

TABLES

Table 1 . STATES AND DISTRICTS IN PENINSULAR MALAYSIA

State	District
Perlis	Perlis
Kedah	Langkawi, Kulang Pasu, Padang Terap, Kota Setar, Pendang, Yan, Sik, Kuala Muda, Baling, Kulim, Bandar Bahru
Pulau Pinang	Utara, Tengah, Selatan, Timur Laut, Barat Daya
Perak	Hulu Perak, Kerian, Larut & Matang, Kuala Kangsar, Kinta, Perak Tengah, Dinding, Perak Hilir, Batang Padang
Selangor	Sabak Bernam, Kuala Selangor, Ulu Selangor, Gombak, Kelang, Petaling, Ulu Langat, Kuala Langat, Sepang, (Federal Territory)
Negeri Sembilan	Port Dickson, Seremban, Jelebu, Kuala Pilah, Pembau, Tampin, Jempol
Melaka	Utara, Melaka Tengah, Selatan
Johor	Segamat, Muar, Batu Pahat, Pontian, Johor Bahru, Kota Tinggi, Keluang, Mersing
Pahang	Rompin, Pekan, Temerloh, Bentong, Kuantan, Jerantut, Raub, Lipis, Cameron Highlands
Trengganu	Kemaman, Dungun, Marang, Ulu Trengganu, Kuala Trengganu, Besut
Kelantan	Ulu Kelantan, Pasir Puteh, Machang, Tanah Merah, Bachok, Kota Bharu, Pasir Mas, Tumpat, Kuala Krai

Remarks; Based on the district boundary as of 1981, for each State.

Table 2 DIVISIONS AND DISTRICTS OF SABAH

Division	District
West Coast	Kota Kinabalu, Kota Belud, Penampang, Papar, Ranau, Tuaran
Kudat	Kudat, Kota Marudu, Pitas
Interior	Keningau, Nabawan/Pensiangan, Tambunan, Beaufort, Tenom, Sipitang, Kuala Penyu, Labuan
Sandakan	Sandakan, Kinabatangan, Labuk & Sugut
Tawau	Tawau, Lahad Datu, Semporna

Remarks; Based on the administrative division as of 1981

Table 3 DIVISIONS AND DISTRICTS OF SARAWAK

Division	District
First	Kuching, Bau, Serian, Simunjan, Lundu
Second	Simanggan, Lubok Antu, Saribas, Kalaka
Third	Sibu, Mukah, Kanowit, Oya/Dalat
Fourth	Miri, Bintulu, Baram
Fifth	Limbang, Lawas
Sixth	Sarikei, Binatang, Matu/Daro, Julau
Seventh	Kapit, Song, Belaga

Remarks; Based on the administrative division as of 1981

Table 4 POPULATION AND ITS GROWTH FROM 1970 TO 1980

Unit: 10³

Region	1970	1980	Average Annual Growth Rate (%)
Peninsular Malaysia	9,147.0	11,849.0	2.62
Sabah	653.6	1,097.8	5.32
Sarawak	976.3	1,314.4	3.02
Whole Malaysia	10,776.9	14,261.2	2.84

Source; Ref. 5

Table 5 POPULATION DENSITY IN 1970 AND 1980

Unit: persons/km²

Region	1970	1980
Peninsular Malaysia	69.5	90.0
Sabah	8.8	14.8
Sarawak	7.8	10.6
Whole Malaysia	32.6	43.2

Source; Refs. 5 and 54

Table 6 POPULATION DISTRIBUTION BETWEEN URBAN AND RURAL BY ETHNIC GROUP IN PENINSULAR MALAYSIA IN 1970 AND 1980

Unit: 10³

Ethnic Group	1970		1980		Average Annual Growth Rate of Urban Population (%)
	Urban	Rural	Urban	Rural	
Malay	713	4,109	1,359	5,025	6.66
Chinese	1,557	1,717	2,234	1,902	3.68
Indian	338	640	508	731	4.16
Others	30	43	47	43	4.59
Total	2,638	6,509	4,148	7,701	4.63

Source; Ref. 5

Table 7 GDP AND PER CAPITA GDP IN 1980

Region	GDP or GRP		Per Capita GDP or Per Capita GRP	
	Amount/ ¹ (M\$10 ⁶)	Growth/ ² Rate (%)	Amount/ ¹ (M\$)	Growth/ ² Rate (%)
Peninsular Malaysia	21,706	8.0	1,832	5.2
Sabah	1,944	9.7	1,771	4.2
Sarawak	1,726	7.7	1,313	4.6
Whole Malaysia	25,376	8.1	1,779	5.1

Remarks; ¹: At factor cost in 1970 prices
²: During 1971 to 1980

Source; Ref. 5

Table 8 GDP BY SECTOR IN 1980

Unit: M\$10⁶

Sector	Peninsular Malaysia	Sabah	Sarawak	Malaysia
Agriculture, forestry and fishing	4,485 (20.7)	861 (44.3)	463 (26.8)	5,809 (22.9)
Mining and quarrying	653 (3.0)	264/ ¹ (13.6)	297/ ¹ (17.2)	1,214 (4.8)
Manufacturing	5,159 (23.8)	45 (2.3)	170 (9.8)	5,374 (21.2)
Construction	961 (4.4)	103 (5.3)	122 (7.1)	1,186 (4.7)
Services	10,448 (48.1)	671 (34.5)	674 (39.0)	11,793 (46.5)
Total	21,706 (100.0)	1,944 (100.0)	1,726 (100.0)	25,376 (100.0)

Remarks; ¹: Includes petroleum

Source; Ref. 5

Table 9 TRADE BALANCE OF THE WHOLE MALAYSIA
FROM 1970 TO 1980

Unit: M\$10⁶

Year	Export	Import	Balance of Trade
1970	5,163	4 288	+875
1973	7,372	5,934	+1,338
1974	10,022	9,350	+672
1975	9,057	8,333	+724
1976	13,330	9,568	+3,762
1977	14,861	10,990	+3,871
1978	16,925	10,338	+3,587
1979	23,977	17,306	+6,671
1980	28,073	23,430	+4,643

Remarks; Merchandise trade f.o.b.

Source; Refs. 52 and 54

Table 10 MAJOR EXPORT AND IMPORT COMMODITIES IN 1980

Unit: M\$10⁶

Commodity	Amount
<u>Export (F.O.B.)</u>	
Rubber	4,617
Petroleum Crude	6,709
Tin	2,505
Palm Oil (Crude or Processed)	2,515
Sawlogs	2,621
Manufactures	6,169
<u>Import (C.I.F.)</u>	
Food, Beverages and Tobacco	2,671
Manufactures	4,913
Petroleum Crude	1,879
Machinery and Transport Equipment	9,081

Source; Ref. 54

Table 11 LABOUR FORCE IN THE WHOLE MALAYSIA

Item	Unit: 10 ³ persons		
	1970	1975	1980
Population (P)	10,777	12,450	14,261
Labour Force (L)	3,682	4,539	5,380
Growth Rate of L*(%)	-	4.3	3.5
L/P (%)	34.2	36.5	37.7

Remarks; *: Average annual growth for 5 years

Source; Ref. 5

Table 12 LABOUR FORCE IN PENINSULAR MALAYSIA

Item	Unit: 10 ³ persons		
	1970	1975	1980
Population (P)	9,137	10,343	11,849
Labour Force (L)	3,098	3,823	4,512
Growth Rate of L*(%)	-	4.3	3.4
L/P (%)	33.9	37.0	38.1

Remarks; *: Average annual growth for 5 years

Source; Ref. 5

Table 13 LABOUR FORCE IN SABAH AND SARAWAK

Item	Unit: 10 ³ persons		
	1970	1975	1980
Population (P)	1,630	2,016	2,412
Labour Force (L)	584	716	868
Growth Rate of L*(%)	-	4.2	3.9
L/P (%)	35.8	35.5	36.0

Remarks; *: Average annual growth for 5 years

Source; Ref. 5

Table 14 EMPLOYMENT IN THE WHOLE MALAYSIA

Unit: 10³ persons

Item	1970	1975	1980
Labour Force (L)	3,682	4,539	5,380
Employment (E)	3,396	4,247	5,094
Growth Rate of E*(%)	-	4.6	3.7
Unemployment Rate (%)	7.8	6.4	5.3

Remarks; *: Average annual growth for 5 years

Source; Ref. 5

Table 15 EMPLOYMENT IN PENINSULAR MALAYSIA

Unit: 10³ persons

Item	1970	1975	1980
Labour Force (L)	3,098	3,823	4,512
Employment (E)	2,850	3,567	4,264
Growth Rate of E*(%)	-	4.6	3.6
Unemployment Rate (%)	8.0	6.7	5.5

Remarks; *: Average annual growth for 5 years

Source; Ref. 5

Table 16 EMPLOYMENT IN SABAH AND SARAWAK

Unit: 10³ persons

Item	1970	1975	1980
Labour Force (L)	584	716	868
Employment (E)	546	680	830
Growth Rate of E*(%)	-	4.5	4.1
Unemployment Rate (%)	6.5	5.0	4.4

Remarks; *: Average annual growth for 5 years

Source; Ref. 5

Table 17 EMPLOYMENT BY SECTOR IN THE WHOLE MALAYSIA

Unit: 10³ persons

Sector	1970	1975	1980
Agriculture, forestry and fishery	1,714	1,923	2,067
Mining and quarrying	89	88	90
Manufacturing	386	572	803
Construction	137	188	263
Services and others	1,070	1,476	1,871
Total	3,396	4,247	5,094

Source; Ref. 5

Table 18 EMPLOYMENT BY SECTOR IN PENINSULAR MALAYSIA

Unit: 10³ persons

Sector	1970	1975	1980
Agriculture, forestry and fishery	1,335	1,476	1,539
Mining and quarrying	86	85	86
Manufacturing	360	541	763
Construction	124	162	227
Services and others	945	1,303	1,649
Total	2,850	3,567	4,264

Source; Ref. 5

Table 19 EMPLOYMENT BY SECTOR IN SABAH AND SARAWAK

Unit: 10³ persons

Sector	1970	1975	1980
Agriculture, forestry and fishery	379	447	528
Mining and quarrying	3	3	4
Manufacturing	26	31	40
Construction	13	26	36
Services and others	125	173	222
Total	546	680	830

Source; Ref. 5

Table 20 CONSUMER PRICE INDEX

Year	Peninsular Malaysia		Sabah		Sarawak	
	Index	Rate	Index	Rate	Index	Rate
1970	101.3	1.9	103.9	0.7	99.3	0.9
1975	144.0	4.5	141.5	6.6	133.1	5.5
1976	147.7	2.6	144.5	2.1	138.7	4.2
1977	154.8	4.7	149.6	3.5	146.6	5.7
1978	162.4	4.9	153.0	2.3	149.7	2.1
1979	168.3	3.6	158.2	3.4	155.5	3.9
1980	179.5	6.7	169.0	6.8	167.4	7.7
1981	196.8	9.6	188.4	11.5	186.5	11.4

Remarks; Index: 1967 = 100
Rate : Average annual growth rate (%)

Source; Ref. 54

Table 21 COMPARISON OF POPULATION OF STATES IN MALAYSIA
ACCORDING TO POPULATION CENSUS AND EPU FIGURES

Unit: 10³ persons

State	1970		1980	
	Census (DOS)	EPU (4MP)	Census (DOS)	EPU (4MP)
Johor	1,277.2	1,326	1,601.5	1,703.7
Kedah/Perlis	1,076.0	1,117	1,249.9	1,329.7
Kelantan	684.7	712	877.6	933.6
Melaka	404.1	419	453.2	482.1
Negeri Sembilan	481.6	500	564.0	599.9
Pahang	504.9	525	770.6	819.8
Perak	1,569.1	1,629	1,762.3	1,874.7
Pulau Pinang	776.1	805	911.6	969.8
Selangor	1,630.4	1,693	2,405.3	2,558.8
Trengganu	405.4	421	542.3	576.9
Peninsular	8,809.6	9,147	11,138.2	11,849.0
Sabah	653.6	653.6	1,002.6	1,097.8
Sarawak	976.3	976.3	1,294.8	1,314.4
Malaysia	10,439.4	10,776.9	13,534.6	14,261.2

