.1	42.0	39.7	39.9	39.9	39.4	39.2

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

Source : Ministry of Labour

3.11 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
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
1985	9,897	18,155	11,104	7,051	26,176	13,348	12,828	3,424	2,072	1,352

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

3.12 CENTRAL PROVIDENT FUND CONTRIBUTORS BY AGE GROUP

(End of Period)

Age Group (Years)	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	Thousand										
	647.4	677.8	713.6	779.4	832.9	863.6	917.9	927.5	917.9	943.0	889.6
Under 15	1.3	2.0	2.0	2.4	2.3	1.8	1.3	0.8	0.8	0.6	0.3
15 - 19	84.0	87.6	88.4	97.4	100.2	96.0	91.2	80.3	71.3	68.5	47.3
20 - 24	160.9	169.1	175.8	192.4	204.2	209.1	219.1	212.7	203.3	202.2	181.0
25 - 29	127.6	135.1	142.2	154.6	165.6	173.5	189.0	197.0	197.0	203.0	198.1
30 - 34	61.8	69.0	81.3	94.9	110.2	123.9	133.1	139.1	142.4	149.5	149.8
35 - 39	57.8	61.0	61.9	64.9	65.5	63.5	71.3	83.4	91.8	104.9	113.2
40 - 44	45.2	46.5	48.0	52.7	57.3	59.4	63.7	64.1	63.9	63.5	59.4
45 - 49	37.5	38.1	39.2	41.4	42.8	44.7	47.0	48.2	50.5	54.0	54.3
50 - 54	26.7	27.6	28.9	31.7	33.8	34.8	36.3	37.3	37.6	38.4	38.8
55 - 59	4.3	3.9	4.4	18.9	19.6	20.2	21.5	22.9	23.1	24.2	23.4
60 & Over	35.2	33.1	33.8	19.7	20.3	22.8	23.2	22.0	21.4	21.6	20.5
Not Stated	5.1	4.8	7.7	8.4	11.1	13.9	21.2	19.7	14.8	12.6	3.5
Total	Per Cent										
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.1	-
15 - 19	13.0	12.9	12.4	12.5	12.0	11.1	9.9	8.7	7.8	7.3	5.3
20 - 24	24.9	24.9	24.6	24.7	24.5	24.2	23.9	22.9	22.1	21.4	20.4
25 - 29	19.7	19.9	19.9	19.8	19.9	20.1	20.6	21.2	21.5	21.5	22.3
30 - 34	9.5	10.2	11.4	12.2	13.2	14.4	14.5	15.0	15.5	15.9	16.8
35 - 39	8.9	9.0	8.7	8.3	7.9	7.4	7.8	9.0	10.0	11.1	12.7
40 - 44	7.0	6.9	6.7	6.8	6.9	6.9	6.9	6.9	7.0	6.7	6.7
45 - 49	5.8	5.6	5.5	5.3	5.1	5.2	5.1	5.2	5.5	5.7	6.1
50 - 54	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.1	4.1	4.4
55 - 59	0.7	0.6	0.6	2.4	2.4	2.3	2.4	2.5	2.5	2.6	2.6
60 & Over	5.4	4.9	4.7	2.5	2.4	2.6	2.5	2.4	2.3	2.3	2.3
Not Stated	0.8	0.7	1.1	1.1	1.3	1.6	2.3	2.1	1.6	1.3	0.4

Source : Central Provident Fund Board

3.13 CENTRAL PROVIDENT FUND CONTRIBUTORS BY WAGE LEVEL

(End of Period)

Monthly Wage Level (\$)	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Thousand											
Total	647.4	677.8	713.6	779.4	832.9	863.6	917.9	927.5	917.9	943.0	889.6
Below 100	24.0	23.0	22.5	23.9	20.4	12.4	9.6	7.9	6.5	7.6	5.5
100 - 199	117.5	110.4	103.2	86.1	66.9	51.3	39.9	60.8	27.8	27.9	19.1
200 - 299	162.1	175.0	185.3	203.8	184.1	135.9	115.4	81.7	77.4	73.1	57.4
300 - 399	93.1	101.7	109.9	117.1	138.3	165.8	134.2	108.2	85.0	64.8	56.6
400 - 499	62.2	68.3	74.9	82.6	96.0	100.2	129.7	119.1	110.7	91.6	81.3
500 - 599	47.4	50.0	52.7	60.6	73.5	85.8	88.6	91.8	102.5	105.6	101.1
600 - 799	55.6	57.7	63.2	77.9	93.9	107.7	127.4	129.4	140.0	153.5	150.7
800 - 999	25.8	29.0	32.7	40.8	51.6	64.2	79.0	89.2	97.3	102.0	101.2
1,000 - 1,199	15.8	16.3	18.2	22.9	29.4	37.8	51.4	56.7	67.0	75.8	74.9
1,200 - 1,499	14.0	15.4	17.4	21.0	25.2	31.0	43.8	56.8	62.1	71.5	70.0
1,500 - 1,999	] 21.0	11.1	12.5	16.6	22.6	30.4	40.4	47.0	55.6	66.3	65.2
2,000 - 2,499		] 13.2	] 15.1	8.1	9.6	10.9	17.7	24.1	29.6	35.7	36.2
2,500 - 2,999				4.0	5.0	6.5	9.1	13.1	17.0	19.6	20.7
3,000 & Over				6.8	8.7	12.4	18.3	27.3	32.2	43.4	45.9
Not Stated	8.9	6.7	6.0	7.2	7.7	11.3	13.4	14.4	7.2	4.6	3.8
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	3.7	3.4	3.1	3.1	2.5	1.4	1.0	0.9	0.7	0.8	0.6
100 - 199	18.1	16.3	14.5	11.0	8.0	6.0	4.4	6.6	3.0	3.0	2.1
200 - 299	25.0	25.8	26.0	26.2	22.1	15.7	12.6	8.8	8.4	7.7	6.5
300 - 399	14.4	15.0	15.4	15.0	16.6	19.2	14.6	11.7	9.3	6.9	6.4
400 - 499	9.6	10.1	10.5	10.6	11.5	11.6	14.1	12.8	12.1	9.7	9.1
500 - 599	7.3	7.4	7.4	7.8	8.8	9.9	9.6	9.9	11.2	11.2	11.4
600 - 799	8.6	8.5	8.9	10.0	11.3	12.5	13.9	13.9	15.2	16.3	16.9
800 - 999	4.0	4.3	4.6	5.2	6.2	7.4	8.6	9.6	10.6	10.8	11.4
1,000 - 1,199	2.4	2.4	2.5	2.9	3.5	4.4	5.6	6.1	7.3	8.0	8.4
1,200 - 1,499	2.2	2.3	2.4	2.7	3.0	3.6	4.8	6.1	6.8	7.6	7.9
1,500 - 1,999	] 3.3	1.6	1.8	2.1	2.7	3.5	4.4	5.1	6.1	7.0	7.3
2,000 - 2,499		] 1.9	] 2.1	1.1	1.2	1.3	1.9	2.6	3.2	3.8	4.1
2,500 - 2,999				0.5	0.6	0.8	1.0	1.4	1.8	2.1	2.3
3,000 & Over				0.9	1.1	1.4	2.0	2.9	3.5	4.6	5.2
Not Stated	1.4	1.0	0.8	0.9	0.9	1.3	1.5	1.6	0.8	0.5	0.4

Source : Central Provident Fund Board

3.14 CENTRAL PROVIDENT FUND CONTRIBUTORS BY INDUSTRY

(End of Period)

Industry	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Thousand											
All Industries	647.4	677.8	713.6	779.4	832.9	863.6	917.9	927.5	917.9	943.0	889.6
Agriculture & Fishing	1.3	1.6	1.6	1.8	2.0	2.0	2.2	2.3	2.3	2.4	2.4
Quarrying	1.0	1.1	1.1	1.1	1.0	1.2	1.6	1.6	1.7	0.9	0.7
Manufacturing	196.9	217.0	230.4	259.1	280.7	284.2	292.2	274.6	261.0	283.0	251.4
Utilities	9.1	9.2	9.1	8.9	8.8	8.2	7.9	7.8	7.7	7.7	7.8
Construction	26.9	26.6	25.4	26.7	27.5	29.3	37.6	43.0	47.9	58.6	54.2
Commerce	130.7	139.5	149.8	166.3	179.1	187.9	203.5	212.7	210.6	208.3	194.1
Transport & Communications	73.0	72.4	78.4	87.5	92.2	95.2	98.6	98.0	95.1	93.3	90.3
Financial & Business Services	58.4	61.5	65.1	69.9	77.4	84.3	95.1	102.1	107.0	111.6	108.9
Other Services	144.0	145.6	151.9	157.0	162.5	165.8	170.3	175.3	174.3	176.7	179.8
Activities Not Adequately Defined	6.1	3.3	0.8	1.1	1.7	5.5	8.9	10.1	10.3	0.5	-
Per Cent											
All Industries	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agriculture & Fishing	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3
Quarrying	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1
Manufacturing	30.4	32.0	32.3	33.3	33.7	32.9	31.8	29.6	28.4	30.0	28.3
Utilities	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.8	0.9
Construction	4.2	3.9	3.6	3.4	3.3	3.4	4.1	4.6	5.2	6.2	6.1
Commerce	20.2	20.6	21.0	21.3	21.5	21.8	22.2	22.9	22.9	22.1	21.8
Transport & Communications	11.3	10.7	11.0	11.2	11.1	11.0	10.7	10.6	10.4	9.9	10.1
Financial & Business Services	9.0	9.1	9.1	9.0	9.3	9.8	10.4	11.0	11.7	11.8	12.2
Other Services	22.2	21.5	21.3	20.2	19.5	19.2	18.5	18.9	19.0	18.8	20.2
Activities Not Adequately Defined	0.9	0.5	0.1	0.1	0.2	0.6	1.0	1.1	1.1	-	-

Source : Central Provident Fund Board

3.15 CENTRAL PROVIDENT FUND MEMBERS BY AGE GROUP

(End of Period)

Age Group (Years)	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	Thousand										
	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	1,891.7
Under 15	1.7	2.6	2.6	3.1	3.1	2.8	2.0	1.3	1.3	1.1	0.6
15 - 19	141.7	147.8	152.4	163.7	172.7	174.2	177.0	164.8	150.9	141.2	118.3
20 - 24	270.6	286.2	297.0	308.4	322.5	333.5	357.2	367.5	368.6	369.9	355.0
25 - 29	208.2	226.5	244.3	264.5	286.7	305.0	334.9	353.2	362.8	374.7	383.3
30 - 34	110.3	123.5	146.4	168.5	197.2	227.3	252.1	271.4	290.6	310.4	327.0
35 - 39	103.7	112.5	116.6	121.4	123.1	121.3	138.3	163.2	184.4	212.3	242.2
40 - 44	77.8	82.6	86.5	94.9	105.2	112.2	123.8	128.0	131.8	132.3	130.2
45 - 49	63.2	66.5	69.5	72.8	77.1	82.4	88.7	92.9	101.2	111.1	118.4
50 - 54	45.2	48.3	51.7	56.0	60.6	64.0	68.3	71.4	74.2	78.0	84.0
55 & Over	59.0	61.7	64.8	66.3	69.6	77.3	82.0	86.6	88.3	94.7	105.5
Not Stated	23.0	19.3	19.3	21.2	17.8	18.7	25.4	25.0	24.8	26.8	27.2
Total	Per Cent										
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	-
15 - 19	12.8	12.6	12.2	12.2	12.0	11.4	10.7	9.6	8.5	7.6	6.2
20 - 24	24.5	24.3	23.8	23.0	22.5	22.0	21.7	21.3	20.7	20.0	18.8
25 - 29	18.9	19.2	19.5	19.7	20.0	20.1	20.3	20.5	20.4	20.2	20.3
30 - 34	10.0	10.5	11.7	12.6	13.7	15.0	15.3	15.7	16.3	16.8	17.3
35 - 39	9.4	9.6	9.3	9.1	8.6	8.0	8.4	9.5	10.4	11.5	12.8
40 - 44	7.0	7.0	6.9	7.1	7.3	7.4	7.5	7.4	7.4	7.1	6.9
45 - 49	5.7	5.7	5.6	5.4	5.4	5.4	5.4	5.4	5.7	6.0	6.3
50 - 54	4.1	4.1	4.1	4.2	4.2	4.2	4.1	4.1	4.2	4.2	4.4
55 & Over	5.3	5.2	5.2	4.9	4.9	5.1	5.0	5.0	4.9	5.1	5.6
Not Stated	2.1	1.6	1.5	1.6	1.2	1.2	1.5	1.4	1.4	1.4	1.4

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

Source : Central Provident Fund Board

3.16 CENTRAL PROVIDENT FUND MEMBERS BY BALANCES

(End of Period)

Balance (\$)	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Thousand											
Total	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	1,891.7
Below 200	259.9	262.5	266.8	275.8	267.6	259.5	267.9	244.8	241.9	237.1	222.6
200 - 399	106.3	110.5	112.9	116.0	110.4	104.0	115.5	112.8	110.9	113.7	110.3
400 - 599	74.1	73.5	75.1	78.2	79.1	72.2	76.0	75.0	73.6	77.0	76.5
600 - 799	60.8	57.5	59.8	61.7	63.3	58.1	58.4	58.8	56.9	58.5	58.5
800 - 999	50.8	48.0	49.6	51.5	53.2	49.7	48.7	47.6	47.1	48.2	48.3
1,000 - 1,999	173.0	172.1	168.9	179.0	188.0	184.6	172.3	168.3	159.3	164.6	162.9
2,000 - 2,999	99.3	104.9	110.5	113.8	123.5	131.4	124.6	116.1	106.5	110.5	107.5
3,000 - 3,999	61.0	73.5	76.8	82.1	89.6	100.0	102.5	94.1	84.9	87.6	83.2
4,000 - 5,999	75.1	89.7	103.9	110.3	123.7	139.3	156.5	148.6	136.9	139.6	136.0
6,000 - 7,999	43.4	52.2	61.3	72.4	80.3	93.5	109.1	117.5	109.8	107.8	108.3
8,000 - 9,999	27.2	34.4	39.6	46.3	57.6	65.8	79.4	91.7	92.0	88.6	87.6
10,000 - 19,999	50.1	66.3	82.7	97.0	122.2	154.4	193.9	242.5	276.8	284.5	289.3
20,000 - 29,999	13.4	16.9	21.6	27.4	37.0	50.7	67.0	94.4	121.4	134.2	149.9
30,000 & Over	10.0	15.5	21.6	29.3	40.1	55.5	77.9	113.1	160.9	200.6	250.8
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	23.5	22.3	21.3	20.6	18.6	17.1	16.2	14.2	13.6	12.8	11.8
200 - 399	9.6	9.4	9.0	8.7	7.7	6.8	7.0	6.5	6.2	6.1	5.8
400 - 599	6.7	6.3	6.0	5.8	5.5	4.8	4.6	4.3	4.1	4.2	4.0
600 - 799	5.5	4.9	4.8	4.6	4.4	3.8	3.5	3.4	3.2	3.2	3.1
800 - 999	4.6	4.1	4.0	3.8	3.7	3.3	3.0	2.8	2.6	2.6	2.6
1,000 - 1,999	15.7	14.6	13.5	13.3	13.1	12.2	10.4	9.8	9.0	8.9	8.6
2,000 - 2,999	9.0	8.9	8.8	8.5	8.6	8.7	7.6	6.7	6.0	6.0	5.7
3,000 - 3,999	5.5	6.2	6.1	6.1	6.3	6.6	6.2	5.4	4.8	4.7	4.4
4,000 - 5,999	6.8	7.6	8.3	8.2	8.6	9.2	9.5	8.6	7.7	7.5	7.2
6,000 - 7,999	3.9	4.4	4.9	5.4	5.6	6.1	6.6	6.8	6.2	5.8	5.7
8,000 - 9,999	2.5	2.9	3.2	3.5	4.0	4.3	4.8	5.3	5.2	4.8	4.6
10,000 - 19,999	4.5	5.6	6.6	7.2	8.5	10.2	11.8	14.1	15.6	15.4	15.3
20,000 - 29,999	1.2	1.5	1.7	2.0	2.6	3.3	4.1	5.5	6.8	7.2	7.9
30,000 & Over	1.0	1.3	1.8	2.3	2.8	3.6	4.7	6.6	9.0	10.8	13.3

Source : Central Provident Fund Board

3.17 ENROLMENT FOR COURSES CONDUCTED BY THE NATIONAL PRODUCTIVITY BOARD, 1982-1985

Number

	1982	1983	1984	1985
TOTAL	8,788	11,339	12,735	10,262
Management & Supervisory Development	6,204	6,952	7,215	6,410
Diploma Programmes	956	869	1,075	924
Management Development	956	869	1,075	924
Certificate Programmes	856	825	1,597	1,698
Functional Management	71	78	169	542
People Management	-	89	162	185
Supervisory Management	785	658	1,266	971
Management Skills Programmes	4,392	5,258	4,543	3,788
People Management	720	811	661	877
Functional Management	1,111	1,471	1,231	327
Supervisory Development	2,561	2,976	2,423	388
Productivity Training	-	-	228	2,196
Labour-Management Relations	1,228	2,195	3,131	2,238
Quality Control Circles	1,117	1,548	2,060	1,503
Work Excellence	111	240	479	163
Joint NPB-NTUC Union Leaders Training	-	376	436	210
Teambuilding for Higher Productivity	-	31	156	272
Labour-Management Relations Practices	-	-	-	20
Total Quality Control	-	-	-	28
Joint Consultation	-	-	-	42
Others	1,356	2,192	2,389	1,614
Occupational Safety & Health	1,308	2,085	2,135	1,572
National Productivity Association	48	107	181	-
Productivity Education Programme	-	-	73	42

Source : National Productivity Board

3.18 PARTICIPANTS IN SEMINARS AND WORKSHOPS, 1982-1985

	Number			
	1982	1983	1984	1985
Total	6,280	18,264	23,172	17,906
Management & Supervisory Development	987	3,087	3,075	2,198
Quality Control Circles	4,933	11,234	15,430	10,914
Labour Management Co-operation	167	2,881	2,463	3,216
Others (including Occupational Safety & Health)	193	1,062	2,204	1,578

Source : National Productivity Board

3.19 QUALITY CONTROL CIRCLES, 1982-1985

	Number											
	1982			1983			1984			1985		
	Total	Feb-Jul	Jul-Dec	Total	Jan-Jun	Jul-Dec	Total	Jan-Jun	Jul-Dec	Total	Jan-Jun	Jul-Dec
Registered Quality Control Circles	354	221	133	1,106	717	389	1,074	637	437	985	574	411
Organisations (Companies, Government Bodies, & Statutory Boards)	44	32	12	54	40	14	30	22	8	15	7	8
Membership	2,682	1,653	1,029	8,179	5,256	2,923	7,862	4,321	3,541	6,947	4,086	2,861

Source : National Productivity Board

3.20 TRADE UNIONS AND MEMBERSHIP

Number

Year	Employee Class		Employer Class	
	Unions	Members	Unions	Members
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
1985	84	201,132	5	1,170

Source : Ministry of Labour

3.21 INDUSTRIAL STOPPAGES AND TRADE DISPUTES

Year	Industrial Stoppages			Trade Disputes ¹
	Number	Workers Involved	Man-days Lost	Number
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
1985	-	-	-	340

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

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

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985*
Total Gross Domestic Product	13,373	14,575	15,969	17,751	20,452	24,620	29,299	32,614	36,480	40,030	38,448
Share of Resident Foreigners & Resident Foreign Companies in GDP	3,059	3,289	3,431	4,616	6,220	7,537	8,399	8,945	9,363	10,284	9,968
Indigenous GDP	10,314	11,286	12,538	13,135	14,232	17,083	20,900	23,669	27,117	29,746	28,480
Net Factor Receipts of Singaporeans from Rest of the World	747	711	743	911	1,287	1,491	1,731	2,018	2,186	2,692	3,252
Indigenous GNP	11,061	11,997	13,281	14,046	15,519	18,574	22,631	25,687	29,303	32,438	31,732
Per Capita Indigenous GNP (S\$)	5,089	5,461	5,979	6,267	6,860	8,139	9,751	10,891	12,226	13,344	12,865

4.2 OUTPUT, SAVING AND INVESTMENT

(At Current Market Prices)

Million Dollars

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985*
Gross National Product											
Gross National Product at Market Prices	13,496.5	14,493.9	15,781.6	17,707.6	20,373.4	23,717.5	28,150.8	31,720.1	35,801.7	39,848.3	39,012.1
Gross Domestic Product at Factor Cost	12,507.2	13,586.2	14,846.7	16,474.9	18,904.9	22,800.9	27,126.3	30,134.8	33,466.8	36,520.1	35,138.0
Indirect Taxes	865.8	989.0	1,122.2	1,275.7	1,547.4	1,818.8	2,172.7	2,479.5	3,012.9	3,509.5	3,310.4
Net Factor Income from Abroad	123.5	-81.3	-187.3	-43.0	-78.9	-902.2	-1,148.2	-894.2	-678.0	-181.3	563.7
Generation of Gross National Saving											
Gross National Saving	3,850.9	4,441.2	4,904.4	5,649.0	6,946.6	7,868.3	10,298.1	12,610.7	15,214.9	17,645.2	15,954.4
Gross Domestic Saving	3,819.7	4,643.6	5,200.0	5,780.4	7,101.6	8,879.8	11,576.3	13,750.0	16,282.3	18,266.6	15,770.6
Gross Domestic Product at Market Prices	13,373.0	14,575.2	15,968.9	17,750.6	20,452.3	24,619.7	29,299.0	32,614.3	36,479.7	40,029.6	38,448.4
Less : Private & Government Consumption Expenditure	9,543.7	10,147.4	10,984.9	12,113.8	13,278.8	15,358.7	17,117.9	18,852.9	20,197.4	21,702.6	22,298.9
Statistical Discrepancy	-9.6	215.8	216.0	143.6	-71.9	-381.2	-604.8	-11.4	-	-60.4	-378.9
Net Factor Income from Abroad	123.5	-81.3	-187.3	-43.0	-78.9	-902.2	-1,148.2	-894.2	-678.0	-181.3	563.7
Net Transfers from Abroad	-92.3	-121.1	-108.3	-88.4	-76.1	-109.3	-130.0	-245.1	-389.4	-440.1	-379.9
Finance of Gross Domestic Capital Formation											
Gross Domestic Capital Formation	5,236.1	5,843.0	5,624.2	6,678.0	8,546.7	11,095.6	13,209.8	15,190.6	16,946.1	19,196.2	16,510.2
Gross National Saving	3,850.9	4,441.2	4,904.4	5,649.0	6,946.6	7,868.3	10,298.1	12,610.7	15,214.9	17,645.2	15,954.4
Net Borrowing from Abroad	1,385.2	1,401.8	719.8	1,029.0	1,600.1	3,227.3	2,911.7	2,579.9	1,731.2	1,551.0	555.8

4.3 GROSS DOMESTIC PRODUCT BY INDUSTRY

Million Dollars

Industry	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985*
At Current Market Prices											
Total	13,373.0	14,575.2	15,968.9	17,750.6	20,452.3	24,619.7	29,299.0	32,614.3	36,479.7	40,029.6	38,448.4
Agriculture & Fishing	254.2	256.8	283.1	273.7	295.2	322.0	356.2	349.1	349.7	357.9	308.6
Quarrying	47.1	56.2	49.1	38.4	42.9	82.7	105.2	128.9	143.0	132.4	112.8
Manufacturing	3,226.2	3,611.5	4,020.7	4,620.9	5,766.7	7,005.0	8,531.1	8,340.6	8,930.5	9,895.7	9,233.8
Utilities	250.2	273.7	291.9	351.5	424.7	557.8	484.9	601.4	703.2	773.6	804.7
Construction	1,084.0	1,205.1	1,200.3	1,122.2	1,242.6	1,624.4	2,178.8	3,164.8	4,224.8	4,962.6	4,237.3
Commerce	3,608.0	3,815.2	4,232.1	4,631.0	5,135.9	5,717.9	6,289.4	6,921.6	7,286.2	7,490.7	7,106.2
Transport & Communications	1,517.6	1,795.5	2,123.6	2,616.8	2,920.3	3,595.6	4,139.9	4,570.9	5,057.1	5,626.6	5,489.4
Financial & Business Services	2,123.7	2,233.0	2,349.9	2,581.6	3,144.4	4,296.0	5,755.9	6,653.9	7,579.8	8,638.9	8,803.1
Other Services	1,576.1	1,679.4	1,746.8	1,911.9	2,149.1	2,402.4	2,808.3	3,511.5	4,001.2	4,473.4	4,825.0
Less : Imputed Bank Service Charge	542.2	611.6	632.7	737.6	1,039.2	1,410.9	1,778.6	2,109.9	2,306.8	2,836.3	2,940.6
Add : Import Duties	228.1	260.4	304.1	340.2	369.7	426.8	427.9	481.5	511.0	514.1	468.1
At 1968 Market Prices											
Total	8,790.3	9,447.4	10,193.2	11,074.0	12,114.1	13,366.5	14,695.2	15,627.5	16,869.8	18,261.5	17,928.6
Agriculture & Fishing	139.9	154.9	156.5	155.4	160.7	164.5	165.8	155.6	158.3	164.3	144.8
Quarrying	39.2	43.1	42.0	36.4	41.5	44.9	58.4	73.8	89.1	87.6	80.9
Manufacturing	1,879.5	2,084.6	2,261.4	2,507.1	2,873.3	3,183.4	3,486.4	3,322.4	3,416.8	3,750.3	3,494.5
Utilities	223.3	244.4	276.1	326.1	355.8	381.1	407.6	423.0	457.5	491.7	516.5
Construction	533.9	591.3	578.4	536.1	575.0	630.3	741.4	1,036.2	1,340.8	1,554.7	1,350.2
Commerce	2,372.6	2,450.8	2,642.9	2,827.5	3,035.6	3,263.1	3,452.4	3,661.9	3,836.3	4,054.1	3,978.8
Transport & Communications	1,230.7	1,399.3	1,629.9	1,885.3	2,149.3	2,440.7	2,781.6	3,070.0	3,308.6	3,626.1	3,724.0
Financial & Business Services	1,491.4	1,573.2	1,651.9	1,769.7	1,988.7	2,472.2	2,941.9	3,222.0	3,626.4	4,115.9	4,249.7
Other Services	1,115.6	1,171.7	1,208.2	1,305.6	1,384.2	1,441.7	1,533.2	1,693.4	1,849.8	1,938.2	1,988.9
Less : Imputed Bank Service Charge	387.4	429.5	435.7	471.3	660.9	893.6	1,102.2	1,283.2	1,460.7	1,770.6	1,829.9
Add : Import Duties	151.6	163.6	181.6	196.1	210.9	238.2	228.7	252.4	246.9	249.2	230.2

4.4 QUARTERLY GROSS DOMESTIC PRODUCT BY INDUSTRY

(At 1968 Market Prices)

Million Dollars

Period	Total	Agriculture & Fishing	Quarrying	Manufacturing	Utilities	Construction	Commerce	Transport & Communications	Financial & Business Services	Other Services	Less Imputed Bank Service Charge	Add Import Duties
1980												
1st Qtr	3,178.6	40.0	9.1	731.2	89.9	147.7	770.6	583.4	589.8	361.2	207.7	63.4
2nd Qtr	3,256.9	40.3	10.9	794.4	94.9	158.1	783.0	588.4	604.2	352.4	221.6	51.9
3rd Qtr	3,411.3	41.0	11.9	814.8	98.0	156.7	833.0	637.5	628.1	358.3	228.4	60.4
4th Qtr	3,519.7	43.2	13.0	843.0	98.3	167.8	876.5	631.4	650.1	369.8	235.9	62.5
1981												
1st Qtr	3,480.7	42.2	13.7	800.3	94.6	158.8	826.5	653.4	698.1	382.0	253.7	64.8
2nd Qtr	3,605.0	40.0	14.2	891.7	101.8	173.9	826.0	674.8	720.4	374.5	261.5	49.2
3rd Qtr	3,765.9	41.2	14.2	899.3	106.0	188.7	878.1	722.6	759.3	378.7	276.1	53.9
4th Qtr	3,843.6	42.4	16.3	895.1	105.2	220.0	921.8	730.8	764.1	398.0	310.9	60.8
1982												
1st Qtr	3,756.2	40.0	15.5	825.9	98.5	216.9	886.1	739.9	763.1	408.3	303.4	65.4
2nd Qtr	3,837.5	37.9	16.8	853.6	106.1	250.2	876.7	760.8	792.5	412.7	326.1	56.3
3rd Qtr	3,964.1	38.7	20.0	837.9	109.5	275.0	928.1	783.7	812.7	427.8	331.2	61.9
4th Qtr	4,069.7	39.0	21.5	805.0	108.9	294.1	971.0	785.6	853.7	444.6	322.5	68.8
1983												
1st Qtr	3,993.3	40.1	22.0	773.8	104.0	285.3	924.8	788.5	872.3	463.7	345.4	64.2
2nd Qtr	4,141.9	38.4	22.5	846.9	116.5	333.2	915.0	818.9	904.2	448.5	360.9	58.7
3rd Qtr	4,292.5	39.6	21.4	879.5	119.5	347.3	971.1	844.3	917.7	461.9	370.0	60.2
4th Qtr	4,442.1	40.2	23.2	916.6	117.5	375.0	1,025.4	856.9	932.2	475.7	384.4	63.8
1984												
1st Qtr	4,415.7	40.2	20.5	873.7	114.2	376.5	978.8	869.6	1,001.4	498.5	425.4	67.7
2nd Qtr	4,514.3	40.4	21.5	958.4	123.4	391.2	958.2	917.6	1,008.2	476.8	438.1	56.0
3rd Qtr	4,626.1	40.3	23.1	959.8	126.9	398.2	1,020.4	915.7	1,048.1	482.8	452.5	63.3
4th Qtr	4,705.4	43.4	22.5	958.4	127.2	388.8	1,096.7	923.2	1,058.2	480.1	454.6	61.5
1985*												
1st Qtr	4,538.7	39.9	20.9	849.6	124.4	381.0	1,017.0	911.6	1,046.6	522.0	442.3	68.0
2nd Qtr	4,461.9	35.5	20.7	897.5	130.7	336.4	972.0	928.1	1,046.1	483.3	439.1	50.7
3rd Qtr	4,475.1	34.4	21.4	889.6	131.2	338.9	974.5	931.4	1,075.1	489.4	466.7	55.9
4th Qtr	4,452.9	35.0	17.9	857.8	130.2	293.9	1,015.3	952.9	1,081.9	494.2	481.8	55.6

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

Industry	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985*
Total	152.1	154.3	156.7	160.3	168.8	184.2	199.4	208.7	216.2	219.2	214.5
Agriculture & Fishing	181.7	165.8	180.9	176.1	183.7	195.7	214.8	224.4	220.9	217.8	213.1
Quarrying	120.2	130.4	116.9	105.5	103.4	184.2	180.1	174.7	160.5	151.1	139.4
Manufacturing	171.7	173.2	177.8	184.3	200.7	220.0	244.7	251.0	261.4	263.9	264.2
Utilities	112.0	112.0	105.7	107.8	119.4	146.4	119.0	142.2	153.7	157.3	155.8
Construction	203.0	203.8	207.5	209.3	216.1	257.7	293.9	305.4	315.1	319.2	313.8
Commerce	152.1	155.7	160.1	163.8	169.2	175.2	182.2	189.0	189.9	184.8	178.6
Transport & Communications	123.3	128.3	130.3	138.8	135.9	147.3	148.8	148.9	152.8	155.2	147.4
Financial & Business Services	142.4	141.9	142.3	145.9	158.1	173.8	195.7	206.5	209.0	209.9	207.1
Other Services	141.3	143.3	144.6	146.4	155.3	166.6	183.2	207.4	216.3	230.8	242.6

4.6 EXPENDITURE ON GROSS DOMESTIC PRODUCT

Million Dollars

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985*
	At Current Market Prices										
Total	13,373.0	14,575.2	15,968.9	17,750.6	20,452.3	24,619.7	29,299.0	32,614.3	36,479.7	40,029.6	38,448.4
Private Consumption Expenditure	8,120.7	8,605.9	9,268.6	10,149.1	11,245.2	12,911.3	14,329.3	15,282.5	16,202.1	17,383.8	17,186.7
Government Consumption Expenditure	1,423.0	1,541.5	1,716.3	1,964.7	2,033.6	2,447.4	2,788.6	3,570.4	3,995.3	4,318.8	5,112.2
Gross Domestic Fixed Capital Formation	4,698.4	5,149.1	5,282.8	6,085.7	7,166.4	9,671.1	12,166.3	15,037.5	17,281.1	18,801.1	15,952.3
Increase in Stocks	537.7	693.9	341.4	592.3	1,380.3	1,424.5	1,043.5	153.1	-335.0	395.1	557.9
Less : Net Imports of Goods & Services	1,416.4	1,199.4	424.2	897.6	1,445.1	2,215.8	1,633.5	1,440.6	663.8	929.6	739.6
Statistical Discrepancy	9.6	-215.8	-216.0	-143.6	71.9	381.2	604.8	11.4	-	60.4	378.9
	At 1968 Market Prices										
Total	8,790.3	9,447.4	10,193.2	11,074.0	12,114.1	13,366.5	14,695.2	15,627.5	16,869.8	18,261.5	17,928.6
Private Consumption Expenditure	5,599.2	5,895.9	6,220.2	6,636.1	7,101.5	7,577.1	8,005.2	8,390.5	8,857.8	9,336.1	9,280.1
Government Consumption Expenditure	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	1,786.1	2,134.4
Gross Domestic Fixed Capital Formation	2,766.3	2,908.6	2,952.2	3,333.0	3,740.9	4,494.1	5,249.9	6,431.8	7,011.1	7,575.1	6,588.5
Increase in Stocks	304.9	379.1	178.4	304.8	605.0	518.4	277.3	87.6	-57.9	78.3	134.2
Less : Net Imports of Goods & Services	920.5	771.4	305.5	521.7	570.8	605.6	363.9	791.9	591.2	344.0	200.5
Statistical Discrepancy	73.5	19.9	39.0	85.3	18.8	44.6	118.3	-52.5	-70.6	-170.1	-8.1

4.7 DEFLATORS OF EXPENDITURE ON GROSS DOMESTIC PRODUCT

(1968 = 100)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985*
Total	152.1	154.3	156.7	160.3	168.8	184.2	199.4	208.7	216.2	219.2	214.5
Private Consumption Expenditure	145.0	146.0	149.0	152.9	158.3	170.4	179.0	182.1	182.9	186.2	185.2
Government Consumption Expenditure	147.2	151.8	154.8	158.9	166.9	182.9	198.0	228.6	232.2	241.8	239.5
Gross Domestic Fixed Capital Formation	169.8	177.0	178.9	182.6	191.6	215.2	231.7	233.8	246.5	248.2	242.1
Exports of Goods & Services	178.9	190.9	198.6	202.5	225.2	260.2	276.0	278.8	263.0	244.0	238.8
Imports of Goods & Services	177.0	188.9	197.4	201.6	226.0	262.9	278.6	275.8	259.7	244.3	239.8