Source; Refs. 5, 6, 20 and 21

Table 22 POPULATION PROJECTION BY STATE
IN MALAYSIA FOR 1985 - 2000

Unit: 10³

State	1980/ ¹	Projected/ ²			2000	Average Annual Growth Rate (%) 1980-2000
		1985	1990	1995		
Johor	1,703.7	1,911.3	2,113.3	2,291.6	2,486.9	1.91
Kedah/ Perlis	1,329.7	1,433.6	1,519.1	1,582.2	1,638.1	1.05
Kelantan	933.6	1,052.7	1,170.1	1,275.0	1,391.0	2.01
Melaka	482.1	508.5	526.1	535.2	538.4	0.55
Negeri Sembilan	599.9	647.3	689.1	722.6	755.7	1.16
Pahang	819.8	1,003.6	1,201.9	1,392.4	1,617.3	3.46
Perak	1,874.7	1,978	2,049.6	2,089.8	2,109.7	0.59
Pulau Pinang	969.8	1,066.1	1,132.9	1,165.5	1,170.9	0.95
Selangor	2,558.3	3,087.2	3,656.2	4,202.1	4,846.0	3.24
Trengganu	576.9	668.7	761.7	846.7	942.9	2.49
Peninsular	11,849.0	13,357.0	14,820.0	16,103.0	17,497.0	1.97
Sabah	1,097.8	1,285.1	1,513.4	1,773.0	2,078.0	3.24
Sarawak	1,314.4	1,537.4	1,809.6	2,119.0	2,482.0	3.23
Malaysia	14,261.0	16,180.0	18,143.0	19,995.0	22,057.0	2.20

Remarks; ¹: EPU figures in 4MP

²: Projected by the Study

Table 23 POPULATION BY TOWN IN JOHOR, 1970 AND 1980

District	Town	Population Census		Adjusted to 4MP	
		1970	1980	1970	1980
Johor Bahru	1. M/P Johor Bahru	136,229	249,880	141,406	265,872
Batu Pahat	2. M/B Batu Pahat (Bandar Penggaram)	53,291	66,022	55,316	70,247
Muar	3. M/B Muar (Bandar Maharani)	61,218	65,775	63,544	69,985
Keluang	4. M/B Keluang	43,272	51,778	44,916	55,092
Segamat	5. Bandar Segamat	17,796	34,493	18,472	36,701
Johor Bahru	6. M/T Kulai	11,841	24,498	12,291	29,066
Pontian	7. M/T Pontian Kechil	8,349	21,042	8,666	22,389
Mersing	8. M/B Mersing	7,443	13,899	7,726	14,789
Kota Tinggi	9. L/B Kota Tinggi	8,725	13,672	9,057	14,547
Muar	10. M/T Tangkak	12,328	13,471	12,797	14,333
Segamat	11. M/T Labis	9,419	10,915	9,777	11,614
Batu Pahat	12. M/T Yong Peng	8,874	9,927	9,211	10,562
Pontian	13. M/T Pekan Nanas	9,003	9,485	9,345	10,092
Segamat	14. M/T Jementah	5,843	7,208	6,065	7,669
Johor Bahru	15. M/T Ulu Tiram	3,988	6,993	4,140	7,441
Segamat	16. M/T Chaah	5,889	6,648	6,113	7,073
Johor Bahru	17. M/T Senai	4,623	6,644	4,799	7,069
Johor Bahru	18. M/T Kelapa Sawit	4,695	6,146	4,837	6,539
Johor Bahru	19. M/T Masai	2,244	5,856	2,329	6,231
Muar	20. M/T Bukit Bakri	4,680	5,220	4,858	5,554
Keluang	21. M/T Simpang Rengam	3,848	5,118	3,994	5,446
Johor Bahru	22. M/T Sekudai	3,597	4,598	3,734	4,892
Muar	23. M/T Bukit Gambir	3,940	4,469	4,090	4,755
Keluang	24. M/T Paloh	4,034	4,342	4,187	4,620
Keluang	25. M/T Kg. Paya	3,665	4,329	3,804	4,606
Keluang	26. M/T Rengam	3,080	4,266	3,197	4,539
Mersing	27. M/T Endau	3,234	4,161	3,357	4,427
Segamat	28. M/T Bekok	3,809	4,073	3,954	4,334
Keluang	29. M/T Layang-layang	2,632	3,906	2,732	4,156
Keluang	30. M/T Kangkar Kahang	3,477	3,770	3,609	4,011
Muar	31. M/T Bukit Pasir	3,536	3,702	3,670	3,939
Batu Pahat	32. M/T Air Hitam	2,189	3,563	2,272	3,791
Segamat	33. M/T Buloh Kasap	3,085	3,114	3,202	3,313
City/Town Total		463,876	682,983	481,503	726,694
Rural Total				844,592	977,012
State Total				1,326,095	1,703,706

Remarks; M/P: Municipality
M/B: Town Council
M/T: Local Council
L/B: Town Board
Adjusted to 4MP: Population by Census was adjusted to 4MP figures.

Source; Refs. 5, 19 and 21

Table 24 POPULATION BY TOWN IN KEDAH/PERLIS,
1970 AND 1980

State/District	Town	Population Census		Adjusted to 4MP	
		1970	1980	1970	1980
Perlis	1. M/B Kangar	8,758	12,956	9,091	13,785
	2. Kawasan M/B Kangar (Arau/Kuala Perlis)/1	3,582	3,939	3,718	4,191
Kedah					
Kota Setar	3. M/B Alor Setar	66,260	71,682	68,778	76,270
Kuala Muda	4. M/B Sg. Petani	35,959	45,987	37,325	48,930
Kulim	5. L/B Kulim	18,505	27,067	19,208	28,799
Kubang Pasu	6. L/B Jitra	4,243	13,840	4,404	14,726
Yan	7. M/T Guar Chempedak	6,813	8,562	7,072	9,110
Kuala Muda	8. L/B Gurun	5,018	5,995	5,209	6,379
Yan	9. M/T Yan	3,061	5,479	3,177	5,830
Kuala Muda	10. M/T Bedong	5,218	5,421	5,416	5,768
Baling	11. L/B Baling	4,780	4,998	4,962	5,318
Kulim	12. M/T Padang Serai	3,512	4,502	3,646	4,790
Baling	13. M/T Kuala Ketil	1,980	4,161	2,055	4,427
Kuala Muda	14. L/B Tikam Batu	614	4,066	638	4,326
Bandar Bahru	15. M/T Serdang	4,299	4,060	4,462	4,320
Pendang	16. L/B Pendang	3,121	3,359	3,240	3,574
Kota Setar	17. M/T Pokok Sena	2,598	3,314	2,697	3,526
Kulim	18. M/T Lunas	3,137	3,223	3,256	3,429
Kuala Muda	19. Kg. Baru Pdg. Lembu	2,353	3,160	2,442	3,362
City/Town Total				190,796	250,860
Rural Total				926,424	1,078,831
State Total				1,117,220	1,329,691

Remarks; M/P: Municipality
M/B: Town Council
M/T: Local Council
L/B: Town Board
Adjusted 4MP: Population by Census was adjusted
to 4MP figures.

Source; Refs. 5, 9, 17 and 20

Table 25 POPULATION BY TOWN IN KELANTAN,
1970 AND 1980

District	Town	Population Census		Adjusted to 4MP	
		1970	1980	1970	1980
Kota Bahru	1. M/P Kota Bahru	55,124	170,559	57,219	181,475
Kota Bahru	2. M/T Pangkal Kalong	14,426	22,622	14,974	24,070
Kota Bahru	3. M/T Peringat	11,806	14,283	12,255	15,197
Pasir Mas	4. L/B Pasir Mas	11,233	13,733	11,660	14,612
Ulu Kelantan	5. L/B Kuala Krai	5,119	12,757	5,314	13,573
Kota Bahru	6. M/T Kodok	9,296	12,020	9,649	12,789
Tanah Merah	7. L/B Tanah Merah	7,012	9,329	7,279	9,926
Ulu Kelantan	8. L/B Gua Musang	2,790	5,497	2,896	5,849
Machang	9. L/B Machang	4,193	5,162	4,352	5,492
Pasir Mas	10. M/T Rantau Panjang	3,296	5,011	3,421	5,332
Pasir Puteh	11. M/B Pasir Puteh	3,093	3,767	3,211	4,008
City/Town Total		127,388	274,740	132,230	292,323
Rural Total				578,733	641,256
State Total				710,963	933,579

Remarks; M/P: Municipality
M/B: Town Council
M/T: Local Council
L/B: Town Board
Adjusted 4MP: Population by Census was adjusted to 4MP figures.

Source; Refs. 5, 16 and 20

Table 26 POPULATION BY TOWN IN MELAKA,
1970 AND 1980

District	Town	Population Census		Adjusted to 4MP	
		1970	1980	1970	1980
Tengah	1. M/P Melaka	87,160	88,073	90,472	93,710
Tengah	2. Bandar Bukit Bahru	14,377	17,559	14,923	18,683
Tengah	3. Pekan Kelebang	6,083	8,157	6,314	8,679
Utara	4. Bandar Pulau Sebang	6,310	5,861	6,550	6,236
City/Town Total		113,930	119,650	118,250	127,308
Rural Total				301,344	354,764
State Total				419,603	482,072

Remarks; M/P: Municipality
M/B: Town Council
M/T: Local Council
L/B: Town Board
Adjusted 4MP: Population by Census was adjusted to 4MP figures.

Source; Refs. 5, 11 and 20

Table 27 POPULATION BY TOWN IN NEGERI
SEMBILAN, 1970 AND 1980

District	Town	Population Census		Adjusted to 4MP	
		1970	1980	1970	1980
Seremban	1. M/P Seremban	80,921	136,252	83,996	144,972
Port Dickson	2. L/B Port Dickson	10,300	24,035	10,691	25,573
Kuala Pilah	3. M/B Kuala Pilah	12,508	12,556	12,983	13,360
Kuala Pilah	4. M/B Bahau	9,113	10,520	9,459	11,193
Tampin	5. L/B Tampin	8,132	9,438	8,441	10,042
Seremban	6. M/T Mantin	6,192	6,689	6,427	7,117
Jejebu	7. M/T Titi	4,679	4,388	4,857	4,669
Tampin	8. L/B Gemas	5,214	4,350	5,412	4,628
City/Town Total		137,059	208,228	142,266	221,554
Rural Total				357,740	378,390
State Total				500,006	599,944

Remarks; M/P: Municipality, M/B: Town Council
M/T: Local Council, L/B: Town Board
Adjusted 4MP: Population by Census was adjusted
to 4MP figures.

Source; Refs. 5, 12 and 20

Table 28 POPULATION BY TOWN IN PAHANG,
1970 AND 1980

District	Town	Population Census		Adjusted to 4MP	
		1970	1980	1970	1980
Kuantan	1. M/P Kuantan	43,358	136,625	45,006	145,369
Bentong	2. M/B Bentong	22,683	23,507	23,545	25,011
Raub	3. M/B Raub	18,433	23,184	19,133	24,688
Temerloh	4. M/B Mentakab	11,308	13,851	11,738	14,737
Lipis	5. M/B Kuala Lipis	9,270	10,263	9,622	10,920
Temerloh	6. M/B Temerloh	6,070	8,649	6,301	9,203
Temerloh	7. M/T Teriang	5,620	8,065	5,834	8,581
Jerantut	8. L/B Jerantut	4,449	6,878	4,618	7,318
Cameron	9. L/B Tanah Rata	4,677	5,546	4,855	5,901
Pekan	10. L/B Pekan	4,682	5,170	4,860	5,501
Raub	11. M/T Sg. Ruan	4,429	5,022	4,597	5,343
Bentong	12. M/T Karak	4,154	4,635	4,312	4,932
City/Town Total		139,133	251,395	144,421	267,484
Rural Total				379,863	552,340
State Total				524,284	819,824

Remarks; M/P: Municipality, M/B: Town Council
M/T: Local Council, L/B: Town Board
Adjusted 4MP: Population by Census was adjusted
to 4MP figures.

Source; Refs. 5, 14 and 20

Table 29 POPULATION BY TOWN IN PERAK,
1970 AND 1980

District	Town	Population Census		Adjusted to 4MP	
		1970	1980	1970	1980
Kinta	1. M/P Ipoh	247,969	300,727	257,392	319,974
Larut & Matang	2. M/P Taiping (include Pokok Assam)	65,338	149,254	56,722	158,806
Hilir Perak	3. Bandar Telok Anson	44,524	49,711	46,216	52,893
Kinta	4. LPKT Kampar	26,591	24,978	27,602	26,577
Kuala Kangsar	5. M/T Sungai Siput Utara	21,383	23,916	22,196	25,442
Kuala Kangsar	6. M/B Kuala Kangsar	15,310	14,650	15,892	15,588
Kinta	7. L/B Batu Gajah	10,692	10,781	11,098	11,471
Kinta	8. Kg. Baru Mambang diawan	8,966	9,772	9,307	10,397
Batang Padang	9. M/B Tapah	9,193	9,546	9,542	10,157
Batang Padang	10. LPKT Bidor	9,934	9,481	10,312	10,088
Kerian	11. L/B Bagan Serai	8,432	9,402	8,752	10,004
Kinta	12. M/T Pusing dan Gunung Hijau	9,097	8,959	9,443	9,532
Kerian	13. L/B Kuala Kurau	8,666	8,599	8,995	9,149
Dinding	14. M/T Ayer Tawar	8,107	8,327	8,415	8,860
Dinding	15. M/T Kg. Koh	8,091	8,232	8,399	8,759
Kinta	16. M/T Jelapang	7,054	8,204	7,322	8,729
Kerian	17. L/B Parit Buntar	5,790	6,793	6,010	7,228
Kinta	18. LPKT Malim Nawar	7,093	6,433	7,363	6,845
Batang Padang	19. L/B Tg. Malim	7,345	6,427	7,624	6,838
Kinta	20. LPKT Lawan Kuda Bahru	5,121	6,271	5,316	6,672
Kinta	21. M/T Tg. Rambutan	5,289	5,550	5,490	5,905
Kerian	22. L/B Tg. Piandang	6,508	4,945	6,755	5,261
Kinta	23. K/B Kanthan Bahru	4,179	4,777	4,338	5,083
Ulu Perak	24. LPKT Grik	4,860	4,717	5,045	5,019
Dinding	25. L/B Pantai Remis	5,150	4,703	5,346	5,004
Batang Padang	26. LPKT Slim River	4,729	4,675	4,909	4,974
Kinta	27. L/B Copeng	4,627	4,668	4,803	4,967
Dinding	28. M/T Pekan Gurney	4,698	4,557	4,877	4,849
Ulu Perak	29. L/B Keroh	3,203	4,484	3,325	4,771
Kinta	30. K/B Kopisan Baru	3,356	4,395	3,484	4,676
Kuala Kangsar	31. K/B Simpang Jalong	3,852	4,383	3,998	4,664
Hilir Perak	32. LPKT Langkap	4,309	4,104	4,473	4,367
Kinta	33. L/B Chemor	3,761	4,070	3,904	4,330
Kinta	34. M/T Simpang Pulai	3,507	3,902	3,640	4,152
Dinding	35. M/T Bruas	4,314	3,876	4,478	4,124
Hilir Perak	36. LPKT Chui Chak	3,410	3,751	3,540	3,991
Kinta	37. K/B Kuala Kuang	3,063	3,694	3,179	3,930
Ulu Perak	38. LPKT Lenggong	4,527	3,655	4,699	3,889
Hilir Perak	39. L/B Bagan Datok	3,294	3,623	3,419	3,855
Kinta	40. K/B Bemban, Bt. Cajah	2,863	3,413	2,972	3,631
Dinding	41. M/T Kg. China	3,021	3,303	3,136	3,514
Batang Padang	42. LPKT Chenderiang	3,625	3,256	3,763	3,464
Kinta	43. LPKT Jeram	2,589	3,179	2,687	3,382
Kuala Kangsar	44. M/T Parit	4,038	3,094	4,191	3,292
City/Town Total			779,233	644,369	829,103
Rural Total				984,867	1,045,648
State Total				1,629,236	1,874,751

Remarks; M/P: Municipality
M/B: Town Council
M/T: Local Council
L/B: Town Board

Adjusted 4MP: Population by Census was adjusted to 4MP figures.

Source; Refs. 5, 18 and 20

Table 30 POPULATION BY TOWN IN PULAU PINANG,
1970 AND 1980

District	Town	Population Census		Adjusted to 4MP	
		1970	1980	1970	1980
Timur Laut	1. Bandaraya Georgetown	269,247	250,578	279,478	266,615
Utara	2. Bandar Butterworth	61,187	76,651	63,512	81,557
Timur Laut	3. Bandar Air Itam	25,640	36,538	26,614	38,876
Tengah	4. Bandar Bukit Mertajam	26,631	28,408	27,643	30,226
Timur Laut	5. Bandar Tanjung To'kong	12,291	14,425	12,758	15,348
Timur Laut	6. Bandar Gelugor	9,163	13,484	9,511	14,347
Timur Laut	7. Bandar Tanjung Bunga	8,892	10,905	9,230	11,603
Utara	8. Kg. Permatang Kuching	5,954	9,863	6,180	10,494
Tengah	9. Bandar Perai	8,033	9,810	8,338	10,438
Selatan	10. Bandar Nibong Tebal	5,959	5,492	6,185	5,843
Selatan	11. Kg. Baru Val D'or	3,496	4,230	3,629	4,501
Tengah	12. Kg. Baru Berapit	3,577	4,077	3,713	4,338
Timur Laut	13. Bandar Batu Feringgi	2,450	3,640	2,543	3,873
City/Town Total		442,500	468,101	459,334	498,060
Rural Total				346,515	471,700
State Total				805,849	969,760

Remarks; M/P: Municipality
M/B: Town Council
M/T: Local Council
L/B: Town Board
Adjusted 4MP: Population by Census was adjusted to 4MP figures.

Source; Refs. 5, 10 and 20

Table 31 POPULATION BY TOWN IN TRENGGANU,
1970 AND 1980

District	Town	Population Census		Adjusted to 4MP	
		1970	1980	1970	1980
Kuala Trengganu	1. M/P Kuala Trengganu	53,320	186,608	55,346	198,551
Dungun	2. M/B Dungun	17,560	29,569	18,227	31,461
Kemaman	3. Jumaah Bandaran Kemaman (Chukai)	12,514	16,059	12,990	17,087
Besut	4. M/T Besut ^{/1}	5,168	5,808	5,364	6,180
Ulu Trengganu	5. Jumaah Bandaran Ulu Trengganu	2,613	5,057	2,712	5,381
Besut	6. Jumaah Bandaran Jertih	3,538	4,810	3,672	5,118
Marang	7. Jumaah Bandaran Marang	3,334	4,366	3,461	4,645
Dungun	8. M/T Paka	3,129	4,339	3,248	4,617
Besut	9. Jumaah Bandaran Kuala Besut	3,524	4,003	3,658	4,259
Kemaman	10. M/T Kijal	3,717	3,840	3,858	4,086
Besut	11. Jumaah Bandaran Kg. Raja	2,656	3,148	2,757	3,349
City/Town Total			267,607	115,293	284,734
Rural Total				305,600	292,152
State Total				420,893	576,886

Remarks; ^{/1}: Comprise M/T Apal, Jabi, Kampung Buloh and Pasir Akar
M/P: Municipality
M/B: Town Council
M/T: Local Council
L/B: Town Board
Adjusted 4MP: Population by Census was adjusted to 4MP figures.

Source; Refs. 5, 15 and 20

Table 32 POPULATION BY TOWN IN SELANGOR,
1970 AND 1980

District	Town	Population Census		Adjusted to 4MP	
		1970	1980	1970	1980
Petaling	1. M/P Petaling Jaya	93,447	218,314	96,998	232,286
Kelang	2. M/P Kelang	113,607	196,209	117,924	208,766
Ulu Langat	3. L/B Kajang/Sg. Chua	21,950	30,012	22,784	31,933
Petaling	4. M/P Shah Alam	6,451	24,138	6,696	25,683
Petaling	5. M/T Serdang Bahru (Sri Kembangan)	13,910	16,676	14,439	17,743
Ulu Langat	6. M/T Ampang	11,084	12,643	11,505	13,452
Ulu Selangor	7. M/T Kuala Kubu Bahru	8,748	10,473	9,080	11,143
Ulu Langat	8. Pekan Semenyih	7,838	9,385	8,136	9,986
Sabah Bernam	9. Pekan Sabah Bernam	6,730	6,695	6,986	7,123
Kuala Langat	10. L/B Banting	5,021	6,343	5,212	6,749
Kuala Langat	11. M/T Tanjung Sepat	6,732	6,180	6,988	6,576
Petaling	12. M/T Sg. Buloh	3,848	5,711	3,994	6,077
Kuala Langat	13. M/T Jenjarom	7,092	5,385	7,362	5,730
Ulu Selangor	14. M/T Rasa	5,080	5,269	5,273	5,606
Ulu Selangor	15. M/T Ulu Bernam	3,862	5,213	4,009	5,547
Sepang	16. L/B Kg. Bahru Sg. Pelek	4,665	5,206	4,842	5,539
Sabah Bernam	17. M/T Sg. Besar	3,678	4,865	3,818	5,176
Petaling	18. M/T Subang	3,140	4,401	3,259	4,683
Gombak	19. M/B Batu Arang	3,975	3,935	4,126	4,187
Ulu Selangor	20. M/T Kalumpang	3,668	3,641	3,807	3,874
Gombak	21. L/B Rawang	3,608	3,573	3,745	3,802
Ulu Langat	22. M/T Batu 9 Cheras	3,464	3,519	3,596	3,744
Ulu Selangor	23. M/T Serendah	2,741	3,260	2,845	3,469
Kuala Selangor	24. M/T Tg. Karang	2,918	3,236	3,029	3,443
Ulu Langat	25. M/T Batu 11 Cheras	2,600	3,206	2,699	3,411
Wilayah Persekutuan	26. Bandaraya Kuala Lumpur	648,276	937,875	672,910	997,899
City/Town Total				1,036,062	1,633,627
Rural Total				656,745	925,188
State Total				1,692,807	2,558,815

Remarks; M/P: Municipality
M/B: Town Council
M/T: Local Council
L/B: Town Board
Adjusted 4MP: Population by Census was adjusted
to 4MP figures.