4.8 PRIVATE CONSUMPTION EXPENDITURE

Million Dollars

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985*
Total	At Current Market Prices										
	8,120.7	8,605.9	9,268.6	10,149.1	11,245.2	12,911.3	14,329.3	15,282.5	16,202.1	17,383.8	17,186.7
Food & Beverages	2,648.8	2,733.7	2,967.0	3,163.4	3,476.6	3,997.5	4,561.8	4,800.1	4,932.0	5,185.9	5,177.7
Clothing & Footwear	748.2	809.2	877.2	979.9	1,117.0	1,240.7	1,408.4	1,555.2	1,681.8	1,652.8	1,568.5
Rent & Utilities	920.5	1,007.4	1,067.6	1,129.9	1,219.7	1,390.4	1,493.1	1,623.4	1,745.3	1,966.3	2,155.1
Furniture & Household Equipment	813.8	857.9	926.3	1,006.6	1,114.5	1,322.9	1,525.8	1,602.1	1,719.3	1,890.0	1,963.3
Medical Services	249.1	269.3	298.3	326.4	350.9	411.7	445.3	502.8	567.4	643.1	689.6
Transport & Communications	1,005.9	1,119.8	1,325.4	1,526.0	1,820.4	2,198.3	2,345.5	2,560.2	2,743.1	2,850.5	2,692.8
Recreation & Education	1,013.7	1,056.6	1,144.7	1,379.4	1,647.7	1,802.7	2,153.8	2,229.1	2,421.0	2,431.9	2,328.6
Other Goods & Services	1,693.7	1,805.1	1,942.9	2,205.5	2,565.0	3,133.1	3,638.4	3,684.4	3,829.6	3,877.5	3,551.8
Add : Residents' Expenditure Abroad	332.4	357.9	397.5	440.1	475.2	585.7	651.2	843.3	973.4	1,049.5	1,104.0
Less : Non-residents' Expenditure Locally	1,305.4	1,411.0	1,678.3	2,008.1	2,541.8	3,171.7	3,894.0	4,118.1	4,410.8	4,163.7	4,044.7
Total	At 1968 Market Prices										
	5,599.2	5,895.9	6,220.2	6,636.1	7,101.5	7,577.1	8,005.2	8,390.5	8,857.8	9,336.1	9,280.1
Food & Beverages	1,690.2	1,802.2	1,887.4	1,961.6	2,098.4	2,245.5	2,337.5	2,368.0	2,415.9	2,505.3	2,524.8
Clothing & Footwear	519.0	553.9	598.8	651.7	718.1	793.8	906.2	986.8	1,033.1	1,031.0	988.7
Rent & Utilities	604.3	635.6	668.2	700.8	726.7	756.6	786.0	823.9	870.6	972.5	1,036.7
Furniture & Household Equipment	556.6	574.1	593.0	615.0	658.0	751.8	834.3	840.1	893.4	989.0	1,024.6
Medical Services	172.1	182.3	201.0	211.3	220.4	229.5	234.7	252.1	258.2	269.0	281.1
Transport & Communications	732.9	786.1	919.1	1,028.1	1,180.1	1,307.8	1,383.8	1,431.4	1,499.5	1,478.3	1,361.5
Recreation & Education	799.6	819.8	879.2	1,007.0	1,178.1	1,300.7	1,547.6	1,713.8	1,961.0	1,973.2	1,959.1
Other Goods & Services	1,195.4	1,263.4	1,333.0	1,485.8	1,626.8	1,750.3	1,834.1	1,879.3	1,985.6	2,039.4	1,936.9
Add : Residents' Expenditure Abroad	229.2	245.2	266.8	287.8	300.1	328.5	342.9	421.1	466.3	493.3	518.8
Less : Non-residents' Expenditure Locally	900.1	966.7	1,126.3	1,313.0	1,605.2	1,887.4	2,201.9	2,326.0	2,525.8	2,414.9	2,352.1

4.9 GROSS DOMESTIC FIXED CAPITAL FORMATION

Million Dollars

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985*
At Current Market Prices											
Total	4,698.4	5,149.1	5,282.8	6,085.7	7,166.4	9,671.1	12,166.3	15,037.5	17,281.1	18,801.1	15,952.3
Construction & Works	2,120.6	2,375.5	2,392.2	2,466.0	2,913.9	4,240.3	5,950.5	8,075.0	10,759.0	11,863.9	9,520.5
Residential Buildings	1,051.4	1,180.1	1,232.0	1,015.3	988.0	1,392.2	1,938.7	3,225.1	5,454.3	6,584.9	5,059.7
Non-residential Buildings	648.7	679.1	670.4	963.4	1,405.3	2,047.5	3,116.3	3,878.3	4,288.2	4,119.0	3,106.5
Other Construction & Works	420.5	516.3	489.8	487.3	520.6	800.6	895.5	971.6	1,016.5	1,160.0	1,354.3
Transport Equipment	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	2,368.4	2,022.9
Machinery & Equipment	1,844.3	1,738.9	1,621.3	2,093.8	2,296.6	3,144.4	4,028.9	4,389.6	4,123.4	4,568.8	4,408.9
At 1968 Market Prices											
Total	2,766.3	2,908.6	2,952.2	3,333.0	3,740.9	4,494.1	5,249.9	6,431.8	7,011.1	7,575.1	6,588.5
Construction & Works	1,002.0	1,101.2	1,110.8	1,122.4	1,253.7	1,521.6	1,940.4	2,706.8	3,612.5	4,022.5	3,263.0
Residential Buildings	496.8	547.1	585.3	480.1	448.8	505.9	648.8	1,125.8	1,855.5	2,223.2	1,712.8
Non-residential Buildings	306.3	314.7	303.7	433.1	593.2	731.7	1,003.4	1,271.5	1,429.3	1,415.9	1,090.8
Other Construction & Works	198.9	239.4	221.8	209.2	211.7	284.0	288.2	309.5	327.7	383.4	459.4
Transport Equipment	516.2	704.3	833.1	964.1	1,147.4	1,291.1	1,219.0	1,431.8	1,227.8	1,127.1	948.8
Machinery & Equipment	1,248.1	1,103.1	1,008.3	1,246.5	1,339.8	1,681.4	2,090.5	2,293.2	2,170.8	2,425.5	2,376.7

4.10 BALANCE OF PAYMENTS

Million Dollars

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985*
A Goods & Services (Net)	-1,292.9	-1,280.7	-611.5	-940.6	-1,524.0	-3,118.0	-2,781.7	-2,334.8	-1,341.8	-1,110.9	-175.9
Exports of Goods & Services	19,625.7	23,194.0	27,396.8	31,331.2	40,553.0	54,040.8	62,042.4	65,027.5	65,548.3	67,862.8	65,421.5
Merchandise incl Non-monetary Gold	12,117.5	15,363.2	18,893.9	21,799.6	29,140.0	38,969.6	41,539.3	41,590.6	43,168.0	48,340.9	47,303.2
Freight & Insurance	240.2	351.6	480.2	655.5	910.1	1,179.7	1,387.8	1,471.5	1,472.2	1,598.9	1,554.0
Travel	1,119.2	1,266.4	1,517.9	1,843.6	2,439.0	3,068.4	3,786.4	4,034.2	4,214.8	3,965.0	3,859.2
Investment Income	899.6	912.7	954.8	1,199.6	1,751.8	2,401.1	2,307.5	2,658.7	2,729.8	3,311.8	3,919.1
Government nie	180.8	95.7	100.0	104.2	108.0	174.1	206.2	223.0	214.0	232.4	218.0
Other Transportation & Services nie	5,068.4	5,204.4	5,450.0	5,728.7	6,204.1	8,607.9	12,815.2	15,049.5	13,749.5	10,413.8	8,568.0
Imports of Goods & Services	20,918.6	24,474.7	28,008.3	32,271.8	42,077.0	57,158.8	64,824.1	67,362.3	66,890.1	68,973.7	65,597.4
Merchandise incl Non-monetary Gold	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	57,025.1	53,981.0
Freight & Insurance	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	3,201.9	3,031.7
Travel	400.4	432.4	481.6	534.4	590.9	712.6	791.2	1,027.8	1,187.4	1,282.3	1,352.8
Investment Income	817.8	1,012.0	1,158.7	1,259.1	1,847.0	2,960.0	3,473.8	3,570.2	3,425.8	3,512.2	3,373.8
Government nie	15.6	18.3	23.2	18.5	26.2	47.3	54.9	66.4	75.3	81.0	79.6
Other Transportation & Services nie	793.3	985.2	1,255.5	1,537.0	2,009.8	2,825.2	3,125.0	3,362.7	3,650.7	3,871.2	3,778.5
Trade Balance	-5,692.7	-5,495.0	-4,839.4	-5,694.2	-6,632.0	-8,994.5	-12,936.5	-14,470.1	-12,304.1	-8,684.2	-6,677.8
Balance of Services	4,399.8	4,214.3	4,227.9	4,753.6	5,108.0	5,876.5	10,154.8	12,135.3	10,962.3	7,573.3	6,501.9
B Unrequited Transfers (Net)	-92.3	-121.1	-108.3	-88.4	-76.1	-109.3	-130.0	-245.1	-389.4	-440.1	-379.9
Private	-91.4	-113.0	-99.5	-81.1	-67.3	-97.6	-105.0	-216.6	-359.9	-412.3	-349.5
Government	-0.9	-8.1	-8.8	-7.3	-8.8	-11.7	-25.0	-28.5	-29.5	-27.8	-30.4
Current Account Balance	-1,385.2	-1,401.8	-719.8	-1,029.0	-1,600.1	-3,227.3	-2,911.7	-2,579.9	-1,731.2	-1,551.0	-555.8
C Capital (Net)	1,374.4	2,097.7	1,480.2	2,303.8	2,169.7	3,388.3	4,578.5	4,940.6	5,654.9	4,130.0	1,530.1
Non-monetary Sector (Net)	1,586.2	1,892.0	1,269.3	1,634.9	2,570.0	3,096.7	3,583.6	4,224.7	2,828.9	2,529.8	2,520.1
Private	1,565.3	1,791.3	969.8	1,622.6	2,605.1	3,129.4	3,616.4	4,256.6	3,008.5	2,554.8	2,545.2
Official	20.9	100.7	299.5	12.3	-35.1	-32.7	-32.8	-31.9	-179.6	-25.0	-25.1
Monetary Sector (Net)	-211.8	205.7	210.9	668.9	-400.3	291.6	994.9	715.9	2,826.0	1,600.2	-990.0
Commercial Banks : Foreign Assets ¹	-464.1	-855.2	-636.0	-870.6	-2,118.2	-778.4	-3,772.5	833.8	-1,690.3	-4,751.9	-3,030.0
Foreign Liabilities	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	2,040.0
D Allocation of Special Drawing Rights	-	-	-	-	14.3	14.5	17.6	-	-	-	-
E Balancing Items	977.2	41.5	2.9	236.7	553.4	1,258.3	254.0	156.8	-1,686.0	651.6	1,996.6
F Overall Balance (A+B+C+D+E)	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	2,970.9
G Official Reserves (Net)¹	-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	-2,970.9
Special Drawing Rights	-	-	-	-	-34.4	-8.3	-32.9	-51.9	-23.4	3.6	-17.6
Reserve Position in the Fund	-	-	-	-10.8	-23.5	-64.3	-46.9	-10.1	-1.8	-1.3	-26.0
Foreign Exchange Assets	-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	-2,927.3

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

5 AGRICULTURE, LIVESTOCK AND FISHERIES

General

The agricultural sector of Singapore is engaged mainly in the production of vegetables, pigs, poultry, eggs and fish. About 7.6 per cent of Singapore's land area is used for agricultural purposes. While there are specialised, commercial-scale pig and poultry farms and nurseries, most of the other farms carry out mixed farming.

Horticulture

The more important horticultural crops are vegetables and orchids. Vegetable cultivation is highly intensive, producing leafy vegetables like cai xin, gai lan, weng cai and xian cai. Local vegetable production meets only about 15 per cent of total consumption.

A number of nurseries and farms grow orchids for export as cut-flowers, as well as ornamental foliage plants. Singapore is world renowned for her exotic orchids, exporting \$11.6 million worth of cut orchid

flowers in 1985. There are few orchards in Singapore. Many farms grow fruit trees as part of their mixed farming, both for production and for shade.

Livestock

Rearing pigs and poultry is the most important farming activity in Singapore, accounting for more than two-thirds of the value of primary production. Domestic production meets about 82 per cent of pork, 47 per cent of poultry meat and 73 per cent of hen eggs consumed in Singapore. However, pig farming is being phased out because of environmental pollution. Eventually domestic demand for pork will be met entirely by imports of live pigs and frozen pork from both nearby and distant countries.

Local farms and hatcheries export day-old chicks to countries in the region. In 1985, about \$6.8 million worth of chicks were exported.

Livestock are slaughtered at the Jurong and Kim Chuan Abattoirs under close supervision of the

Veterinary Division of the Primary Production Department.

Fisheries

There were 446 fishing vessels, of which 415 were powered and 31 non-powered. Local fish production accounts for about 25 per cent of total consumption. In 1985, 22,761 tonnes of fish were landed by local fishing vessels which were mainly otter-trawlers based at Punggol and Jurong. A total of 102,139 tonnes of fish were imported in 1985, by trucks from Malaysia and Thailand, and by sea and air from other neighbouring countries.

The Jurong Fishing Port and Central Fish Market Complex plays an important role as a major fish landing point in Singapore. In 1985 the complex handled 90,794 tonnes of fresh fish. The Punggol Fishing Port and Wholesale Fish Market Complex handled 21,661 tonnes, landed mainly by local fishing vessels.

There are 60 licensed marine fish farms covering a total of 31 hectares of coastal waters, culturing high-value fish like groupers and seabass.

Singapore is a major exporter of aquarium fish, exporting \$40.8 million worth of aquarium fish and \$4.2 million worth of aquatic plants in 1985.

5.1 PRODUCTION OF PRINCIPAL CROPS

Year	Vegetables	Fruits	Sugar Cane	Rubber	Tobacco	Coconuts
	Tonnes					Million Nuts
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
1985	28,648	5,610	370	-	16	2

Source : Primary Production Department

5.2 LIVESTOCK SLAUGHTERED

Number

Year	Swine	Sheep	Oxen	Buffaloes	Goats
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
1985	1,093,272	53,579	1,383	77	121

Source : Primary Production Department

5.3 FRESH FISH SUPPLY AND AUCTIONED

Tonnes

Year	Supply				Fish Auctioned
	Total	Local Production ¹	Imports	Exports	
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
1985	68,059	22,761	102,139	56,841	112,290

¹ Figures exclude pond fish production.

Source : Primary Production Department

6 INDUSTRIAL PRODUCTION

The main source of data on industrial production is the annual survey of industrial production conducted by the Department of Statistics, which is based on the output of the manufacturing sector.

Workable - This includes all products produced directly or indirectly by the industrial sector of the economy, that is, all products, whether

6 INDUSTRIAL PRODUCTION

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					
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	3,675	276,225	29,224.2	41,704.1	11,268.9	4,073.6	2,191.3	25,331.6
1985*	3,617	265,926	27,149.5	38,937.8	10,657.4	4,114.2		23,661.7

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				
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	40,796	150,979	27.0	36.1	9.8	61.0	60.7
1985*	40,077	146,423	27.4	38.6	10.6	..	60.8

Note : See notes to Table 6.1.

6.3 INDUSTRIAL ESTABLISHMENTS BY INDUSTRY

Number

Industrial Code	Industry	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985*
311/2	Food	237	234	232	254	268	278	274	283	289	301	296
313	Beverage	15	14	14	14	14	16	17	16	16	14	14
314	Tobacco Products	9	9	9	8	8	8	6	6	6	4	4
321	Textiles & Textile Manufactures	72	72	69	79	93	99	94	95	87	80	72
322	Wearing Apparel except Footwear	252	257	300	345	365	374	374	406	391	387	375
323	Leather & Leather Products	29	30	34	44	42	42	40	43	37	38	33
324	Footwear	34	38	38	48	55	55	57	53	51	57	51
331	Sawn Timber & Other Wood Products except Furniture	147	133	127	134	133	131	132	119	110	104	101
332	Furniture & Fixtures except primarily of Metal, Stone & Plastics	58	63	70	94	107	117	117	125	127	142	151
341	Paper & Paper Products	74	79	80	86	94	93	95	92	88	86	83
342	Printing & Publishing	207	222	236	261	270	289	295	319	321	326	313
351	Industrial Chemicals & Gases	27	29	27	29	34	45	44	48	50	56	55
352	Paints, Pharmaceuticals & Other Chemical Products	83	86	86	88	85	89	86	84	85	90	90
353/4	Petroleum Refineries & Petroleum Products	11	11	12	11	10	10	11	11	11	12	12
355	Processing of Jelutong & Gum Damar	7	6	6	5	5	5	5	6	7	7	7
356	Rubber Products except Footwear & Toys	28	27	25	24	27	27	30	28	29	31	29
357	Plastic Products	126	137	160	175	184	195	209	214	215	224	215
361/2	Pottery, China, Earthenware & Glass Products	10	12	12	11	12	13	13	11	10	13	13
363	Structural Clay Products	12	12	12	9	9	9	9	11	11	11	11
364	Cement	4	5	5	5	5	5	5	5	5	5	6

6.3 INDUSTRIAL ESTABLISHMENTS BY INDUSTRY (continued)

Number

Industrial Code	Industry	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985*
365	Structural Cement & Concrete Products	24	26	26	28	28	34	38	40	49	52	53
369	Non-metallic Mineral Products	20	21	22	23	23	28	24	21	25	28	29
371	Iron & Steel	16	15	15	15	16	17	17	16	15	15	15
372	Non-ferrous Metals	6	5	7	8	10	12	11	16	18	20	20
381	Fabricated Metal Products except Machinery & Equipment	237	244	261	305	310	338	371	413	426	435	425
382	Machinery except Electrical & Electronic	204	236	226	259	274	295	319	314	341	349	360
383	Electrical Machinery, Apparatus, Appliances & Supplies	87	99	105	115	117	119	113	114	112	110	114
384	Electronic Products & Components	63	74	90	101	141	172	185	186	203	214	212
385	Transport Equipment	157	183	202	223	216	253	261	295	291	252	250
386	Instrumentation Equipment, Photographic & Optical Goods	32	36	37	41	47	55	52	48	46	46	44
390	Other Manufacturing Industries	97	90	93	104	120	132	135	148	144	139	137
	Total Manufacturing excluding Rubber Processing	2,385	2,505	2,638	2,946	3,122	3,355	3,439	3,586	3,616	3,648	3,590
	Rubber Processing	20	19	17	16	15	14	12	11	10	8	8
	Total Manufacturing including Rubber Processing	2,405	2,524	2,655	2,962	3,137	3,369	3,451	3,597	3,626	3,656	3,598
	Granite Quarrying	19	21	19	17	19	22	20	20	17	19	19
	TOTAL	2,424	2,545	2,674	2,979	3,156	3,391	3,471	3,617	3,643	3,675	3,617

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

6.4 INDUSTRIAL OUTPUT BY INDUSTRY

Million Dollars

Industrial Code	Industry	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985*
311/2	Food	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	2,241.1	2,217.9
313	Beverage	130.5	150.7	168.3	205.5	219.7	249.1	327.2	317.1	318.1	309.5	335.5
314	Tobacco Products	144.5	153.6	166.4	171.1	166.0	171.3	193.6	219.3	206.6	184.5	185.0
321	Textiles & Textile Manufactures	259.7	359.9	346.6	352.6	425.8	488.8	422.1	323.7	272.1	251.6	182.5
322	Wearing Apparel except Footwear	286.1	406.1	479.5	633.1	737.0	848.4	924.7	929.0	938.9	1,084.9	1,019.8
323	Leather & Leather Products	22.0	31.1	44.2	50.4	51.4	47.0	49.6	47.3	41.2	40.1	31.8
324	Footwear	30.3	33.9	30.8	34.7	51.5	53.6	54.9	45.3	44.2	46.9	30.2
331	Sawn Timber & Other Wood Products except Furniture	311.5	422.0	437.4	550.2	796.1	749.8	641.0	532.1	468.0	399.3	357.0
332	Furniture & Fixtures except primarily of Metal, Stone & Plastics	48.7	61.3	79.1	116.9	160.9	227.5	277.1	259.8	282.5	353.1	368.3
341	Paper & Paper Products	96.8	114.8	127.3	158.7	209.2	272.7	302.2	326.1	331.3	372.5	367.9
342	Printing & Publishing	225.2	290.2	335.6	375.5	431.2	550.4	674.3	726.6	833.4	937.7	990.9
351	Industrial Chemicals & Gases	154.5	210.1	227.0	183.3	255.2	346.1	363.7	383.8	382.9	1,071.5	1,537.3
352	Paints, Pharmaceuticals & Other Chemical Products	274.8	311.9	344.9	411.1	429.9	583.3	663.4	704.4	885.3	1,104.2	1,150.5
353/4	Petroleum Refineries & Petroleum Products	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	12,448.8	10,642.5
355	Processing of Jelutong & Gum Damar	20.2	16.4	21.0	19.3	22.8	25.9	28.2	25.9	25.2	21.2	22.5
356	Rubber Products except Footwear & Toys	54.3	57.8	62.0	66.8	89.9	89.7	76.3	74.4	76.7	83.5	75.6
357	Plastic Products	120.7	160.7	204.2	277.8	380.7	498.1	519.0	504.9	547.5	634.9	581.6
361/2	Pottery, China, Earthenware & Glass Products	28.3	37.0	41.0	49.7	60.9	68.0	90.3	81.1	94.3	80.7	26.1
363	Structural Clay Products	16.2	20.2	20.4	14.2	21.3	30.7	34.9	43.3	58.9	67.4	46.5
364	Cement	157.1	161.5	165.9	179.9	225.2	277.1	347.2	405.7	441.4	281.3	180.2

6.4 INDUSTRIAL OUTPUT BY INDUSTRY (continued)

Million Dollars

Industrial Code	Industry	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985*
365	Structural Cement & Concrete Products	58.2	64.4	65.3	71.2	95.5	156.5	263.9	379.1	600.9	657.2	595.1
369	Non-metallic Mineral Products	88.4	85.0	96.9	89.4	102.8	115.4	138.2	123.1	137.2	114.1	98.7
371	Iron & Steel	148.3	152.4	145.0	192.9	272.1	338.1	343.1	356.9	332.9	333.0	377.1
372	Non-ferrous Metals	41.3	33.8	53.7	56.1	135.4	190.4	130.5	156.0	153.6	212.0	241.8
381	Fabricated Metal Products except Machinery & Equipment	506.9	507.1	597.9	748.8	965.5	1,234.9	1,492.7	1,673.0	1,814.7	1,952.3	1,717.2
382	Machinery except Electrical & Electronic	754.7	676.9	701.0	844.4	1,183.5	1,662.7	2,484.2	2,322.1	2,050.4	1,943.2	1,814.3
383	Electrical Machinery, Apparatus, Appliances & Supplies	414.5	531.8	541.1	727.4	758.4	974.4	1,050.3	995.2	1,200.2	1,403.4	1,375.8
384	Electronic Products & Components	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	9,703.4	9,367.6
385	Transport Equipment	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	1,956.7	1,773.4
386	Instrumentation Equipment, Photographic & Optical Goods	182.3	193.2	184.1	237.6	276.6	382.8	290.6	284.3	268.7	299.6	336.4
390	Other Manufacturing Industries	151.3	176.4	201.8	228.9	337.5	455.6	505.2	408.0	430.3	488.5	459.0
	Total Manufacturing excluding Rubber Processing	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	41,077.9	38,506.1
	Rubber Processing	555.2	814.0	744.1	801.3	1,170.2	1,052.5	772.6	494.2	428.7	402.4	229.0
	Total Manufacturing including Rubber Processing	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	41,480.2	38,735.1
	Granite Quarrying	32.1	43.6	31.1	24.3	27.1	95.3	134.3	179.5	238.1	223.8	202.6
	TOTAL	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	41,704.1	38,937.8

Note : See note to Table 6.3.

6.5 VALUE ADDED OF INDUSTRIAL ESTABLISHMENTS BY INDUSTRY

Million Dollars

Industrial Code	Industry	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985*
311/2	Food	149.7	157.5	198.8	206.8	235.2	261.6	355.6	326.0	353.9	380.0	366.3
313	Beverage	57.2	66.9	69.2	81.4	91.9	109.0	140.0	140.8	147.9	152.1	166.3
314	Tobacco Products	34.7	34.7	37.0	41.0	42.8	52.6	68.2	91.0	89.4	79.4	95.0
321	Textiles & Textile Manufactures	78.6	117.2	108.8	115.3	137.0	157.6	134.9	105.9	93.6	82.7	53.0
322	Wearing Apparel except Footwear	92.2	135.9	156.7	206.5	230.2	266.4	308.3	326.0	333.0	364.5	348.5
323	Leather & Leather Products	4.6	9.0	12.7	13.3	13.2	13.4	13.6	14.0	12.7	13.6	9.5
324	Footwear	11.6	11.5	10.9	12.6	16.8	19.2	19.0	17.0	18.1	19.2	14.2
331	Sawn Timber & Other Wood Products except Furniture	80.8	129.1	140.8	180.6	220.9	180.7	175.5	136.4	138.7	115.9	88.8
332	Furniture & Fixtures except primarily of Metal, Stone & Plastics	21.4	26.8	31.2	43.4	59.3	84.3	102.4	102.3	110.8	130.8	126.2
341	Paper & Paper Products	31.8	39.9	45.8	54.3	73.2	94.5	103.6	122.8	146.2	163.7	155.1
342	Printing & Publishing	124.9	145.9	172.0	190.8	217.1	277.9	341.8	380.0	459.3	530.7	550.4
351	Industrial Chemicals & Gases	44.9	51.9	59.3	65.3	85.8	109.4	119.3	140.4	142.2	256.6	349.7
352	Paints, Pharmaceuticals & Other Chemical Products	137.4	154.6	172.5	226.0	224.6	304.2	340.7	360.8	495.9	644.0	704.5
353/4	Petroleum Refineries & Petroleum Products	605.0	698.5	774.2	787.0	916.0	1,470.4	1,707.2	1,617.7	1,382.6	955.6	845.8
355	Processing of Jelutong & Gum Damar	2.5	2.1	1.9	1.8	2.7	2.9	3.7	3.1	3.8	3.8	4.0
356	Rubber Products except Footwear & Toys	24.8	26.4	27.3	28.2	38.1	39.2	34.2	35.6	36.1	40.3	36.5
357	Plastic Products	40.7	50.1	72.1	97.0	134.2	173.8	184.6	181.1	195.4	228.0	184.4
361/2	Pottery, China, Earthenware & Glass Products	11.8	14.3	17.6	25.1	27.3	24.6	36.8	27.5	33.9	35.0	11.5
363	Structural Clay Products	10.0	12.4	12.9	9.4	13.1	18.8	20.9	21.3	29.5	36.6	23.2
364	Cement	44.9	48.4	45.4	36.5	47.0	48.8	78.5	88.5	105.4	46.1	27.9

6.5 VALUE ADDED OF INDUSTRIAL ESTABLISHMENTS BY INDUSTRY (continued)

Million Dollars

Industrial Code	Industry	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985*
365	Structural Cement & Concrete Products	18.9	19.6	24.7	28.3	31.2	53.7	78.1	118.2	192.1	235.0	227.1
369	Non-metallic Mineral Products	37.0	38.7	43.1	40.3	46.0	53.1	62.1	57.4	56.4	45.9	37.1
371	Iron & Steel	51.5	54.3	66.3	92.0	111.9	131.9	138.4	136.1	123.3	121.8	123.8
372	Non-ferrous Metals	11.2	7.2	13.4	13.5	19.0	21.8	25.3	25.4	33.0	44.0	46.3
381	Fabricated Metal Products except Machinery & Equipment	173.1	179.2	212.6	258.2	325.5	416.3	537.8	657.2	692.0	753.1	689.1
382	Machinery except Electrical & Electronic	330.0	343.2	356.5	414.7	526.7	744.8	1,140.9	1,012.4	870.2	888.9	774.9
383	Electrical Machinery, Apparatus, Appliances & Supplies	150.7	184.0	206.3	245.5	287.2	356.8	388.6	387.7	445.3	522.9	503.4
384	Electronic Products & Components	402.2	557.3	643.4	820.2	1,200.4	1,668.8	1,625.7	1,484.4	1,911.5	2,917.5	2,729.1
385	Transport Equipment	501.6	508.5	595.0	636.3	802.4	1,060.2	1,181.3	1,006.0	929.1	1,009.5	939.3
386	Instrumentation Equipment, Photographic & Optical Goods	87.8	88.9	93.7	123.6	130.0	172.4	110.4	119.0	120.2	163.6	175.6
390	Other Manufacturing Industries	37.5	47.7	53.3	68.2	106.5	132.5	143.0	113.6	120.8	125.3	108.8
	Total Manufacturing excluding Rubber Processing	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	11,106.3	10,515.3
	Rubber Processing	27.9	45.6	38.1	36.7	87.7	51.5	37.0	27.5	33.5	16.2	9.2
	Total Manufacturing including Rubber Processing	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	11,122.4	10,524.5
	Granite Quarrying	24.8	33.7	26.0	20.4	23.3	79.4	109.4	122.3	156.9	146.4	132.9
	TOTAL	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	11,268.9	10,657.4

ote : See note to Table 6.3.

6.6 WORKERS ENGAGED IN INDUSTRIAL PRODUCTION BY INDUSTRY

Number

Industrial Code	Industry	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985*
311/2	Food	8,725	8,567	9,200	9,636	10,181	10,053	10,075	10,208	10,309	10,281	10,055
313	Beverage	2,640	2,639	2,506	2,596	2,739	2,650	2,744	2,594	2,494	2,398	2,242
314	Tobacco Products	1,301	1,179	1,225	1,263	1,239	1,277	976	882	865	809	755
321	Textiles & Textile Manufactures	11,380	11,620	10,526	9,792	10,087	9,710	7,906	6,360	4,616	3,957	3,075
322	Wearing Apparel except Footwear	17,966	20,673	23,262	28,983	29,274	27,188	27,870	28,608	27,234	25,710	26,577
323	Leather & Leather Products	863	968	1,223	1,351	1,284	1,244	1,186	1,152	971	950	824
324	Footwear	1,901	1,738	1,471	1,546	1,633	1,524	1,428	1,408	1,248	1,225	1,068
331	Sawn Timber & Other Wood Products except Furniture	9,435	8,784	8,859	10,056	11,418	10,376	8,291	7,188	5,950	4,947	4,127
332	Furniture & Fixtures except primarily of Metal, Stone & Plastics	2,625	2,935	3,427	4,697	5,678	6,145	6,561	6,707	6,856	7,476	8,008
341	Paper & Paper Products	3,366	3,617	3,604	3,801	4,035	4,294	4,495	4,450	3,786	3,593	3,298
342	Printing & Publishing	8,511	9,082	9,847	11,105	11,514	12,101	12,487	13,452	13,808	14,213	13,986
351	Industrial Chemicals & Gases	1,558	1,554	1,520	1,688	1,906	2,138	2,058	2,265	2,278	3,216	3,216
352	Paints, Pharmaceuticals & Other Chemical Products	3,574	3,484	3,762	3,800	3,822	4,300	4,291	4,511	4,570	4,602	4,668
353/4	Petroleum Refineries & Petroleum Products	3,331	3,167	3,094	3,082	3,212	3,342	3,511	3,784	3,755	3,605	3,456
355	Processing of Jelutong & Gum Damar	205	164	158	135	148	145	157	160	173	145	128
356	Rubber Products except Footwear & Toys	1,462	1,479	1,455	1,562	1,828	1,941	1,359	1,287	1,283	1,307	1,298
357	Plastic Products	4,847	5,346	6,366	7,770	8,374	9,225	9,121	8,889	8,560	8,563	8,465
361/2	Pottery, China, Earthenware & Glass Products	684	791	819	824	893	955	1,133	1,054	993	1,010	735
363	Structural Clay Products	815	901	830	477	482	474	461	688	679	641	560
364	Cement	568	579	541	551	538	461	474	538	579	552	570

6.6 WORKERS ENGAGED IN INDUSTRIAL PRODUCTION BY INDUSTRY (continued)

Number

Industrial Code	Industry	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985*
365	Structural Cement & Concrete Products	1,185	1,125	1,149	1,284	1,298	1,458	1,730	2,135	3,697	4,559	4,055
369	Non-metallic Mineral Products	1,700	1,735	1,440	1,427	1,205	1,315	1,261	1,254	1,600	1,425	1,413
371	Iron & Steel	1,557	1,522	1,456	1,518	1,802	1,878	1,920	1,720	1,647	1,613	1,502
372	Non-ferrous Metals	445	139	516	620	489	459	449	656	643	726	755
381	Fabricated Metal Products except Machinery & Equipment	11,206	11,880	12,671	14,619	16,062	17,669	19,481	21,554	21,156	20,752	19,643
382	Machinery except Electrical & Electronic	16,753	15,927	14,827	17,344	18,910	20,274	23,963	23,802	22,433	21,406	21,887
383	Electrical Machinery, Apparatus, Appliances & Supplies	12,278	13,644	13,237	15,206	14,728	15,933	16,141	14,405	15,341	15,778	15,095
384	Electronic Products & Components	24,351	35,756	41,245	47,455	63,201	71,727	69,358	60,760	65,954	73,271	67,428
385	Transport Equipment	24,890	24,299	25,767	26,312	26,039	27,420	28,491	30,749	27,043	24,794	24,259
386	Instrumentation Equipment, Photographic & Optical Goods	6,941	7,382	7,906	8,214	9,256	10,456	5,419	5,767	5,197	5,359	6,081
390	Other Manufacturing Industries	4,465	4,558	5,203	5,010	6,059	7,118	6,878	6,463	5,389	5,508	4,957
	Total Manufacturing excluding Rubber Processing	191,528	207,234	219,112	243,724	269,334	285,250	281,675	275,450	271,106	274,391	264,186
	Rubber Processing	2,730	2,641	2,428	2,092	2,044	1,977	1,826	1,303	980	689	633
	Total Manufacturing including Rubber Processing	194,258	209,875	221,540	245,816	271,378	287,227	283,501	276,753	272,086	275,080	264,819
	Granite Quarrying	743	947	802	651	439	938	1,008	1,050	1,142	1,145	1,107
	TOTAL	195,001	210,822	222,342	246,467	271,917	288,165	284,509	277,803	273,228	276,225	265,926

te : See note to Table 6.3.

6.7 REMUNERATION OF EMPLOYEES ENGAGED IN INDUSTRIAL PRODUCTION BY INDUSTRY

Million Dollars

Industrial Code	Industry	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985*
311/2	Food	47.9	51.8	58.2	65.8	79.1	87.8	103.4	115.2	129.7	148.3	156.5
313	Beverage	22.3	22.9	24.3	26.5	29.9	34.6	40.0	35.3	36.5	40.6	41.5
314	Tobacco Products	8.8	9.5	10.5	11.6	13.2	15.3	15.6	17.3	19.2	21.1	20.1
321	Textiles & Textile Manufactures	47.8	56.0	52.6	54.6	63.0	71.7	68.8	60.5	49.9	47.1	36.9
322	Wearing Apparel except Footwear	53.8	69.8	87.0	118.0	136.3	150.7	179.3	203.4	216.1	236.9	243.9
323	Leather & Leather Products	3.1	4.0	5.1	6.1	6.8	7.4	8.0	8.5	8.2	8.7	8.3
324	Footwear	7.1	7.9	6.4	6.8	7.9	9.7	10.1	10.7	10.3	10.9	6.8
331	Sawn Timber & Other Wood Products except Furniture	48.1	48.9	55.8	67.5	81.8	80.1	77.4	69.0	64.8	56.4	47.9
332	Furniture & Fixtures except primarily of Metal, Stone & Plastics	12.7	14.8	16.7	24.4	34.0	44.4	54.8	58.3	63.7	73.5	84.3
341	Paper & Paper Products	13.9	16.0	17.6	21.3	27.0	34.7	44.2	51.4	51.5	52.0	51.3
342	Printing & Publishing	54.1	61.7	70.2	86.6	97.5	118.6	140.5	171.9	248.2	234.7	241.4
351	Industrial Chemicals & Gases	13.3	14.1	16.1	17.8	22.3	28.9	33.4	41.1	43.2	85.7	94.1
352	Paints, Pharmaceuticals & Other Chemical Products	25.7	30.0	35.1	37.7	43.2	53.4	62.4	76.4	90.5	99.4	109.7
353/4	Petroleum Refineries & Petroleum Products	66.1	67.2	67.0	73.5	87.1	99.7	114.7	138.6	148.0	151.4	155.0
355	Processing of Jelutong & Gum Damar	1.1	1.0	1.1	1.0	1.2	1.3	1.5	1.6	1.9	1.9	1.9
356	Rubber Products except Footwear & Toys	9.7	9.9	10.8	11.8	15.6	17.2	13.3	14.7	17.0	19.6	20.1
357	Plastic Products	20.3	23.9	30.0	39.0	48.5	63.9	71.8	79.9	86.5	98.5	101.0
361/2	Pottery, China, Earthenware & Glass Products	6.1	6.9	7.2	8.5	9.9	12.4	13.5	14.4	16.3	17.8	6.6
363	Structural Clay Products	5.2	5.4	5.1	4.1	4.7	5.2	6.0	9.7	11.2	11.7	10.3
364	Cement	4.7	5.0	4.2	5.8	6.5	7.0	8.9	10.5	12.3	12.4	12.5

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

Million Dollars

Industrial Code	Industry	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985*
365	Structural Cement & Concrete Products	7.2	6.8	8.5	9.6	11.1	15.6	21.8	30.4	57.2	72.6	70.8
369	Non-metallic Mineral Products	12.4	14.4	11.4	11.7	12.4	14.6	18.9	19.5	24.3	20.5	21.1
371	Iron & Steel	13.4	14.2	14.8	17.7	22.4	27.4	30.2	32.5	36.3	38.8	38.3
372	Non-ferrous Metals	3.7	1.1	4.7	5.6	5.9	7.9	7.4	10.1	10.7	12.9	14.1
381	Fabricated Metal Products except Machinery & Equipment	68.9	77.8	86.0	116.9	126.7	157.3	202.0	259.1	276.5	303.1	316.0
382	Machinery except Electrical & Electronic	127.8	125.8	129.2	152.6	186.5	228.7	323.8	346.5	365.3	393.5	413.9
383	Electrical Machinery, Apparatus, Appliances & Supplies	70.6	73.8	80.6	99.1	110.1	133.6	154.5	172.2	193.4	224.7	225.6
384	Electronic Products & Components	128.9	186.8	223.0	264.3	393.3	510.7	557.0	616.7	752.1	943.1	941.1
385	Transport Equipment	220.1	223.0	266.2	282.7	304.3	363.5	433.2	486.9	467.7	476.7	457.0
386	Instrumentation Equipment, Photographic & Optical Goods	37.5	39.2	41.6	48.3	59.9	76.0	47.3	53.9	59.9	68.7	78.4
390	Other Manufacturing Industries	18.1	20.5	24.7	27.5	37.7	47.6	54.3	54.6	55.1	61.7	61.2
	Total Manufacturing excluding Rubber Processing	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	4,045.0	4,087.6
	Rubber Processing	13.9	15.1	14.2	13.8	16.6	18.5	18.3	16.1	15.0	9.3	8.5
	Total Manufacturing including Rubber Processing	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	4,054.3	4,096.1
	Granite Quarrying	6.4	7.7	8.6	5.9	5.5	10.8	15.3	15.7	17.7	19.3	18.1
	TOTAL	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	4,073.6	4,114.2

ote : See note to Table 6.3.

6.8 VOLUME OF OUTPUT OF SELECTED MANUFACTURED PRODUCTS

Commodity	Unit	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Animal Feed	Thousand Tonnes	309	240	291	300	306	334	255	238	210	223
Soft Drinks	Million Litres	114	125	144	175	170	175	185	180	197	155
Refined Cooking Oil	Tonnes	35,315	45,252	50,377	50,780	43,829	59,685	84,228	117,545	95,921	84,334
Sawn Timber	Thousand Cubic Metres	381	443	302	364	371	282	188	136	114	99
Plywood	Million Square Metres	106	118	109	143	165	123	112	93	90	62
Newspapers	Million Copies	145	173	171	197	216	225	228	255	277	267
Paints	Kilolitres	12,082	13,731	18,152	19,972	20,258	22,310	26,698	26,502	29,907	36,564
Soap & Detergents	Tonnes	18,503	26,993	24,071	21,613	23,532	29,141	29,568	27,882	30,723	25,623
Aviation Kerosene ¹	Thousand Tonnes	3,278	4,165	3,756	4,708	5,033	3,709	4,003	4,099	4,290	4,929
Diesel Oil ¹	Thousand Tonnes	3,863	5,046	5,569	6,780	6,566	4,619	6,490	7,074	6,569	6,044
Fuel Oil ¹	Thousand Tonnes	8,106	9,127	10,209	10,154	10,340	6,457	7,560	8,259	8,155	9,294
Bricks	Thousand Pieces	80,673	92,377	85,231	72,628	91,191	92,122	93,327	129,862	176,960	184,861
Cement	Thousand Tonnes	1,337	1,532	1,550	1,628	1,808	1,952	2,253	2,695	3,153	2,511
Ready-mixed Concrete	Thousand Cubic Metres	331	413	332	430	660	758	1,376	2,116	2,955	3,565
Refrigerators	Thousand	45	54	57	73	80	93	93	78	66	45
Radios	Thousand	7,221	10,737	9,726	11,717	16,748	17,070	16,028	13,461	15,165	18,246
Television Receivers	Thousand Sets	397	486	560	725	1,390	1,889	2,231	1,502	1,312	1,375

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	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Animal Feed	139.5	111.7	146.8	148.4	160.6	201.8	167.6	148.6	128.3	134.0
Soft Drinks	61.5	76.1	88.8	112.1	120.1	126.4	172.2	164.8	171.1	157.5
Refined Cooking Oil	50.0	62.7	93.4	94.3	80.4	120.4	175.5	161.0	139.9	189.2
Fabrics	106.5	151.1	138.0	158.6	190.7	195.9	200.1	156.8	107.9	108.6
Sawn Timber	67.3	94.2	73.8	95.9	125.3	103.1	59.8	40.1	36.5	33.2
Plywood	172.2	224.1	234.7	296.8	466.6	411.9	361.6	270.5	266.8	205.1
Newspapers	28.8	31.5	33.1	35.6	39.0	45.8	55.7	68.1	67.5	68.9
Paints	42.9	43.5	58.5	65.5	72.5	87.8	119.4	117.2	119.1	137.8
Pharmaceutical Products	131.3	142.0	155.5	201.0	179.5	258.4	269.6	283.1	370.0	504.3
Soap & Detergents	24.8	32.4	33.6	32.1	37.9	62.2	66.4	56.4	60.4	53.6
Aviation Kerosene ¹	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	2,686.5
Diesel Oil ¹	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	2,937.2
Fuel Oil ¹	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	3,584.9
Bricks	12.8	14.9	13.9	12.1	19.5	28.5	32.5	40.5	55.9	66.0
Cement	153.5	158.6	165.9	179.9	225.2	277.1	347.2	405.7	441.4	280.0
Ready-mixed Concrete	29.8	37.8	30.4	37.4	58.7	87.9	186.1	281.3	361.3	359.9
Refrigerators	21.9	25.6	31.7	47.0	51.8	60.1	61.2	53.8	46.4	34.2
Oil Rigs & Oilfield Equipment	443.1	350.3	279.2	344.1	556.5	806.7	1,437.5	1,341.1	938.3	706.9
Electronic Products excluding Television Receivers & Radios	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	8,144.5
Radios	201.4	226.9	248.0	337.4	651.6	882.6	877.4	732.4	776.6	991.7
Television Receivers	105.9	133.4	160.9	234.6	399.5	512.7	667.8	495.7	470.3	469.1
Shipbuilding & Repairing	866.6	939.4	981.8	1,002.3	1,105.6	1,547.6	1,727.8	1,502.7	1,237.5	1,240.3
Marine Engines & Parts	47.5	44.4	61.3	64.9	84.5	109.6	137.2	151.4	110.5	106.1
Photographic Equipment & Optical Goods	120.4	99.2	87.5	90.1	107.9	125.3	52.7	56.2	59.9	68.7

See note to Table 6.8.

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

Industrial Code	Major Industry Group	Weights 1982	1984				1985			
			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	99.5	102.7	101.8	95.3	68.7	75.7	72.9	70.4
364	Cement	9.5	99.8	97.7	81.0	82.8	69.7	68.5	62.5	61.2
365	Structural Cement & Concrete Products	12.6	101.4	116.9	124.4	126.3	112.8	112.1	109.5	104.8
369	Non-metallic Mineral Products	6.1	36.5	41.5	40.7	39.1	29.4	29.1	30.9	31.7
371	Iron & Steel	14.6	86.3	94.3	104.6	100.7	82.7	94.7	112.0	94.0
372	Non-ferrous Metals	2.7	106.8	134.0	127.0	132.8	109.8	111.6	130.9	95.6
381	Fabricated Metal Products except Machinery & Equipment	70.3	107.3	115.7	123.3	120.0	100.3	108.8	115.1	111.9
382	Machinery except Electrical & Electronic	108.2	94.8	100.5	98.6	89.3	90.3	81.3	81.0	72.0
383	Electrical Machinery, Apparatus, Appliances & Supplies	41.5	104.3	112.2	124.9	127.7	107.5	111.0	98.1	89.9
384	Electronic Products & Components	158.7	107.5	117.2	125.3	132.3	109.3	109.4	121.0	114.6
385	Transport Equipment	107.6	105.6	115.9	112.1	95.9	91.2	99.5	83.3	81.2
386	Instrumentation Equipment, Photographic & Optical Goods	12.7	105.6	106.4	123.2	129.8	114.9	123.4	125.1	120.8
390	Other Manufacturing Industries	12.2	111.2	120.4	136.5	118.4	109.1	117.2	123.6	92.2

6.11 NET INVESTMENT COMMITMENTS IN MANUFACTURING BY INDUSTRY

(Excluding Petrochemicals)

Million Dollars

Industry	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985*
Food & Beverages	2.6	14.4	27.4	8.5	40.8	99.4	90.7	101.5	185.9	154.4	55.5
Textiles	0.9	6.5	1.7	11.0	14.2	32.6	18.1	8.9	7.3	0.3	3.2
Wearing Apparel	-	1.5	3.0	2.7	1.4	8.0	8.3	10.4	2.8	6.7	0.7
Leather & Rubber	1.5	1.7	17.9	7.3	1.5	15.8	3.6	5.3	22.9	8.1	4.9
Wood Products	1.4	8.3	5.3	9.8	33.2	30.8	16.8	8.8	8.0	15.8	21.3
Paper Products & Printing	-	1.0	4.2	-	8.0	27.2	161.8	109.2	22.1	111.3	32.3
Industrial Chemicals	7.5	5.0	4.9	13.9	5.4	76.8	63.8	16.9	52.1	8.1	34.5
Plastic Products	4.3	11.8	8.6	13.4	34.0	66.8	41.9	47.4	27.7	33.4	24.4
Other Chemical Products	2.0	0.4	1.2	14.5	31.0	101.1	95.7	47.4	110.2	30.7	18.2
Petroleum	135.0	16.0	66.2	330.0	224.5	200.0	162.0	387.7	367.1	358.8	190.0
Non-metallic Minerals	-	0.7	-	-	7.1	65.7	55.6	40.5	136.0	24.6	88.4
Basic Metals	1.4	15.4	1.0	2.5	-	-	16.3	53.5	36.8	18.1	2.9
Fabricated Metal Products	17.3	16.8	6.8	13.8	56.2	75.6	96.1	121.0	167.4	71.5	39.5
Machinery except Electrical	70.7	51.4	77.9	45.5	151.9	121.3	300.9	162.2	84.5	225.9	125.0
Electrical Machinery & Appliances	13.3	142.3	120.3	292.4	253.9	396.6	421.2	321.8	351.6	658.8	391.9
Transport Equipment	42.0	0.7	36.1	-	18.5	58.4	273.3	162.5	92.7	72.5	88.3
Precision Equipment	1.3	6.4	7.7	33.9	31.5	29.0	24.3	66.6	65.8	19.0	2.0
Other Products	5.1	3.0	6.2	13.2	30.5	10.3	0.2	5.5	-	1.6	3.5
Servicing/Engineering	-	-	-	-	-	2.5	26.8	27.8	38.9	13.8	14.7
TOTAL	306.3	303.3	396.4	812.4	943.6	1,417.9	1,877.4	1,704.9	1,779.8	1,833.4	1,141.2
Foreign	246.8	260.5	362.6	765.7	823.4	1,199.0	1,234.6	1,162.9	1,269.8	1,340.2	908.7
Local	59.5	42.8	33.8	46.7	120.2	218.9	642.8	542.0	510.0	493.2	232.5

Note : Net investment commitments refer to gross commitments less projects withdrawn or uncertain as at 31 December 1985.

Source : Economic Development Board

6.12 NET INVESTMENT COMMITMENTS IN MANUFACTURING BY COUNTRY OF ORIGIN

(Excluding Petrochemicals)

Million Dollars

Country	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985*
TOTAL	306.3	303.3	396.4	812.4	943.6	1,417.9	1,877.4	1,704.9	1,779.8	1,833.4	1,141.2
Local	59.5	42.8	33.8	46.7	120.2	218.9	642.8	542.0	510.0	493.2	232.5
Foreign	246.8	260.5	362.6	765.7	823.4	1,199.0	1,234.6	1,162.9	1,269.8	1,340.2	908.7
United States	45.6	92.9	153.5	146.9	259.9	505.8	674.4	533.2	571.7	811.3	432.0
Japan	23.6	76.1	129.4	158.4	319.4	139.7	225.3	73.7	166.6	167.6	244.1
Europe	167.5	50.1	47.7	418.6	161.3	360.4	228.7	421.9	394.1	325.1	212.4
European Community (EC)	158.9	45.7	36.7	408.1	132.3	268.9	166.3	386.9	338.8	318.9	192.4
United Kingdom	56.2	14.8	21.4	156.2	91.9	129.5	83.1	283.1	207.5	186.6	75.9
Netherlands	81.4	20.0	-	200.0	4.5	1.0	1.2	62.8	99.2	70.3	75.2
Germany	16.6	7.1	8.9	38.3	25.3	69.2	11.5	31.4	12.8	14.3	20.1
France	2.4	1.8	1.1	11.1	4.9	18.8	1.7	1.3	6.8	-	15.1
Italy	2.3	2.0	5.3	1.1	2.5	45.4	62.5	2.4	5.1	44.8	5.0
Other EC Countries	-	-	-	1.4	3.2	5.0	6.3	5.9	7.4	2.9	1.1
Switzerland	-	2.4	6.5	8.4	12.1	35.8	17.0	22.1	15.4	2.7	4.6
Other European Countries	8.6	2.0	4.5	2.1	16.9	55.7	45.4	12.9	39.9	3.5	15.4
Others	10.1	41.4	32.0	41.8	82.8	193.1	106.2	134.1	137.4	36.2	20.2

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						
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
1984	426	118,953	17,496	24,062	6,291	1,821	2,694	10,056	17,676

**6.14 PRINCIPAL STATISTICS OF PIONEER MANUFACTURING ESTABLISHMENTS BY INDUSTRY GROUP,
DECEMBER 1984**

Industry Group	Estab- lishments	Workers	Input	Output	Value Added	Employees' Remunera- tion	Paid-up Capital	Gross Fixed Assets	Direct Exports
	Number		Million Dollars						
Total	426	118,953	17,496	24,062	6,291	1,821	2,694	10,056	17,676
Food & Beverages	12	2,037	345	446	101	42	163	243	149
Textiles & Garments	16	5,217	127	227	84	58	107	121	197
Wood Products	6	921	47	64	17	14	62	104	45
Paper & Paper Products	5	374	46	105	58	9	7	82	76
Leather & Rubber Products	7	683	21	41	20	11	31	58	34
Basic Industrial Chemicals	19	1,051	198	271	73	26	208	300	158
Other Chemical Products except Plastics	18	2,077	261	774	513	50	198	402	755
Petroleum & Petroleum Products	6	2,829	8,548	9,362	815	126	270	3,787	5,906
Non-metallic Mineral Products	9	1,040	100	149	48	17	58	110	71
Basic Metal Industries	9	1,544	234	371	132	38	70	264	60
Metal Products & Mechanical Engineering	136	22,362	935	1,940	970	353	519	1,578	1,338
Electrical & Electronic Products	142	71,617	6,419	9,608	3,011	947	788	2,466	8,324
Transport Equipment	19	5,227	138	560	390	107	165	449	482
Plastic Products	14	931	35	70	33	13	22	60	13
Miscellaneous	8	1,043	43	75	26	11	26	33	70

7 ELECTRICITY, GAS AND WATER SUPPLY

7 ELECTRICITY, GAS 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 1985, the installed generating capacity was reduced to 2,571 megawatt (MW) of which 1,650 MW or 64 per cent was 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 38,603 kilometres of cables, 16,903 megavolt-amperes of transformer capacity, 4,375 substations and 123 substation kiosks.

The total number of consumers increased to 716,848 in 1985, 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 3,292 kilowatt hours (kWh) in 1984 to 3,448 kWh in 1985 while per capita domestic consumption increased slightly from 528 kWh in 1984 to 571 kWh in 1985.

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 1,573 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 185,246 gas consumers. Of these, 97 per cent are domestic while the rest are commercial and industrial consumers. Of the 541.3 million units

of gas sold in 1985, 56.9 per cent, 41.4 per cent and 1.7 per cent went to domestic, commercial and industrial consumers respectively.

Water

Water supplies are drawn mainly from 14 impounding reservoirs in Singapore and 4 in Johore.

Water is also tapped from rivers in Johore. After purification and treatment at the 9 treatment works, water is pumped into 10 service reservoirs for distribution to consumers. The total number of consumers in Singapore and Johore was 680,767 in 1985 and the total consumption based on sales was 322,677,700 cubic metres, an increase of 1.5 per cent over 1984. This includes consumption of 56,735 cubic metres by Johore consumers.

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							
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
1985	9,876.3	8,871.2	1,461.8	70.3	4,018.6	3,270.1	50.4	716,848

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						
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
1985	569.9	541.3	251.9	56.1	224.4	8.9	185,246

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							
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
1985	366,214.7	322,677.7	141,706.5	2,161.5	89,406.6	32,667.9	56,735.2	680,767

Source : Public Utilities Board

8 BUILDING CONSTRUCTION AND HOUSING

8 BUILDING CONSTRUCTION AND HOUSING

Building Construction

Building construction includes erections and additions/alterations to existing buildings but excludes erection of temporary structures. Data on planning approval, building plan approval and notice of commencement (NOC) are compiled from records of Development and Building Control Division, Public Works Department and those on projects completed are collected through a survey conducted by the Research and Statistics Unit, Ministry of National Development. For the public sector, only data relating to planning approvals, notices of commencement and projects completed are collected.

Concepts and Definitions

Planning Approval : It refers to planning permission granted by the Minister or the Competent Authority to develop any land in accordance with the development rules in force.

Building Plan Approval (Private Sector Only) : It refers to approval granted by the Development and Building Control Division under the Building Control

Act 1973 for the construction of new building and additions/alterations to existing ones.

Notice of Commencement : For the private sector, it refers to the Notices of Intention to Commence Building Works submitted by the architects/professional engineers to the Building Authority whereas for the public sector, the statistics are compiled from tenders invited by the public authorities for construction works.

Building Completion : Statistics on Building Completion are compiled from completion survey forms sent to architects, engineers and public authorities for information on completed projects.

Gross Floor Area : This refers to the total area of floor space within a building as measured between party walls, including the thickness of external walls and all other covered areas such as rampway of covered car park decks. Area for open airwells is excluded.

Estimated Cost of Construction : It refers to the cost of building and ancillary works. It excludes development charges, professional fees, costs of land and furnishing.

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 39 Area Offices located

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

Housing units managed by the Board are classified according to the number of rooms in each flat. For this purpose, besides the bedrooms, a living room or dining room space is also counted as a room. All units have, in addition, kitchen space and bathroom/toilet facilities. Shops and eating places are generally located on the ground floor of a block of flats.

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 PUBLIC AND PRIVATE SECTOR PLANNING APPROVALS

Year	Public & Private Sectors			Public Sector			Private Sector		
	Number	Gross Floor Area ('000 Sq M)	Estimated Cost of Construction (\$ Million)	Number	Gross Floor Area ('000 Sq M)	Estimated Cost of Construction (\$ Million)	Number	Gross Floor Area ('000 Sq M)	Estimated Cost of Construction (\$ Million)
1975	1,085	8,132.6	2,497.0	177	6,578.0	1,870.6	908	1,554.6	626.4
1976	1,082	6,055.6	1,700.0	179	4,151.0	1,017.2	903	1,904.6	682.8
1977	1,209	5,694.3	1,664.6	136	3,672.4	890.6	1,073	2,021.9	774.0
1978	1,166	6,398.6	1,827.9	202	4,491.3	1,014.2	964	1,907.3	813.7
1979	1,385	7,297.4	2,430.0	259	4,928.6	1,307.7	1,126	2,368.8	1,122.3
1980	1,560	9,343.7	5,313.6	290	5,186.1	1,976.9	1,270	4,157.6	3,336.7
1981	1,712	9,952.8	6,963.6	251	5,359.4	2,741.9	1,461	4,593.4	4,221.7
1982	1,555	12,053.2	10,121.2	226	6,255.4	4,107.3	1,329	5,797.8	6,013.9
1983	1,769	11,669.0	8,077.2	251	7,860.0	4,216.1	1,518	3,809.0	3,861.1
1984	1,780	8,932.8	5,705.6	233	5,983.2	2,993.6	1,547	2,949.6	2,712.0
1985	1,361	7,769.0	3,971.0	272	6,102.9	2,323.7	1,089	1,666.1	1,647.3

Source : Ministry of National Development

8.2 PUBLIC AND PRIVATE SECTOR NOTICES OF COMMENCEMENT OF CONSTRUCTION

Year	Public & Private Sectors			Public Sector			Private Sector		
	Number	Gross Floor Area ('000 Sq M)	Estimated Cost of Construction (\$ Million)	Number	Gross Floor Area ('000 Sq M)	Estimated Cost of Construction (\$ Million)	Number	Gross Floor Area ('000 Sq M)	Estimated Cost of Construction (\$ Million)
1975	1,565	6,420.8	1,842.5	448	4,959.6	1,229.7	1,117	1,461.2	612.8
1976	1,370	5,649.3	1,540.2	431	4,438.2	1,039.0	939	1,211.1	501.2
1977	1,366	5,492.5	1,644.8	371	4,161.1	1,109.9	995	1,331.4	534.9
1978	1,519	5,218.5	1,694.6	477	3,438.7	914.6	1,042	1,779.8	780.0
1979	1,635	6,520.8	2,350.0	630	4,647.6	1,446.0	1,005	1,873.2	904.0
1980	1,582	7,371.0	3,845.7	535	4,688.8	1,850.5	1,047	2,682.2	1,995.2
1981	1,970	8,849.9	6,500.8	586	5,381.4	2,819.1	1,384	3,468.5	3,681.7
1982	1,840	12,445.7	10,151.5	593	7,642.0	4,545.7	1,247	4,803.7	5,605.8
1983	2,042	12,454.5	8,590.1	654	8,798.2	4,860.3	1,388	3,656.3	3,729.8
1984	1,996	8,112.0	5,446.6	562	6,179.7	3,496.1	1,434	1,932.3	1,950.5
1985	1,606	6,141.2	3,241.1	542	5,079.0	2,205.6	1,064	1,062.2	1,035.5

Source : Ministry of National Development

8.3 PUBLIC AND PRIVATE SECTOR PROJECTS COMPLETED

Year	Public & Private Sectors			Public Sector			Private Sector		
	Number	Gross Floor Area ('000 Sq M)	Cost of Construction (\$ Million)	Number	Gross Floor Area ('000 Sq M)	Cost of Construction (\$ Million)	Number	Gross Floor Area ('000 Sq M)	Cost of Construction (\$ Million)
1975	1,416	4,437.4	1,054.7	362	2,797.5	591.4	1,054	1,639.9	463.3
1976	1,372	5,589.4	1,592.1	409	3,539.6	862.7	963	2,049.8	729.4
1977	1,331	5,879.5	1,588.7	352	4,441.2	853.9	979	1,438.3	734.8
1978	1,322	5,938.5	1,315.2	370	4,612.1	809.9	952	1,326.4	505.3
1979	1,366	5,187.3	1,473.8	496	3,486.6	829.8	870	1,700.7	644.0
1980	1,287	5,014.0	1,482.4	499	3,437.1	793.4	788	1,576.9	689.0
1981	1,477	4,842.3	2,253.3	499	2,621.7	1,056.4	978	2,220.6	1,196.9
1982	1,621	6,123.3	3,873.8	499	3,599.0	1,564.5	1,122	2,524.3	2,309.3
1983	1,641	6,725.1	4,609.3	518	3,893.9	2,052.9	1,123	2,831.2	2,556.4
1984	2,006	14,989.5	8,834.4	675	11,662.1	5,300.0	1,331	3,327.4	3,534.4
1985	1,925	11,423.9	6,621.2	614	8,545.5	3,672.8	1,311	2,878.4	2,948.4

Source : Ministry of National Development

8.4 PUBLIC AND PRIVATE SECTOR PLANNING APPROVALS BY TYPE OF DEVELOPMENT

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
All Types	Number										
	1,085	1,082	1,209	1,166	1,385	1,560	1,712	1,555	1,769	1,780	1,361
	Residential	549	469	464	358	495	679	777	706	983	646
	Commercial	125	158	153	159	182	205	145	158	137	116
	Industrial	261	275	452	463	496	426	531	457	378	290
	Institutional	145	164	133	180	199	228	230	197	237	295
	Others	5	16	7	6	13	22	29	37	34	14
All Types	Gross Floor Area (Thousand Square Metres)										
	8,132.6	6,055.6	5,694.3	6,398.6	7,297.4	9,343.7	9,952.8	12,053.2	11,669.0	8,932.8	7,769.0
	Residential	5,799.3	3,718.6	3,396.1	4,326.3	4,651.9	5,534.3	5,290.0	6,042.8	8,745.6	5,888.6
	Commercial	858.1	680.1	602.6	430.3	695.7	1,403.7	1,533.5	3,282.9	698.7	409.7
	Industrial	882.1	1,247.2	1,318.4	1,281.7	1,686.7	1,826.9	2,504.0	2,072.2	1,180.8	933.9
	Institutional	589.1	276.9	371.2	354.4	256.8	552.0	577.7	416.0	828.4	530.3
	Others	4.0	132.8	6.0	5.9	6.3	26.8	47.6	239.3	215.5	6.5
All Types	Estimated Cost of Construction (Million Dollars)										
	2,497.0	1,700.0	1,664.6	1,827.9	2,430.0	5,313.6	6,963.6	10,121.2	8,077.2	5,705.6	3,971.0
	Residential	1,268.1	870.0	747.7	915.5	1,205.5	2,083.0	2,886.0	3,829.1	5,312.1	2,231.7
	Commercial	354.7	289.0	319.7	236.7	479.7	1,327.2	1,473.4	4,317.0	981.8	579.7
	Industrial	315.2	322.5	381.7	464.9	562.0	1,411.7	1,969.5	1,355.0	880.6	526.1
	Institutional	558.5	210.2	213.1	208.7	182.1	483.2	603.7	592.9	834.3	631.7
	Others	0.5	8.3	2.4	2.1	0.7	8.5	31.0	27.2	68.4	1.8

Source : Ministry of National Development

8.5 PUBLIC SECTOR PLANNING APPROVALS BY TYPE OF DEVELOPMENT

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Number											
All Types	177	179	136	202	259	290	251	226	251	233	272
Residential	40	30	20	29	42	33	25	37	40	30	22
Commercial	22	25	15	16	37	59	25	19	14	13	9
Industrial	14	19	22	16	22	18	18	14	9	3	1
Institutional	99	104	77	137	158	174	178	155	186	186	234
Others	2	1	2	4	-	6	5	1	2	1	6
Gross Floor Area (Thousand Square Metres)											
All Types	6,578.0	4,151.0	3,672.4	4,491.3	4,928.6	5,186.1	5,359.4	6,255.4	7,860.0	5,983.2	6,102.9
Residential	5,154.5	2,918.6	2,585.2	3,915.3	3,831.9	3,722.3	3,415.4	4,541.6	6,712.7	4,906.1	5,227.5
Commercial	584.5	266.3	232.9	16.8	121.3	283.7	516.7	599.9	39.2	245.6	131.2
Industrial	347.6	749.4	609.1	293.9	765.6	676.2	928.8	745.0	281.8	123.5	308.5
Institutional	487.7	216.6	243.9	264.6	209.8	482.0	498.2	368.8	759.5	706.1	433.4
Others	3.7	0.1	1.3	0.7	-	21.9	0.3	0.1	66.8	1.9	2.3
Estimated Cost of Construction (Million Dollars)											
All Types	1,870.6	1,017.2	890.6	1,014.2	1,307.7	1,976.9	2,741.9	4,107.3	4,216.1	2,993.6	2,323.7
Residential	1,075.2	561.9	484.5	759.8	874.2	1,088.3	1,413.0	2,215.8	3,170.2	1,952.4	1,610.1
Commercial	193.8	82.0	109.6	7.1	64.1	147.4	319.2	964.6	44.8	156.9	82.6
Industrial	82.8	188.3	153.7	82.6	218.3	317.5	493.1	391.9	195.8	48.5	106.0
Institutional	518.4	185.0	142.4	162.8	151.1	418.2	513.1	534.7	753.3	833.8	524.0
Others	0.4	-	0.4	1.9	-	5.5	3.5	0.3	52.0	2.0	1.0

Source : Ministry of National Development

8.6 PRIVATE SECTOR PLANNING APPROVALS BY TYPE OF DEVELOPMENT

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
All Types	Number										
	908	903	1,073	964	1,126	1,270	1,461	1,329	1,518	1,547	1,089
	Residential	509	439	444	329	453	646	752	669	943	624
	Commercial	103	133	138	143	145	146	120	139	123	107
	Industrial	247	256	430	447	474	408	513	443	369	289
	Institutional	46	60	56	43	41	54	52	42	51	61
	Others	3	15	5	2	13	16	24	36	32	8
All Types	Gross Floor Area (Thousand Square Metres)										
	1,554.6	1,904.6	2,021.9	1,907.3	2,368.8	4,157.6	4,593.4	5,797.8	3,809.0	2,949.6	1,666.1
	Residential	644.8	800.0	810.9	411.0	820.0	1,812.0	1,874.6	1,501.2	2,032.9	1,526.7
	Commercial	273.6	413.8	369.7	413.5	574.4	1,120.0	1,016.7	2,683.0	659.5	541.7
	Industrial	534.5	497.8	709.3	987.8	921.1	1,150.7	1,575.3	1,327.2	899.0	757.5
	Institutional	101.4	60.3	127.3	89.8	47.0	70.0	79.5	47.2	68.9	79.0
	Others	0.3	132.7	4.7	5.2	6.3	4.9	47.3	239.2	148.7	44.7
All Types	Estimated Cost of Construction (Million Dollars)										
	626.4	682.8	774.0	813.7	1,122.3	3,336.7	4,221.7	6,013.9	3,861.1	2,712.0	1,647.3
	Residential	192.9	308.1	263.2	155.7	331.3	994.7	1,473.0	1,613.3	2,141.9	1,475.4
	Commercial	160.9	207.0	210.1	229.6	415.6	1,179.8	1,154.2	3,352.4	937.0	565.1
	Industrial	232.4	134.2	228.0	382.3	343.7	1,094.2	1,476.4	963.1	684.8	579.4
	Institutional	40.1	25.2	70.7	45.9	31.0	65.0	90.6	58.2	81.0	85.5
	Others	0.1	8.3	2.0	0.2	0.7	3.0	27.5	26.9	16.4	6.6