Source; Refs. 5, 13 and 20

Table 33 POPULATION BY TOWN IN SABAH,
1970 AND 1980

District	Town	Population Census		Adjusted to 4MP	
		1970	1980	1970	1980
Tawau	1. Tawau	24,247	45,249	24,247	49,548
Lahad Datu	2. Lahad Datu	5,169	16,526	5,169	18,096
Semporna	3. Semporna	3,371	5,556	3,371	6,084
Sandakan	4. Sandakan	42,413	73,815	42,413	80,827
Kota Kinabalu	5. Kota Kinabalu	40,939	59,500	40,939	65,153
Kudat	6. Kudat	5,089	10,938	5,089	11,977
Ranau	7. Ranau	2,024	4,641	2,024	5,082
Kota Belud	8. Kota Belud	2,211	4,747	2,211	5,198
Tuaran	9. Tuaran	3,358	4,363	3,358	4,777
Papar	10. Papar	1,855	5,282	1,855	5,784
Beaufort	11. Beaufort	2,709	3,549	2,709	3,886
Tenom	12. Tenom	3,284	4,053	3,284	4,438
Keningau	13. Keningau	2,037	4,279	2,037	4,686
Labuan	14. Labuan	7,216	12,475	7,216	13,660
Town Total		145,922	254,973	145,922	279,196
Rural Total		507,682	747,627	507,682	818,604
State Total		653,604	1,002,608	653,604	1,097,800

Source; Refs. 5, 8 and 20

Table 34 POPULATION BY TOWN IN SARAWAK,
1970 AND 1980

District	Town	Population Census		Adjusted to 4MP	
		1970	1980	1970	1980
Lundu	1. Lundu	1,799	2,431	1,799	2,467
Bau	2. Bau	2,099	2,367	2,099	2,403
Kuching	3. Kuching	63,535	74,229	63,535	75,342
Upper Sadong	4. Serian	2,212	4,015	2,212	4,075
Simanggang	5. Sri Aman	3,470	4,618	3,470	4,687
Saribas	6. Betong	1,401	1,911	1,401	1,940
Kalaka	7. Saratok	713	1,098	713	1,114
Sarikei	8. Sarikei	6,208	12,796	6,208	12,988
Binatang	9. Binatang	3,582	4,649	3,582	4,719
Sibu	10. Sibu	50,635	86,860	50,635	88,163
Kanowit	11. Kanowit	1,501	1,624	1,501	1,648
Kapit	12. Kapit	2,388	3,360	2,388	3,410
Mukah	13. Mukah	1,696	1,719	1,696	1,745
Bintulu	14. Bintulu	4,817	8,677	4,817	8,807
Miri	15. Miri	34,547	53,799	34,547	54,606
Baram	16. Marudi	4,186	6,379	4,186	6,475
Limbang	17. Limbang	5,204	8,223	5,204	8,346
Lawas	18. Lawas	718	840	718	853
Town Total		190,711	279,595	190,711	283,788
Rural Total		785,558	1,015,158	785,558	1,030,612
State Total		976,269	1,294,753	976,269	1,314,400

Source; Refs. 5, 7 and 20

Table 35 HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN JOHOR FOR CASE 1

District	City/Rural	Historical				Projected		Average Annual Growth (%) 1980-2000
		1980	1985	1990	2000	1985	1990	
Unit: 10 ³								
47. Segamat	32. Segamat	37	49	64	104		5.3	
	122. Labis	12	12	14	17		1.8	
	125. Jementah	8	9	10	12		2.0	
	Rural	107	111	113	106		0.0	
	District Total	164	181	201	239		1.9	
48. Muar	33. Tangkak	14	15	16	19		1.5	
	34. Muar	70	72	77	90		1.3	
	Rural	227	229	231	227		0.0	
	District Total	311	316	324	336		0.4	
49. Batu Pahat	35. Batu Pahat	70	78	88	114		2.5	
	123. Yong Peng	11	11	12	14		1.2	
	Rural	215	223	225	214		0.0	
	District Total	296	312	325	342		0.7	
50. Pontian	37. Pontian Kechil	22	32	44	75		6.3	
	124. Pekan Nanas	10	10	11	13		1.3	
	Rural	98	96	95	98		1.0	
	District Total	130	138	150	186		1.8	
51. Johor Bahru	38. Kulai	26	35	47	78		5.6	
	39. Johor Bahru	266	343	439	686		4.9	
	126. Ulu Tiram	7	10	12	20		5.4	
	127. Senai	7	9	10	15		3.9	
	128. Kelapa Sawit	7	8	9	12		2.7	
	129. Masai	6	9	12	22		6.7	
	Rural	125	130	131	124		0.0	
District Total	444	544	660	957		3.9		
52. Kota Tinggi	40. Kota Tinggi	15	18	22	34		4.2	
	Rural	102	126	134	99		-0.1	
	District Total	117	144	156	133		0.6	
53. Kluang	41. Kluang	55	60	67	84		2.1	
	Rural	142	166	174	139		0.1	
	District Total	197	226	241	223		0.6	
54. Mersing	42. Mersing	15	19	25	41		5.2	
	Rural	30	31	31	30		1.0	
	District Total	45	50	56	71		2.3	
Total	Urban Total	658	799	979	1,450		4.0	
	Rural Total	1,046	1,112	1,134	1,037		0.0	
	State Total	1,704	1,911	2,113	2,487		1.9	

Table 36 HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN KEDAH/PERLIS FOR CASE 1

Unit: 10³

District	City/Rural	Historical	Projected			Average Annual Growth (%)
		1980	1985	1990	2000	1980-2000
1. Perlis	1. Kangar	14	16	19	26	3.1
	Rural	143	159	172	171	0.9
	District Total	157	175	191	197	1.1
2. Pulau Langkawi	Rural	31	34	36	38	1.0
3. Kulang Pasu	101. Jitra	15	21	27	41	5.2
	Rural	125	127	128	129	0.2
	District Total	140	148	155	170	1.0
4. Padang Terap	Rural	45	52	57	61	1.5
5. Kota Setar	2. Alor Setar	76	79	85	100	1.4
	Rural	228	253	269	290	1.2
	District Total	304	332	354	390	1.3
6. Pendang	Rural	82	86	89	91	0.5
7. Yan	102. Guar Chempedak	9	10	11	15	2.6
	103. Yan	6	7	9	13	3.9
	Rural	49	50	50	50	0.1
	District Total	64	67	70	78	1.0
8. Sik	Rural	47	50	51	53	0.6
9. Kuala Muda	3. Sg. Petani	49	55	62	79	2.4
	104. Tikan Batu	4	7	9	14	6.5
	Rural	156	169	179	186	0.9
	District Total	209	231	250	279	1.5
10. Baling	Rural	115	118	119	120	0.2
11. Kulim	4. Kulim	29	34	40	54	3.2
	Rural	73	73	73	73	1.0
	District Total	102	107	113	127	1.1
12. Bandar Bharu	Rural	34	34	34	34	1.0
Total	Urban Total	202	229	262	342	2.7
	Rural Total	1,128	1,205	1,257	1,296	0.7
	State Total	1,330	1,434	1,519	1,638	1.0

Table 37 HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN KELANTAN FOR CASE 1

District	City/Rural	Projected				Average Annual Growth (%) 1980-2000
		Historical 1980	1985	1990	2000	
70. Ulu Kelantan	135. Gua Musang	6	8	10	17	5.3
	Rural	10	12	12	7	-1.8
	District Total	16	20	22	24	2.0
71. Pasir Puteh	Rural	89	94	95	80	-0.5
72. Machang	Rural	63	65	66	58	-0.4
73. Tanah Merah	54. Tanah Merah	10	11	13	18	3.0
	Rural	76	85	86	61	-1.1
	District Total	86	96	99	79	-0.4
74. Bachok	Rural	82	88	89	71	-0.7
75. Kota Bharu	55. Kota Bharu	182	255	344	567	5.8
	56. Peringat	15	17	18	23	2.2
	57. Pangkal Kalong	24	30	37	56	4.3
	134. Kadok	13	14	17	22	2.7
	Rural	65	53	52	97	2.0
District Total	299	369	468	765	4.8	
76. Pasir Mas	58. Pasir Mas	15	16	18	23	2.2
	136. Rantau Panjang	5	7	8	12	4.5
	Rural	108	116	115	97	-0.5
District Total	128	139	141	132	0.2	
77. Tumpat	Rural	95	101	102	84	-0.6
101. Kuala Krai	133. Kuala Krai	14	19	26	46	6.1
	Rural	58	62	62	52	-0.5
	District Total	72	81	88	98	1.6
Total	Urban Total	284	377	491	784	5.2
	Rural Total	646	676	679	607	-0.3
	State Total	934	1,053	1,170	1,391	2.0

Table 38 HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN MELAKA FOR CASE 1

Unit: 10³

District	City/Rural	Historical	Projected			Average Annual Growth (%)
		1980	1985	1990	2000	1980-2000
44. Utara	Rural	122	123	123	123	0.0
45. Melaka Tengah	31. Melaka	94	94	98	112	0.9
	120. Kelebang	9	10	11	13	1.9
	121. Bukit Baru	19	20	22	26	1.6
	Rural	144	166	175	167	0.7
	District Total	266	290	306	318	0.9
46. Selatan	Rural	94	96	97	97	0.2
Total	Urban Total	122	124	131	151	1.1
	Rural Total	360	385	395	387	0.4
	State Total	482	509	526	538	0.6

Table 39 HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN NEGERI SEMBILAN FOR CASE 1

District	City/Rural	Historical				Projected		Average Annual Growth (%)
		1980	1985	1990	2000	1980-2000		
38. Port Dickson	28. Port Dickson	26	34	43	64	4.6		
	Rural	65	64	65	70	0.4		
	District Total	91	98	108	134	2.0		
39. Seremban	29. Seremban	145	175	210	290	3.5		
	Rural	76	72	74	104	1.6		
	District Total	221	247	284	394	2.9		
40. Jelebu	Rural	40	42	41	28	-1.8		
41. Kuala Pilah	30. Kuala Pilah	13	13	14	16	1.0		
	Rural	60	58	59	71	0.8		
	District Total	73	71	73	87	0.9		
42. Rembau	Rural	39	38	39	42	0.4		
43. Tampin	119. Tampin	10	11	12	14	1.7		
	Rural	52	56	53	33	-2.2		
	District Total	62	67	65	47	-1.4		
102. Jempol	118. Bahau	11	12	13	16	1.9		
	Rural	63	72	66	8	-10.4		
	District Total	74	84	79	24	-5.7		
Total	Urban Total	205	245	292	400	3.4		
	Rural Total	395	402	397	356	-0.5		
	State Total	600	647	689	756	1.2		

Unit: 10³

Table 40 HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN PAHANG FOR CASE 1 (1/2)

Unit: 10³

District	City/Rural	Historical	Projected			Average Annual Growth (%)	
		1980	1985	1990	2000	1980-2000	
55. Rompin	PT 1	15	28	31	31	3.7	
56. Pekan	PT 2	2	8	12	16	11.0	
57. Temerloh	PT 3	-	4	8	10	6.2	
	PT 4	1	8	9	12	13.2	
	PT 5	1	7	13	17	15.2	
	PT 6	4	24	33	42	12.5	
	PT 7	-	7	8	10	2.4	
	PT 8	4	7	19	21	8.6	
	PT 9	4	8	9	10	4.7	
	PT 10	4	9	10	10	4.7	
	PT 11	3	11	13	15	8.4	
	PT 12	19	23	25	25	1.4	
	PT 13	-	2	8	11	12.0	
	PT 14	-	20	24	24	1.2	
	PT 15	-	19	23	23	1.3	
	PT 16	-	-	11	14	2.4	
	PT 17	11	12	12	12	0.4	
	PT 18	8	10	10	10	1.1	
	PT 19	5	6	12	12	4.5	
	PT 20	-	1	33	33	26.3	
		130. Mentakab	9	11	13	18	3.5
		45. Temerloh	15	16	18	22	1.9
	131. Teriang	9	10	12	17	3.2	
	Rural	218	93	20	13	-13.1	
	District Total	332	344	386	428	1.3	
58. Bentong	46. Bentong	25	25	27	30	0.9	
	Rural	54	89	104	117	3.9	
	District Total	79	114	131	147	3.2	
59. Kuantan	47. Kuantan	145	224	333	653	7.8	
	Rural	42	29	26	24	-2.8	
	District Total	187	253	359	677	6.6	
60. Jerantut	48. Jerantut	7	9	11	17	4.5	
	Rural	69	134	163	184	5.1	
	District Total	76	143	174	201	5.0	

Table 41

HISTORICAL AND PROJECTED POPULATION OF
DISTRICT BY CITY/TOWN AND RURAL AREA IN
PAHANG FOR CASE 1 (2/2)

District	City/Rural	Historical	Projected			Unit: 10 ³
		1980	1985	1990	2000	Average Annual Growth (%) 1980-2000
61. Raub	49. Raub	25	27	30	38	2.1
	Rural	43	40	38	37	0.7
	District Total	68	67	68	75	0.5
62. Lipis	50. Kuala Lipis	11	11	12	14	1.2
	Rural	46	44	42	42	0.5
	District Total	57	55	54	56	-0.1
63. Cameron Highlands	Rural	21	28	30	33	2.3
Total	Urban Total	327	547	779	1,167	6.6
	Rural Total	493	457	423	450	-0.4
	State Total	820	1,004	1,202	1,617	3.5