Source : Ministry of National Development

8.7 PUBLIC AND PRIVATE SECTOR NOTICES OF COMMENCEMENT OF CONSTRUCTION BY TYPE OF DEVELOPMENT

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	
All Types	Number											
	1,565	1,370	1,366	1,519	1,635	1,582	1,970	1,840	2,042	1,996	1,606	
	Residential	739	569	521	472	561	577	777	746	999	904	693
	Commercial	226	221	201	236	247	270	209	226	210	274	228
	Industrial	317	314	417	500	479	459	559	485	400	405	286
	Institutional	271	252	213	292	329	254	395	353	405	387	382
	Others	12	14	14	19	19	22	30	30	28	26	17
All Types	Gross Floor Area (Thousand Square Metres)											
	6,420.8	5,649.3	5,492.5	5,218.5	6,520.8	7,371.0	8,849.9	12,445.7	12,454.5	8,112.0	6,141.2	
	Residential	4,457.1	4,278.1	3,715.7	2,953.1	4,084.5	4,321.3	5,419.9	7,456.3	9,141.2	5,881.7	4,969.6
	Commercial	472.4	468.9	395.5	633.8	610.9	1,122.7	1,024.5	2,321.9	940.0	657.0	350.1
	Industrial	962.7	586.6	851.4	1,118.0	1,322.3	1,636.3	1,748.3	1,884.7	943.7	664.2	277.4
	Institutional	523.5	242.6	515.5	502.6	494.3	278.8	602.8	667.0	1,059.0	722.6	493.1
	Others	5.1	73.1	14.4	11.0	8.8	11.9	54.4	115.8	370.6	186.5	51.0
All Types	Estimated Cost of Construction (Million Dollars)											
	1,842.5	1,540.2	1,644.8	1,694.6	2,350.0	3,845.7	6,500.8	10,151.5	8,590.1	5,446.6	3,241.1	
	Residential	946.3	874.1	680.8	597.8	1,080.9	1,593.6	2,948.0	4,437.9	4,972.7	2,730.0	2,101.5
	Commercial	213.9	247.4	241.6	378.7	406.6	1,130.4	1,257.7	3,510.0	1,208.8	860.2	384.4
	Industrial	353.0	179.3	232.9	353.2	471.5	849.9	1,558.2	1,176.9	783.4	517.0	216.1
	Institutional	327.9	234.1	486.2	359.3	388.2	268.2	717.2	1,001.9	1,537.6	1,165.7	512.9
	Others	1.4	5.3	3.3	5.6	2.8	3.6	19.7	24.8	87.6	173.7	26.2

Source : Ministry of National Development

8.8 PUBLIC SECTOR NOTICES OF COMMENCEMENT OF CONSTRUCTION BY TYPE OF DEVELOPMENT

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
	Number										
All Types	448	431	371	477	630	535	586	593	654	562	542
Residential	153	142	132	148	214	162	151	205	206	179	158
Commercial	51	47	32	40	73	104	43	41	52	49	34
Industrial	38	38	39	39	39	40	45	43	32	17	14
Institutional	198	197	159	231	294	220	340	300	359	315	326
Others	8	7	9	19	10	9	7	4	5	2	10
	Gross Floor Area (Thousand Square Metres)										
All Types	4,959.6	4,438.2	4,161.1	3,438.7	4,647.6	4,688.8	5,381.4	7,642.0	8,798.2	6,179.7	5,079.0
Residential	3,941.1	3,785.7	3,335.6	2,582.3	3,344.7	3,381.6	4,010.9	5,810.2	7,315.0	5,140.5	4,462.5
Commercial	222.6	204.5	80.8	111.6	253.2	428.8	300.1	392.6	289.2	219.5	129.8
Industrial	391.0	262.6	325.6	338.6	582.0	631.9	525.4	821.2	120.4	43.9	-
Institutional	400.1	184.7	413.6	395.2	464.9	245.9	541.1	613.0	1,005.2	650.2	443.7
Others	4.8	0.7	5.5	11.0	2.8	0.6	3.9	5.0	68.4	125.6	43.0
	Estimated Cost of Construction (Million Dollars)										
All Types	1,229.7	1,039.0	1,109.9	914.6	1,446.0	1,850.5	2,819.1	4,545.7	4,860.3	3,496.1	2,205.6
Residential	782.0	693.1	558.4	458.6	767.4	993.4	1,647.5	2,626.2	3,024.1	2,002.8	1,639.3
Commercial	69.4	72.7	39.0	61.6	134.0	309.0	231.0	573.9	218.5	217.5	73.2
Industrial	86.2	69.8	86.4	88.6	176.2	308.0	282.3	408.1	102.2	30.2	7.0
Institutional	290.8	203.2	425.5	300.2	366.0	238.5	653.9	932.6	1,463.5	1,079.2	460.9
Others	1.3	0.2	0.6	5.6	2.4	1.6	4.4	4.9	52.0	166.4	25.2

Source : Ministry of National Development

8.9 PRIVATE SECTOR NOTICES OF COMMENCEMENT OF CONSTRUCTION BY TYPE OF DEVELOPMENT

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
All Types	Number										
	1,117	939	995	1,042	1,005	1,047	1,384	1,247	1,388	1,434	1,064
	Residential	586	427	389	324	347	415	626	541	793	725
	Commercial	175	174	169	196	174	166	166	185	158	225
	Industrial	279	276	378	461	440	419	514	442	368	388
	Institutional	73	55	54	61	35	34	55	53	46	72
	Others	4	7	5	-	9	13	23	26	23	24
All Types	Gross Floor Area (Thousand Square Metres)										
	1,461.2	1,211.1	1,331.4	1,779.8	1,873.2	2,682.2	3,468.5	4,803.7	3,656.3	1,932.3	1,062.2
	Residential	516.0	492.4	380.1	370.8	739.8	939.7	1,409.0	1,646.1	1,826.2	741.2
	Commercial	249.8	264.4	314.7	522.2	357.7	693.9	724.4	1,929.3	650.8	437.5
	Industrial	571.7	324.0	525.8	779.4	740.3	1,004.4	1,222.9	1,063.5	823.3	620.3
	Institutional	123.4	57.9	101.9	107.4	29.4	32.9	61.7	54.0	53.8	72.4
	Others	0.3	72.4	8.9	-	6.0	11.3	50.5	110.8	302.2	60.9
All Types	Estimated Cost of Construction (Million Dollars)										
	612.8	501.2	534.9	780.0	904.0	1,995.2	3,681.7	5,605.8	3,729.8	1,950.5	1,035.5
	Residential	164.3	181.0	122.4	139.2	313.5	600.2	1,300.5	1,811.7	1,948.6	727.2
	Commercial	144.5	174.7	202.6	317.1	272.6	821.4	1,026.7	2,936.1	990.3	642.7
	Industrial	266.8	109.5	146.5	264.6	295.3	541.9	1,275.9	768.8	681.2	486.8
	Institutional	37.1	30.9	60.7	59.1	22.2	29.7	63.3	69.3	74.1	86.5
	Others	0.1	5.1	2.7	-	0.4	2.0	15.3	19.9	35.6	7.3

Source : Ministry of National Development

8.10 PUBLIC AND PRIVATE SECTOR PROJECTS COMPLETED BY TYPE OF DEVELOPMENT

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
All Types	Number										
	1,416	1,372	1,331	1,322	1,366	1,287	1,477	1,621	1,641	2,006	1,925
	Residential	651	570	556	507	420	424	500	578	700	877
	Commercial	250	218	217	172	221	227	211	193	182	289
	Industrial	282	316	335	410	417	376	435	489	396	437
	Institutional	207	252	211	217	284	243	311	346	344	388
	Others	26	16	12	16	24	17	20	15	19	15
All Types	Gross Floor Area (Thousand Square Metres)										
	4,437.4	5,589.4	5,879.5	5,938.5	5,187.3	5,014.0	4,842.3	6,123.3	6,725.1	14,989.5	11,423.9
	Residential	2,795.6	3,432.4	4,049.2	4,650.3	3,443.2	3,157.2	2,123.3	2,894.3	3,754.7	11,217.2
	Commercial	564.1	1,091.7	495.8	323.5	446.7	452.0	973.2	928.5	850.8	1,506.3
	Industrial	754.9	692.7	849.8	802.5	836.7	1,105.8	1,053.4	1,756.4	1,549.3	1,531.1
	Institutional	190.7	359.2	484.1	141.3	356.7	280.0	688.7	532.4	505.3	673.2
	Others	132.1	13.4	0.6	20.9	104.0	19.0	3.7	11.7	65.0	61.7
All Types	Cost of Construction (Million Dollars)										
	1,054.7	1,592.1	1,588.7	1,315.2	1,473.8	1,482.4	2,253.3	3,873.8	4,609.3	8,834.4	6,621.2
	Residential	511.6	687.8	667.1	788.9	704.1	660.8	682.7	969.0	1,958.0	4,994.8
	Commercial	218.4	441.6	248.2	149.5	214.3	230.5	420.3	718.1	801.6	1,856.5
	Industrial	171.9	221.0	378.1	287.9	240.1	381.4	506.9	1,465.4	1,144.8	1,035.9
	Institutional	106.1	236.4	294.6	85.9	307.3	204.3	638.3	713.5	689.1	902.4
	Others	46.7	5.3	0.7	3.0	8.0	5.4	5.1	7.8	15.8	44.8

Source : Ministry of National Development

8.11 PUBLIC SECTOR PROJECTS COMPLETED BY TYPE OF DEVELOPMENT

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
All Types	Number										
	362	409	352	370	496	499	499	499	518	675	614
	Residential	120	115	123	143	147	161	136	137	235	227
	Commercial	52	53	34	27	65	76	58	37	40	28
	Industrial	17	37	34	18	31	38	28	34	47	39
	Institutional	155	193	154	169	242	216	268	296	293	336
	Others	18	11	7	13	11	8	9	2	1	5
All Types	Gross Floor Area (Thousand Square Metres)										
	2,797.5	3,539.6	4,441.2	4,612.1	3,486.6	3,437.1	2,621.7	3,599.0	3,893.9	11,662.1	8,545.5
	Residential	2,394.8	2,689.9	3,574.6	3,996.6	2,811.1	2,597.5	1,427.9	2,338.1	2,561.2	9,960.1
	Commercial	85.9	292.7	125.3	172.5	99.2	149.9	369.9	266.2	259.5	464.5
	Industrial	135.2	259.1	319.2	309.7	267.2	465.1	236.7	507.4	623.8	583.1
	Institutional	158.6	293.0	421.7	121.0	306.2	222.3	586.9	484.4	446.1	604.6
	Others	23.0	4.9	0.4	12.3	2.9	2.3	0.3	2.9	3.3	49.8
All Types	Cost of Construction (Million Dollars)										
	591.4	862.7	853.9	809.9	829.8	793.4	1,056.4	1,564.5	2,052.9	5,300.0	3,672.8
	Residential	397.6	479.6	503.4	596.9	450.0	448.8	351.6	558.1	930.4	3,754.2
	Commercial	29.2	109.1	25.3	54.5	36.1	47.1	54.9	146.4	211.7	434.6
	Industrial	28.6	61.0	72.4	83.9	67.6	125.8	77.7	194.9	300.5	272.9
	Institutional	94.2	210.6	252.4	73.8	275.3	167.8	570.2	661.9	608.4	802.7
	Others	41.8	2.4	0.4	0.8	0.8	3.9	2.0	3.2	1.9	35.6

Source : Ministry of National Development

8.12 PRIVATE SECTOR PROJECTS COMPLETED BY TYPE OF DEVELOPMENT

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	
All Types	Number											
	1,054	963	979	952	870	788	978	1,122	1,123	1,331	1,311	
	Residential	531	455	433	364	273	263	364	448	563	642	706
	Commercial	198	165	183	145	156	151	153	156	142	229	190
	Industrial	265	279	301	392	386	338	407	455	349	398	332
	Institutional	52	59	57	48	42	27	43	50	51	52	67
	Others	8	5	5	3	13	9	11	13	18	10	16
	Gross Floor Area (Thousand Square Metres)											
1,639.9	2,049.8	1,438.3	1,326.4	1,700.7	1,576.9	2,220.6	2,524.3	2,831.2	3,327.4	2,878.4		
Residential	400.8	742.5	474.6	653.7	632.1	559.7	695.4	556.2	1,193.5	1,257.1	1,709.9	
Commercial	478.2	799.0	370.5	151.0	347.5	302.1	603.3	662.3	591.3	1,041.8	455.6	
Industrial	619.7	433.6	530.6	492.8	569.5	640.7	816.7	1,249.0	925.5	948.0	635.9	
Institutional	32.1	66.2	62.4	20.3	50.5	57.7	101.8	48.0	59.2	68.6	49.4	
Others	109.1	8.5	0.2	8.6	101.1	16.7	3.4	8.8	61.7	11.9	27.6	
All Types	Cost of Construction (Million Dollars)											
	463.3	729.4	734.8	505.3	644.0	689.0	1,196.9	2,309.3	2,556.4	3,534.4	2,948.4	
	Residential	114.0	208.2	163.7	192.0	254.1	212.0	331.1	410.9	1,027.6	1,240.6	1,698.9
	Commercial	189.2	332.5	222.9	95.0	178.2	183.4	365.4	571.7	589.9	1,421.9	656.5
	Industrial	143.3	160.0	305.7	204.0	172.5	255.6	429.2	1,270.5	844.3	763.0	534.0
	Institutional	11.9	25.8	42.2	12.1	32.0	36.5	68.1	51.6	80.7	99.7	54.0
	Others	4.9	2.9	0.3	2.2	7.2	1.5	3.1	4.6	13.9	9.2	5.0

Source : Ministry of National Development

8.13 PRIVATE SECTOR BUILDING PLAN APPROVALS BY TYPE OF DEVELOPMENT

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
	Number										
All Types	1,123	932	1,089	1,099	1,067	1,244	1,473	1,306	1,533	1,669	1,322
Residential	511	412	404	345	364	523	675	595	825	862	652
Commercial	202	194	194	196	188	205	186	176	198	260	243
Industrial	328	263	427	495	474	458	534	456	422	444	350
Institutional	81	55	56	60	33	43	55	55	54	77	67
Others	1	8	8	3	8	15	23	24	34	26	10
	Gross Floor Area (Thousand Square Metres)										
All Types	2,233.9	1,539.2	1,663.8	1,900.6	1,862.3	2,777.5	3,486.8	3,406.4	5,538.6	2,822.2	1,958.7
Residential	612.3	612.0	400.6	415.8	551.6	942.6	1,244.2	1,159.3	2,083.1	1,132.7	880.0
Commercial	395.1	369.9	522.9	521.9	466.4	750.3	971.5	1,012.9	2,144.6	802.0	581.4
Industrial	1,113.5	400.5	610.2	854.2	806.6	1,038.4	1,174.2	1,073.5	1,015.9	680.5	422.4
Institutional	112.9	61.4	107.6	108.2	27.9	38.6	69.1	51.4	55.7	64.0	68.3
Others	0.1	95.4	22.5	0.5	9.8	7.6	27.8	109.3	239.3	143.0	6.6
	Estimated Cost of Construction (Million Dollars)										
All Types	761.9	654.1	660.2	791.7	956.1	2,050.0	3,607.4	3,323.1	6,396.4	2,884.0	1,952.7
Residential	200.9	228.2	134.1	145.0	237.2	569.4	1,109.6	1,179.5	2,186.4	1,195.4	762.5
Commercial	215.6	246.4	298.1	303.5	375.2	890.3	1,197.8	1,296.2	3,216.8	1,087.3	771.1
Industrial	298.3	139.5	162.8	283.2	322.4	556.4	1,229.1	767.2	890.0	505.8	345.3
Institutional	47.1	34.5	61.0	59.8	20.9	32.4	62.4	61.3	77.4	72.7	72.7
Others	-	5.5	4.2	0.2	0.4	1.5	8.5	18.9	25.8	22.8	1.1

Source : Ministry of National Development

8.14 NUMBER OF RESIDENTIAL UNITS IN THE PUBLIC SECTOR BY TYPE OF BUILDING

Number

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
All Types	Planning Approval Stage										
	52,882	26,969	26,751	36,445	36,365	29,371	27,468	40,793	54,709	39,018	33,339
	Detached	-	-	-	-	-	-	16	-	-	-
	Terrace	23	-	-	-	-	-	12	-	-	-
	Flats	52,360	26,919	26,275	36,423	36,362	29,307	40,755	54,709	38,922	33,319
	Others	499	50	476	22	3	64	10	-	96	20
	Notice of Commencement Stage										
	41,508	36,625	31,329	24,661	27,913	24,950	30,255	46,721	59,201	39,676	31,854
	Detached	-	-	-	-	-	-	16	-	-	-
	Terrace	-	-	-	-	-	-	12	-	-	-
	Flats	41,486	36,156	30,865	24,641	27,909	24,950	46,683	59,105	39,676	31,834
	Others	22	469	464	20	4	-	10	96	-	20
All Types	Building Completion Stage										
	28,350	26,538	35,472	37,715	27,174	23,886	12,464	19,512	19,275	78,288	59,633
	Detached	-	-	-	-	-	-	-	-	16	-
	Terrace	11	-	-	-	-	-	-	-	12	-
	Flats	28,272	26,534	35,454	37,290	26,707	23,872	19,510	19,275	78,244	59,633
	Others	67	4	18	425	467	14	63	2	16	-

te : Figures refer to erections of residential units only.
They do not include additions or alterations.

Source : Ministry of National Development

8.15 NUMBER OF RESIDENTIAL UNITS IN THE PRIVATE SECTOR BY TYPE OF BUILDING

Number

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
All Types Detached Semi-detached Terrace Flats Others	Planning Approval Stage										
	3,079	3,361	3,842	1,996	3,587	8,037	8,174	6,535	8,933	6,484	2,535
	78	92	77	69	103	177	247	213	291	289	174
	111	118	147	106	250	297	232	275	566	912	192
	239	250	155	123	312	507	396	227	1,030	1,396	384
	2,248	2,856	3,412	1,590	2,883	6,993	7,291	5,820	7,035	3,883	1,785
	403	45	51	108	39	63	8	-	11	4	-
	Building Plan Approval Stage										
	2,677	2,632	1,625	2,018	2,584	3,716	5,532	4,817	9,436	4,461	3,777
	145	64	66	62	75	144	196	149	239	273	165
	169	111	126	143	215	329	208	166	418	477	528
	505	212	191	99	131	402	410	233	639	663	824
	1,648	2,225	1,184	1,679	2,096	2,840	4,654	4,264	8,132	3,045	2,259
	210	20	58	35	67	1	64	5	8	3	1
All Types Detached Semi-detached Terrace Flats Others	Notice of Commencement Stage										
	1,961	1,977	1,728	1,864	3,517	3,968	6,270	7,829	7,465	2,929	2,107
	125	59	56	59	65	109	195	149	223	211	107
	116	78	109	66	144	273	206	170	487	430	420
	308	239	118	109	126	351	395	270	836	504	544
	1,247	1,588	1,416	1,598	3,133	3,203	5,410	7,239	5,906	1,781	1,035
	165	13	29	32	49	32	64	1	13	3	1
	Building Completion Stage										
	1,470	3,482	2,242	2,939	2,780	2,212	3,186	2,476	4,919	5,441	7,388
	103	232	100	90	86	96	110	124	161	144	179
	391	414	287	276	225	214	328	229	357	290	377
	331	999	248	323	291	442	231	183	481	365	674
	645	1,828	1,606	2,245	2,146	1,453	2,510	1,880	3,902	4,595	6,150
	-	9	1	5	32	7	7	60	18	47	8

Note : Figures refer to erections of residential units only.
They do not include additions or alterations.

Source : Ministry of National Development

8.16 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	
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
1985	551,767	60,105	48,566	242,878	139,136	45,097	8,266	7,719	25,175

te : 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

8.17 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		
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
1985	46,370 ²	34,856	84

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.

² Figures include middle-income housing units completed by Urban Redevelopment Authority.

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

9 COMMERCE AND SERVICES

9 COMMERCE 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 COMMERCE SECTOR BY INDUSTRY

Year	Establishments	Employment	Remuneration	Turnover	Operating Surplus	Value Added	
	Number		Million Dollars				
	Total						
	1973	19,308	131,207	536	16,156	977	1,774
	1975	23,593	154,853	819	22,952	1,360	2,608
	1977	27,987	172,641	1,037	29,963	1,517	3,085
	1979	34,441	200,471	1,441	50,783	2,802	5,075
	1981	38,237	215,294	1,992	66,006	2,329	5,778
	1983	39,126	226,717	2,789	77,166	1,886	6,615
	Wholesale Trade						
	1973	6,186	52,090	311	12,284	684	1,140
	1975	9,338	71,840	535	18,563	1,020	1,817
1977	12,164	82,254	685	24,484	1,082	2,097	
1979	15,783	97,319	954	42,943	2,150	3,633	
1981	18,794	107,316	1,323	55,828	1,588	3,888	
1983	20,103	115,149	1,871	65,024	1,286	4,416	
	Retail Trade						
	1973	10,918	50,691	138	3,430	265	473
	1975	11,870	52,644	163	3,772	286	552
	1977	13,279	56,835	198	4,680	325	660
	1979	15,742	66,048	270	6,659	470	932
	1981	16,457	65,462	353	8,436	450	1,106
	1983	16,029	66,096	465	10,019	381	1,281
	Restaurants and Hotels						
	1973	2,204	28,426	87	442	28	161
	1975	2,385	30,369	121	617	54	239
1977	2,544	33,552	154	799	110	328	
1979	2,916	37,104	217	1,181	182	510	
1981	2,986	42,516	316	1,742	291	784	
1983	2,994	45,472	453	2,123	219	918	

9.2 SELECTED AVERAGES AND RATIOS IN COMMERCE 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						
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
1983	1,972	48	169	29	2.4	3.7	42.2
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
1983	3,235	64	220	38	2.0	2.9	42.4
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
1983	625	24	80	19	3.8	4.8	36.3
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
1983	709	73	307	20	10.3	23.8	49.3

9.3 PRINCIPAL STATISTICS OF SERVICES SECTOR BY INDUSTRY

Year	Establishments	Employment	Remuneration	Operating Receipts	Operating Surplus	Value Added	
	Number		Million Dollars				
	Transport, Storage and Communications						
	1974	2,944	66,095	499	2,582	399	1,169
	1976	3,852	74,985	698	3,861	444	1,640
	1978	4,466	83,271	899	5,499	617	2,307
	1980	5,703	89,429	1,123	8,362	863	3,045
	1982	6,002	90,290	1,476	10,208	647	3,790
	Financing and Insurance Services						
	1974	1,327	19,338	223	4,540	855	688
	1976	1,624	21,771	289	5,013	868	853
	1978	1,743	23,594	362	8,291	1,377	1,244
1980	2,330	28,117	542	19,346	2,819	2,177	
1982	2,857	33,917	836	40,324	4,392	3,350	
	Real Estate, Business, Social and Personal Services						
	1974	7,146	60,737	351	1,654	305	941
	1976	9,815	76,990	519	2,703	125	1,162
	1978	11,762	83,626	614	3,861	338	1,550
	1980	14,678	99,875	954	5,502	724	2,547
	1982	15,910	109,260	1,417	7,972	841	3,847
	Non-profit Organizations						
	1974	3,188	23,513	190	50	-	202
	1976	3,628	25,698	220	94	-	236
	1978	3,805	25,805	256	115	-	278
1980	4,372	25,918	348	151	-	374	
1982	4,674	25,840	510	182	-	558	

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 Expenditure¹	Remuneration to Value Added
	Per Establishment				Operating Surplus to Operating Receipts	Remuneration to Operating Expenditure¹	Remuneration to Value Added
	Thousand Dollars						
Per Cent							
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

Singapore's external trade statistics are compiled by the Department of Statistics from import and export declarations which are submitted to the Customs and Excise Department and Excise in the form of a Customs Declaration. The following table shows the value of goods imported and exported from Singapore in 1990.

The table shows that Singapore's external trade is heavily concentrated in a few major trading partners. The United States, Japan, and the United Kingdom are the three largest trading partners, accounting for over 50% of total trade. The table also shows that Singapore's exports are more diversified than its imports, with a wider range of goods being exported to other countries.

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 purpose 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	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
TOTAL	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	107,996.3
South East Asia	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	22,222.4
Malaysia	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	16,087.7
Thailand	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	3,288.7
Philippines	203.8	219.0	455.1	484.3	676.1	746.3	807.4	911.0	1,161.0	836.0	916.0
Brunei	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	1,174.7
North East Asia	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	28,987.5
Japan	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	14,591.9
Hong Kong	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	4,279.9
Taiwan	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	2,777.3
China, People's Rep	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	5,701.8
Republic of Korea	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	1,549.9
South Asia	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	3,615.8
India	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	1,557.9
Sri Lanka	95.8	67.7	111.1	218.8	316.3	371.8	412.3	678.5	658.1	405.1	519.6
Bangladesh	68.7	81.0	81.7	234.8	284.6	576.7	625.9	589.7	538.3	617.0	716.7
Pakistan	97.9	122.5	142.0	181.8	413.7	534.2	373.9	311.8	306.4	516.2	593.3
West Asia	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	10,672.1
Saudi Arabia	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	2,622.8
Iran	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	3,348.2
United Arab Emirates	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	1,984.3
Kuwait	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	1,252.0
Bahrein	148.5	311.0	314.8	308.2	490.8	735.7	746.5	981.1	577.3	528.3	276.4

10.1 TOTAL TRADE BY REGION AND SELECTED COUNTRY (continued)

Million Dollars

Region/Country	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
European Economic Community	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	11,548.9
United Kingdom	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	3,067.4
Germany, Fed Rep	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	2,700.4
France	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	2,091.7
Italy	335.1	396.4	486.8	575.9	840.7	1,017.2	957.4	951.1	1,210.6	1,437.0	1,378.7
Netherlands	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	1,189.4
European Free Trade Association	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	1,637.8
Switzerland	196.6	226.4	267.5	344.2	406.9	554.1	496.7	515.0	555.4	555.2	516.3
Other Western Europe	119.0	188.2	269.0	316.9	383.9	429.2	336.1	391.7	423.1	463.5	507.2
Socialist Countries of Eastern Europe	288.2	431.3	451.6	563.6	743.7	904.8	727.7	853.2	839.1	1,172.4	814.5
USSR	144.2	208.4	259.4	311.9	447.2	558.1	440.0	640.3	477.8	846.6	560.6
North America	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	19,947.7
United States	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	19,394.4
Canada	231.3	310.7	334.2	358.2	449.9	555.9	665.1	505.1	564.3	703.6	553.3
Latin American Free Trade Association	259.3	357.2	548.6	542.1	771.0	762.0	639.1	649.8	573.6	669.3	571.5
Brazil	93.7	168.5	228.9	285.6	381.4	330.2	250.7	306.5	250.5	331.5	301.7
Oceania	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	4,884.2
Australia	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	3,168.6
New Zealand	299.8	258.3	281.6	328.5	560.8	939.1	794.8	891.8	607.1	621.9	857.7
Rest of the World	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	2,586.7

10.2 IMPORTS BY REGION AND SELECTED COUNTRY

Million Dollars

Region/Country	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
TOTAL	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	57,817.5
South East Asia	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	10,764.4
Malaysia	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	8,301.0
Thailand	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	1,196.3
Philippines	68.1	91.6	167.0	148.9	160.6	160.2	226.7	218.9	271.3	395.0	437.4
Brunei	5.8	52.1	145.5	226.8	379.2	424.2	691.1	477.6	404.4	415.4	536.6
North East Asia	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	18,794.7
Japan	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	9,869.7
Hong Kong	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	1,082.5
Taiwan	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	1,922.1
China, People's Rep	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	4,971.7
Republic of Korea	144.9	206.8	260.3	334.6	423.9	584.7	661.3	743.8	904.0	784.0	930.3
South Asia	222.7	277.6	294.3	297.8	309.3	443.6	520.1	795.0	1,041.5	612.3	704.4
India	137.0	181.9	190.0	188.1	218.7	246.4	280.7	408.2	733.5	470.4	488.8
Sri Lanka	42.9	29.4	30.8	35.1	32.8	37.6	53.2	254.4	155.9	28.9	94.8
Bangladesh	4.9	15.1	10.9	18.5	8.7	42.8	30.4	21.4	17.1	43.1	52.1
Pakistan	28.6	40.2	44.8	43.0	36.5	91.5	125.3	94.2	120.8	60.9	60.3
West Asia	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	7,925.2
Saudi Arabia	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	2,034.2
Iran	1,001.8	822.3	1,004.7	862.2	561.2	473.7	753.4	1,931.1	1,208.3	733.0	2,474.5
United Arab Emirates	182.6	21.3	44.2	35.8	31.8	484.4	899.5	809.9	1,418.6	1,403.2	1,547.1
Kuwait	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	983.7
Bahrain	107.7	240.4	254.0	251.5	390.7	667.3	675.3	900.4	499.5	455.4	197.4

10.2 IMPORTS BY REGION AND SELECTED COUNTRY (continued)

Million Dollars

Region/Country	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
European Economic Community	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	6,413.5
United Kingdom	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	1,691.8
Germany, Fed Rep	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	1,574.4
France	266.8	284.0	310.7	441.4	484.3	699.0	967.6	1,124.6	1,050.1	1,022.7	1,327.7
Italy	211.7	185.2	243.4	318.6	423.7	484.2	543.0	589.5	766.6	905.5	832.9
Netherlands	280.5	219.5	241.5	280.8	373.9	520.8	462.6	452.1	507.2	492.7	550.9
European Free Trade Association	356.8	379.3	457.3	597.4	835.5	1,182.8	1,104.4	1,177.0	977.6	1,139.7	1,178.2
Switzerland	164.7	183.7	217.5	276.3	337.7	428.4	378.3	418.1	433.5	433.7	397.8
Other Western Europe	29.0	38.0	40.0	67.3	112.5	99.3	76.3	174.8	142.7	191.1	206.0
Socialist Countries of Eastern Europe	63.0	101.4	133.6	142.7	177.8	171.3	214.2	269.7	357.6	297.3	158.8
USSR	18.2	48.9	63.9	52.9	52.0	51.2	96.7	175.6	98.3	86.4	28.9
North America	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	8,970.8
United States	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	8,775.4
Canada	105.9	105.5	109.7	143.6	176.9	272.9	276.7	220.2	219.2	318.2	195.4
Latin American Free Trade Association	94.5	105.9	226.3	201.2	219.5	254.3	225.0	373.0	278.4	302.4	247.3
Brazil	43.5	64.7	107.3	137.0	129.7	168.2	131.4	212.8	147.8	186.4	163.6
Oceania	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	1,838.2
Australia	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	1,532.4
New Zealand	78.6	92.9	88.6	123.7	150.4	188.8	225.1	221.4	180.7	221.7	264.1
Rest of the World	215.4	258.2	272.5	357.5	483.1	714.9	698.0	1,046.1	775.2	476.7	616.0

10.3 EXPORTS BY REGION AND SELECTED COUNTRY

Million Dollars

Region/Country	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
TOTAL	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	50,178.8
South East Asia	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	11,458.0
Malaysia	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	7,786.7
Thailand	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	2,092.5
Philippines	135.7	127.4	288.1	335.4	515.5	586.1	580.7	692.1	889.7	441.0	478.6
Brunei	279.8	239.8	292.6	358.4	455.7	591.8	682.6	769.1	746.0	627.1	638.1
North East Asia	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	10,192.8
Japan	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	4,722.2
Hong Kong	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	3,197.4
Taiwan	131.1	166.7	292.3	349.2	450.6	702.0	606.6	575.8	687.5	829.6	855.2
China, People's Rep	98.5	95.4	144.7	130.7	369.6	657.9	377.3	516.7	449.8	519.3	730.2
Republic of Korea	106.9	182.6	313.6	400.1	500.4	621.9	621.5	678.4	964.6	814.2	619.5
South Asia	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	2,911.4
India	99.5	113.1	364.2	621.6	490.2	961.7	1,193.6	1,151.6	923.4	1,413.3	1,069.0
Sri Lanka	52.9	38.3	80.3	183.7	283.5	334.2	359.1	424.1	502.2	376.2	424.8
Bangladesh	63.8	65.9	70.8	216.3	275.8	533.9	595.5	568.3	521.2	573.9	664.6
Pakistan	69.3	82.3	97.2	138.8	377.2	442.7	248.6	217.6	185.6	455.3	533.0
West Asia	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	2,746.9
Saudi Arabia	205.3	199.4	293.5	373.8	702.9	824.6	1,064.6	1,275.5	974.7	1,363.5	588.5
Iran	63.8	69.4	81.4	139.3	59.6	200.9	208.4	549.8	821.6	724.8	873.7
United Arab Emirates	129.5	233.8	268.8	317.4	481.9	606.2	723.6	355.6	426.9	446.4	437.2
Kuwait	36.4	73.3	83.1	102.6	172.1	187.7	253.5	220.7	142.0	309.8	268.4
Bahrain	40.8	70.6	60.8	56.7	100.1	68.4	71.2	80.7	77.8	72.9	79.1

10.3 EXPORTS BY REGION AND SELECTED COUNTRY (continued)

Million Dollars

Region/Country	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
European Economic Community	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	5,135.4
United Kingdom	539.8	595.9	646.3	724.8	963.8	1,069.2	1,050.6	904.7	1,053.7	1,372.9	1,375.6
Germany, Fed Rep	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	1,126.0
France	224.7	402.1	444.9	448.5	671.7	906.1	796.4	671.2	662.0	637.6	764.0
Italy	123.4	211.2	243.4	257.3	417.0	533.0	414.4	361.6	444.0	531.5	545.8
Netherlands	242.9	273.9	399.6	413.4	719.4	784.0	732.3	759.2	536.7	628.6	638.5
European Free Trade Association	167.0	312.8	334.9	249.7	354.5	488.1	414.2	392.6	415.5	424.6	459.6
Switzerland	31.9	42.7	50.0	67.9	69.2	125.7	118.4	96.9	121.9	121.5	118.5
Other Western Europe	90.0	150.2	229.0	249.6	271.4	329.9	259.8	216.9	280.4	272.4	301.2
Socialist Countries of Eastern Europe	225.2	329.9	318.0	420.9	565.9	733.5	513.5	583.5	481.5	875.1	655.7
USSR	126.0	159.5	195.5	259.0	395.2	506.9	343.3	464.7	379.5	760.2	531.7
North America	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	10,976.9
United States	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	10,619.0
Canada	125.4	205.2	224.5	214.6	273.0	283.0	388.4	284.9	345.1	385.4	357.9
Latin American Free Trade Association	164.8	251.3	322.3	340.9	551.5	507.7	414.1	276.8	295.2	366.9	324.2
Brazil	50.2	103.8	121.6	148.6	251.7	162.0	119.3	93.7	102.7	145.1	138.1
Oceania	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	3,046.0
Australia	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	1,636.2
New Zealand	221.2	165.4	193.0	204.8	410.4	750.3	569.7	670.4	426.4	400.2	593.6
Rest of the World	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	1,970.7

10.4 DOMESTIC EXPORTS BY REGION AND SELECTED COUNTRY

Million Dollars

Region/Country	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
TOTAL	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	32,575.5
South East Asia	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	5,947.1
Malaysia	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	3,773.3
Thailand	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	1,424.1
Philippines	63.3	48.6	174.8	195.8	288.0	340.8	292.4	411.6	609.9	217.4	268.7
Brunei	127.0	93.1	118.3	151.1	190.0	268.5	283.3	315.0	281.7	215.9	226.7
North East Asia	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	7,218.4
Japan	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	3,860.2
Hong Kong	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	2,057.9
Taiwan	56.1	53.1	139.6	171.0	179.0	387.2	324.2	293.6	330.5	462.6	513.4
China, People's Rep	22.1	49.7	53.8	35.9	151.4	238.2	114.1	117.6	117.6	194.4	398.8
Republic of Korea	9.6	21.4	96.0	118.3	168.6	292.1	343.3	449.5	711.2	547.2	371.7
South Asia	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	1,472.1
India	60.9	61.8	144.7	349.4	224.2	676.3	881.3	840.5	573.6	1,042.8	667.6
Sri Lanka	38.9	23.6	42.6	115.8	164.6	193.1	180.6	251.0	290.4	145.4	183.5
Bangladesh	22.5	22.5	15.5	112.3	181.0	356.6	446.1	454.7	226.1	416.4	485.7
Pakistan	25.8	31.3	36.2	55.2	111.4	126.8	81.7	64.2	63.7	86.4	82.4
West Asia	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	1,634.3
Saudi Arabia	156.6	123.3	178.0	251.7	462.7	467.7	532.6	510.0	560.0	408.5	300.7
Iran	20.4	35.1	26.1	59.0	20.8	60.7	93.6	505.0	719.5	614.0	742.1
United Arab Emirates	70.2	139.0	199.9	209.9	355.9	438.4	539.0	179.4	175.7	211.3	222.9
Kuwait	23.0	50.5	64.2	71.7	126.0	100.4	188.2	123.0	87.8	99.4	62.6
Bahrein	20.8	38.8	43.4	39.0	80.5	49.0	40.8	43.3	39.1	34.1	44.3

10.4 DOMESTIC EXPORTS BY REGION AND SELECTED COUNTRY (continued)

Million Dollars

Region/Country	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
European Economic Community	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	3,347.5
United Kingdom	334.3	363.2	359.6	442.5	666.1	690.1	752.8	648.1	750.8	1,057.5	1,026.6
Germany, Fed Rep	360.0	432.2	505.0	501.6	672.1	942.0	827.2	721.9	767.0	880.6	798.2
France	114.7	193.9	211.4	208.4	343.4	489.6	540.3	501.9	466.8	418.8	387.0
Italy	52.4	74.6	105.0	118.4	199.5	320.8	269.2	254.4	344.3	444.8	456.1
Netherlands	162.9	154.1	218.6	220.9	328.6	454.3	410.5	516.8	239.1	253.8	370.7
European Free Trade Association	141.6	269.2	276.2	189.1	250.0	357.5	320.3	302.5	319.3	324.0	308.2
Switzerland	28.1	36.1	42.8	59.1	50.4	87.1	78.1	70.8	86.6	76.3	73.5
Other Western Europe	16.1	14.2	33.4	31.2	42.1	75.3	77.4	65.5	75.9	65.0	94.5
Socialist Countries of Eastern Europe	69.2	70.4	91.7	85.6	108.5	171.6	165.2	201.9	225.1	558.7	394.9
USSR	40.5	40.1	54.0	53.4	62.1	101.8	92.6	143.2	180.2	514.6	328.2
North America	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	8,367.9
United States	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	8,159.3
Canada	66.8	94.3	93.5	86.7	121.9	134.3	164.1	134.6	187.9	207.3	208.6
Latin American Free Trade Association	21.8	11.0	17.7	29.2	126.5	468.5	100.2	84.5	73.1	105.1	132.0
Brazil	3.1	5.9	8.6	12.1	79.6	26.4	21.0	40.1	39.8	60.6	65.2
Oceania	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	2,468.8
Australia	422.4	580.4	666.0	671.0	871.4	1,344.8	1,428.0	1,299.4	984.4	1,279.8	1,252.2
New Zealand	191.6	122.4	141.6	149.7	344.0	683.6	486.0	579.3	337.4	323.4	510.6
Rest of the World	388.2	501.7	744.9	620.6	820.4	884.4	1,718.4	1,670.0-	1,598.7	1,452.6	1,189.8

10.5 IMPORTS BY COMMODITY

Million Dollars

Commodity	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
TOTAL	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	57,817.5
Food	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	3,535.4
Cereals & Cereal Preparations	393.2	374.5	436.8	438.3	573.2	694.3	754.0	823.4	636.7	980.5	428.1
Fruits & Vegetables	376.8	445.7	487.8	547.2	599.3	674.1	792.2	805.0	857.8	913.9	899.1
Coffee & Spices	207.6	312.1	439.6	384.5	439.8	388.7	464.8	592.4	660.2	808.7	882.6
Beverages & Tobacco	130.3	139.4	150.0	176.0	207.3	276.0	282.2	339.5	416.2	460.6	501.0
Crude Materials	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	1,988.0
Rubber	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	1,003.1
Wood	169.4	270.1	291.5	328.3	461.4	423.6	388.0	360.4	353.1	296.1	249.4
Mineral Fuels	4,734.1	6,140.9	6,524.2	7,081.5	9,672.7	14,889.2	19,831.1	20,479.6	18,611.7	16,961.3	17,031.0
Petroleum & Petroleum Products	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	17,019.9
Animal & Vegetable Oils	242.0	257.8	478.9	491.1	829.4	1,001.0	721.8	671.5	632.1	1,435.9	1,380.5
Unprocessed Vegetable Oils	198.0	186.6	272.7	190.0	414.0	239.6	226.9	114.2	202.0	440.9	293.9
Chemicals	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	2,890.4
Chemical Compounds	204.3	305.1	311.0	355.1	571.4	715.7	753.0	723.5	821.2	859.1	772.0
Plastic Materials	164.5	247.6	307.6	400.1	591.3	648.2	643.3	687.0	808.1	829.3	721.3
Medicinal Products	150.2	119.2	160.9	161.4	173.2	206.8	203.6	210.7	207.0	222.2	239.0
Manufactured Goods by Materials	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	7,082.4
Textile Manufactures	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	1,871.5
Non-metal Mineral Manufactures	354.5	356.6	406.1	532.7	633.8	904.2	955.7	1,025.7	1,198.4	1,280.6	1,013.7
Iron & Steel	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	1,425.1
Metal Manufactures	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	1,253.6
Paper & Paperboard & Related Articles	170.7	221.4	242.0	310.7	377.1	502.9	532.8	501.7	556.4	647.7	575.4
Machinery & Transport Equipment	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	18,317.2
Non-electric Machinery	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	6,624.6
Electric Machinery	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	8,238.1
Transport Equipment	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	3,454.6
Miscellaneous Manufactured Articles	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	4,193.6
Scientific & Optical Instruments	258.7	289.0	335.5	439.6	596.0	797.1	938.0	1,034.4	998.2	1,070.6	1,129.4
Watches & Clocks	233.1	291.7	321.4	385.9	377.7	576.3	541.9	550.4	537.6	475.6	424.7
Miscellaneous Transactions nes	272.9	267.3	425.7	356.4	510.9	667.4	643.2	576.3	651.1	850.2	898.0

10.6 EXPORTS BY COMMODITY

Million Dollars

Commodity	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
TOTAL	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	50,178.8
Food	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	2,193.1
Cereals & Cereal Preparations	125.1	77.9	150.5	169.4	224.1	357.5	449.5	609.7	274.7	839.1	186.5
Fruits & Vegetables	150.6	165.3	191.9	205.1	223.3	252.8	303.2	320.9	342.9	375.9	366.2
Coffee & Spices	259.2	380.2	570.3	594.0	597.5	627.4	659.2	745.5	720.3	960.7	988.2
Beverages & Tobacco	40.9	48.9	65.2	99.9	131.6	157.2	174.3	217.0	210.0	209.8	240.8
Crude Materials	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	2,699.7
Rubber	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	1,496.1
Wood	153.7	307.0	330.0	408.0	657.7	585.0	426.4	378.4	398.8	365.0	327.9
Mineral Fuels	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	13,594.2
Petroleum & Petroleum Products	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	13,456.1
Animal & Vegetable Oils	245.5	249.3	474.7	513.5	858.1	1,095.5	820.0	780.3	628.2	1,540.5	1,535.2
Unprocessed Vegetable Oils	232.7	217.3	386.5	347.8	684.6	840.6	581.7	560.9	451.5	1,115.7	1,128.1
Chemicals	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	2,716.9
Chemical Compounds	72.5	105.7	117.8	152.2	231.7	282.6	346.0	380.5	547.2	882.4	917.6
Medicinal Products	173.9	194.0	213.7	233.5	267.5	323.3	319.2	342.8	329.8	259.8	298.1
Plastic Materials	59.2	93.2	121.4	155.7	205.8	220.6	220.5	243.4	263.2	486.3	680.1
Manufactured Goods by Materials	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	3,597.8
Wood Manufacture	200.7	279.6	297.5	351.4	482.5	549.2	539.3	495.9	536.4	481.0	484.3
Textile Manufactures	308.9	443.5	467.3	606.3	787.9	793.2	737.0	745.6	810.2	781.1	776.9
Iron & Steel	206.0	187.1	263.3	400.4	362.4	454.3	586.3	707.5	411.2	461.5	457.8
Metal Manufactures	158.3	175.7	228.5	287.1	389.5	450.7	578.5	516.9	509.6	530.3	570.6
Machinery & Transport Equipment	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	16,567.4
Non-electric Machinery	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	6,011.5
Electric Machinery	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	8,855.0
Transport Equipment	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	1,701.0
Miscellaneous Manufactured Articles	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	3,378.2
Clothing	277.8	448.7	514.1	672.2	811.0	912.8	990.1	979.7	1,002.1	1,170.9	1,176.5
Scientific & Optical Instruments	180.9	167.0	192.7	200.0	344.8	410.0	481.7	414.6	510.0	594.1	660.4
Watches & Clocks	114.5	235.1	184.9	223.6	189.8	221.8	250.9	232.9	246.2	230.2	200.9
Miscellaneous Transactions nes	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	3,655.5

10.7 DOMESTIC EXPORTS BY COMMODITY

Million Dollars

Commodity	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
TOTAL	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	32,575.5
Food	278.1	204.9	296.5	343.9	450.1	600.6	536.7	449.5	469.1	483.9	478.1
Animal Feeding Stuffs	36.5	34.7	65.0	64.6	74.8	83.6	57.6	42.6	38.6	46.9	36.3
Beverages & Tobacco	25.8	29.7	43.6	74.4	88.0	102.7	116.2	134.1	114.7	102.4	103.4
Crude Materials ¹	44.9	62.3	73.9	85.3	129.3	152.3	140.0	125.3	179.6	172.3	189.7
Mineral Fuels ²	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	12,982.1
Animal & Vegetable Oils	56.1	62.6	129.4	170.7	229.8	393.7	470.3	482.6	401.9	670.1	629.7
Chemicals	208.2	268.3	325.5	389.2	458.0	572.9	609.7	690.7	869.7	1,333.8	1,597.7
Medicinal Products	135.7	152.5	168.8	183.4	205.5	258.2	237.4	260.3	241.3	172.1	207.0
Plastic Materials	23.4	48.1	66.5	95.1	92.7	99.6	100.6	108.5	106.5	325.9	522.4
Manufactured Goods by Materials	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	1,215.4
Wood Products excluding Furniture	144.7	195.3	199.2	252.9	366.7	414.3	363.6	289.5	286.5	251.7	228.8
Textile Yarn Thread	43.9	84.5	76.4	101.7	152.8	137.9	96.7	76.1	68.4	58.0	43.0
Woven Textile Fabrics	64.1	87.6	91.8	97.4	115.0	124.2	119.1	104.6	68.5	48.9	31.0
Lime, Cement & Fabricated											
Construction Materials	30.0	20.1	24.6	47.4	61.2	75.7	79.8	71.0	48.9	84.2	62.7
Iron & Steel Pipes & Fittings	19.1	19.3	72.3	117.9	31.5	35.8	47.8	67.7	32.8	38.7	59.4
Machinery & Transport Equipment	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	10,136.3
Office Machines	175.3	155.8	173.4	156.0	195.5	263.7	282.6	382.5	818.6	2,168.8	2,515.7
Other Non-electric Machines	86.7	118.3	160.4	205.2	220.4	158.8	357.1	434.5	490.7	579.6	581.6
Electric Generators	87.6	126.2	166.6	193.9	230.4	330.2	503.0	611.2	1,045.6	1,183.1	1,414.1
Telecommunications Apparatus	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	2,128.4
Other Electric Machinery	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	2,358.3
Ships, Boats & Oil Rigs	279.2	537.0	479.9	290.7	455.7	587.7	965.9	764.7	982.7	633.5	102.8
Miscellaneous Manufactured Articles	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	2,220.4
Clothing	236.2	372.9	440.0	558.9	670.3	757.3	800.3	752.8	765.2	891.3	876.9
Scientific & Optical Instruments	132.3	114.2	125.8	115.6	198.0	236.6	238.6	166.2	209.3	256.0	291.1
Watches & Clocks	84.6	175.4	108.0	136.3	109.9	143.5	175.2	150.1	157.2	131.7	103.4
Printed Matters	42.1	48.5	87.7	75.0	77.3	90.5	115.2	110.6	112.0	120.2	136.9
Toys & Games	23.7	35.2	78.6	84.7	97.3	147.9	175.4	151.5	138.7	185.5	200.5
Miscellaneous Transactions nes	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	3,022.8
Oil Bunkers	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	2,858.0

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
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
1985	274.7	109.2	196.8	410.5	288.1	118.3	981.8	191.5	12,850.3

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
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
1985	4,169.6	293.9	239.0	411.5	141.0	1,351.9	775.0	435.2	2,382.0

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
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
1985	1,121.2	1,726.9	1,862.2	760.4	909.1	654.4	1,129.4	424.7	222.4

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
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
1985	305.4	313.4	83.8	1,491.5	301.7	13,418.2	1,128.1	298.1	127.5

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
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
1985	200.5	483.5	105.3	562.7	167.0	263.3	2,276.0	3,008.9	861.1

10.9 EXPORTS OF SPECIFIC COMMODITY (continued)

Million Dollars

Year	Telecommunications Apparatus	Household Equipment	Motor Vehicles	Ships, Boats & Oil Rigs	Furniture	Clothing	Scientific & Optical Instruments	Watches & Clocks	Printed Matters
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
1985	2,780.8	423.2	325.6	426.4	163.9	1,176.5	660.4	200.9	180.3

11 TRANSPORT AND COMMUNICATIONS

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.

From 1978, data on returning citizens/residents exclude all 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)	1981		1982		1983		1984		1985	
	No.	'000 GRT	No.	'000 GRT	No.	'000 GRT	No.	'000 GRT	No.	'000 GRT
Total	1,682	7,776	1,780	7,730	1,743	7,140	1,555	6,864	1,406	6,622
Non-propelled or Below 100	898	498	974	592	945	582	824	520	727	475
100 & Above	784	7,278	806	7,138	798	6,558	731	6,344	679	6,147

Source : Marine Department

11.2 AGE DISTRIBUTION OF VESSELS REGISTERED IN SINGAPORE, DECEMBER 1985

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	396	1,243	445	1,836	350	2,646	145	662	41	120	22	96	7	19
Non-propelled or Below 100	251	165	292	198	148	100	29	10	4	2	2	-	1	-
100 to Below 500	61	16	52	12	54	14	28	9	12	4	1	-	2	1
500 to Below 1,000	18	13	4	3	14	13	16	15	5	4	3	3	-	-
1,000 to Below 5,000	18	39	22	69	31	111	32	82	13	33	9	19	2	5
5,000 to Below 10,000	10	85	17	133	35	259	21	170	5	41	2	13	2	13
10,000 & Above	38	925	58	1,421	68	2,149	19	376	2	36	5	61	-	-

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
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
1985	2,383	1	1,223	514	645	446	415	31

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

Source : Marine Department
Primary Production Department
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
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
1985	55,284	171,367	54,628	170,507	27,817	165,294	27,566	165,593	27,467	6,073	27,062	4,914

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
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
1985	59,236.5	20,806.5	38,430.0	40,308.7	15,128.1	25,180.6

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	1981		1982		1983		1984		1985	
	Discharged	Loaded	Discharged	Loaded	Discharged	Loaded	Discharged	Loaded	Discharged	Loaded
ALL COUNTRIES	53,598.7	33,745.1	59,995.9	35,665.0	63,848.9	36,277.6	63,849.0	40,344.4	59,236.5	40,308.7
South East Asia	7,807.4	7,720.8	10,786.8	8,897.9	12,490.0	10,033.8	11,816.2	9,960.1	11,970.0	9,933.5
Peninsular Malaysia (West Coast)	515.4	2,288.1	748.8	3,047.1	791.3	2,972.1	1,319.4	3,252.7	1,536.4	3,608.3
Peninsular Malaysia (East Coast)	2,611.8	325.7	3,584.5	750.5	4,356.3	865.3	3,997.8	866.5	3,602.8	915.7
Sabah-Sarawak	1,575.5	1,336.3	2,845.6	1,346.2	3,518.6	1,104.9	2,905.0	842.3	2,629.4	943.2
Thailand	1,637.4	2,546.6	1,800.2	2,361.8	1,845.3	3,072.9	2,002.4	4,004.2	2,123.3	3,050.2
North East Asia	9,632.7	12,669.6	11,083.0	12,838.0	12,459.6	12,081.5	14,711.5	12,702.8	17,761.8	12,552.1
China, People's Rep	1,451.6	275.9	1,627.3	559.0	1,534.1	315.4	4,577.9	277.5	9,642.8	396.3
Hong Kong	935.5	5,793.8	1,194.1	5,578.5	1,227.3	4,642.4	1,024.0	4,454.3	1,071.7	4,483.7
Japan	5,521.0	5,527.0	5,975.3	5,471.7	6,466.0	5,433.7	5,237.0	6,261.0	3,943.9	6,311.5
Taiwan	1,064.3	499.0	1,448.5	477.5	2,124.4	602.8	2,698.5	773.2	2,268.2	971.3
South Asia	620.6	2,403.2	994.3	2,355.1	1,262.3	2,180.1	596.8	3,230.5	1,135.1	2,970.5
Red Sea & Persian Gulf Area	28,055.9	2,613.6	28,084.5	3,400.4	26,755.3	3,451.7	26,066.8	4,635.9	17,519.1	3,121.1
Bahrain	1,629.4	66.7	1,691.0	107.0	1,147.4	94.1	966.3	100.6	535.9	122.0
Iran	1,230.9	144.8	4,070.8	659.5	2,206.0	1,294.3	2,312.8	979.2	5,461.9	1,389.2
Kuwait	3,185.4	322.9	3,040.1	290.6	4,074.3	213.5	6,067.4	305.1	2,928.6	261.1
Saudi Arabia	19,300.4	948.3	17,504.4	1,570.6	14,087.3	989.4	11,516.2	2,330.2	4,644.9	590.1
Mediterranean Sea (excluding France)	392.7	433.2	726.1	426.0	872.3	708.0	730.6	504.8	992.4	755.8
Other Africa	797.5	761.9	739.0	604.4	621.8	636.3	454.2	698.3	370.2	596.0
Atlantic Europe	2,203.7	1,830.9	2,293.4	1,774.1	3,179.5	1,742.5	2,947.9	1,734.9	2,891.1	2,247.6
France	294.0	313.4	320.0	289.5	406.3	275.1	359.2	269.2	566.2	314.5
Germany, Fed Rep	675.7	373.2	757.2	350.9	774.2	390.5	868.2	433.0	697.2	452.7
Netherlands	562.5	595.2	485.5	699.9	656.7	531.7	704.1	505.4	623.0	692.9
United Kingdom	391.3	390.5	428.9	324.9	876.8	419.1	598.6	385.1	638.9	628.7
Northern Europe	90.5	119.8	132.6	82.8	200.7	85.4	227.4	61.7	170.2	70.9
Soviet Union & Other Eastern Europe	182.0	150.5	417.6	235.6	457.8	121.9	250.4	262.3	255.9	216.5
Oceania	1,498.3	3,688.0	1,981.5	3,966.4	1,948.8	3,309.4	3,477.0	3,965.9	3,030.4	3,967.8
Australia (West Coast)	301.6	905.0	274.6	875.5	434.1	960.1	789.5	1,021.3	706.0	939.2
Australia (East Coast)	1,033.5	968.3	1,477.4	1,128.8	1,276.5	733.8	2,309.0	1,391.2	1,932.6	1,041.4
New Zealand	103.4	672.9	191.9	842.8	138.5	559.2	330.3	484.3	317.5	935.2
North America	2,144.9	1,127.2	2,301.1	950.6	3,212.1	1,555.0	2,251.8	2,415.8	2,911.9	3,673.6
United States (Atlantic Ports)	540.2	662.2	645.7	516.2	1,192.4	1,011.0	814.9	1,426.7	1,050.8	2,705.4
United States (Pacific Ports)	1,297.5	325.0	1,407.2	379.7	1,743.6	368.1	804.7	872.9	1,628.9	802.3
Central & South America	172.5	226.4	456.0	133.7	388.7	372.0	318.4	171.4	228.4	203.3

Note : See note to Table 11.5.

11.7 CIVIL AIRCRAFT LANDINGS, PASSENGERS AND MAIL

Year	Aircraft Landings	Passengers			Mail	
		Arrival	Departure	In Transit	In-coming	Out-going
	Number	Persons			Tonnes	
1975	32,191	1,647,081	1,676,963	712,105	1,655	2,818
1976	32,710	1,859,505	1,880,888	795,465	1,759	2,899
1977	33,542	2,106,710	2,118,109	899,084	2,040	3,378
1978	35,376	2,410,255	2,404,128	935,415	2,746	3,267
1979	37,009	2,720,180	2,710,067	1,064,077	3,619	3,798
1980	37,956	3,140,723	3,151,032	1,002,794	3,975	4,076
1981	35,652	3,597,104	3,578,108	976,946	4,291	4,244
1982	34,068	3,787,411	3,791,145	1,033,256	4,043	4,286
1983	33,776	3,830,720	3,855,604	992,828	4,322	4,708
1984	35,327	4,180,752	4,221,117	1,063,782	4,308	4,978
1985	36,600	4,323,587	4,397,908	1,135,335	4,711	5,741

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

Tonnes

Country of Origin or Destination	1981		1982		1983		1984		1985	
	Discharged	Loaded	Discharged	Loaded	Discharged	Loaded	Discharged	Loaded	Discharged	Loaded
Total	100,931	96,172	120,715	101,589	144,722	116,203	163,726	134,211	167,388	132,631
Australia	7,833	7,380	10,800	7,025	16,135	8,018	18,321	9,397	23,459	9,448
France	1,277	2,569	1,539	2,383	1,658	2,130	2,022	2,447	1,986	2,529
Germany	2,622	3,577	2,130	3,093	2,347	3,618	2,721	3,243	2,905	3,040
Hong Kong	12,171	5,748	11,826	6,991	11,584	8,668	11,235	9,135	11,152	8,901
India	2,042	1,888	2,228	2,836	3,104	3,226	3,748	4,041	4,220	4,590
Indonesia	8,226	17,470	10,950	17,633	14,816	13,232	15,977	12,461	14,284	11,949
Italy	729	542	1,047	585	1,385	675	1,653	992	1,499	742
Japan	15,429	6,617	15,943	6,980	20,207	9,599	18,214	12,970	19,078	12,442
Malaysia	4,859	9,419	5,653	10,087	6,538	11,488	8,174	14,619	7,499	14,252
Netherlands	5,080	3,397	4,263	3,281	4,994	4,778	6,360	5,633	6,105	5,452
New Zealand	1,817	1,604	2,493	2,072	2,773	2,211	3,470	2,662	4,098	2,494
Philippines	2,229	2,091	2,678	2,571	3,041	2,730	3,884	3,648	3,476	3,686
Scandinavia	1,713	1,163	2,473	1,407	2,815	1,598	2,669	1,400	2,756	1,224
Switzerland	2,222	2,230	2,533	2,585	2,871	2,877	2,729	3,219	3,193	3,462
Taiwan	4,895	1,267	7,763	1,552	8,526	1,658	12,645	2,493	11,353	2,660
Thailand	6,848	4,534	11,143	4,648	11,331	5,531	13,770	6,161	15,506	6,057
United Kingdom	2,502	4,900	2,492	3,797	2,774	5,327	3,010	6,123	2,796	6,670
United States	7,101	4,561	8,643	5,864	13,265	9,411	13,493	11,782	14,294	11,017
Other Countries	11,336	15,215	14,118	16,199	14,558	19,428	19,631	21,785	17,729	22,016

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
1975	1,709,427	1,647,081	62,346	1,738,655	1,676,963	61,692
1976	1,930,947	1,859,505	71,442	1,944,778	1,880,888	63,890
1977	2,165,054	2,106,710	58,344	2,172,519	2,118,109	54,410
1978	2,474,489	2,410,255	64,234	2,465,313	2,404,128	61,185
1979	2,793,134	2,720,180	72,954	2,774,062	2,710,067	63,995
1980	3,237,147	3,140,723	96,424	3,232,956	3,151,032	81,924
1981	3,712,704	3,597,104	115,600	3,691,285	3,578,108	113,177
1982	3,889,865	3,787,411	102,454	3,898,229	3,791,145	107,084
1983	3,907,329	3,830,720	76,609	3,938,505	3,855,604	82,901
1984	4,263,185	4,180,752	82,433	4,305,168	4,221,117	84,051
1985	4,430,187	4,323,587	106,600	4,503,248	4,397,908	105,340

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

11.10 AIR PASSENGERS BY COUNTRY OF EMBARKATION AND DISEMBARKATION

Number

Country of Embarkation or Disembarkation	1981		1982		1983		1984		1985	
	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures
Total	3,597,104	3,578,108	3,787,411	3,791,145	3,830,720	3,855,604	4,180,752	4,221,117	4,323,587	4,397,908
ASEAN	2,075,725	1,966,319	2,136,977	2,058,211	2,073,973	2,038,462	2,218,508	2,181,639	2,201,755	2,191,251
India, Pakistan & Sri Lanka	140,734	167,215	153,654	183,512	173,435	194,076	202,744	219,136	205,129	227,631
Hong Kong	330,374	326,371	342,300	334,130	360,774	339,837	402,072	382,020	417,847	395,063
Japan	210,129	213,852	241,951	261,238	249,100	267,248	260,915	275,998	292,770	305,176
Taiwan	70,260	80,106	76,657	81,840	80,472	88,052	97,709	105,825	95,990	96,324
Other Countries in Asia	75,846	78,696	84,995	90,777	97,085	97,383	132,399	142,582	154,534	169,602
Australia	238,785	273,638	273,211	302,080	301,923	308,378	329,238	352,676	354,005	390,631
Other Countries in Oceania	52,152	62,789	58,162	65,912	58,978	63,533	65,386	71,565	73,883	78,368
United Kingdom	116,939	108,468	130,082	115,706	130,719	136,848	146,884	131,267	177,613	156,220
Netherlands	58,774	54,121	55,434	47,081	55,227	47,370	59,683	54,620	63,592	56,072
Other Countries in Europe	168,860	165,062	167,913	170,740	178,572	191,015	192,350	220,123	206,209	239,761
United States	58,526	81,238	66,075	79,914	70,462	83,402	72,864	83,666	66,111	75,505
Other Countries	-	233	-	4	-	-	-	-	14,149	16,304

Note : Data exclude transit passengers who continued their journey on the same flight.

11.11 VISITOR ARRIVALS BY CITIZENSHIP

(By Air, Sea and Land)

Thousand

Citizenship	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	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	3,031.0
ASEAN	317.8	368.8	443.5	727.9	775.1	879.4	966.7	1,036.4	928.3	927.5	890.4
India	32.9	31.3	34.8	97.8	124.5	149.6	173.8	168.4	202.7	237.7	259.0
Pakistan	3.9	4.6	5.9	9.8	12.9	17.1	17.7	16.8	18.0	21.5	23.0
Sri Lanka	7.8	7.9	8.9	14.5	16.9	18.8	24.3	24.1	25.8	28.4	28.4
China & Taiwan	28.5	29.5	35.6	35.9	59.6	64.1	59.1	68.7	72.4	88.6	95.4
Japan	119.9	141.5	190.6	218.7	261.0	298.6	365.2	389.1	381.4	383.3	390.2
Australia	166.2	190.1	190.8	204.8	187.8	216.9	231.8	246.5	227.1	252.2	261.9
New Zealand	24.2	28.6	35.9	43.2	50.9	56.1	52.9	56.7	54.4	56.2	54.2
United Kingdom	122.6	124.2	132.2	168.0	182.3	197.6	215.8	227.2	222.8	223.6	229.9
UK Dependencies nec	18.1	20.0	22.7	35.1	42.4	56.8	60.5	65.2	61.7	63.6	61.0
France	28.2	35.1	37.7	45.0	50.5	49.3	53.2	49.5	44.8	50.2	49.6
Germany, Fed Rep	35.4	39.8	45.0	60.3	68.7	78.7	85.1	73.3	72.7	78.6	79.3
Italy	14.9	13.6	15.8	22.5	23.9	27.3	26.4	24.3	23.0	27.4	27.9
Netherlands	25.8	31.0	38.1	45.9	51.3	56.6	59.0	50.9	50.7	50.0	50.0
Other European Countries	45.6	54.5	62.6	78.4	95.7	107.6	118.8	112.0	112.3	126.0	140.3
United States	130.5	147.3	143.3	153.8	144.6	163.5	172.4	181.1	196.2	201.1	197.8
Canada	14.9	16.9	19.3	21.9	22.5	26.5	30.6	32.3	35.3	34.1	38.0
Other Countries	32.1	35.9	44.0	63.7	76.5	97.6	115.6	134.2	124.0	141.4	154.7

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.

Source : Singapore Tourist Promotion Board

11.12 VISITOR ARRIVALS BY COUNTRY OF RESIDENCE

(By Air, Sea and Land)

Thousand

Country of Residence	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	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	3,031.0
ASEAN	382.4	438.1	517.1	855.2	909.2	1,028.0	1,116.7	1,182.7	1,062.6	1,057.0	1,008.5
India	25.6	23.3	24.5	55.8	70.4	85.5	116.9	121.5	154.4	192.7	218.5
Pakistan	3.7	4.1	5.2	8.2	11.0	15.1	15.4	14.5	15.7	19.1	20.9
Sri Lanka	6.8	6.7	7.3	11.1	13.5	15.5	21.0	21.2	23.1	25.7	25.2
China & Taiwan	17.1	18.1	23.2	30.6	52.1	57.0	56.1	66.4	70.9	85.2	91.8
Hong Kong	37.2	40.2	44.1	52.1	62.7	82.5	85.7	92.9	92.9	98.5	97.7
Japan	118.7	139.5	188.9	209.3	250.3	287.4	354.8	378.5	370.6	369.5	377.7
Other Countries in Asia	18.5	20.7	30.1	47.5	60.7	75.3	87.2	101.3	102.9	111.6	120.5
Australia	194.2	217.0	216.1	228.9	206.4	239.2	258.6	282.0	259.4	291.1	300.8
New Zealand	28.8	34.7	44.1	51.7	60.8	63.0	58.0	59.9	57.0	58.9	57.5
United Kingdom	74.4	72.8	78.2	99.8	117.3	128.4	145.0	149.9	150.4	150.2	158.4
France	22.7	28.8	31.0	37.0	42.0	40.2	44.7	41.1	37.1	42.2	41.4
Germany, Fed Rep	31.0	35.6	39.9	55.0	63.5	73.0	79.8	68.1	67.3	72.8	73.9
Italy	14.0	12.8	15.0	20.9	22.8	26.3	25.3	23.0	21.5	25.6	26.0
Netherlands	18.5	23.1	29.6	36.7	42.2	47.1	49.6	41.4	40.6	40.2	40.5
Other European Countries	39.5	48.9	56.3	71.2	88.0	98.4	103.1	100.9	101.2	114.0	128.2
United States	106.2	122.3	118.1	126.2	118.7	135.8	143.6	150.7	167.4	176.9	176.3
Canada	12.7	14.6	16.4	18.1	17.9	20.9	24.2	25.0	27.8	26.9	31.0
Other Countries	17.3	19.3	21.6	31.9	37.6	43.5	43.2	35.7	30.8	33.3	36.2

Note : See notes to Table 11.11.

Source : Singapore Tourist Promotion Board

11.13 VISITOR ARRIVALS BY COUNTRY OF EMBARKATION

(By Air, Sea and Land)

Thousand

Country of Embarkation	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	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	3,031.0
ASEAN	691.3	759.2	862.7	1,330.4	1,420.1	1,613.8	1,757.9	1,818.0	1,695.1	1,706.1	1,668.0
India, Pakistan & Sri Lanka	39.6	42.4	47.5	66.3	78.0	85.0	104.9	112.3	129.7	157.9	164.9
Hong Kong	78.1	93.1	106.9	118.1	125.6	153.4	166.9	171.2	178.3	196.5	196.7
Taiwan	12.5	16.7	19.2	22.1	29.1	32.5	34.0	36.8	40.7	46.3	46.9
Japan	56.2	72.5	99.8	106.3	148.3	173.8	224.4	238.2	218.6	216.8	230.9
Other Countries in Asia	17.8	16.1	22.9	32.0	45.4	48.9	51.9	55.7	59.3	72.2	84.4
Australia & New Zealand	126.9	147.6	156.3	159.0	160.7	189.3	208.2	232.4	226.9	264.8	279.1
United Kingdom	64.6	68.6	76.7	78.3	83.5	88.7	87.8	101.9	103.6	113.8	126.5
Other Countries in Europe	62.0	77.5	92.8	101.1	117.3	134.1	143.0	138.5	141.8	158.9	169.0
United States	10.9	14.7	11.6	6.6	14.6	24.3	29.3	30.1	32.4	32.4	31.1
Africa	1.5	1.1	0.3	0.5	0.9	1.2	1.7	1.4	1.2	1.1	7.1
Other Countries	7.9	11.1	10.0	26.5	23.6	17.1	18.9	20.2	26.0	24.6	26.4

Note : See notes to Table 11.11.

Source : Singapore Tourist Promotion Board

11.14 VISITOR ARRIVALS BY PURPOSE OF VISIT

(By Air, Sea and Land)

Number

Year	Total	Vacation	Business	Business/Vacation	Others
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
1985	3,030,970	1,904,345	395,655	162,441	568,529

Note : See notes to Table 11.11.