Table 42 HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN PERAK FOR CASE 1

Unit: 10³

District	City/Rural	Historical	Projected			Average Annual Growth (%)
		1980	1985	1990	2000	1980-2000
18. Hulu Perak	Rural	74	78	78	59	-1.1
20. Kerian	112. Bagan Serai	10	10	11	13	1.3
	Rural	158	159	159	146	-0.4
	District Total	168	169	170	159	-0.3
21. Larut dan Matang	10. Taiping	159	205	247	313	3.4
	Rural	111	96	97	210	3.2
	District Total	270	301	344	523	3.4
22. Kuala Kangsar	11. Kuala Kangsar	16	15	16	18	0.6
	12. Sg. Siput Utara	25	27	28	33	1.4
	Rural	112	112	112	107	-0.2
	District Total	153	154	156	158	0.2
23. Kinta	13. Ipoh	320	346	377	446	1.7
	14. Batu Gajah	12	12	12	14	0.8
	15. Kampar	27	26	27	30	0.5
	111. Baru Mambang	10	11	11	13	1.3
	113. Jelapang	9	9	10	12	1.4
	Rural	233	252	240	163	-1.8
	District Total	611	656	677	678	0.5
24. Perak Tengah	Rural	79	79	79	76	-0.2
25. Dinding	Rural	155	161	161	129	-0.9
26. Hilir Perak	17. Telok Anson	53	55	59	69	1.3
	Rural	166	171	171	142	-0.8
	District Total	219	226	230	211	-0.2
27. Batang Padang	18. Tapah	10	10	11	12	0.9
	Rural	136	144	144	105	-1.3
	District Total	146	154	155	117	-1.1
Total	Urban Total	651	726	809	973	2.0
	Rural Total	1,224	1,252	1,241	1,137	-0.4
	State Total	1,875	1,978	2,050	2,110	0.6

Table 43 HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN PULAU PINANG FOR CASE 1

District	City/Rural	Historical				Projected		Unit: 10 ³
		1980	1985	1990	2000	Average Annual Growth (%) 1980-2000		
13. Seberang Perai Utala	5. Butterworth	82	92	103	121	2.0		
	109. Kg. PMTG Kuching	11	13	16	20	3.0		
	Rural	120	130	133	128	0.3		
	District Total	213	235	252	269	1.2		
14. Seberang Perai Tengah	6. Bk. Mertajam	30	31	33	38	1.2		
	110. Perai	10	12	13	15	2.0		
	Rural	133	161	176	157	0.9		
	District Total	173	204	222	210	1.0		
15. Selatan	Rural	78	84	86	83	0.3		
16. Timur Laut	8. Georgetown	267	258	262	294	0.5		
	105. Air Itam	39	47	54	65	2.6		
	106. Tg. Tokong	15	17	18	21	1.7		
	107. Gelugor	14	17	20	25	2.9		
	108. Tg. Bunga	12	13	14	17	1.8		
	Rural	76	97	106	94	1.1		
District Total	423	449	474	516	1.0			
17. Barat Daya	Rural	83	94	99	93	0.6		
Total	Urban Total	480	500	533	616	1.3		
	Rural Total	490	566	600	555	0.6		
	State Total	970	1,066	1,133	1,171	1.0		

Table 44 HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN SELANGOR FOR CASE 1

District	City/Rural	Projected				Average Annual Growth (%) 1980-2000
		Historical 1980	1985	1990	2000	
28. Sabak Bernam	Rural	112	114	114	112	1.0
29. Kuala Selangor	Rural	123	126	127	122	0.0
30. Ulu Selangor	21. Kuala Kubu Baru	11	12	13	16	1.9
	Rural	78	81	82	77	-0.1
	District Total	89	93	95	93	0.2
31. Gombak	Rural	171	244	273	160	-0.3
32. Kelang	22. Kelang	209	271	359	613	5.5
	Rural	94	97	97	93	-0.1
	District Total	303	368	456	706	4.3
33. Petaling	23. Shah Alam	26	42	66	141	8.8
	24. Petaling Jaya	232	337	484	927	7.2
	114. Sg. Buloh	6	7	9	13	3.9
	Rural	115	123	125	114	0.0
	District Total	379	509	684	1,195	5.9
34. Federal Territory	25. Bandaraya KL	998	1,179	1,419	2,039	3.6
	116. Ampang	14	14	15	18	1.3
	117. Serdang Baru	18	19	21	25	1.7
	Rural	0	0	0	0	0
	District Total	1,030	1,212	1,455	2,082	3.6
35. Ulu Langat	26. Kajang Chua	32	37	43	58	3.0
	115. Semenyih	10	11	12	14	1.7
	Rural	148	200	219	145	-0.3
	District Total	190	248	274	217	0.5
36. Kuala Langat	Rural	111	119	122	110	0.0
37. Sepang	Rural	50	54	56	49	0.1
Total	Urban Total	1,556	1,929	2,441	3,864	4.7
	Rural Total	1,002	1,158	1,215	982	0.1
	State Total	2,558	3,087	3,656	4,846	3.2

Unit: 10³

Table 45 HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN TRENGGANU FOR CASE 1

District	City/Rural	Historical				Projected		Unit: 10 ³
		1980	1985	1990	2000	Average Annual Growth (%)	1980-2000	
64. Kemaman	51. Chukai	17	19	22	28	2.5		
	Rural	53	58	69	53	1.0		
	District Total	70	77	91	81	0.7		
65. Dungun	52. Dungun	32	40	52	84	4.9		
	Rural	33	29	16	3	-11.3		
	District Total	65	69	68	87	1.5		
66. Marang	Rural	28	30	35	33	0.8		
67. Ulu Trengganu	132. Ulu Trengganu	5	7	10	17	6.3		
	Rural	44	47	53	44	1.0		
	District Total	49	54	63	61	1.1		
68. Kuala Trengganu	53. Kuala Trengganu	199	281	377	611	5.8		
	Rural	56	43	13	2	-15.4		
	District Total	255	324	390	613	4.5		
69. Besut	Rural	110	115	115	68	-2.4		
Total	Urban Total	253	347	461	740	5.5		
	Rural Total	324	322	301	203	-2.3		
	State Total	577	669	762	943	2.5		

Table 46 HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN SABAH FOR CASE 1

Unit: 10³

District	City/Rural	Historical		Projected		Average Annual Growth(%) 1980-2000
		1980	1985	1990	2000	
201. Pensiangan	Rural	9	10	11	12	1.4
202. Tawau	201. Tawau	50	62	82	150	5.6
	Rural	82	101	122	140	2.7
	Total	132	163	204	290	4.0
203. Semporna	202. Semporna	6	7	9	15	4.7
	Rural	56	70	85	101	3.0
	Total	62	77	94	116	3.2
204. Lahad Datu	203. Lahad Datu	18	26	38	84	8.0
	Rural	41	47	53	59	1.8
	Total	59	73	91	143	4.5
205. Kinabatangan	Rural	29	35	41	47	2.4
206. Sandakan	204. Sandakan	81	99	127	222	5.2
	Rural	49	54	58	62	1.2
	Total	130	153	185	284	4.0
207. Labuk/Sugut	Rural	36	38	39	41	0.7
208. Pitas	Rural	19	20	22	23	1.0
209. Kudat	206. Kudat	12	16	21	43	6.6
	Rural	34	35	37	38	0.6
	Total	46	51	58	81	2.9
210. Kota Marudu	Rural	31	33	36	38	1.0
211. Kota Belud	207. Kota Belud	5	7	9	18	6.6
	Rural	46	49	52	54	0.8
	Total	51	56	61	72	1.7
212. Ranau	205. Ranau	5	7	9	19	6.9
	Rural	29	31	33	34	0.8
	Total	34	38	42	53	2.2
213. Tuaran	Rural	55	58	61	63	0.7
214. Kota Kinabalu	208. Kota Kinabalu	71	97	134	271	6.9
	Rural	53	68	85	103	3.4
	Total	124	165	219	374	5.7
215. Penampang	Rural	43	48	53	58	1.5
216. Papar	209. Papar	6	8	12	25	7.4
	Rural	40	42	43	44	0.5
	Total	46	50	55	69	2.0
217. Tambunan	Rural	16	18	18	19	0.9
218. Keningau	210. Keningau	5	6	8	16	6.0
	Rural	43	49	56	62	1.8
	Total	48	55	64	78	2.5
219. Kuala Penyu	Rural	14	15	15	16	0.7
220. Beaufort	Rural	41	43	44	46	0.6
221. Tenom	Rural	30	32	33	34	0.6
222. Sipitang	Rural	14	14	15	16	0.7
223. Labuan	211. Labuan	19	29	41	93	8.3
	Rural	10	11	11	12	0.9
	Total	29	40	52	105	6.6
	Urban Total	278	364	490	956	6.4
	Rural Total	820	921	1023	1122	1.6
	State Total	1098	1285	1513	2078	3.2

Table 47 HISTORICAL AND PROJECTED POPULATION
OF DISTRICT BY CITY/TOWN AND RURAL
AREA IN SARAWAK FOR CASE 1

Unit: 10³

District	City/Rural	Historical		Projected		Average Annual Growth(%) 1980-2000
		1980	1985	1990	2000	
224. Lawas	Rural	20	23	25	28	1.7
225. Limbang	212. Limbang	8	11	14	23	5.4
	Rural	18	20	22	27	2.0
	Total	26	31	36	50	3.3
226. Baram	213. Marudi	7	8	19	17	4.5
	Rural	47	56	66	88	3.2
	Total	54	64	76	105	3.4
227. Miri	214. Miri	55	69	89	147	5.0
	Rural	46	65	89	146	5.9
	Total	101	134	178	293	5.5
228. Bintulu	215. Bintulu	17	25	33	43	4.7
	Rural	42	48	53	64	2.1
	Total	59	73	86	107	3.0
229. Mukah	Rural	36	41	46	56	2.2
230. Oya/Dalat	Rural	23	26	29	35	2.1
231. Sibü	216. Sibü	88	116	156	275	5.9
	Rural	49	49	49	48	-0.1
	Total	137	165	205	323	4.4
232. Kanowit	Rural	29	32	35	40	1.6
233. Belaga	Rural	12	14	16	20	2.6
234. Kapit	Rural	39	46	54	71	3.0
235. Song	Rural	17	20	24	31	3.0
236. Matu/Daro	Rural	17	19	21	24	1.7
237. Binatang	Rural	30	33	36	41	1.6
238. Sarikei	217. Sarikei	13	18	26	52	7.2
	Rural	31	32	33	34	0.5
	Total	44	50	59	86	3.4
239. Julau	Rural	28	31	34	39	1.7
240. Kalaka	Rural	36	40	43	49	1.6
241. Saribas	Rural	42	46	50	57	1.5
242. Lubok Antu	Rural	21	23	25	28	1.4
243. Simanggang	Rural	63	68	73	80	1.2
244. Simunjan	Rural	38	42	46	54	1.8
245. Serian	218. Serian	4	6	8	14	6.5
	Rural	64	72	80	97	2.1
	Total	68	78	88	111	2.5
246. Kuching	219. Kuching	175	215	266	412	4.4
	Rural	143	162	193	265	3.4
	Total	318	377	459	677	4.0
247. Bau	Rural	33	35	37	40	1.0
248. Lundu	Rural	23	26	29	37	2.4
	Urban Total	367	468	602	983	5.0
	Rural Total	947	1069	1208	1499	2.4
	State Total	1314	1537	1810	2482	3.3

Table 48 HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN JOHOR FOR CASE 2