Source : Singapore Tourist Promotion Board

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

Days

	1978	1979	1980	1981	1982	1983	1984	1985
TOTAL	4.5	4.8	4.8	4.7	4.5	4.4	4.8	4.5
Purpose of Visit								
Holiday	4.4	4.8	4.9	4.8	4.7	4.7	4.8	4.6
Business	4.4	4.6	4.5	4.4	4.2	4.2	4.4	4.2
Business & Pleasure	5.2	5.6	5.7	5.6	5.3	5.4	5.7	5.3
In Transit	1.1	1.1	1.0	0.9	0.8	0.9	0.9	0.8
Convention	5.3	5.2	4.9	5.2	5.1	5.6	5.0	4.9
Others	11.1	10.9	8.8	8.6	6.4	6.8	9.6	7.4
Type of Accommodation								
Hotel	3.4	3.6	3.7	3.7	3.7	3.6	3.6	3.5
Residence of Friends/Relatives	9.1	10.0	10.3	9.9	8.9	8.9	9.9	9.7
Own Residence	23.7	20.4	17.5	14.6	11.4	11.9	18.4	13.5
Others	5.1	6.0	6.1	5.9	5.3	5.6	7.7	6.4

Source : Singapore Tourist Promotion Board

11.16 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	
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	12,880.7	24,232.4
1984	2,991.4	51	16,440	75.5	12,569.3	25,342.1
1985	3,031.0	59	19,018	65.9	10,998.5	23,557.1

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

Source : Singapore Tourist Promotion Board
Customs & Excise Department

11.17 RETURNING SINGAPORE RESIDENTS BY COUNTRY OF EMBARKATION

(By Air and Sea)

Number

Country of Embarkation	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	173,221	186,369	208,973	230,167	265,283	299,876	330,118	385,728	433,849	481,855	526,016
ASEAN	105,694	110,851	120,701	117,449	139,599	159,560	174,505	201,410	219,244	243,691	263,233
India, Pakistan & Sri Lanka	9,976	11,374	13,483	14,237	17,832	22,204	23,127	23,322	24,308	24,928	24,121
Hong Kong	23,161	28,862	32,819	32,255	40,177	50,458	55,890	70,663	86,774	99,284	112,441
Taiwan	5,467	6,188	6,603	7,511	9,672	11,174	12,931	14,256	15,155	17,544	16,153
Japan	1,897	2,141	3,327	3,288	4,765	6,936	9,853	12,614	15,668	16,891	17,898
Other Countries in Asia	5,852	3,359	5,607	6,375	7,038	7,442	7,488	7,914	9,464	10,156	16,399
Australia & New Zealand	6,071	7,131	8,189	8,159	9,477	13,019	15,155	19,228	24,587	26,804	30,500
United Kingdom	8,135	8,680	10,443	10,907	11,652	11,889	11,498	13,160	14,023	16,282	19,020
Other Countries in Europe	3,274	4,022	5,100	5,931	7,004	8,410	9,293	11,022	12,058	13,855	13,880
United States	643	791	810	1,046	3,860	6,485	8,428	9,661	10,277	10,178	10,038
Africa	27	64	22	27	76	30	39	52	59	88	472
Other Countries	3,024	2,906	1,869	22,982	14,131	2,269	1,911	2,426	2,232	2,154	1,861

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.

Source : Singapore Tourist Promotion Board

11.18 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	1985
TOTAL	230,167	265,283	299,876	330,118	385,728	433,849	481,855	526,016
Purpose of Travel Overseas								
Pleasure/Vacation	132,446	155,884	171,960	189,706	216,489	240,591	263,006	295,404
Business/Pleasure	63,757	58,068	62,129	71,183	82,376	102,034	125,761	135,558
Education	5,578	14,738	18,042	18,947	20,346	15,935	10,089	10,899
Employment	14,041	10,857	8,133	8,474	9,129	14,615	21,808	19,142
Others	14,345	25,736	39,612	41,808	57,388	60,674	61,191	65,013
Length of Stay Overseas								
Under 1 Week	58,220	72,044	82,000	91,585	110,711	131,067	158,313	188,990
1 - Under 2 Weeks	46,595	56,025	62,107	69,751	85,202	99,495	115,358	124,357
2 - Under 4 Weeks	41,041	50,456	58,051	63,393	74,486	83,781	87,994	94,291
1 - Under 4 Months	31,329	35,433	40,646	40,353	48,779	53,472	57,794	60,584
4 - Under 6 Months	7,375	7,556	7,732	7,659	8,280	7,976	8,933	9,108
6 Months & Over	8,950	8,752	8,204	7,491	9,921	13,230	13,508	10,314
Not Stated	36,657	35,017	41,136	49,886	48,349	44,828	39,955	38,372
Median Length of Stay Overseas (Days)	12.8	12.4	12.3	11.9	11.8	11.5	10.8	10.1

Source : Singapore Tourist Promotion Board

11.19 PUBLIC ROADS

Kilometres

End of Year	Total	Major Arterial Roads	Collector Roads	Local Roads Improved	Local Roads Unimproved
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
1985	2,644	507	202	1,797	138

Source : Public Works Department

11.20 MOTOR VEHICLES REGISTERED

Number

End of Year	Total Motor Vehicles on Register	Motor Cars		Buses	Goods Vehicles	Motor Cycles & Scooters	Others ¹
		Private	Public				
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
1985	486,760	221,279	14,971	8,717	109,596	127,564	4,633

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

Source : Registry of Vehicles

11.21 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
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	327	11,529	114	2,002	26	408	116	4,698	69	4,261	2	160
1985	265	9,506	75	1,513	28	419	84	3,899	76	3,606	2	69

¹ Include trishaw riders and passengers.

Source : Police Department

11.22 POSTAL ARTICLES HANDLED

Thousand

Year	Total	Ordinary Mail			Registered Mail	Parcel Mail	Local Urgent Mail ¹	Express Mail	Speedpost Mail ²
		Domestic	Surface	Air					
1975	331,646	206,836	44,339	68,098	10,521	1,649	-	203	-
1976	350,362	227,302	41,760	68,244	11,202	1,664	-	190	-
1977	367,745	227,438	33,944	92,681	11,702	1,736	15	229	-
1978	393,439	240,250	37,584	100,784	12,686	1,588	75	469	3
1979	412,935	257,814	36,519	102,183	13,935	1,636	142	687	19
1980	445,399	277,081	38,417	110,989	15,791	1,713	275	1,089	44
1981	483,510	302,602	41,410	118,728	17,349	1,753	416	1,175	77
1982	504,946	323,550	38,935	120,274	18,726	1,750	373	1,235	103
1983	562,141	372,055	40,048	127,657	18,785	1,784	427	1,249	136
1984	615,448	412,512	40,900	138,196	20,182	1,736	529	1,216	177
1985	627,991	435,062	43,444	125,251	20,449	1,628	598	1,326	233

¹ Local Urgent Mail (LUM) Service was introduced in August 1977.

² Speedpost Service was introduced in April 1978.

Source : The Telecommunication Authority of Singapore

11.23 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		
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
1985	31	275	1,561	14,682	15,725	1,074

¹ Figures exclude calls to Peninsular Malaysia.

² End of Period.

Source : The Telecommunication Authority of Singapore

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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 carry on the general business of a savings bank, to promote savings and encourage thrift and to mobilize domestic savings for the purpose of public development. Its savings are fully guaranteed by the government.

Central Provident Fund

Please see text on page 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 approval 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
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
1985	5,149.1	4,871.0	278.1	4,739.0	92.0

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
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
1985	28,147.7	8,785.0	4,739.0	4,046.0	13,789.2	24.7	5,548.8

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	
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	1,107.5	5,043.2	2,498.6	2,544.6	373.0	3,530.9	-3,157.9	2,533.4	-994.8	182.2
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
1985	-81.3	216.9	1,108.2	-891.3	267.3	3,350.4	-3,083.1	2,088.8	990.0	814.3

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
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
1985	27,080.1	164.9	212.2	26,703.0

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
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
1985	0.8864	2.2002	2.8448	0.7520	0.2464	0.9275	0.2824	1.5428

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

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	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	70,618.0
Cash	107.0	105.3	115.1	154.6	161.1	272.4	222.4	247.9	275.4	291.4	303.5
Amounts Due from Banks	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	20,768.4
In Singapore	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	5,341.5
Outside Singapore ¹	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	15,426.9
Balances with The Monetary Authority of Singapore	454.1	511.7	546.3	633.1	733.7	923.1	1,195.4	1,417.5	1,557.6	1,742.3	1,830.1
Money at Call with Discount Houses	415.9	491.4	525.7	623.3	695.7	884.1	1,478.0	1,917.9	2,049.9	2,387.2	2,290.1
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	105.0
Investments in Securities & Equities	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	5,073.0
In Singapore	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	4,880.4
Outside Singapore	77.8	81.1	64.1	65.3	51.0	69.2	72.7	123.6	140.4	142.2	192.6
Loans & Advances including Bills Financing	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	37,403.1
Bills Discounted or Purchased	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	3,628.1
Payable outside Singapore	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	2,373.7
Payable in Singapore	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	1,254.4
Loans & Advances	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	33,775.0
All Other Assets	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	2,844.8

¹ Figures include Asian Currency Units.

Source : The Monetary Authority of Singapore

12.7 LIABILITIES OF BANKS

(End of Period)

Million Dollars

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	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	70,618.0
Deposits of Non-bank Customers	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	28,744.5
Demand Deposits	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	4,700.2
Fixed Deposits	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	17,940.8
Savings Deposits	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	5,982.8
Other Deposits	38.4	48.7	57.8	57.1	66.3	70.1	83.4	90.2	103.3	108.0	120.7
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	263.6
Amounts Due to Banks	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	29,531.0
In Singapore	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	5,724.1
Outside Singapore ¹	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	23,807.0
All Other Liabilities	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	12,078.8

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

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	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	33,775.0
Agriculture	26.8	31.0	29.8	28.2	37.8	47.2	} 125.7	132.0	117.4	141.6	139.1
Mining & Quarrying	6.5	8.5	6.6	10.9	11.0	7.9					
Manufacturing	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	5,078.7	4,730.9
Building & Construction	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	7,980.3
General Commerce	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	7,932.5	7,697.5
Transport, Storage & Communications	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	1,180.2
Financial Institutions	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	5,502.3
Others	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	6,544.7

Source : The Monetary Authority of Singapore

12.9 ASSETS AND LIABILITIES OF ASIAN CURRENCY UNITS

(End of Period)

Million US Dollar

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total Assets	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	128,054.7	155,371.4
Loans to Non-banks	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	33,766.1	37,440.3
Inter-bank Funds	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	104,930.2
In Singapore	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	4,615.7
Inter-Asian Currency Units	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	26,991.8
Outside Singapore	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	73,322.7
Other Assets	195.5	354.4	484.6	833.5	1,585.0	2,437.9	4,149.9	6,125.1	7,029.5	8,959.7	13,000.9
Total Liabilities	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	128,054.7	155,371.4
Deposits of Non-banks	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	21,523.6	28,018.0
Inter-bank Funds	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	119,999.9
In Singapore	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	4,174.2
Inter-Asian Currency Units	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	26,993.8
Outside Singapore	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	88,831.9
Other Liabilities	235.4	326.6	413.4	1,452.9	2,977.2	4,262.4	5,853.4	6,442.2	6,497.7	6,344.5	7,353.5

Source : The Monetary Authority of Singapore

12.10 ASSETS AND LIABILITIES OF FINANCE COMPANIES

(End of Period)

Million Dollars

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total Assets	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	6,935.7
Cash	3.0	2.1	2.2	2.5	3.2	4.5	5.0	6.8	8.5	8.3	10.3
Balances with The Monetary Authority of Singapore	62.1	70.1	76.2	86.6	105.7	126.0	170.9	217.2	267.5	313.9	288.4
Deposits with Banks & Other Institutions	369.4	384.8	366.0	373.8	368.7	405.0	707.2	751.6	678.7	862.9	1,002.6
Investments	38.3	56.9	71.3	95.2	111.3	100.5	114.6	120.4	139.8	165.2	151.7
Loans & Advances	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	5,313.6
Hire Purchase Finance	191.7	192.4	258.6	354.3	532.3	754.3	891.7	887.1	904.3	833.2	583.7
Housing Loans	354.6	440.0	431.4	446.4	551.6	637.2	763.6	879.7	1,165.8	1,348.9	1,386.5
Other Loans & Advances	350.7	394.0	486.9	596.4	744.0	975.6	1,532.3	2,362.9	3,207.2	3,545.2	3,343.4
Other Assets	60.6	67.0	68.6	62.1	56.0	72.0	90.1	131.7	152.0	162.0	169.1
Total Liabilities	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	6,935.7
Capital & Reserves	242.1	267.8	286.1	308.1	363.1	476.0	672.1	815.7	1,042.7	1,116.5	1,131.8
Deposits from Individuals & Institutions	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	5,014.0
Savings Deposits	36.1	43.9	50.6	55.5	62.8	65.2	75.9	112.3	171.8	209.2	278.8
Fixed Deposits	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	4,306.7
Other Deposits	47.1	32.2	33.3	35.3	58.4	94.4	137.9	294.5	412.7	413.6	428.5
Other Liabilities	139.9	148.3	169.7	199.2	297.3	477.8	661.1	830.2	917.0	844.8	789.9

Source : The Monetary Authority of Singapore

12.11 FINANCE COMPANIES LOANS AND ADVANCES BY INDUSTRY

(End of Period)

Thousand Dollars

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	354,367	448,683	528,601	634,788	824,310	1,310,710	1,763,399	2,431,754	2,741,201	2,699,679
Agriculture, Mining & Quarrying	-	-	-	-	-	-	-	582	889	1,122
Manufacturing	11,375	13,805	20,934	29,473	92,645	164,594	167,659	228,706	217,604	223,874
Building & Construction	175,568	150,738	123,743	148,848	118,895	174,154	451,439	790,808	923,739	898,258
General Commerce	31,228	81,459	123,004	166,411	190,134	217,055	260,282	273,973	269,646	286,647
Transport, Storage & Communications	58,654	64,434	52,621	38,290	45,857	74,661	94,081	91,827	82,593	58,202
Financial Institutions	-	-	-	-	-	-	197,358	231,474	377,688	330,426
Professional & Private Individuals	50,405	93,972	134,370	163,501	230,321	390,540	458,654	622,348	682,346	715,161
Others	27,137	44,275	73,929	88,265	146,458	289,706	133,926	192,036	186,696	185,989

Source : The Monetary Authority of Singapore

12.12 ASSETS AND LIABILITIES OF MERCHANT BANKS

(End of Period)

Million Dollars

	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total Assets	2,463.9	3,746.7	8,378.3	13,299.6	19,279.6	22,020.4	23,625.0	25,844.9	28,207.0
Amounts Due from Banks	684.7	1,826.7	4,599.8	5,713.7	9,442.4	9,317.4	9,399.7	9,303.9	9,768.7
In Singapore	20.8	41.0	42.8	61.8	201.3	260.4	218.5	189.4	332.1
Outside Singapore ¹	663.9	1,785.7	4,557.0	5,651.9	9,241.1	9,057.0	9,181.2	9,114.5	9,436.6
Loans & Advances to Non-bank Customers	1,674.5	1,785.8	3,497.6	7,049.2	8,916.6	11,313.6	12,497.1	13,710.7	12,721.7
Securities & Equities	65.0	86.2	136.3	234.9	391.5	815.2	1,209.8	2,056.6	4,989.0
Other Assets	39.7	48.0	144.7	301.8	529.2	574.2	518.5	773.6	727.7
Total Liabilities	2,463.9	3,746.7	8,378.3	13,299.6	19,279.6	22,020.4	23,625.0	25,844.9	28,207.0
Capital & Reserves	136.9	195.1	309.3	452.1	909.8	1,395.3	1,620.4	2,412.6	2,956.8
Amounts Due to Banks	1,928.0	2,963.5	7,217.8	11,337.6	16,295.6	18,137.4	19,065.8	19,872.5	20,639.7
In Singapore	84.8	195.2	839.8	178.1	347.8	317.1	581.5	750.2	709.3
Outside Singapore ¹	1,843.2	2,768.3	6,378.0	11,159.5	15,947.8	17,820.3	18,484.3	19,122.3	19,930.4
Borrowings from Non-bank Customers	352.4	516.8	678.8	1,047.0	1,599.1	1,876.1	2,369.4	2,720.5	3,799.6
Other Liabilities	46.6	71.3	172.4	462.8	475.1	611.6	569.4	839.3	811.0

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.

¹ Includes Asian Currency Units.

Source : The Monetary Authority of Singapore

12.13 ASSETS AND LIABILITIES OF DISCOUNT HOUSES

(End of Period)

Million Dollars

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total Assets	552.7	618.5	684.7	763.6	949.5	1,603.8	2,050.5	2,248.2	2,562.7	2,468.8
Treasury Bills	306.6	315.5	346.8	439.4	647.5	1,061.8	1,263.7	1,283.3	1,553.5	1,145.3
Other Government Securities	79.5	120.7	134.7	84.5	16.3	52.0	97.2	187.6	241.8	504.1
Bills Discounted Payable in Singapore ¹	92.5	117.7	147.3	158.5	230.0	375.0	493.9	540.5	594.0	587.7
S\$ Negotiable Certificates of Deposit	68.8	62.0	53.6	69.3	53.7	99.2	119.4	128.0	132.0	132.0
Other Assets	5.3	2.6	2.3	11.9	2.0	15.8	76.3	108.8	41.4	99.7
Total Liabilities	552.7	618.5	684.7	763.6	949.5	1,603.8	2,050.5	2,248.2	2,562.7	2,468.8
Capital & Reserves	21.9	25.1	26.0	27.4	28.6	42.3	59.1	74.9	84.1	95.6
Deposits	519.8	581.2	643.4	718.0	889.3	1,508.5	1,933.7	2,109.6	2,396.1	2,298.7
Other Liabilities	11.0	12.2	15.3	18.2	31.6	53.0	57.7	63.7	82.5	74.5

¹ Includes bills refinanced for banks.

Source : The Monetary Authority of Singapore

12.14 DOMESTIC INTEREST RATES

(End of Period)

Per Cent Per Annum

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Banks¹											
Minimum Lending Rate	7.08	6.78	7.02	7.65	9.48	13.60	11.83	9.33	8.98	9.40	7.20
Average Lending Rate ²	9.00	8.60	8.60	9.00	10.50	14.20	..	..	..	..	..
Deposit Rates											
3 Months	4.31	3.76	4.54	5.29	7.15	11.22	7.43	6.16	6.53	6.00	4.58
6 Months	4.96	4.34	4.98	5.55	7.40	10.92	8.40	6.55	6.55	6.35	4.70
12 Months	5.79	5.31	5.53	6.01	7.65	10.55	8.95	7.08	6.75	6.80	4.88
Savings Deposit Rate	3.50	3.52	3.68	4.20	6.38	9.52	7.90	6.43	6.30	6.53	5.18
Finance Companies											
Average Lending Rate ²	11.50	10.80	10.20	9.80	9.90	11.80	..	..	..	..	..
Deposit Rates ³											
Up to 3 Months	5.00	4.90	5.30	6.40	8.10	12.20	..	6.60	6.90	6.48	4.88
Over 3 & Up to 12 Months	6.80	6.70	6.50	6.80	7.60	9.90	..	7.58	7.38	7.18	5.30
POSB Savings Deposit Rate for Amounts											
Up to \$100,000	5.50	5.50	5.00	5.25	6.00	8.50	9.50	7.00	6.50	6.75	5.25
Exceeding \$100,000	5.50	5.50	5.00	3.50	4.25	6.00	7.00	5.50	5.50	5.75	4.00

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

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Number of Savings Accounts (End of Period)	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	2,874,466
Amount											
Deposited	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	10,930.4
Withdrawn	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	9,510.0
Due to Account Holders (End of Period)	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	9,129.4

Source : Post Office Savings Bank

12.16 CONTRIBUTIONS AND WITHDRAWALS OF CENTRAL PROVIDENT FUND

Million Dollars

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Amount											
Contributed	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	5,993.4
Withdrawn	216.9	377.7	503.5	657.8	629.3	779.1	1,067.6	1,241.2	1,718.1	3,509.3	3,359.7
Due to Members (End of Period)	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	26,829.5
Ordinary Account	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	22,108.0
Special Account	..	..	17.5	107.3	377.5	845.9	1,310.8	1,754.3	2,378.7	203.0	721.6
Medisave Account	..	..	..	..	..	..	..	..	..	3,131.8	3,999.9

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		
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
1985	3,359,669	64,550	1,784,919	7,618	781,479	24,641	506,198	10,085	146,302	3,325	40,457	43,909	56,405

¹ Includes Malaysians leaving Singapore permanently.

Source : Central Provident Fund Board

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

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
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
1985	3,024.7	6,319.3	2,144.8	4,338.0	286.2	1,227.5	109.1	153.4	159.0	246.5	151.4	105.2	86.2	203.3	88.0	45.4

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
1985	236.4	285.4	306.4	343.1	238.1	426.7

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	
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
1985	2,177,003	1,959,618	513.8	505.3

12.21 LIFE INSURANCE POLICIES

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	
	Number										
	Policies in Force ¹	140,041	155,425	183,099	214,316	246,657	248,077	271,214	314,375	359,902	379,880
	New Policies ²	30,271	34,628	45,303	50,632	61,707	59,174	49,539	70,374	78,212	57,013
	Policies Matured or Discontinued	14,407	19,244	17,929	19,415	29,366	25,245	26,409	27,213	32,685	37,193
	Thousand Dollars										
Policies in Force											
Amount Insured (End of Period)	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	16,421,618	
Premiums	73,121	85,058	99,577	117,389	143,178	170,038	198,046	250,420	305,341	332,482	
New Policies											
Amount Insured	655,128	765,334	922,908	1,124,796	1,454,410	1,664,513	1,894,480	3,302,814	4,192,993	4,001,812	
Premiums	18,037	20,764	24,334	29,085	36,700	40,114	43,508	70,270	78,992	60,644	
Policies Matured or Discontinued											
Amount Insured	238,206	285,161	318,115	366,389	374,074	491,887	450,898	360,247	1,111,897	1,381,558	
Premiums	7,165	8,827	9,904	10,222	10,911	14,170	15,500	17,896	27,969	33,513	

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

Source : The Monetary Authority of Singapore

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

12.22 REVENUE AND EXPENDITURE ACCOUNTS OF LIFE INSURANCE FUNDS

Thousand Dollars

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total Revenue	344,678	399,984	469,305	552,207	639,339	771,593	933,210	1,116,340	1,314,405	1,528,392
Balance of Revenue Account at Beginning of Year	249,624	290,359	336,363	394,215	460,978	537,126	649,229	776,582	926,929	1,087,718
Premiums	67,735	81,908	96,855	113,747	139,748	163,965	191,814	237,017	282,530	298,962
Net Interest, Dividends & Rents	20,955	23,270	28,650	32,866	36,641	47,062	61,327	69,841	79,147	91,277
Miscellaneous	6,364	4,447	7,437	11,379	1,972	23,440	30,840	32,900	25,799	50,435
Total Expenditure	344,678	399,984	469,305	552,207	639,339	771,593	933,210	1,116,340	1,314,405	1,528,392
Claims on Death, Disability & Maturity	13,878	16,688	18,541	20,874	23,207	28,344	36,864	41,377	49,956	57,332
Surrenders	7,613	8,755	10,477	12,315	13,190	15,875	20,070	23,054	26,247	33,149
Cash Bonuses & Annuities	2,564	2,867	3,147	3,554	4,394	7,706	5,973	4,764	5,710	5,026
Management Expenses										
Commission	14,703	17,542	21,271	25,234	31,708	36,015	40,632	64,783	72,441	59,179
Salaries	4,174	4,367	4,861	5,667	6,592	7,900	8,909	11,866	12,810	15,528
Others	8,423	10,469	10,702	14,115	15,878	23,797	34,716	24,233	28,315	29,195
Miscellaneous	2,964	2,933	6,091	9,470	7,344	2,727	9,464	19,236	20,442	46,422
Balance of Revenue Account at End of Year	290,359	336,363	394,215	460,978	537,026	649,229	776,582	927,027	1,098,484	1,282,561

Source : The Monetary Authority of Singapore

12.23 ASSETS OF LIFE INSURANCE FUNDS

(End of Period)

Thousand Dollars

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	337,068	387,427	445,416	504,975	585,124	705,094	834,673	998,826	1,196,523	1,384,050
Fixed Assets	29,966	31,284	31,188	33,901	34,658	38,069	41,394	57,449	62,617	60,217
Property	28,782	29,760	29,528	32,034	31,853	35,432	37,651	52,516	57,660	54,229
Furniture	1,184	1,524	1,660	1,867	2,805	2,637	3,743	4,933	4,957	5,988
Loans	58,908	58,777	57,383	69,216	105,497	124,530	186,938	205,878	232,288	268,890
On Mortgages	31,747	28,031	22,585	22,231	42,014	48,721	93,082	100,632	108,376	110,736
On Policies	26,438	30,047	34,106	40,674	48,187	59,283	76,580	86,961	99,116	123,342
Others	723	699	692	6,311	15,296	16,526	17,276	18,285	24,796	34,812
Investments	188,399	224,051	273,050	308,879	338,973	378,230	424,236	512,989	620,053	701,686
Government & Statutory Authorities	84,682	101,189	129,830	149,451	170,819	180,028	198,231	236,110	283,119	354,666
Debentures & Shares ¹	103,717	122,862	143,220	159,428	168,154	198,202	226,005	276,879	336,934	347,020
Cash & Deposits	46,687	56,846	58,317	66,490	75,700	108,845	154,875	180,484	234,775	305,736
Miscellaneous (including Outstanding Premiums)	13,108	16,469	25,478	26,489	30,296	55,420	27,230	42,026	46,790	47,521

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

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total Net Premiums¹	171,218	196,217	209,781	236,924	274,545	340,707	397,732	430,980	441,047	440,943
Marine, Aviation or Transit	31,311	38,387	47,313	52,072	58,149	70,728	74,244	70,468	70,757	68,050
Others	139,907	157,830	162,468	184,852	216,396	269,979	323,488	360,512	370,290	372,893
Fire	29,714	34,642	37,521	40,679	45,406	51,226	61,153	68,143	69,714	71,287
Motor Vehicles	41,966	46,020	48,385	59,744	74,042	102,561	117,428	135,527	147,371	158,934
Miscellaneous	68,227	77,168	76,562	84,429	96,948	116,192	144,907	156,842	153,205	142,672
Total Net Claims²	60,689	67,202	87,450	94,203	113,911	141,627	146,719	165,565	186,653	195,444
Marine, Aviation or Transit	17,769	15,287	22,061	25,406	30,275	35,736	35,712	38,562	36,077	27,537
Others	42,920	51,915	65,389	68,797	83,636	105,891	111,007	127,003	150,576	167,907
Fire	6,852	9,537	14,565	11,833	19,974	29,424	18,826	17,140	21,739	20,393
Motor Vehicles	22,349	23,152	26,517	29,431	36,172	45,637	52,630	58,891	71,041	87,205
Miscellaneous	13,719	19,226	24,307	27,533	27,490	30,830	39,551	50,972	57,796	60,309

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

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

Source : The Monetary Authority of Singapore

12.25 REVENUE AND EXPENDITURE ACCOUNTS OF GENERAL INSURANCE FUNDS

Thousand Dollars

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total Revenue	377,698	439,716	481,694	527,272	603,653	742,784	896,656	957,965	1,077,530	1,126,381
Balance of Revenue Account at Beginning of Year	18,114	33,140	36,814	31,045	34,665	30,971	39,528	74,116	88,380	92,959
Reserves at Beginning of Year	70,496	79,318	87,870	92,632	101,644	119,859	146,716	178,335	197,638	205,250
Provision for Outstanding Claims	71,613	80,598	90,445	98,685	119,783	149,726	178,195	217,087	264,979	305,218
Premiums	171,218	196,217	209,781	236,924	274,545	340,707	397,732	430,980	441,047	440,943
Net Interest, Dividends & Rents	11,604	12,354	13,603	14,770	20,864	26,824	40,353	46,879	49,577	55,250
Miscellaneous	34,653	38,089	43,181	53,216	52,152	74,697	94,132	10,568	35,909	26,761
Total Expenditure	377,698	439,716	481,694	527,272	603,653	742,784	896,656	957,965	1,077,530	1,126,381
Claims Paid, Admitted or Intimated	138,029	157,071	188,342	215,390	263,637	317,465	366,022	429,807	489,742	567,094
Management Expenses										
Commission	44,565	52,268	55,060	62,151	71,501	85,512	91,269	76,346	72,477	68,182
Others	45,170	55,114	53,828	53,332	57,187	71,552	88,092	87,606	98,066	102,869
Miscellaneous	39,433	52,327	59,806	59,548	59,693	81,616	97,310	76,823	110,842	109,515
Balance of Revenue Account at End of Year	32,526	35,295	30,706	33,681	30,971	39,923	75,377	90,096	101,313	70,129
Reserves at End of Year	77,975	87,641	93,952	103,170	120,664	146,716	178,586	197,287	205,090	208,592

Source : The Monetary Authority of Singapore

12.26 ASSETS OF GENERAL INSURANCE FUNDS

(End of Period)

Thousand Dollars

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	250,075	299,809	325,095	392,057	437,793	527,789	684,413	797,744	873,258	907,087
Fixed Assets	28,317	33,963	36,726	35,644	36,160	40,895	48,864	51,519	51,671	52,640
Loans	7,810	7,354	5,795	3,718	5,094	5,201	5,333	7,617	11,421	12,105
Investments	79,755	105,959	122,578	145,083	159,929	188,566	229,590	256,432	290,693	302,389
Government & Statutory Authorities	42,783	52,206	65,831	75,609	82,512	89,472	108,597	128,514	147,607	166,514
Debentures & Shares	36,972	53,753	56,747	69,474	77,417	99,094	120,993	127,918	143,086	135,875
Cash & Deposits	99,746	110,804	106,489	147,363	162,854	207,554	294,571	361,864	394,289	412,661
Miscellaneous	34,447	41,729	53,507	60,249	73,756	85,573	106,055	120,312	125,184	127,292

Source : The Monetary Authority of Singapore

13 PUBLIC FINANCE

13 PUBLIC FINANCE

Government Revenue and Expenditure

The main revenue collecting departments are the Customs and Excise Department and the Inland Revenue Department. The former is responsible for the collection of import and excise duties on liquor, tobacco, petroleum, motor vehicles, 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. Compulsory course fees became deductible with effect from Year of Assessment 1986 and they include registration or enrolment fees, examination fees, tuition fees and aptitude test fees

(for computer courses). 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	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86 ³	1986/87 ³
Economic Classification												
Total¹	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	10,059.2	10,620.6	14,552.9
Transfer Receipts	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	7,635.2	7,666.0	5,558.1
Taxes on Income	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	3,449.2	3,300.0	2,550.0
Taxes on Production & Expenditure	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	3,617.4	3,740.4	2,769.6
Excise Duties	177.9	183.5	194.7	207.4	222.3	251.2	265.5	298.0	377.4	487.3	504.5	513.6
Import Duties	238.1	272.7	313.6	340.4	393.6	435.7	429.7	487.8	516.6	521.7	534.7	363.4
Property Tax	293.9	353.3	350.2	414.0	521.9	556.7	715.9	851.1	1,047.1	1,247.0	1,289.6	839.9
Motor Vehicle Taxes ²	166.6	183.1	260.1	299.1	404.0	527.5	529.8	662.0	736.8	719.2	764.9	582.7
Stamp Duty	49.4	57.0	61.1	88.5	116.3	186.1	281.5	261.1	304.2	295.8	273.0	279.2
Others	96.5	107.7	118.3	132.1	155.1	186.0	239.7	280.4	304.2	346.4	373.7	190.8
Other Transfer Receipts	115.4	120.1	199.8	166.9	174.4	205.3	274.8	303.2	618.1	568.6	625.6	238.5
Estate Duty	21.0	21.9	22.6	35.0	29.6	28.5	51.3	48.3	56.2	50.3	6.0	12.0
Others	94.4	98.2	177.2	131.9	144.8	176.8	223.5	254.9	561.9	518.3	619.6	226.5
Disposal of Goods & Services	578.1	515.2	496.0	491.0	793.3	895.3	1,840.2	1,972.7	1,754.8	1,090.4	1,325.5	7,153.7
Sales of Goods & Services from Current Operations	323.0	350.1	379.3	428.4	485.4	620.7	916.7	905.2	944.7	817.4	746.2	632.4
Reimbursements for Services & Sales of Lands	255.1	165.1	116.7	62.6	307.9	274.6	923.5	1,067.5	810.1	273.0	579.3	6,521.3
Income from Property & Financial Claims	216.1	221.7	242.4	299.1	408.4	592.9	554.6	686.4	1,413.0	1,333.6	1,629.1	1,841.1
Interest & Dividends Received	207.7	211.3	234.4	289.2	400.9	492.9	545.7	677.1	1,387.5	1,302.4	1,618.6	1,824.3
Financial Claims & Others	8.4	10.4	8.0	9.9	7.5	100.0	8.9	9.3	25.5	31.2	10.5	16.8

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	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86 ²	1986/87 ²
Total	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	10,058.4	10,620.6	14,552.9
Salaries of Government Employees	572.6	611.3	660.9	729.0	840.6	934.1	1,080.4	1,364.5	1,473.0	1,650.2	1,968.7	1,854.1
Personal Emoluments & Allowances	525.3	561.1	604.6	662.5	743.3	816.7	945.8	1,184.3	1,264.9	1,392.9	1,665.6	1,568.9
Contributions to Central Provident Fund	47.3	50.2	56.3	66.5	97.3	117.4	134.6	180.2	208.1	257.3	303.1	285.2
Rental of Fixed Assets	8.9	7.6	7.7	8.9	10.9	12.6	16.5	20.2	21.2	23.5	33.3	32.4
Other Goods & Services for Current Operations	154.8	164.2	176.1	206.3	224.8	273.1	395.6	458.5	434.2	421.1	479.9	433.7
Expenditure on Goods & Services for Fixed Capital Formation	20.4	18.2	27.1	24.0	21.0	28.3	35.1	33.2	36.3	30.0	31.2	16.0
Interest Payments	252.1	345.7	462.8	564.1	685.1	836.8	893.6	942.2	1,437.1	1,219.1	1,853.1	2,447.7
Transfer Payments	721.9	876.1	874.4	1,034.2	975.2	593.0	2,249.2	2,741.3	3,010.8	3,696.1	3,761.3	7,677.6
Transfer to Households	42.7	43.3	44.8	43.9	59.9	82.3	109.6	176.1	207.3	368.5	153.9	252.7
Transfer to Development Fund	443.1	583.0	556.4	664.0	511.3	94.0	1,703.8	1,995.1	1,984.4	2,393.1	2,261.8	5,879.7
Other Transfers	236.1	249.8	273.2	326.3	404.0	416.7	435.8	570.1	819.1	934.5	1,345.6	1,545.2
Financial Claims	625.9	369.4	471.1	329.4	900.2	1,932.6	1,689.9	2,137.2	2,802.0	1,091.9	287.2	59.7
Unallocable ¹	627.8	755.8	872.3	834.0	878.4	1,098.0	1,320.1	1,430.4	1,416.4	1,926.1	2,205.9	2,031.7

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

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

2 Based on Budget estimates.

13.3 FUNCTIONAL CLASSIFICATION OF GOVERNMENT MAIN EXPENDITURE

Million Dollars

Financial Year \ Functional Classification	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86 ¹	1986/87 ¹
Total	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	10,058.4	10,620.6	14,552.9
General Services	100.9	102.8	120.1	131.8	141.2	217.7	225.7	318.4	458.0	542.2	616.6	437.4
Defence, Justice & Police	739.3	877.8	1,007.1	986.8	1,051.2	1,296.2	1,555.8	1,704.4	1,723.4	2,266.8	2,613.5	2,457.5
Social & Community Services	650.3	693.3	748.1	826.5	948.4	1,035.2	1,225.3	1,544.6	1,830.7	2,140.4	2,541.4	2,818.2
Education	328.9	346.0	365.9	408.6	486.0	567.2	683.0	946.5	1,133.0	1,298.9	1,511.1	1,445.3
Health	142.4	147.7	157.0	178.9	200.9	232.5	273.2	321.5	348.9	389.2	498.0	467.4
Other Social & Community Services	179.0	199.6	225.2	239.0	261.5	235.5	269.1	276.6	348.8	452.3	532.3	905.5
Economic Services	141.5	144.7	153.0	177.7	198.3	242.8	330.2	400.8	308.5	291.9	311.7	269.6
Agricultural, Non-mineral Resources, Industrial & Commercial Development	40.9	39.6	43.5	48.6	56.4	67.2	101.3	133.1	62.5	84.2	123.1	83.5
Transport & Communications	52.9	54.4	56.7	95.1	105.2	129.8	170.5	171.4	157.1	122.3	96.5	67.4
Other Economic Services	47.7	50.7	52.8	34.0	36.7	45.8	58.4	96.3	88.9	85.4	92.1	118.7
Public Debt	875.4	712.7	877.0	892.6	1,583.9	2,768.0	2,581.5	3,079.1	4,238.7	2,310.4	2,139.8	2,506.1
Unallocable	33.9	34.0	90.7	50.5	101.9	54.6	58.1	85.1	87.3	113.6	135.8	184.4
Transfer to Development Fund	443.1	583.0	556.4	664.0	511.3	94.0	1,703.8	1,995.1	1,984.4	2,393.1	2,261.8	5,879.7

¹ Based on Budget estimates.

13.4 ECONOMIC-FUNCTIONAL CLASSIFICATION OF GOVERNMENT MAIN AND DEVELOPMENT EXPENDITURE, 1985

Thousand Dollar

Functional Classification Economic Classification	Total	General Services	Defence, Justice & Police	Social & Community Services			Economic Services	Public Debt & Unallocable Expenditure
				Education	Health	Others		
Total	14,423,195	1,229,327	2,804,768	1,809,323	496,787	2,495,387	2,996,499	2,591,104
Salaries of Government Employees	1,739,440	192,675	292,637	668,007	314,177	188,268	83,676	-
Personal Emoluments & Allowances	1,467,138	162,018	251,405	569,322	261,331	153,614	69,448	-
Contributions to Central Provident Fund	272,302	30,657	41,232	98,685	52,846	34,654	14,228	-
Rental of Fixed Assets	24,215	13,268	2,138	232	2,659	3,364	2,554	-
Expenditure on Goods & Services	3,311,909	597,119	287,332	180,813	99,454	404,934	1,742,003	254
Interest Payments	1,201,143	-	-	-	-	-	-	1,201,143
Transfer Payments	2,356,880	425,353	4,229	960,271	80,495	115,175	629,634	141,723
Transfer to Households	201,145	355	469	53,806	513	4,740	209	141,053
Transfer to Public Authorities & Non-profit Institutions	781,595	10,786	2,013	605,773	17,624	96,552	48,847	-
Capital Transfer to Domestic Sector	939,562	4,072	-	293,144	60,311	12,733	569,302	-
Other Transfers	434,578	410,140	1,747	7,548	2,047	1,150	11,276	670
Financial Claims	3,570,285	23	-	-	1	1,783,645	538,632	1,247,984
Unallocable ¹	2,219,323	889	2,218,432	-	1	1	-	-

Note : Figures exclude transfer of \$2,393,097,000 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, 1985

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	8,182,659	606,564	2,574,645	1,361,928	419,057	379,807	249,554	2,591,104
Salaries of Government Employees	1,739,440	192,675	292,637	668,007	314,177	188,268	83,676	-
Personal Emoluments & Allowances	1,467,138	162,018	251,405	569,322	261,331	153,614	69,448	-
Contributions to Central Provident Fund	272,302	30,657	41,232	98,685	52,846	34,654	14,228	-
Rental of Fixed Assets	24,215	13,268	2,138	232	2,659	3,364	2,554	-
Expenditure on Goods & Services	432,183	78,428	57,209	26,562	82,035	84,714	102,981	254
Interest Payments	1,201,143	-	-	-	-	-	-	1,201,143
Transfer Payments	1,317,318	321,281	4,229	667,127	20,184	102,442	60,332	141,723
Transfer to Households	201,145	355	469	53,806	513	4,740	209	141,053
Transfer to Public Authorities & Non-profit Institutions	781,595	10,786	2,013	605,773	17,624	96,552	48,847	-
Other Transfers	334,578	310,140	1,747	7,548	2,047	1,150	11,276	670
Financial Claims	1,249,037	23	-	-	1	1,018	11	1,247,984
Unallocable ¹	2,219,323	889	2,218,432	-	1	1	-	-

Note : Figures exclude transfer of \$2,393,097,000 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
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	11,718.2	7,963.0	2,393.1	12.1	5,557.8	7,216.9	3,580.5	3,636.4	-
1985/86 ¹	12,464.3	5,055.2	2,261.8	12.5	2,780.9	9,775.5	3,195.0	6,580.5	-

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
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	211.2	121.8	80.6	184.4	43.4
1985	32,164.4	31,568.1	18,107.4	-	1,420.5	12,040.2	596.3	205.4	112.6	79.9	163.7	34.7

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				
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
1985	1,022,578	203,684	227,889	431,832	15,922	106,777	21,097	4,056	5,840	5,481

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 ³	Bets, Sweepstakes & Private Lotteries ⁴	Radio & Television Licensing Fees ⁵	Skills Development Levy ⁶	Others
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	5,249,075	3,527,431	948,841	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
1985	4,830,033	2,999,887	1,195,404	32,660	314,952	80,483	140,031	-	66,213	403

1 Include compounding fees and surcharges on property taxes.

2 Include sales of revenue stamps.

3 Suspended with effect from April 1985.

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

5 With effect from 1.2.80, radio and television licensing fees are collected by the Singapore Broadcasting Corporation.

6 Amounted credited to Skills Development Fund. With effect from April 1985, the Skills Development Levy payable by every employer in respect of each of his employees earning less than \$750 per month was reduced from 4 per cent to 2 per cent of their monthly remuneration.

Source : Inland Revenue Department
Singapore Broadcasting Corporation

13.10 TAXPAYERS, ASSESSED INCOME AND TAX ASSESSED, 1983 AND 1984

	Taxpayers			Assessed Income			Tax Assessed			
	Total	Resident	Non-resident	Total	Resident	Non-resident	Total	Resident	Non-resident	
	Number			Thousand Dollars						
	1983									
	Total	581,758	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	896,838	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	–
	1984									
	Total	508,421	494,411	14,010	17,198,502	16,588,567	609,935	4,050,195	3,916,736	133,459
	Individuals	497,400	483,703	13,697	10,322,762	10,219,409	103,353	1,050,014	1,026,267	23,747
	Employees	419,172	406,798	12,374	8,347,730	8,266,234	81,496	774,332	756,805	17,527
Sole Proprietors	55,429	54,296	1,133	1,195,214	1,180,278	14,936	146,456	143,004	3,452	
Partners	22,799	22,609	190	779,818	772,897	6,921	129,226	126,458	2,768	
Companies	9,792	9,480	312	6,804,740	6,298,160	506,580	2,964,490	2,854,779	109,711	
Trusts¹	753	752	1	12,158	12,156	2	4,457	4,546	1	
Clubs & Associations	476	476	–	58,842	58,842	–	31,144	31,144	–	

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

Figures for 1984 refer to assessments made during the period 1.1.84 to 31.12.84 (12 months).

Source : Inland Revenue Department

1 Include Hindu Joint Families.

13.11 INCOME TAX ASSESSMENT OF INDIVIDUALS, 1983 AND 1984

Assessed Income Group (\$)	Taxpayers			Assessed Income			Tax Assessed			
	Total	Resident	Non-resident	Total	Resident	Non-resident	Total	Resident	Non-resident	
	Number			Thousand Dollars						
	1983									
	Total	569,605	556,811	12,794	10,187,775	10,087,500	100,275	920,006	896,839	23,167
	6,000 & Below	77,894	69,167	8,727	366,387	347,582	18,805	6,429	2,886	3,543
	6,001 - 8,000	84,780	83,980	800	594,024	588,449	5,575	8,335	7,265	1,070
	8,001 - 10,000	77,934	77,285	649	700,854	695,049	5,805	11,785	10,712	1,073
	10,001 - 15,000	131,993	131,024	969	1,613,737	1,601,947	11,790	36,211	33,901	2,310
	15,001 - 20,000	67,991	67,492	499	1,174,607	1,165,986	8,621	41,604	39,840	1,764
	20,001 - 30,000	60,377	59,857	520	1,465,615	1,452,936	12,679	81,771	79,044	2,727
	30,001 - 50,000	40,000	39,576	424	1,506,873	1,490,603	16,270	136,461	132,991	3,470
	50,001 - 100,000	21,004	20,862	142	1,411,387	1,402,199	9,188	224,175	221,169	3,006
	100,001 - 200,000	6,075	6,024	51	813,198	806,118	7,080	195,728	193,162	2,566
	Over 200,000	1,557	1,544	13	541,093	536,631	4,462	177,507	175,869	1,638
	1984									
	Total	497,400	483,703	13,697	10,322,762	10,219,409	103,353	1,050,014	1,026,267	23,747
	6,000 & Below	55,342	45,421	9,921	252,710	228,403	24,307	6,334	2,127	4,207
	6,001 - 8,000	66,592	65,664	928	467,743	461,289	6,454	7,023	5,897	1,126
	8,001 - 10,000	60,883	60,269	614	547,015	541,529	5,486	9,512	8,497	1,015
	10,001 - 15,000	110,070	109,353	717	1,350,736	1,342,025	8,711	30,416	28,780	1,636
	15,001 - 20,000	57,769	57,331	438	1,004,270	996,668	7,602	36,030	34,445	1,585
	20,001 - 30,000	65,635	65,172	463	1,599,485	1,588,248	11,237	89,051	86,649	2,402
30,001 - 50,000	47,095	46,705	390	1,779,846	1,764,910	14,936	158,770	155,514	3,256	
50,001 - 100,000	24,790	24,635	155	1,677,434	1,667,151	10,283	263,452	260,199	3,253	
100,001 - 200,000	7,242	7,192	50	968,894	962,162	6,732	231,454	228,889	2,565	
Over 200,000	1,982	1,961	21	674,629	667,024	7,605	217,972	215,270	2,702	

Note : See note to Table 13.10.

Source : Inland Revenue Department

13.12 INCOME TAX ASSESSMENT OF COMPANIES, 1983 AND 1984

Assessed Income Group (\$)	Taxpayers			Assessed Income			Tax Assessed			
	Total	Resident	Non-resident	Total	Resident	Non-resident	Total	Resident	Non-resident	
	Number			Thousand Dollars						
	1983									
	Total	10,879	10,412	467	6,845,231	6,056,741	788,490	2,577,542	2,377,745	199,797
	10,000 & Below	2,531	2,476	55	11,562	11,344	218	4,613	4,526	87
	10,001 - 20,000	1,208	1,157	51	18,288	17,541	747	7,306	7,007	299
	20,001 - 30,000	882	852	30	22,764	21,998	766	9,083	8,777	306
	30,001 - 50,000	1,238	1,195	43	49,740	48,084	1,656	19,867	19,205	662
	50,001 - 100,000	1,481	1,414	67	109,691	104,883	4,808	43,842	41,931	1,911
	100,001 - 300,000	1,659	1,590	69	293,294	281,446	11,848	116,991	112,352	4,639
	300,001 - 500,000	546	519	27	213,105	202,248	10,857	84,795	80,552	4,243
	500,001 - 1,000,000	517	489	28	373,641	352,706	20,935	148,153	140,076	8,077
	Over 1,000,000	817	720	97	5,753,146	5,016,491	736,655	2,142,892	1,963,319	179,573
	1984									
	Total	9,792	9,480	312	6,804,740	6,298,159	506,581	2,964,490	2,854,779	109,711
	10,000 & Below	2,041	1,974	67	9,599	9,326	273	4,001	3,892	109
	10,001 - 20,000	1,009	978	31	15,464	14,985	479	7,839	7,647	192
	20,001 - 30,000	767	752	15	20,013	19,641	372	9,936	9,787	149
	30,001 - 50,000	1,157	1,128	29	47,043	45,859	1,184	29,716	29,243	473
	50,001 - 100,000	1,377	1,337	40	102,340	99,427	2,913	56,616	55,451	1,165
	100,001 - 300,000	1,598	1,559	39	286,912	280,204	6,708	141,935	139,252	2,683
300,001 - 500,000	500	486	14	199,728	194,242	5,486	113,596	111,470	2,126	
500,001 - 1,000,000	490	472	18	351,058	338,707	12,351	175,452	170,682	4,770	
Over 1,000,000	853	794	59	5,772,583	5,295,768	476,815	2,425,399	2,327,355	98,044	

Note : See note to Table 13.10.

Source : Inland Revenue Department

Consumer Price Index

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

Retail Prices

Retail prices of selected goods are collected regularly from markets, supermarkets, provision shops, econ-mini marts and other retail outlets spread over the entire island. Prices are collected thrice weekly for perishable food items such as fish,

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

Wholesale Price Indices

The series of wholesale price indices consist of the General Wholesale Price Index and Indices on Singapore manufactured products, imported products, exported products, building materials and local farm products. The list of items and weighting patterns for the Singapore manufactured products 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 and imported products series were derived from exports and imports statistics of 1978 and 1984 respectively. The series

on local farm products was based on data supplied by the Primary Production Department. The weights for the General Wholesale Price Index were made proportionate to the combined value of retained imports and locally manufactured goods sold in the domestic market and those for the building materials entering the building and construction industries.

Wholesale Prices

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

14.1 CONSUMER PRICE INDEX, 1977-1985

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					
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
1985	103.7	100.7	97.1	104.3	107.9	109.0
Annual Percentage Change						
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
1985	0.5	-1.2	-2.5	2.5	3.3	1.2

¹ The weights refer to the consumption pattern of 1982/83 and are used in the computation of the 1983, 1984 and 1985 indices. Indices for the period 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
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
1985	.92	.83	.67	.70	1.75	6.68	5.67	13.12	10.97	4.51	1.01	1.57

¹ 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									
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
1985	5.49	2.64	8.38	5.05	10.81	14.55	21.77	15.04	1.55	1.77	2.28	5.33

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
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
1985	1.05	1.94	.99	.67	.29	.38	1.26	.99	1.07	11.68	4.87	3.60

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

³ Prior to 1982, prices refer to 500g tin.

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										
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
1985	142.2	117.7	182.5	127.6	245.8	86.2	131.3	110.7	125.5	128.8
Annual Percentage Change										
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
1985	-2.3	-3.0	2.0	-9.8	1.9	-23.9	-2.2	-4.6	-1.6	-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										
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
1985	138.4	123.0	192.5	119.7	213.6	84.7	145.6	112.1	90.2	137.6
Annual Percentage Change										
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
1985	-3.8	-0.7	2.4	-12.5	-1.5	-16.0	-2.9	-6.1	-2.4	-3.2

14.5 IMPORT 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 ¹ Period	10,000	682	72	507	2,923	234	491	1,366	3,065	660
1985 = 100										
1977	79.9	92.9	72.6	103.9	47.0	110.2	85.0	89.8	83.4	91.9
1978	82.9	93.0	76.4	113.9	44.8	108.3	85.3	95.4	88.1	94.7
1979	93.6	97.4	80.1	139.6	62.4	122.0	96.2	102.9	90.9	97.9
1980	109.4	102.9	87.8	152.3	102.6	106.4	110.8	112.0	96.4	105.6
1981	111.1	104.5	94.3	120.9	120.8	102.4	109.4	114.0	99.9	106.4
1982	106.2	104.2	96.4	102.2	112.5	83.3	105.6	110.5	102.4	103.1
1983	103.5	100.1	98.1	118.2	100.4	90.9	102.3	105.0	100.8	100.7
1984	102.8	101.4	99.0	114.0	97.1	138.1	101.2	103.7	102.0	100.6
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Annual Percentage Change										
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
1985	-2.7	-1.4	1.0	-12.3	3.0	-27.6	-1.2	-3.6	-1.9	-0.6

¹ The weights are based on the 1984 imports statistics and are used in the computation of the 1985 indices. Weights of indices for the period 1977-1984 relate to 1973 imports statistics.

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
1985	130.1	107.1	120.9	86.0	180.6	79.0	138.7	104.6	118.9	109.1
	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
1985	-1.9	3.6	-1.2	-11.6	-2.0	-19.2	-3.3	-3.6	3.2	-0.6

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										
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
1985	108.2	146.9	175.7	126.4	75.4	189.8	132.8	90.4	58.3	145.5	145.6
Annual Percentage Change											
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
1985	-7.2	-3.6	-15.5	1.5	-17.9	-12.2	-8.2	-0.8	-10.3	-	-1.8

14.8 LOCAL FARM PRODUCTS PRICE INDEX

Section	All Items	Pigs	Fowls	Ducks	Hen Eggs	Leafy Vegetables	Fruit Vegetables	Root Vegetables	Fresh Fish
Weights ¹	10,000	3,621	2,366	605	1,015	702	26	7	1,658
Period	1985 = 100								
1977	87.0	97.2	99.6	90.4	102.6	43.3	60.9	51.7	69.1
1978	84.4	92.4	99.0	83.4	85.9	49.4	58.2	51.3	72.4
1979	89.2	92.2	105.5	84.9	107.5	54.0	70.0	55.9	78.8
1980	98.8	109.3	104.8	108.0	102.0	72.1	78.7	65.2	81.9
1981	112.2	125.6	118.5	133.7	123.9	74.0	83.5	77.8	89.4
1982	117.1	132.2	116.0	121.6	108.0	101.9	109.9	86.1	95.0
1983	115.9	133.3	108.2	109.2	98.6	111.5	113.7	98.6	94.8
1984	103.6	100.8	102.9	115.6	110.7	106.9	110.6	111.9	102.5
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Annual Percentage Change									
1977	11.6	20.4	-1.6	11.3	-0.8	21.4	11.9	47.4	15.2
1978	-3.0	-4.9	-0.5	-7.8	-16.3	14.1	-4.5	-0.9	4.8
1979	5.7	-0.2	6.6	1.9	25.1	9.2	20.3	9.0	8.7
1980	10.8	18.5	-0.7	27.2	-5.2	33.6	12.5	16.7	4.0
1981	13.6	14.9	13.0	23.8	21.6	2.6	6.1	19.3	9.2
1982	4.3	5.3	-2.1	-9.1	-12.8	37.7	31.6	10.7	6.2
1983	-1.0	0.8	-6.7	-10.2	-8.8	9.4	3.4	14.5	-0.2
1984	-10.6	-24.4	-4.9	5.9	12.3	-4.1	-2.7	13.4	8.1
1985	-3.5	-0.8	-2.8	-13.5	-9.7	-6.5	-9.6	-10.6	-2.4

¹ The weights are based on the 1984 production values of local farm products and are used in the computation of the 1985 indices. Indices for the period 1977-1984 relate to the weighting pattern of 1973.

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)
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
1985	167.04	160.92	158.92	155.26	157.85	155.77	137.20	797.68	893.78	556.39	127.67	1,169	29.65

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

15 EDUCATION

ATION

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, Ngee Ann Polytechnic, the Vocational and Industrial Training Board or training institutes under joint sponsorship of the Economic Development Board and foreign organizations.

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 16 training institutes and offers full-time and part-time training programmes in about 50 courses at the following levels: Diploma in Applied Arts, the Industrial Technician Certificate, the Certificate in Business Studies, Preliminary Certificate in Business Studies, the National Trade Certificate Grade 2 and 3, Pre-vocational Training and the

Certificate of Competency. In addition, part-time continuing education programmes in commercial, 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 produced its first batch of 557 graduates in April 1985. The student enrolment for the 1985-86 academic session is 2,078.

The *Singapore Polytechnic* conducts Diploma courses in Architectural Technology, Building, Chemical Process Technology, Civil Engineering Construction, Civil Engineering Design, Electrical Engineering, Electronics and Communication Engineering, Industrial Management, Land Surveying, Marine Engineering, Maritime Studies (Shipping Commerce), Maritime Studies (Shipping Management), Mechanical Engineering and Manufacturing (replacing Production) Engineering, Nautical Studies, Plastics Technology (Advanced) and Quantity Surveying; Certificate courses in Aeronautical Maintenance Engineering, Industrial Management, Maritime Radiocommunications, Maritime Studies (Shipping Management), 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 Offshore Engineering and Public Health Engineering. The Polytechnic also offers a Business Studies course at the middle-management level leading to the Diploma in Business, a diploma course in Computer Studies and an advanced diploma course in Computer Studies. In addition, part-time courses in Building Management, Building Services Engineering, Public Health Engineering, and Business Studies equivalent to the full-time courses as well as other continuing education courses are held, such as Industrial Management, Ship Construction, Microprocessor Engineering, Numerical Controlled and Computerised Numerical Controlled Machining, Industrial Automation and Control, Computer-Aided Design and Computer-Aided Manufacturing, Solid State Electronic and Basic Programming.

The *Institute of Education* is the only tertiary institution responsible for teacher training and the promotion of research in Education. The Institute 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 Programmes for preparing teachers for primary and lower secondary levels. The Institute also provides further training for practising teachers through short-term in-service courses.

The Institute also conducts Further Professional Programmes leading to formal qualifications. The one-year full-time Diploma in Education Administration (Primary School) Programme which was introduced in 1984, is aimed at preparing the participants for the role of Principal and Vice-Principal in primary schools. The one-year full-time Further Professional Certificate in Education Programme prepares serving non-graduate teachers for the role of Heads of Departments in the primary schools.

In January 1985, another two new full-time programmes were launched. They are the Diploma in Educational Administration (Secondary School) and

the Further Professional Diploma in Education. These two programmes are aimed at preparing the participants for the roles of Principals/Vice-Principals and Heads of Departments respectively in secondary schools.

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 1985/86 was \$1,470 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		
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
1985	526,975	278,060	190,328	154,435	19,782	16,111	18,894	39,693

Note : Data refer to end-June. From 1980-1982, figures for Primary and Secondary Schools 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. Figures include part-time students in industrial skill courses.
- Refer to National University of Singapore, Singapore Polytechnic, Ngee Ann Polytechnic and Institute of Education. From 1982, Nanyang Technological Institute is included. Figures include part-time students in the polytechnics.

15.2 STUDENTS AND TEACHERS IN EDUCATIONAL INSTITUTIONS, 1985

Number

	Institutions	Students			Teachers		
		Total	Males	Females	Total	Males	Females
Total	421	526,975	280,482	246,493	24,581	10,851	13,730
Primary Schools	252	278,060	147,083	130,977	10,625	3,171	7,454
Secondary Schools & Junior Colleges	149	190,328	93,825	96,503	8,562	3,568	4,994
Technical & Vocational Institutes ¹	15	18,894	14,635	4,259	1,686	1,275	411
Polytechnics ²	2	21,610	15,684	5,926	1,633	1,288	345
Institute of Education	1	1,125	216	909	173	94	79
National University of Singapore & Nanyang Technological Institute ²	2	16,958	9,039	7,919	1,902	1,455	447

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

See note and footnotes to Tables 15.1, 15.3 and 15.6.

1 Data for teachers exclude part-time staff.

2 Data for teachers include part-time staff.

Source : Ministry of Education

15.3 PRIMARY SCHOOLS, STUDENTS AND TEACHERS BY TYPE OF SCHOOL

Number

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total Schools¹	391	379	376	364	351	338	327	321	305	275	252
Government	193	190	199	196	193	199	200	212	207	193	180
Government-aided	194	185	174	165	156	137	125	107	96	81	71
Private	4	4	3	3	2	2	2	2	2	1	1
Total Students¹	328,401	316,265	308,342	300,398	297,873	299,252	289,697	289,092	290,800	288,623	278,060
Government	215,657	213,149	214,749	214,727	217,163	221,717	214,763	220,197	219,742	219,930	211,855
Government-aided	112,377	102,824	93,392	85,491	80,527	77,323	74,756	68,734	70,862	68,564	66,020
Private	367	292	201	180	183	212	178	161	196	129	185
Total Teachers²	11,055	10,597	10,345	10,347	10,492	10,090	9,465	9,452	9,921	10,657	10,625
Government	7,044	7,047	7,064	7,242	7,276	7,244	7,260	7,437	7,854	8,132	8,104
Government-aided	3,718	3,534	3,267	3,097	3,200	2,837	2,194	2,007	2,061	2,521	2,509
Private	293	16	14	8	16	9	11	8	6	4	12

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 and those seconded to headquarters, statutory boards and other ministries. From 1976, kindergarten teachers are excluded.

15.4 PRIMARY SCHOOL STUDENTS AND TEACHERS BY LANGUAGE MEDIUM OF SCHOOL

Number

Language Medium	Year	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Students ¹												
Total		328,401	316,265	308,342	300,398	297,873	299,252	289,697	289,092	290,800	288,623	278,060
Males		173,406	166,678	163,292	158,776	157,694	158,333	152,613	152,495	153,483	153,067	147,083
Females		154,995	149,587	145,050	141,622	140,179	140,919	137,084	136,597	137,317	135,556	130,977
English		234,251	234,700	237,994	241,469	248,507	252,398	251,254	255,921	273,085	277,785	272,507
Males		123,713	123,664	125,875	127,556	131,423	133,104	131,699	134,450	143,423	146,677	143,713
Females		110,538	111,036	112,119	113,913	117,084	119,294	119,555	121,471	129,662	131,108	128,794
Chinese		89,823	78,712	68,315	57,455	48,283	46,078	37,968	32,855	17,550	10,752	5,531
Males		47,939	41,845	36,539	30,547	25,754	24,846	20,664	17,884	9,976	6,350	3,360
Females		41,884	36,867	31,776	26,908	22,529	21,232	17,304	14,971	7,574	4,402	2,171
Malay		3,883	2,567	1,837	1,362	1,029	760	475	316	165	86	22
Males		1,571	1,055	798	621	489	371	250	161	84	40	10
Females		2,312	1,512	1,039	741	540	389	225	155	81	46	12
Tamil		444	286	196	112	54	16	-	-	-	-	-
Males		183	114	80	52	28	12	-	-	-	-	-
Females		261	172	116	60	26	4	-	-	-	-	-
Teachers ²												
Total		11,055	10,597	10,345	10,347	10,492	10,090	9,465	9,452	9,921	10,657	10,625
Males		3,556	3,497	3,418	3,459	3,436	3,341	3,175	3,153	3,143	3,272	3,171
Females		7,499	7,100	6,927	6,888	7,056	6,749	6,290	6,299	6,778	7,385	7,454
English		7,277	7,203	7,350	7,624	7,838	7,856	7,846	7,964	8,543	9,413	9,586
Males		1,978	2,036	2,113	2,271	2,378	2,384	2,453	2,495	2,564	2,786	2,782
Females		5,299	5,167	5,237	5,353	5,460	5,472	5,393	5,469	5,979	6,627	6,804
Chinese		3,332	3,003	2,731	2,510	2,499	2,102	1,520	1,405	1,331	1,227	1,023
Males		1,325	1,245	1,151	1,065	960	870	661	606	549	480	374
Females		2,007	1,758	1,580	1,445	1,539	1,232	859	799	782	747	649
Malay		413	361	238	196	141	123	93	78	47	17	16
Males		239	202	143	115	90	82	58	49	30	6	15
Females		174	159	95	81	51	41	35	29	17	11	1
Tamil		33	30	26	17	14	9	6	5	-	-	-
Males		14	14	11	8	8	5	3	3	-	-	-
Females		19	16	15	9	6	4	3	2	-	-	-

Note : See footnotes to Table 15.3.

Source : Ministry of Education

15.5 ENROLMENT IN PRIMARY SCHOOLS BY AGE AND LEVEL, END JUNE 1985

Number

Age As At 1.1.85	Total	Primary 1	Primary 2	Primary 3	Primary 4	Primary 5	Primary 6	Primary 7	Primary 8
Males									
Total	147,083	20,373	20,280	22,691	20,966	22,799	24,596	7,808	7,570
Under 6	10	10	-	-	-	-	-	-	-
6 & Under 7	20,227	20,221	6	-	-	-	-	-	-
7 & Under 8	20,103	100	19,991	12	-	-	-	-	-
8 & Under 9	22,532	29	193	22,301	9	-	-	-	-
9 & Under 10	20,694	6	71	246	20,350	21	-	-	-
10 & Under 11	22,336	6	12	104	393	21,817	4	-	-
11 & Under 12	24,175	1	6	20	176	603	22,078	1,291	-
12 & Under 13	8,690	-	-	8	26	260	1,917	5,392	1,087
13 & Under 14	6,263	-	-	-	10	76	453	916	4,808
14 & Under 15	1,620	-	-	-	2	19	91	181	1,327
15 & Under 16	391	-	-	-	-	3	31	20	337
16 & Over	42	-	1	-	-	-	22	8	11
Females									
Total	130,977	19,053	18,609	20,778	19,383	20,639	23,051	4,865	4,599
Under 6	6	6	-	-	-	-	-	-	-
6 & Under 7	18,957	18,951	6	-	-	-	-	-	-
7 & Under 8	18,515	77	18,425	12	1	-	-	-	-
8 & Under 9	20,683	13	139	20,524	7	-	-	-	-
9 & Under 10	19,181	4	32	176	18,960	9	-	-	-
10 & Under 11	20,403	2	6	55	296	20,034	10	-	-
11 & Under 12	22,386	-	1	8	105	421	20,763	1,087	1
12 & Under 13	6,081	-	-	3	12	147	1,828	3,197	894
13 & Under 14	3,797	-	-	-	2	19	381	499	2,896
14 & Under 15	809	-	-	-	-	8	47	71	683
15 & Under 16	146	-	-	-	-	1	18	7	120
16 & Over	13	-	-	-	-	-	4	4	5

Source : Ministry of Education

15.6 SECONDARY SCHOOLS, STUDENTS AND TEACHERS BY TYPE OF SCHOOL

Number

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total Schools¹	124	126	131	135	135	141	145	150	147	150	149
Government	70	72	77	79	80	86	90	94	93	98	98
Government-aided	48	48	49	51	51	51	51	52	50	48	47
Private	6	6	5	5	4	4	4	4	4	4	4
Total Students¹	176,224	177,992	178,186	179,811	176,521	173,693	177,238	176,845	182,343	187,764	190,328
Government	127,651	128,148	127,769	128,509	126,017	124,256	128,127	128,854	133,839	137,400	137,526
Government-aided	46,687	48,022	48,724	49,612	48,735	47,549	47,333	46,198	46,629	48,445	50,763
Private	1,886	1,822	1,693	1,690	1,769	1,888	1,778	1,793	1,875	1,919	2,039
Total Teachers²	6,778	6,855	6,963	7,055	7,642	7,906	8,273	8,347	8,644	8,236	8,562
Government	5,045	5,048	5,106	5,115	5,573	5,605	5,655	5,694	5,946	6,006	6,261
Government-aided	1,659	1,738	1,784	1,873	2,003	2,234	2,553	2,584	2,625	2,150	2,227
Private	74	69	73	67	66	67	65	69	73	80	74

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 and those seconded to headquarters, statutory boards and other ministries. Prior to 1979, teachers in centralized workshops are excluded. 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	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Students ¹												
Total		176,224	177,992	178,186	179,811	176,521	173,693	177,238	176,845	182,343	187,764	190,328
Males		86,753	86,731	86,362	87,071	85,467	84,210	86,522	86,819	90,060	92,796	93,825
Females		89,471	91,261	91,824	92,740	91,054	89,483	90,716	90,026	92,283	94,968	96,503
English		116,094	117,946	119,514	123,936	130,699	133,116	143,934	148,431	164,546	176,397	184,495
Males		56,322	56,546	56,988	59,201	62,511	64,244	70,041	72,835	81,066	87,033	90,871
Females		59,772	61,400	62,526	64,735	68,188	68,872	73,893	75,596	83,480	89,364	93,624
Chinese		52,263	53,917	54,093	52,715	43,986	39,405	32,522	27,923	17,507	11,220	5,779
Males		27,820	28,315	27,995	26,920	22,373	19,591	16,219	13,803	8,884	5,701	2,935
Females		24,443	25,602	26,098	25,795	21,613	19,814	16,303	14,120	8,623	5,519	2,844
Malay		7,507	5,794	4,301	2,944	1,668	1,062	678	423	252	122	54
Males		2,441	1,736	1,272	878	526	333	217	146	82	45	19
Females		5,066	4,058	3,029	2,066	1,142	729	461	277	170	77	35
Tamil		360	335	278	216	168	110	104	68	38	25	-
Males		170	134	107	72	57	42	45	35	28	17	-
Females		190	201	171	144	111	68	59	33	10	8	-
Teachers ²												
Total		6,778	6,855	6,963	7,055	7,642	7,906	8,273	8,347	8,644	8,236	8,562
Males		3,418	3,396	3,375	3,322	3,602	3,542	3,662	3,652	3,688	3,493	3,568
Females		3,360	3,459	3,588	3,733	4,040	4,364	4,611	4,695	4,956	4,743	4,994
English		4,314	4,395	4,531	4,630	5,194	5,684	6,261	6,530	7,022	7,361	7,839
Males		1,968	1,966	1,970	1,965	2,249	2,380	2,661	2,767	2,907	3,085	3,235
Females		2,346	2,429	2,561	2,665	2,945	3,304	3,600	3,763	4,115	4,276	4,604
Chinese		2,078	2,106	2,113	2,132	2,189	2,034	1,888	1,723	1,546	820	704
Males		1,204	1,201	1,196	1,167	1,184	1,037	919	822	730	381	322
Females		874	905	917	965	1,005	997	969	901	816	439	382
Malay		373	344	308	278	244	176	116	87	73	55	19
Males		238	224	203	184	163	118	76	58	48	27	11
Females		135	120	105	94	81	58	40	29	25	28	8
Tamil		13	10	11	15	15	12	8	7	3	-	-
Males		8	5	6	6	6	7	6	5	3	-	-
Females		5	5	5	9	9	5	2	2	-	-	-

Note : See footnotes to Table 15.6.