District	City/Rural	Historical				Projected		Average Annual Growth (%) 1980-2000
		1980	1985	1990	2000	1980-2000		
47. Segamat	32. Segamat	37	48	61	87	4.4		
	122. Labis	12	12	13	14	0.8		
	125. Jementah	8	8	9	10	1.1		
	Rural	107	112	116	121	0.6		
	District Total	164	180	199	232	1.7		
48. Muar	33. Tangkak	14	15	15	16	0.7		
	34. Muar	70	71	73	74	0.3		
	Rural	228	233	236	240	0.3		
	District Total	312	319	324	330	0.3		
49. Batu Pahat	35. Batu Pahat	70	77	83	94	1.5		
	123. Yong Peng	11	11	11	12	0.4		
	Rural	214	224	228	240	0.6		
	District Total	295	312	322	346	0.8		
50. Pontian	37. Pontian kecil	22	31	41	62	5.3		
	124. Pekan Nanas	10	10	10	10	1.0		
	Rural	98	95	93	91	-0.4		
	District Total	130	136	144	163	1.1		
51. Johor Bahru	38. Kulat	26	35	44	65	4.7		
	39. Johor Bahru	266	339	416	569	3.9		
	126. Ulu Tiram	7	10	12	16	4.2		
	127. Senai	7	8	10	12	2.7		
	129. Masai	6	9	12	18	5.6		
	Rural	132	138	143	150	0.6		
	District Total	444	539	637	830	3.2		
52. Kota Tinggi	40. Kota Tinggi	15	18	21	28	3.2		
	Rural	102	129	153	191	3.2		
	District Total	117	147	174	219	3.2		
53. Keluang	41. Keluang	55	59	63	69	1.1		
	Rural	142	169	194	232	2.5		
	District Total	197	228	257	301	2.1		
54. Mersing	42. Mersing	15	19	24	34	4.2		
	Rural	30	31	32	32	0.3		
	District Total	45	50	56	66	1.9		
Total	Urban Total	651	780	918	1,190	3.1		
	Rural Total	1,053	1,131	1,195	1,297	1.0		
	State Total	1,704	1,911	2,113	2,487	1.9		

Table 49 HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN KEDAH/PERLIS FOR CASE 2

District	City/Rural	Historical				Projected		Unit: 10 ³
		1980	1985	1990	2000	Average Annual Growth (%) 1980-2000		
1. Perlis	1. Kangar	14	16	18	22	2.3		
	Rural	143	156	166	181	1.2		
	District Total	157	172	184	203	1.3		
2. Pulau Langkawi	Rural	31	34	37	40	1.3		
3. Kulang Pasu	101. Jitra	15	21	26	34	4.2		
	Rural	125	127	129	130	0.2		
	District Total	140	148	155	164	0.8		
4. Padang Terap	Rural	45	52	58	66	1.9		
5. Kota Setar	2. Alor Setar	76	78	80	83	0.4		
	Rural	228	258	280	315	1.6		
	District Total	304	336	360	398	1.4		
6. Pendang	Rural	82	86	90	94	0.7		
7. Yan	102. Gura Chempedak	9	10	11	12	1.4		
	103. Yan	6	7	9	10	2.6		
	Rural	49	50	50	51	0.2		
	District Total	64	67	70	73	0.6		
8. Sik	Rural	47	50	52	55	0.8		
9. Kuala Muda	3. Sg. Petani	49	54	59	66	1.5		
	104. Tikan Batu	4	6	8	11	5.2		
	Rural	156	170	181	196	1.1		
	District Total	209	230	248	273	1.3		
10. Baling	Rural	115	118	120	122	0.3		
11. Kulim	4. Kulim	29	34	38	44	2.1		
	Rural	73	73	73	72	-0.1		
	District Total	102	107	111	116	0.6		
12. Bandar Bharu	Rural	34	34	34	34	1.0		
Total	Urban Total	202	226	249	282	1.7		
	Rural Total	1,128	1,208	1,270	1,356	0.9		
	State Total	1,330	1,434	1,519	1,638	1.0		

Table 50 HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN KELANTAN FOR CASE 2

District	City/Rural	Historical				Projected		Unit: 10 ³
		1980	1985	1990	2000	Average Annual Growth (%)	1980-2000	
70. Ulu Kelantan	135. Gua Musang	6	8	10	14	4.3		
	Rural	10	12	14	16	2.4		
	District Total	16	20	24	30	3.2		
71. Posir Putih	Rural	91	97	96	105	0.8		
72. Machang	Rural	63	66	68	70	0.5		
73. Tanah Merah	54. Tanah Merah	10	11	13	15	2.0		
	Rural	76	86	94	104	1.6		
	District Total	86	97	107	119	1.6		
74. Bachok	Rural	82	89	94	101	1.0		
75. Kota Bharu	55. Kota Bharu	182	252	326	470	4.9		
	56. Peringat	15	16	17	19	1.2		
	57. Pengkal Kalong	24	29	35	46	3.3		
	134. Kadok	13	14	16	18	1.6		
	Rural	65	51	44	36	-2.9		
District Total	299	362	438	589	3.4			
76. Pasir Mas	58. Pasir Mas	15	16	17	19	1.2		
	Rural	115	123	129	137	0.9		
	District Total	130	139	146	156	0.9		
77. Tumpat	Rural	95	102	107	114	0.9		
101. Kuala Krai	133. Kuala Krai	14	19	25	38	5.1		
	Rural	58	62	65	69	0.9		
	District Total	72	81	90	107	2.0		
Total	Urban Total	279	365	459	639	4.2		
	Rural Total	655	688	711	752	0.7		
	State Total	934	1,053	1,170	1,391	2.0		

Table 51 HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN MELAKA FOR CASE 2

Unit: 10³

District	City/Rural	Historical	Projected			Average Annual Growth (%)
		1980	1985	1990	2000	1980-2000
44. Utara	Rural	122	123	123	124	0.1
45. Melaka Tengah	31. Melaka	94	93	93	93	-0.1
	120. Kelebang	9	10	10	11	1.0
	121. Bukit Baru	19	20	21	22	0.7
	Rural	144	167	181	189	1.4
	District Total	266	290	305	315	0.9
46. Selatan	Rural	94	96	98	99	0.3
Total	Urban Total	122	123	124	126	0.2
	Rural Total	360	386	402	412	0.7
	State Total	482	509	526	538	0.6

Table 52 HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN NEGERI SEMBILAN FOR CASE 2

Unit: 10³

District	City/Rural	Historical	Projected			Average Annual Growth (%)
		1980	1985	1990	2000	1980-2000
38. Port Dickson	28. Port Dickson	26	33	41	53	3.6
	Rural	65	63	62	60	-0.4
	District Total	91	96	103	113	1.1
39. Seremban	29. Seremban	145	173	198	240	2.6
	Rural	76	71	67	63	-0.9
	District Total	221	244	265	303	1.6
40. Jelebu	Rural	40	43	45	48	0.9
41. Kuara Pilah	30. Kuara Pilah	13	13	13	13	1.0
	Rural	60	57	55	53	-0.6
	District Total	73	70	68	66	-0.5
42. Rembau	Rural	39	38	37	36	-0.4
43. Tampin	119. Tampin	10	11	11	12	0.9
	Rural	52	57	61	65	1.1
	District Total	62	68	72	77	1.1
102. Jempol	118. Bahau	11	12	12	13	0.8
	Rural	63	76	87	100	2.3
	District Total	74	88	99	113	2.1
Total	Urban Total	205	242	275	331	2.4
	Rural Total	395	405	414	425	0.4
	State Total	600	647	689	756	1.2

Table 53 HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN PAHANG FOR CASE 2 (1/2)

District	City/Rural	Historical	Projected			Average Annual Growth (%)	
		1980	1985	1990	2000	1980-2000	
55. Rompin	PT 1	15	25	28	28	3.2	
56. Pekan	PT 2	2	7	11	14	10.2	
57. Temerloh	PT 3	-	4	7	9	5.6	
	PT 4	1	7	8	11	12.7	
	PT 5	1	6	12	15	14.5	
	PT 6	4	22	30	38	11.9	
	PT 7	-	6	7	9	2.7	
	PT 8	4	6	17	19	8.1	
	PT 9	4	7	8	9	4.1	
	PT 10	4	8	9	9	4.1	
	PT 11	3	10	12	14	8.0	
	PT 12	19	21	23	23	1.0	
	PT 13	-	2	7	10	11.3	
	PT 14	-	18	22	22	1.3	
	PT 15	-	17	21	21	1.4	
	PT 16	-	-	10	13	2.7	
	PT 17	11	11	11	11	1.0	
	PT 18	8	9	9	9	0.6	
	PT 19	5	5	11	11	4.0	
	PT 20	-	1	30	30	25.5	
	130. Mentakab		9	11	12	15	2.6
	45. Temerloh		15	16	17	18	0.9
131. Teriang		9	10	11	14	2.2	
Rural		218	117	62	106	-3.5	
District Total		332	346	395	478	1.8	
58. Bentong	46. Bentong	25	25	25	25	1.0	
	Rural	54	90	109	147	5.1	
	District Total	79	115	134	172	4.0	
59. Kuantan	47. Kuantan	145	222	316	541	6.8	
	Rural	42	29	25	21	-3.4	
	District Total	187	251	341	562	5.7	
60. Jerantut	48. Jerantut	7	9	11	14	3.5	
	Rural	69	136	172	236	6.3	
	District Total	76	145	183	250	6.1	

Unit: 10³

Table 54 HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN PAHANG FOR CASE 2 (2/2)

Unit: 10³

District	City/Rural	Historical	Projected			Average Annual Growth (%)
		1980	1985	1990	2000	1980-2000
61. Raub	49. Raub	25	27	29	31	1.1
	Rural	43	40	38	35	-1.0
	District Total	68	67	67	66	-0.1
62. Lipis	50. Kuala Lipis	11	11	11	12	0.4
	Rural	46	41	40	39	-0.7
	District Total	57	52	51	51	-0.5
63. Cameron Highlands	Rural	21	28	31	38	3.0
Total	Urban Total	327	523	725	995	5.7
	Rural Total	493	481	477	622	1.2
	State Total	820	1,004	1,202	1,617	3.5

Table 55 HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN PERAK FOR CASE 2

District	City/Rural	Historical				Projected		Unit: 10 ³
		1980	1985	1990	2000	Average Annual Growth (%) 1980-2000		
18. Hulu Perak	Rural	74	79	82	85	0.7		
20. Kerian	112. Bagan Serai	10	10	11	11	0.5		
	Rural	158	159	160	160	0.1		
	District Total	168	169	171	171	0.1		
21. Larut dan Matang	10. Taiping	159	203	233	259	2.5		
	Rural	111	93	84	78	-1.7		
	District Total	270	296	317	337	1.1		
22. Kuala Kangsar	11. Kuala Kangsar	16	15	15	15	-0.3		
	12. Sg. Siput Utara	25	26	27	28	0.6		
	Rural	112	111	111	110	-0.1		
	District Total	153	152	153	153	1.0		
23. Kinta	13. Ipoh	320	342	357	370	0.7		
	14. Batu Gajah	12	11	11	11	-0.4		
	15. Kampar	27	26	25	25	-0.4		
	111. Baru Mambang	10	11	11	11	0.5		
	Rural	242	268	284	295	1.0		
District Total	611	658	688	712	0.8			
24. Perak Tengah	Rural	79	78	78	77	-0.1		
25. Dinding	Rural	155	163	167	171	0.5		
26. Hilir Perak	17. Telok Anson	53	55	56	57	0.4		
	Rural	166	172	176	179	0.4		
	District Total	219	227	232	236	0.4		
27. Batang Padang	18. Tapah	10	10	10	10	1.0		
	Rural	136	146	152	158	0.8		
	District Total	146	156	162	168	0.7		
Total	Urban Total	642	709	756	797	1.1		
	Rural Total	1,233	1,269	1,294	1,313	0.3		
	State Total	1,875	1,978	2,050	2,110	0.6		

Table 56. HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN PULAU PINANG FOR CASE 2

Unit: 10³

District	City/Rural	Historical	Projected			Average Annual Growth (%)
		1980	1985	1990	2000	1980-2000
13. Seberang Perai Utara	5. Butterworth	82	91	97	101	1.0
	109. Kg. PMTG Kuching	11	13	15	16	1.9
	Rural	120	130	136	139	0.7
	District Total	213	234	248	256	0.9
14. Seberang Perai Tengah	6. Bk. Mertajam	30	31	31	31	0.2
	110. Perai	10	11	12	13	1.3
	Rural	133	166	189	201	2.2
	District Total	173	208	232	245	1.8
15. Selatan	Rural	78	84	87	89	0.7
16. Timur Laut	8. Georgetown	267	255	248	243	-0.5
	105. Air Itam	39	46	51	54	1.6
	106. Tg. Tokong	15	16	17	18	0.9
	107. Gelugor	14	17	19	21	2.0
	108. Tg. Bunga	12	13	14	14	0.8
	Rural	76	98	114	124	2.5
	District Total	423	445	463	474	0.6
17. Barat Daya	Rural	83	95	103	107	1.3
Total	Urban Total	480	493	504	511	0.3
	Rural Total	490	573	629	660	1.5
	State Total	970	1,066	1,133	1,171	1.0

Table 57 HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN SELANGOR FOR CASE 2

Unit: 10³

District	City/Rural	Historical	Projected			Average Annual Growth (%)
		1980	1985	1990	2000	1980-2000
28. Sabak Bernam	Rural	112	114	115	115	0.1
29. Kuala Selangor	Rural	123	126	128	129	0.2
30. Ulu Selangor	21. Kuala Kubu Baru	11	12	12	13	0.8
	Rural	78	82	84	87	0.5
	District Total	89	94	96	100	0.6
31. Gombak	Rural	171	254	340	500	5.5
32. Kelang	22. Kelang	209	269	340	508	4.5
	Rural	94	97	99	100	0.3
	District Total	303	366	439	608	3.5
33. Petaling	23. Shah Alam	26	42	62	117	7.8
	24. Petaling Jaya	232	333	458	768	6.2
	114. S. Buloh	6	7	9	11	3.1
	Rural	115	124	130	138	0.9
	District Total	379	506	659	1,034	5.1
34. Federal Territory	25. Bandaraya K1	998	1,167	1,343	1,691	2.7
	116. Ampang	14	14	14	15	0.3
	117. Serdang Baru	18	19	20	21	0.8
	Rural	0	0	0	0	0
	District Total	1,030	1,200	1,377	1,727	2.6
35. Ulu Langat	26. Kajang Chua	32	36	40	48	2.0
	115. Semenyih	10	11	11	12	0.9
	Rural	148	205	266	375	4.6
	District Total	190	252	317	435	4.1
36. Kuala Langat	Rural	111	120	127	135	1.0
37. Sepang	Rural	50	55	58	63	1.2
Total	Urban Total	1,556	1,910	2,309	3,204	3.7
	Rural Total	1,002	1,177	1,347	1,642	2.5
	State Total	2,558	3,087	3,656	4,846	3.2

Table 58 HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN TRENGGANU FOR CASE 2

Unit: 10³

District	City/Rural	Historical	Projected			Average Annual Growth (%)
		1980	1985	1990	2000	1980-2000
64. Kemaman	51. Chukai	17	19	21	24	1.7
	Rural	53	53	51	42	-1.2
	District Total	70	72	72	66	-0.3
65. Dungun	52. Dungun	32	40	49	69	3.9
	Rural	33	33	34	38	0.7
	District Total	65	73	83	107	2.5
66. Marang	Rural	28	28	27	24	-0.8
67. Ulu Trengganu	132. Ulu Trengganu	5	7	9	14	5.3
	Rural	44	44	43	37	-0.9
	District Total	49	51	52	51	0.2
68. Kuala Trengganu	53. Kuala Trengganu	199	278	357	506	4.8
	Rural	56	57	64	93	2.5
	District Total	255	335	421	599	4.4
69. Besut	Rural	110	110	107	96	-0.7
Total	Urban Total	253	344	436	613	4.5
	Rural Total	324	325	326	330	0.1
	State Total	577	669	762	943	2.5

Table 59 HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN SABAH FOR CASE 2

District	City/Rural	Historical		Projected		Average Annual Growth(%)
		1980	1985	1990	2000	1980-2000
201. Pensiangan	Rural	9	10	11	14	2.2
202. Tawau	201. Tawau	50	61	77	124	4.6
	Rural	82	100	127	180	3.9
	Total	132	161	204	304	4.2
203. Semporna	202. Semporna	6	7	9	13	3.9
	Rural	56	71	89	129	4.3
	Total	62	78	98	142	4.2
204. Lahad Datu	203. Lahad Datu	18	25	36	69	6.9
	Rural	41	47	54	68	2.6
	Total	59	72	90	137	4.3
205. Kinabatangan	Rural	29	35	43	58	3.5
206. Sandakan	204. Sandakan	81	98	120	184	4.2
	Rural	49	54	59	67	1.6
	Total	130	152	179	251	3.3
207. Labuk/Sugut	Rural	36	38	40	42	0.8
208. Pitas	Rural	19	20	22	25	1.4
209. Kudat	206. Kudat	12	15	20	35	5.5
	Rural	34	36	37	39	0.7
	Total	46	51	57	74	2.4
210. Kota Marudu	Rural	31	34	36	40	1.3
211. Kota Belud	207. Kota Belud	5	7	9	15	5.6
	Rural	46	49	52	56	1.0
	Total	51	56	61	71	1.7
212. Ranau	205. Ranau	5	7	9	16	6.0
	Rural	29	31	33	37	1.2
	Total	34	38	42	53	2.2
213. Tuaran	Rural	55	58	61	66	0.9
214. Kota Kinabalu	208. Kota Kinabalu	71	96	127	225	5.9
	Rural	53	69	90	134	4.7
	Total	124	165	217	359	5.5
215. Penampang	Rural	43	49	55	66	2.2
216. Papar	209. Papar	6	8	11	21	6.5
	Rural	40	42	43	45	0.6
	Total	46	50	54	66	1.8
217. Tambunan	Rural	16	18	19	20	1.1
218. Keningau	210. Keningau	5	6	8	14	5.3
	Rural	43	50	58	73	2.7
	Total	48	56	66	87	3.0
219. Kuala Penyu	Rural	14	15	15	16	0.7
220. Beaufort	Rural	41	43	45	47	0.7
221. Tenom	Rural	30	32	33	35	0.8
222. Sipitang	Rural	14	14	15	16	0.7
223. Labuan	211. Labuan	19	29	39	77	7.2
	Rural	10	11	11	12	0.9
	Total	29	40	50	89	5.8
Urban Total		278	359	465	793	5.4
Rural Total		820	926	1048	1285	2.3
State Total		1098	1285	1513	2078	3.2

Unit: 10³

Table 60 HISTORICAL AND PROJECTED POPULATION OF DISTRICT BY CITY/TOWN AND RURAL AREA IN SARAWAK FOR CASE 2

Unit: 10³

District	City/Rural	Historical	Projected			Average Annual Growth(%) 1980-2000
		1980	1985	1990	2000	
224. Lawas	Rural	20	22	24	26	1.3
225. Limbang	212. Limbang	8	11	15	28	6.5
	Rural	18	20	22	24	1.4
	Total	26	31	37	52	3.5
226. Baram	213. Marudi	7	8	11	20	5.4
	Rural	47	56	65	72	2.2
	Total	54	64	76	92	2.7
227. Miri	214. Miri	55	70	94	177	6.0
	Rural	46	65	86	105	4.2
	Total	101	125	180	282	5.3
228. Bintulu	215. Bintulu	17	26	34	51	5.6
	Rural	42	47	52	57	1.5
	Total	59	73	86	108	3.1
229. Mukah	Rural	36	41	46	49	1.6
230. Oya/Dalat	Rural	23	26	28	31	1.5
231. Sibü	216. Sibü	88	117	164	331	6.8
	Rural	49	49	49	48	-0.1
	Total	137	166	213	379	5.2
232. Kanowit	Rural	29	32	35	37	1.2
233. Belaga	Rural	12	14	16	17	1.8
234. Kapit	Rural	39	46	53	59	2.1
235. Song	Rural	17	20	23	26	2.1
236. Matu/Daro	Rural	17	19	20	22	1.3
237. Biatang	Rural	30	33	36	38	1.2
238. Sarikei	217. Sarikei	13	19	28	62	8.1
	Rural	31	32	33	34	0.5
	Total	44	51	61	96	4.0
239. Julau	Rural	28	31	34	36	1.3
240. Kalaka	Rural	36	39	43	45	1.1
241. Saribas	Rural	42	46	49	52	1.1
242. Lubok Antu	Rural	21	23	25	26	1.1
243. Simanggang	Rural	63	68	72	75	0.9
244. Simunjan	Rural	38	42	46	49	1.3
245. Serian	218. Serian	4	6	8	17	7.5
	Rural	64	72	79	86	1.5
	Total	68	78	87	103	2.1
246. Kuching	219. Kuching	175	218	281	497	5.4
	Rural	143	158	173	215	2.3
	Total	318	376	454	712	4.2
247. Bau	Rural	33	35	37	38	0.7
248. Lundu	Rural	23	26	29	32	1.7
	Urban Total	367	475	635	1183	6.0
	Rural Total	947	1062	1175	1299	1.6
	State Total	1314	1537	1810	2482	3.2

Table 61 HISTORICAL AND PROJECTED POPULATION BY BASIN
IN PENINSULAR MALAYSIA FOR CASE 1 (1/4)

Unit: 10³

Basin No.	City/Town Rural	Estimated	Projected		
		1980	1985	1990	2000
1	City/Town	14.0	16.0	19.0	26.0
	Rural	143.0	155.0	164.0	171.0
	Total	157.0	171.0	183.0	197.0
2	Rural	31.0	34.0	36.0	38.0
3	City/Town	106.0	117.0	132.0	169.0
	Rural	530.0	572.0	601.0	625.0
	Total	636.0	689.0	733.0	794.0
4	City/Town	49.0	55.0	62.0	79.0
	Rural	82.7	89.6	94.9	98.6
	Total	131.7	144.6	156.9	177.6
5	City/Town	4.0	7.0	9.0	14.0
	Rural	307.1	322.2	329.8	334.6
	Total	311.1	329.2	338.8	348.6
6	City/Town	162.0	182.0	205.0	248.0
	Rural	331.2	375.2	392.3	367.8
	Total	493.2	557.2	597.3	615.8
7	City/Town	347.0	352.0	368.0	422.0
	Rural	159.0	191.0	205.0	187.0
	Total	506.0	543.0	573.0	609.0
8	Rural	48.2	48.3	48.3	47.1
9	City/Town	169.0	215.0	258.0	326.0
	Rural	409.8	401.7	402.7	471.9
	Total	578.8	616.7	660.7	797.9
10	City/Town	482.0	511.0	551.0	647.0
	Rural	695.8	727.1	715.1	567.4
	Total	1,177.8	1,238.1	1,266.1	1,214.4
11	Rural	244.3	251.7	252.0	224.4
12	Rural	25.8	26.5	26.7	25.6

Table 62 HISTORICAL AND PROJECTED POPULATION BY BASIN
IN PENINSULAR MALAYSIA FOR CASE 1 (2/4)

Unit: 10³

Basin No.	City/Town Rural	Estimated	Projected		
		1980	1985	1990	2000
13	City/Town	11.0	12.0	13.0	16.0
	Rural	192.8	228.9	242.9	186.7
	Total	203.8	240.9	255.9	202.7
14	City/Town	6.0	7.0	9.0	13.0
	Rural	54.8	57.3	58.0	54.4
	Total	60.8	64.3	67.0	67.4
15	City/Town	1,497.0	1,862.0	2,364.0	3,763.0
	Rural	294.0	345.2	363.6	285.7
	Total	1,791.0	2,207.2	2,727.6	4,048.7
16	City/Town	42.0	48.0	55.0	72.0
	Rural	297.8	352.9	376.1	302.3
	Total	339.8	400.9	431.1	374.3
17	City/Town	26.0	34.0	43.0	64.0
	Rural	64.8	67.2	68.8	66.8
	Total	90.8	101.2	111.8	130.8
18	City/Town	145.0	175.0	210.0	290.0
	Rural	175.7	172.6	175.2	195.9
	Total	320.7	347.6	385.2	485.9
19	City/Town	132.0	135.0	143.0	165.0
	Rural	239.6	261.3	271.0	260.6
	Total	371.6	396.3	414.0	425.6
20	City/Town	14.0	15.0	16.0	19.0
	Rural	95.6	97.5	98.4	97.7
	Total	109.6	112.5	114.4	116.7
21	City/Town	144.0	163.0	188.0	249.0
	Rural	407.5	419.0	417.6	380.4
	Total	551.5	582.0	605.6	629.4
22	City/Town	81.0	89.0	100.0	128.0
	Rural	269.5	282.9	286.8	267.6
	Total	350.5	371.9	386.8	395.6