Source : Ministry of Education

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

15.8 ENROLMENT IN SECONDARY SCHOOLS BY AGE AND LEVEL, END JUNE 1985

Number

Age As At 1.1.85	Total	Secondary I	Secondary II	Secondary III	Secondary IV	Secondary V	Pre- university I	Pre- university II	Pre- university III	Junior College I	Junior College II
Total Under 12 12 & Under 13 13 & Under 14 14 & Under 15 15 & Under 16 16 & Under 17 17 & Under 18 18 & Under 19 19 & Under 20 20 & Under 21	Males										
	93,825	21,453	18,740	19,297	20,788	2,094	1,193	1,022	970	4,558	3,710
	14	13	1	-	-	-	-	-	-	-	-
	15,927	15,918	9	-	-	-	-	-	-	-	-
	16,921	2,279	14,545	97	-	-	-	-	-	-	-
	18,287	2,377	2,509	13,300	100	1	-	-	-	-	-
	17,714	641	1,325	3,819	11,870	3	6	-	-	50	-
	13,243	208	324	1,946	5,507	1,323	400	-	-	3,529	6
	8,207	14	22	97	3,200	528	513	391	1	763	2,678
	2,442	1	3	30	74	234	248	449	399	207	797
	916	2	2	5	29	4	17	174	451	8	224
	154	-	-	3	8	1	9	8	119	1	5
	Females										
	96,503	20,853	18,771	19,101	21,225	1,846	2,133	1,585	1,603	5,270	4,116
	8	8	-	-	-	-	-	-	-	-	-
	16,616	16,603	12	1	-	-	-	-	-	-	-
	17,487	2,068	15,374	44	1	-	-	-	-	-	-
	18,420	1,752	2,188	14,423	56	-	-	-	-	1	-
	17,804	340	1,032	3,141	13,262	9	1	-	-	19	-
	13,406	76	143	1,393	5,255	1,248	1,003	-	-	4,279	9
	8,711	5	9	70	2,543	450	761	834	24	845	3,170
	2,988	-	6	21	68	139	292	587	942	122	811
	953	-	6	8	31	-	66	145	568	4	125
	110	1	1	-	9	-	10	19	69	-	1

Source : Ministry of Education

15.9 ENROLMENT IN INSTITUTIONS OF HIGHER LEARNING

Number

Year	Total		National University of Singapore ¹		Nanyang Technological Institute		Singapore Polytechnic ²		Ngee Ann Polytechnic ²		Institute of Education	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
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
1985	24,939	14,754	7,214	7,666	1,825	253	9,965	2,880	5,719	3,046	216	909

¹ The University of Singapore and Nanyang University were merged to form the National University of Singapore on 8 August 1980.

Source : Ministry of Education

² Figures include part-time students.

15.10 MALE STUDENTS ADMITTED TO INSTITUTIONS OF HIGHER LEARNING

Number

Course	Session	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86
Total		3,995	4,026	3,803	3,949	4,030	5,081	5,549	6,570	6,907	8,713	9,230
National University of Singapore		973	993	971	1,095	1,205	1,478	1,709	1,913	1,683	2,224	2,346
Arts & Social Sciences		145	147	155	159	137	181	225	237	172	223	242
Science ¹		80	120	94	166	188	204	220	298	281	411	369
Medicine		70	65	88	82	91	105	132	147	134	157	143
Dentistry		17	20	18	16	25	20	19	22	23	35	29
Law		67	58	51	43	36	59	62	67	94	107	113
Business Administration		129	112	91	120	80	128	155	171	123	141	199
Accountancy		113	82	87	92	78	85	89	91	81	101	122
Architecture, Building & Estate Management		90	83	71	80	87	142	149	112	114	173	143
Engineering		262	306	316	337	483	554	658	768	661	876	986
Nanyang Technological Institute		-	-	-	-	-	-	-	-	-	-	641
Singapore Polytechnic		2,184	2,241	2,102	2,143	2,022	2,743	2,917	3,335	3,700	4,109	3,820
Engineering		1,774	1,800	1,784	1,848	1,810	2,316	2,320	2,745	3,017	3,519	3,333
Architecture & Building		247	266	154	170	124	332	478	414	450	416	351
Nautical		163	175	164	125	88	95	119	176	233	174	136
Ngee Ann Polytechnic		732	604	595	584	547	733	796	1,173	1,348	2,262	2,240
Engineering		581	495	505	501	459	619	663	951	1,081	1,985	2,012
Business Studies		151	109	90	83	88	114	133	165	192	167	179
Computer Studies		-	-	-	-	-	-	-	57	75	110	49
Institute of Education		106	188	135	127	256	127	127	149	176	118	183

¹ Includes Pharmacy.

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

15.11 FEMALE STUDENTS ADMITTED TO INSTITUTIONS OF HIGHER LEARNING

		Number										
Course \ Session	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	
Total	1,851	2,322	2,051	2,171	2,676	3,387	3,277	4,185	4,882	5,092	5,535	
National University of Singapore	850	1,013	907	839	974	1,524	1,719	2,024	2,478	2,217	2,308	
Arts & Social Sciences	294	355	289	276	315	466	513	661	781	686	719	
Science ¹	95	182	185	176	221	390	439	461	521	501	538	
Medicine	50	55	52	57	49	65	38	53	68	49	57	
Dentistry	20	16	18	19	11	18	19	15	14	3	9	
Law	78	59	47	40	61	60	72	94	103	105	87	
Business Administration	84	116	81	83	117	198	238	269	397	353	292	
Accountancy	170	172	106	109	132	218	258	296	342	326	334	
Architecture, Building & Estate Management	34	34	69	30	37	63	70	106	125	108	115	
Engineering	25	24	60	49	31	46	72	69	127	86	157	
Nanyang Technological Institute	-	-	-	-	-	-	-	-	-	-	82	
Singapore Polytechnic	391	541	457	442	505	736	774	859	997	1,189	1,000	
Engineering	253	421	365	369	426	531	474	553	625	790	727	
Architecture & Building	138	120	92	73	79	205	300	302	343	347	222	
Nautical	-	-	-	-	-	-	-	4	29	52	51	
Ngee Ann Polytechnic	228	191	170	148	265	379	358	561	904	1,220	1,423	
Engineering	59	62	57	36	99	163	125	179	303	528	608	
Business Studies	169	129	113	112	166	216	233	319	436	582	715	
Computer Studies	-	-	-	-	-	-	-	63	165	110	100	
Institute of Education	382	577	517	742	932	748	426	741	503	466	722	

1 Includes Pharmacy.

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

15.12 MALE GRADUATES FROM INSTITUTIONS OF HIGHER LEARNING

Number

Course \ Session	1974/75	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85
Total	3,016	2,427	3,065	3,506	3,511	3,055	3,426	3,736	4,085	4,743	5,153
National University of Singapore	796	773	745	812	897	902	1,117	1,254	1,397	1,583	1,337
Arts & Social Sciences	112	119	101	147	184	188	229	209	224	239	280
Science ¹	102	85	67	65	127	99	198	293	270	219	313
Medicine	73	72	83	79	48	69	68	77	83	105	82
Dentistry	30	15	18	25	13	15	18	11	27	23	12
Law	42	47	47	30	56	41	43	36	31	52	60
Business Administration	89	82	87	107	102	86	147	139	145	161	178
Accountancy	91	74	67	95	74	81	92	96	91	80	73
Architecture, Building & Estate Management	39	59	48	58	77	77	51	91	112	155	146
Engineering	218	220	227	206	216	246	271	302	414	549	193
Nanyang Technological Institute	-	-	-	-	-	-	-	-	-	-	501
Singapore Polytechnic	1,905	1,383	1,868	2,012	2,014	1,590	1,594	1,838	1,965	2,148	2,223
Engineering	1,852	1,063	1,564	1,693	1,687	1,390	1,412	1,536	1,598	1,694	1,809
Architecture & Building	144	191	171	181	230	179	157	274	262	287	293
Nautical	109	129	133	138	97	21	25	28	105	167	121
Ngee Ann Polytechnic	264	222	332	528	492	452	493	492	585	834	953
Engineering	199	158	258	411	404	394	447	421	483	665	781
Business Studies	65	64	74	117	88	58	46	71	102	124	151
Computer Studies	-	-	-	-	-	-	-	-	-	45	21
Institute of Education	51	49	120	154	108	111	222	152	138	178	139

¹ Includes Pharmacy.

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

15.13 FEMALE GRADUATES FROM INSTITUTIONS OF HIGHER LEARNING

Number

Course \ Session	1974/75	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85
Total	1,252	1,335	1,860	1,733	2,207	1,789	2,941	2,783	2,866	3,549	3,833
National University of Singapore	663	748	836	820	1,008	869	1,070	1,141	1,508	1,826	2,117
Arts & Social Sciences	261	300	348	337	373	330	390	414	541	600	766
Science ¹	130	140	117	111	184	166	262	284	393	507	541
Medicine	35	31	42	36	42	47	53	51	44	58	55
Dentistry	11	22	15	20	18	18	18	11	16	21	15
Law	39	61	66	79	73	56	42	37	49	54	67
Business Administration	74	55	79	82	94	84	86	134	188	229	286
Accountancy	90	110	125	124	181	89	102	125	201	265	291
Architecture, Building & Estate Management	10	11	23	23	21	40	65	38	49	56	77
Engineering	13	18	21	8	22	19	52	47	27	36	19
Nanyang Technological Institute	-	-	-	-	-	-	-	-	-	-	56
Singapore Polytechnic	318	288	464	375	478	379	469	586	561	615	644
Engineering	210	175	336	235	317	261	317	355	325	382	401
Architecture & Building	108	113	128	140	161	118	152	231	233	229	239
Nautical	-	-	-	-	-	-	-	-	3	4	4
Ngee Ann Polytechnic	94	90	105	188	171	128	102	259	343	459	589
Engineering	15	14	18	44	55	51	28	105	141	126	141
Business Studies	79	76	87	144	116	77	74	154	202	273	366
Computer Studies	-	-	-	-	-	-	-	-	-	60	82
Institute of Education	177	209	455	350	550	413	1,300	797	454	649	427

1 Includes Pharmacy.

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

15.14 STUDENTS ADMITTED TO VOCATIONAL AND INDUSTRIAL TRAINING INSTITUTES

Number

Course Level	1981			1982			1983			1984			1985		
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females
Total	12,666	10,919	1,747	16,974	15,116	1,858	19,311	16,437	2,874	17,191	14,188	3,003	22,276	18,043	4,233
Full-time	7,154	5,854	1,300	8,623	7,287	1,336	8,881	6,896	1,985	6,420	4,305	2,115	11,891	8,626	3,265
Part-time	5,512	5,065	447	8,351	7,829	522	10,430	9,541	889	10,771	9,883	888	10,385	9,417	968
Diploma in Applied Arts	41	15	26	61	26	35	67	23	44	65	22	43	95	26	69
Full-time	41	15	26	61	26	35	67	23	44	65	22	43	95	26	69
Industrial Technician Certificate	980	865	115	1,050	951	99	879	797	82	981	831	150	1,185	989	196
Full-time	934	834	100	890	801	89	799	721	78	656	540	116	885	717	168
Part-time	46	31	15	160	150	10	80	76	4	325	291	34	300	272	28
National Trade Certificate (Grade 2)	1,920	1,738	182	3,959	3,696	263	4,960	4,771	189	5,007	4,708	299	4,712	4,447	265
Full-time	441	386	55	661	562	99	545	506	39	762	707	55	1,076	1,012	64
Part-time	1,479	1,352	127	3,298	3,134	164	4,415	4,265	150	4,245	4,001	244	3,636	3,435	201
National Trade Certificate (Grade 3)	7,698	7,002	696	8,936	8,155	781	9,585	8,309	1,276	8,709	7,519	1,190	12,085	10,072	2,013
Full-time	4,589	4,015	574	4,913	4,391	522	4,423	3,795	628	2,981	2,381	600	6,016	4,739	1,277
Part-time	3,109	2,987	122	4,023	3,764	259	5,162	4,514	648	5,728	5,138	590	6,069	5,333	736
Artisan Certificate/ Certificate of Competency	548	498	50	1,674	1,618	56	1,870	1,820	50	303	299	4	12	10	2
Full-time	388	387	1	1,355	1,352	3	1,428	1,428	-	224	220	4	12	10	2
Part-time	160	111	49	319	266	53	442	392	50	79	79	-	-	-	-
Pre-vocational Training	-	-	-	-	-	-	-	-	-	142	114	28	2,406	1,913	493
Full-time	-	-	-	-	-	-	-	-	-	142	114	28	2,406	1,913	493
Certificate in Business Studies	390	98	292	407	99	308	462	75	387	596	138	458	531	103	428
Full-time	390	98	292	407	99	308	462	75	387	596	138	458	531	103	428
Preliminary Certificate in Business Studies	371	119	252	336	56	280	901	92	809	914	103	811	851	87	764
Full-time	371	119	252	336	56	280	901	92	809	914	103	811	851	87	764
Other Courses ¹	718	584	134	551	515	36	587	550	37	474	454	20	399	396	3
Full-time	-	-	-	-	-	-	256	256	-	80	80	-	19	19	-
Part-time	718	584	134	551	515	36	331	294	37	394	374	20	380	377	3

Note : Figures exclude part-time courses in languages, commercial and non-examination courses.

Source : Vocational & Industrial Training Board

¹ Figures refer to ad hoc courses and modular skill training courses.

15.15 STUDENTS COMPLETED COURSES AT VOCATIONAL AND INDUSTRIAL TRAINING INSTITUTES

Number

Course Level	1981			1982			1983			1984			1985		
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females
Total	11,637	9,854	1,783	15,376	13,719	1,657	16,874	15,125	1,749	17,107	14,386	2,721	18,049	14,847	3,202
Full-time	5,817	4,535	1,282	6,649	5,544	1,105	6,779	5,874	905	6,275	4,490	1,785	7,597	5,297	2,300
Part-time	5,820	5,319	501	8,727	8,175	552	10,095	9,251	844	10,832	9,896	936	10,452	9,550	902
Diploma in Applied Arts	-	-	-	-	-	-	37	13	24	30	13	17	59	22	37
Full-time	-	-	-	-	-	-	37	13	24	30	13	17	59	22	37
Industrial Technician Certificate	1,014	884	130	858	743	115	748	668	80	774	687	87	584	526	58
Full-time	985	858	127	811	705	106	716	640	76	748	669	79	532	480	52
Part-time	29	26	3	47	38	9	32	28	4	26	18	8	52	46	6
National Trade Certificate (Grade 2)	1,793	1,635	158	3,839	3,603	236	4,631	4,420	211	4,805	4,529	276	4,259	4,025	234
Full-time	225	188	37	484	443	41	249	221	28	509	465	44	462	422	40
Part-time	1,568	1,447	121	3,355	3,160	195	4,382	4,199	183	4,296	4,064	232	3,797	3,603	194
National Trade Certificate (Grade 3)	6,866	6,394	472	7,895	7,111	784	8,464	7,497	967	8,664	7,603	1,061	9,533	8,193	1,340
Full-time	3,394	3,065	329	3,629	3,112	517	3,723	3,285	438	2,805	2,398	407	3,293	2,653	640
Part-time	3,472	3,329	143	4,266	3,999	267	4,741	4,212	529	5,859	5,205	654	6,240	5,540	700
Artisan Certificate/ Certificate of Competency	435	379	56	1,420	1,367	53	1,941	1,845	96	747	743	4	12	10	2
Full-time	305	289	16	1,144	1,141	3	1,395	1,395	-	573	569	4	12	10	2
Part-time	130	90	40	276	226	50	546	450	96	174	174	-	-	-	-
Pre-vocational Training	-	-	-	-	-	-	-	-	-	134	107	27	1,930	1,556	374
Full-time	-	-	-	-	-	-	-	-	-	134	107	27	1,930	1,556	374
Certificate in Business Studies	-	-	-	-	-	-	311	77	234	433	81	352	415	68	347
Full-time	-	-	-	-	-	-	311	77	234	433	81	352	415	68	347
Preliminary Certificate in Business Studies	322	88	234	296	44	252	132	27	105	923	68	855	876	68	808
Full-time	322	88	234	296	44	252	132	27	105	923	68	855	876	68	808
Other Courses ¹	1,207	474	733	1,068	851	217	610	578	32	597	555	42	381	379	2
Full-time	-	-	-	-	-	-	216	216	-	120	120	-	18	18	-
Part-time	1,207	474	733	1,068	851	217	394	362	32	477	435	42	363	361	2

Note : Figures exclude part-time courses in languages, commercial and non-examination courses.

Source : Vocational & Industrial Training Board

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

15.16 GOVERNMENT EXPENDITURE ON EDUCATION

Thousand Dollars

	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86 ⁵
TOTAL	391,264	405,872	415,823	459,105	556,419	686,379	984,568	1,358,429	1,611,646	1,769,729	1,941,698
Recurrent Expenditure	339,870	361,222	381,368	426,354	505,207	587,469	749,496	983,750	1,107,112	1,272,560	1,469,642
Primary Schools	129,351	133,386	139,734	156,499	186,266	210,143	252,054	337,339	357,249	403,915	450,070
Secondary Schools & Junior Colleges	88,900	95,146	103,200	119,794	181,545	211,841	273,344	323,163	348,199	392,387	478,667
Vocational & Industrial Training Board ¹	43,243	43,275	46,034	47,923	22,190	29,694	39,140	47,401	55,121	65,662	78,870
Tertiary	59,865	70,387	71,649	78,867	90,186	109,649	147,321	224,936	291,782	350,151	392,359
National University of Singapore ²	41,048	43,563	42,568	48,570	58,185	74,557	100,141	156,434	197,947	240,448	256,056
Institute of Education	6,487	9,113	11,043	10,257	7,831	11,089	12,300	13,626	18,817	21,267	27,368
Polytechnics ³	12,330	17,711	18,038	20,040	24,170	24,003	34,880	54,876	75,018	88,436	108,935
Adult Education	2,384	1,896	2,021	2,106	2,810	-	-	-	-	-	-
Others ⁴	16,127	17,132	18,730	21,165	22,210	26,142	37,637	50,911	54,761	60,445	69,676
Development Expenditure	51,394	44,650	34,455	32,751	51,212	98,910	235,072	374,679	504,534	497,169	472,056

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

Source : Ministry of Education

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

3 Refer to 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, Extra Curricular Activities Centre, Institute of Southeast Asia and Headquarters Expenditure.

5 Based on Budget estimates.

16 HEALTH

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 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 10 government hospitals of which 5 are general hospitals providing accident and emergency services and multi-disciplinary treatment, and 5 specialist hospitals providing specialist treatment in obstetrics and gynaecology, psychiatry, skin and infectious diseases. In addition, there are 12 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 175 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.

16.1 HOSPITALS, GOVERNMENT CLINICS AND DISPENSARIES

Number

Year	Hospitals		Government Dental Clinics ¹	Government Outpatient Dispensaries	Maternal & Child Health Clinics
	Government	Private			
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	161	26	29
1985	10	12	175	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
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
1985	1,214	1,417	159	337	55	381	3,606	2,698	1,547	544	371	279

¹ Figures refer to those with professional degrees.

Source : Ministry of Health

16.3 GOVERNMENT HOSPITAL BEDS

Number

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
TOTAL	8,005	8,609	8,574	8,493	8,485	8,078	8,365	8,246	8,222	8,085	8,047
General Hospitals											
Alexandra Hospital	438	479	479	483	503	503	503	545	545	545	560
Changi Hospital	36	180	180	180	180	202	202	202	203	203	203
Sembawang Hospital ¹	64	64	64	64	64	64	64	62	-	-	-
Singapore General Hospital	1,521	1,521	1,521	1,521	1,459	1,397	1,651	1,500	1,593	1,656	1,671
Tan Tock Seng Hospital	1,369	1,369	1,358	1,311	1,345	1,335	1,337	1,324	1,274	1,274	1,434
Toa Payoh Hospital	388	410	410	412	412	412	418	410	410	410	410
Specialised Hospitals											
Kandang Kerbau Hospital ²	560	751	727	687	687	687	687	687	681	681	681
St Andrew's Hospital	120	120	120	120	120	80	80	80	80	80	80
Middle Road Hospital	44	44	44	44	44	44	44	44	44	44	44
Middleton Hospital ³	272	228	228	228	228	228	228	228	228	228	-
Woodbridge Hospital ⁴	3,193	3,193	3,193	3,193	3,193	2,876	2,901	2,914	2,914	2,714	2,714
View Road Hospital	-	250	250	250	250	250	250	250	250	250	250

1 Closed with effect from 31 March 1983.

2 Figures for 1975 exclude neonatal beds.

3 Renamed Communicable Disease Centre and came under the administration of Tan Tock Seng Hospital in January 1985.

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

Source : Ministry of Health

16.4 PRIVATE HOSPITAL BEDS

Number

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	1,100	1,100	1,097	1,090	1,261	1,501	1,534	1,576	1,585	1,583	1,819
Gleneagles Hospital	76	76	76	76	122	122	121	122	127	127	127
Jurong Hospital	62	62	62	62	62	62	40	40	40	40	40
Mt Alvernia Hospital	272	272	272	292	325	317	312	304	304	304	304
The American Hospital of Singapore ¹	45	45	45	45	45	21	21	89	89	96	117
Youngberg Hospital	82	82	79	79	79	74	68	70	70	67	55
St Andrew's Mission Hospital ²	80	80	80	50	50	50	50	50	-	-	-
Singapore Nursing Home	20	20	20	19	20	30	30	45	45	45	45
Kwong Wai Shiu Hospital	425	425	425	425	425	425	425	425	425	425	425
Shenton Nursing Home	-	-	-	-	13	15	15	15	18	18	18
Thomson Medical Centre	-	-	-	-	76	77	96	96	96	96	96
Mt Elizabeth Hospital	-	-	-	-	-	264	322	282	337	345	290
Eye Clinic	22	22	22	22	22	22	12	20	20	20	20
Gental Nursing & Health Centre ³	16	16	16	20	22	22	22	18	14	-	-
National University Hospital ⁴	-	-	-	-	-	-	-	-	-	-	282

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.

4 Started functioning from 24 June 1985.

Source : Ministry of Health

16.5 ADMISSIONS IN GOVERNMENT HOSPITALS

Number

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	164,205	184,146	190,332	209,130	234,328	234,502	230,330	233,683	226,991	230,138	229,995
Alexandra Hospital	20,159	23,983	24,095	28,339	33,089	34,841	33,056	32,459	31,553	33,898	33,255
Changi Hospital	71	597	1,853	2,520	3,157	4,113	5,289	3,888	4,343	3,466	3,755
Sembawang Hospital ¹	1,115	1,090	874	745	994	1,076	1,078	1,058	119	-	-
Singapore General Hospital	53,956	53,515	54,444	53,036	60,208	58,637	54,655	60,552	60,685	62,310	64,982
Tan Tock Seng Hospital	13,019	15,014	19,490	28,590	37,789	37,680	35,961	36,671	39,915	38,459	42,987
Toa Payoh Hospital	21,819	25,193	25,245	26,740	30,414	31,937	31,852	29,280	29,410	29,925	29,477
Kandang Kerbau Hospital	40,028	54,052	49,879	53,451	55,236	53,437	53,904	54,280	48,072	48,436	48,442
St Andrew's Hospital	226	251	219	265	180	192	152	104	122	174	124
Middle Road Hospital	627	663	622	669	618	682	846	925	820	887	738
Middleton Hospital ²	9,974	5,928	8,997	9,965	7,347	6,066	7,811	9,215	6,562	6,587	-
Woodbridge Hospital ³	3,124	3,706	4,542	4,757	5,243	5,738	5,598	5,177	5,335	5,828	6,056
View Road Hospital	87	154	72	53	53	103	128	74	55	168	179

1 Closed with effect from 31 March 1983.

Source : Ministry of Health

2 Renamed Communicable Disease Centre and came under the administration of Tan Tock Seng Hospital in January 1985.

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

16.6 VISITS TO OUTPATIENT DISPENSARIES

Number

Year	Total	Outpatient Dispensaries	Sunday/Holiday Clinics	Island Dispensaries	Mobile Dispensaries ¹	Institutional Dispensaries
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
1985	2,346,344	2,304,773	15,751	226	-	25,594

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
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
1985	1,164,031	750,157	149,332	264,542

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
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
1985	54,299	-	84,941	164,226	30,191

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
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	2,143	601	17
1985	27	126	-	148	58	166	-	1,928*	610	5

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

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BCG Vaccination	36.1	38.2	34.2	34.6	35.3	35.0	35.2	34.1	31.4	30.6	30.8
Smallpox Vaccination	35.1	36.3	33.0	31.6	32.4	31.5	10.6	0.7	-	-	-
Diphtheria Immunization											
Diphtheria Tetanus											
1st Dose	4.0	3.0	2.2	2.0	1.8	1.7	1.4	1.5	1.3	0.9	0.9
2nd Dose	4.0	3.0	2.1	2.1	1.8	1.9	1.6	1.8	1.6	1.5	1.6
3rd Dose ¹	-	-	-	-	-	-	-	-	-	0.7	1.8
Boosters	47.4	20.4	14.5	14.2	11.9	10.8	10.0	9.5	9.7	9.7	8.9
Triple Antigen											
1st Dose	32.5	33.2	32.8	30.0	31.1	29.8	31.6	30.1	28.9	26.1	27.3
2nd Dose	31.7	31.4	31.7	28.4	29.5	28.3	30.0	28.3	27.6	25.1	25.8
3rd Dose	31.3	30.2	31.3	27.8	28.5	27.6	29.0	27.3	26.6	24.5	24.9
Boosters	8.8	20.9	19.8	21.4	20.2	20.2	19.6	20.2	20.1	19.5	18.7
Poliomyelitis Immunization											
1st Dose	35.8	35.6	34.5	31.6	32.5	31.2	32.8	31.0	29.9	27.0	28.0
2nd Dose	36.1	34.2	33.8	30.5	31.3	30.1	31.7	29.9	29.3	26.5	27.4
3rd Dose	35.8	33.6	34.0	30.2	30.8	30.0	31.3	29.9	29.5	26.6	27.2
Boosters	63.9	67.3	59.4	62.7	58.4	55.7	54.4	34.8	29.7	29.1	27.5
Measles	-	3.4	10.3	9.2	10.0	18.0	22.2	30.0	33.1	30.4	30.8

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

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BCG Vaccination	31.4	31.1	26.0	30.6	29.4	27.4	28.8	44.5	35.2	35.4	32.9
Smallpox Revaccination	41.8	37.4	43.5	40.0	43.5	42.9	11.4	-	-	-	-
Diphtheria Tetanus											
1st Dose	1.0	0.6	0.9	0.4	0.4	0.5	0.4	0.2	0.2	0.2	0.1
2nd Dose	0.9	0.5	0.8	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1
Boosters	19.6	119.3	99.6	118.0	120.4	111.8	109.7	97.4	84.2	80.8	81.5
Poliomyelitis Immunization											
1st Dose	29.0	1.1	1.2	0.5	0.5	0.5	0.4	0.2	0.2	0.2	0.1
2nd Dose	33.2	1.1	1.3	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.1
3rd Dose	-	0.5	1.4	0.7	0.6	0.6	0.5	0.3	0.3	0.3	0.2
Boosters	-	125.8	98.7	102.6	104.5	97.7	101.7	90.6	83.5	74.9	79.9
Rubella	-	9.8	20.1	20.9	36.3	26.9	17.7	51.2	44.6	44.9	44.5

Source : Ministry of Health

16.12 STUDENT MEDICAL CHECK-UP

Thousand

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
TOTAL	184.6	220.3	205.4	214.2	214.7	218.5	225.3	204.0	185.0	174.3	196.7
By Category :											
New Entrants	41.3	41.6	43.6	44.4	46.5	45.8	41.9	39.4	42.7	38.4	39.1
Primary School Leavers	49.8	51.8	39.2	44.0	42.9	40.3	37.2	55.7	48.3	48.8	47.2
Secondary School Leavers	17.0	36.9	17.1	18.0	17.8	15.2	15.0	15.6	17.2	21.4	37.4
Re-examination	73.5	85.5	103.0	106.9	106.3	115.1	130.2	92.6	74.5	64.0	71.7
Others	3.0	4.5	2.5	0.9	1.2	2.0	1.0	0.7	2.3	1.7	1.3
By Sex :											
Males	84.6	109.8	96.3	100.3	98.8	101.9	106.1	95.9	86.3	79.0	100.4
Females	100.0	110.5	109.1	113.9	115.9	116.6	119.2	108.1	98.7	95.3	96.2

Source : Ministry of Health

16.13 COMMON DEFECTS AMONG STUDENTS

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Per 10,000 Males Examined											
Incidence of :											
Defective Vision	3,295	2,722	2,382	2,476	2,885	2,939	3,114	3,161	2,690	2,786	3,490
Obesity — Primary School Entrants	..	..	..	..	..	441	255	250	380	622	777
— Primary School Leavers	..	..	..	..	..	762	1,040	1,064	1,204	1,123	1,144
Skin Infection	218	332	81	129	253	282	275	284	292	259	111
Scoliosis	..	..	..	..	..	33	61	78	127	331	587
Heart Disease	86	92	141	206	202	191	240	165	162	110	160
Defective Hearing	4	1	2	9	7	12	22	37	23	32	30
Genito-urinary Malformation	572	280	442	717	606	786	741	530	508	497	532
Per 10,000 Females Examined											
Incidence of :											
Defective Vision	4,064	3,257	3,439	3,433	3,851	3,779	4,158	3,558	3,747	3,773	4,409
Obesity — Primary School Entrants	..	..	..	..	..	386	195	181	239	555	650
— Primary School Leavers	..	..	..	..	..	572	799	944	952	757	716
— Secondary School Leavers	..	..	..	..	..	556	864	916	1,442	1,019	971
Skin Infection	313	279	231	237	358	295	341	401	440	353	187
Scoliosis	..	..	..	..	..	67	177	278	529	622	937
Heart Disease	50	90	86	206	198	231	190	185	363	121	187
Defective Hearing	3	2	1	8	8	12	13	22	17	21	27
Genito-urinary Malformation	31	14	18	22	4	5	3	12	9	11	8

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			
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
1985	195,263	4,102	8,124	460	99,546	69,537	13,494	5,490	5,233	257

¹ Figures exclude hysterectomy.

Source : Ministry of Health

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							
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
1985	39,772	59,308	52,411	21,937	8,645	5,560	4,529	4,386	536	6,818

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

Source : Ministry of Health

17 CULTURE AND RECREATION

Radio and Television

The Singapore Broadcasting Corporation (SBC) was established on 1 February 1980. It took over the functions of the Department of Broadcasting and the Radio and Television Licensing Section of the Inland Revenue Department.

Radio and TV programmes of SBC are produced and broadcast in the four official languages — Malay, Chinese, Tamil and English. The Corporation maintains a balance between information and entertainment programmes and also caters for people of different age groups.

SBC operates five radio services — one for each official language and the fifth, a bilingual English/Mandarin serious music programme service, broadcast in FM stereo only. The four language services operate simultaneously on FM stereo, medium-wave and short-wave frequencies.

Television was introduced in Singapore on 15 February 1963. The Corporation now operates three channels for the telecast of its programmes in the four

official languages. Every programme transmitted is usually subtitled in one other language to attract a greater number of viewers. SBCText, a teletext service, was inaugurated on 1 August 1983 and transmissions can be received on two of the channels from 6am to 12 midnight.

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 is \$7.50 per set for subscriber with Radio or Radio and Television Licences and \$9.00 per set for those without such licences.

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.

In addition to the Central Library at Stamford Road, there are full-time branch libraries in Marine Parade, Queenstown, Toa Payoh, Ang Mo Kio, Bedok and Bukit Merah; part-time branch libraries in Whampoa and Jurong; and two mobile library vehicles providing weekly services to 8 community centres as at December 1985.

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, compact discs, 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 besides a basic collection on general subjects.

Computerization of the catalogues in the National Library started in 1983. Plans for the installation of a computerised on-line turnkey library system have been finalised. The National Library will also serve as a central agency for the Singapore Integrated Library Automation Service (SILAS).

17.1 RADIO AND TELEVISION LICENCES AND REDIFFUSION SUBSCRIBERS

Number

End of Year	Radio Licences	Radio & Television Licences	Rediffusion Subscribers
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
1985	108,735	481,908	73,195

Source : 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		
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
1985	649	135	148	112	127	127	149.2

Source : Singapore Broadcasting Corporation

17.3 CINEMAS

Year	Cinemas			Total Seating Capacity ¹	Attendances
	Total	Air Conditioned	Others		
	Number			Thousand	
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
1985	47	47	-	54	22,702

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 NATIONAL LIBRARY MEMBERSHIP

Number

Year	Total	Persons Aged 15 Years & Over	Children Under 15 Years
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
1985	833,907	594,977	238,930

Source : Singapore National Library

17.5 BOOKS AT THE NATIONAL LIBRARY

Number

Year	Total	Malay	Chinese	Tamil	English
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
1985	2,322,242	282,015	661,109	88,594	1,290,524

Source : Singapore National Library

17.6 LOANS OF BOOKS AT THE NATIONAL LIBRARY

Number

Year	Total	Adults and Young People	Children
1975	2,569,712	1,256,470	1,313,242
1976	2,639,204	1,278,454	1,360,750
1977	2,732,081	1,298,512	1,433,569
1978	2,921,554	1,398,529	1,523,025
1979	3,264,697	1,557,373	1,707,324
1980	3,407,416	1,780,716	1,626,700
1981	3,603,750	1,942,081	1,661,669
1982	4,679,017	2,638,849	2,040,168
1983	6,227,930	3,453,528	2,774,402
1984	6,093,392	3,472,286	2,621,106
1985	7,025,899	3,886,211	3,139,688

Source : Singapore National Library

17.7 DAILY NEWSPAPERS CIRCULATION

Number

Year	Total	English	Chinese	Malay	Others
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	657,340	289,537	326,583	34,025	7,195
1983	694,711	301,205	351,392	35,267	6,847
1984	709,383	307,376	357,778	37,444	6,785
1985	713,866	308,221	359,303	39,915	6,427

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PRINTED BY PHOTOPLATE PIONEER LIMITED