Table 63

HISTORICAL AND PROJECTED POPULATION BY BASIN
IN PENINSULAR MALAYSIA FOR CASE 1 (3/4)Unit: 10³

Basin No.	City/Town Rural	Estimated	Projected		
		1980	1985	1990	2000
23	City/Town	344.0	446.0	572.0	901.0
	Rural	210.0	215.9	217.1	208.7
	Total	554.0	661.9	789.1	1,109.7
24	City/Town	22.0	28.0	34.0	54.0
	Rural	114.4	132.5	138.4	112.0
	Total	136.4	160.5	172.4	166.0
25	Rural	46.6	56.6	59.9	45.4
26	City/Town	15.0	19.0	25.0	41.0
	Rural	8.7	9.0	9.0	8.7
	Total	23.7	28.0	34.0	49.7
27	City/Town	55.0	79.0	90.0	107.0
	Rural	102.7	109.7	110.3	90.8
	Total	157.7	188.7	200.3	197.8
28	City/Town	31.0	107.0	142.0	164.0
	Rural	65.4	27.9	6.0	3.9
	Total	96.4	134.9	148.0	167.9
29	City/Town	1.0	8.0	9.0	12.0
	Rural	24.0	10.2	2.2	1.4
	Total	25.0	18.2	11.2	13.4
30	City/Town	157.0	193.0	276.0	321.0
	Rural	438.8	477.2	473.0	455.9
	Total	595.8	670.2	749.0	776.9
31	City/Town	145.0	224.0	333.0	653.0
	Rural	27.3	18.9	16.9	15.6
	Total	172.3	242.9	349.9	668.6
32	City/Town	17.0	19.0	22.0	28.0
	Rural	53.0	58.0	69.0	53.0
	Total	70.0	77.0	91.0	81.0

Table 64 HISTORICAL AND PROJECTED POPULATION BY BASIN
IN PENINSULAR MALAYSIA FOR CASE 1 (4/4)

Unit: 10³

Basin No.	City/Town Rural	Estimated	Projected		
		1980	1985	1990	2000
33	Rural	10.9	9.6	5.3	1.0
34	City/Town	32.0	40.0	52.0	84.0
	Rural	22.1	19.4	10.7	2.0
	Total	54.1	59.4	62.7	86.0
35	Rural	30.2	32.3	37.7	35.2
36	City/Town	204.0	288.0	387.0	628.0
	Rural	98.8	86.7	64.4	43.8
	Total	302.8	374.7	451.4	671.8
37	Rural	41.8	43.7	43.7	25.8
38	Rural	68.2	71.3	71.3	42.2
39	City/Town	52.0	61.0	72.0	101.0
	Rural	214.6	217.5	218.8	216.0
	Total	266.6	278.5	290.8	317.0
40	City/Town	227.0	309.0	411.0	671.0
	Rural	327.5	344.8	347.3	300.4
	Total	554.5	653.8	758.3	971.4
41	City/Town	5.0	7.0	8.0	12.0
	Rural	106.0	113.7	114.8	91.7
	Total	111.0	120.7	122.8	103.7
Total for Peninsular Malaysia					
	City/Town	4,738.0	5,823.0	7,178.0	10,487.0
	Rural	7,111.0	7,534.0	7,642.0	7,010.0
	Total	11,849.0	13,357.0	14,820.0	17,497.0

Table 65 HISTORICAL AND PROJECTED POPULATION BY BASIN
IN PENINSULAR MALAYSIA FOR CASE 2 (1/4)

Unit: 10³

Basin No.	City/Town Rural	Estimated	Projected		
		1980	1985	1990	2000
1	City/Town	14.0	16.0	18.0	22.0
	Rural	143.0	156.0	166.0	181.0
	Total	157.0	172.0	184.0	203.0
2	Rural	31.0	34.0	37.0	40.0
3	City/Town	106.0	116.0	126.0	139.0
	Rural	530.0	573.0	610.0	657.0
	Total	636.0	689.0	736.0	796.0
4	City/Town	49.0	54.0	59.0	66.0
	Rural	82.7	90.1	95.9	103.9
	Total	131.7	144.1	154.9	169.9
5	City/Town	4.0	6.0	8.0	11.0
	Rural	307.1	322.7	333.6	346.1
	Total	311.1	328.7	341.6	357.1
6	City/Town	162.0	180.0	193.0	205.0
	Rural	331.2	377.2	407.4	425.0
	Total	493.2	557.2	600.4	630.0
7	City/Town	347.0	347.0	349.0	350.0
	Rural	159.0	193.0	217.0	231.0
	Total	506.0	540.0	566.0	581.0
8	Rural	48.2	48.3	48.4	48.4
9	City/Town	169.0	213.0	244.0	270.0
	Rural	409.8	400.7	396.6	394.6
	Total	578.8	613.7	640.6	664.6
10	City/Town	473.0	496.0	512.0	527.0
	Rural	704.8	743.0	767.4	787.1
	Total	1,177.8	1,239.0	1,279.4	1,314.1
11	Rural	244.3	252.9	258.0	261.6
12	Rural	25.8	26.5	26.9	27.1

Table 66 HISTORICAL AND PROJECTED POPULATION BY BASIN
IN PENINSULAR MALAYSIA FOR CASE 2 (2/4)

Unit: 10³

Basin No.	City/Town Rural	Estimated	Projected		
		1980	1985	1990	2000
13	City/Town	11.0	12.0	12.0	13.0
	Rural	192.8	234.2	274.6	348.2
	Total	203.8	246.2	286.6	361.2
14	City/Town	6.0	7.0	9.0	11.0
	Rural	54.8	57.5	59.3	61.3
	Total	60.8	64.5	68.3	72.3
15	City/Town	1,497.0	1,844.0	2,237.0	3,120.0
	Rural	294.0	351.9	407.6	505.9
	Total	1,791.0	2,195.9	2,644.6	3,625.9
16	City/Town	42.0	47.0	51.0	60.0
	Rural	297.8	359.6	422.4	538.9
	Total	339.8	406.6	473.4	598.9
17	City/Town	26.0	33.0	41.0	53.0
	Rural	64.8	67.2	69.1	71.4
	Total	90.8	100.2	110.1	124.4
18	City/Town	145.0	173.0	198.0	240.0
	Rural	175.7	171.5	167.9	164.2
	Total	320.7	344.5	365.9	404.2
19	City/Town	132.0	134.0	135.0	138.0
	Rural	239.6	262.4	278.6	290.0
	Total	371.6	396.4	413.6	428.0
20	City/Town	14.0	15.0	15.0	16.0
	Rural	95.6	97.6	99.5	100.7
	Total	109.6	112.6	114.5	116.7
21	City/Town	144.0	159.0	177.0	207.0
	Rural	407.5	421.9	432.5	445.5
	Total	551.5	580.9	609.5	652.5
22	City/Town	81.0	88.0	94.0	106.0
	Rural	269.5	284.7	296.2	314.4
	Total	350.5	372.7	390.2	420.4

Table 67 HISTORICAL AND PROJECTED POPULATION BY BASIN
IN PENINSULAR MALAYSIA FOR CASE 2 (3/4)

Unit: 10³

Basin No.	City/Town Rural	Estimated	Projected		
		1980	1985	1990	2000
23	City/Town	337.0	432.0	533.0	736.0
	Rural	214.7	221.0	227.1	237.1
	Total	551.7	653.0	760.1	973.1
24	City/Town	22.0	28.0	33.0	44.0
	Rural	116.6	137.2	155.4	183.9
	Total	138.6	165.2	188.4	227.9
25	Rural	46.6	57.9	67.9	83.4
26	City/Town	15.0	19.0	24.0	34.0
	Rural	8.7	9.0	9.3	9.3
	Total	23.7	28.0	33.3	43.3
27	City/Town	55.0	76.0	84.0	90.0
	Rural	102.7	112.5	123.5	145.5
	Total	157.7	188.5	207.5	235.5
28	City/Town	31.0	97.0	129.0	149.0
	Rural	65.4	35.1	18.6	31.8
	Total	96.4	132.1	147.6	180.8
29	City/Town	1.0	7.0	8.0	11.0
	Rural	24.0	12.9	6.8	11.7
	Total	25.0	19.9	14.8	22.7
30	City/Town	157.0	185.0	255.0	277.0
	Rural	438.9	500.6	528.0	667.3
	Total	595.9	685.6	783.0	944.3
31	City/Town	145.0	222.0	316.0	541.0
	Rural	27.3	18.9	16.3	13.7
	Total	172.3	240.9	332.3	554.7
32	City/Town	17.0	19.0	21.0	24.0
	Rural	53.0	53.0	51.0	42.0
	Total	70.0	72.0	72.0	66.0

Table 68 HISTORICAL AND PROJECTED POPULATION BY BASIN
IN PENINSULAR MALAYSIA FOR CASE 2 (4/4)

Unit: 10³

Basin No.	City/Town Rural	Estimated	Projected		
		1980	1985	1990	2000
33	Rural	10.9	10.9	11.2	12.5
34	City/Town	32.0	40.0	49.0	69.0
	Rural	22.1	22.1	22.8	25.5
	Total	54.1	62.1	71.8	94.5
35	Rural	30.2	30.2	29.2	25.9
36	City/Town	204.0	285.0	366.0	520.0
	Rural	98.8	98.8	104.9	129.1
	Total	302.8	383.8	470.9	649.1
37	Rural	41.8	41.8	40.7	36.5
38	Rural	68.2	68.2	66.3	59.5
39	City/Town	52.0	59.0	68.0	83.0
	Rural	214.6	218.2	222.5	229.1
	Total	266.6	277.2	290.5	312.1
40	City/Town	227.0	306.0	391.0	556.0
	Rural	329.1	348.9	365.3	386.1
	Total	556.1	654.9	756.3	942.1
41	Rural	109.4	118.9	126.3	135.8
Total for Peninsular Malaysia					
	City/Town	4,717.0	5,715.0	6,755.0	8,688.0
	Rural	7,132.0	7,642.0	8,065.0	8,809.0
	Total	11,849.0	13,357.0	14,820.0	17,497.0

Table 69 HISTORICAL AND PROJECTED POPULATION
BY BASIN IN SABAH FOR CASE 1 (1/2)

Unit: 10³

Basin No.	City No.	City/Town Rural	Estimated	Projected		
			1980	1985	1990	2000
201		Rural	10.3	11.4	12.6	13.7
202		Rural	15.5	18.9	22.6	26.4
203		Rural	18.5	22.7	27.1	31.7
204		Rural	10.1	12.4	14.8	17.3
205		Rural	7.6	9.3	11.1	13.0
206		Rural	7.6	9.3	11.1	13.0
207	201	Tawau	50.0	62.0	82.0	150.0
		Rural	11.8	14.4	17.2	20.2
		Total	61.8	76.4	99.2	170.2
208	202	Semporna	6.0	7.0	9.0	15.0
		Rural	74.8	92.6	111.6	131.7
		Total	80.8	99.6	120.6	146.7
209	203	Lahad Datu	18.0	26.0	38.0	84.0
		Rural	13.8	15.9	17.9	19.9
		Total	31.8	41.9	55.9	103.9
210		Rural	24.5	28.2	31.9	35.6
211		Rural	35.2	41.5	48.0	54.2
212	204	Sandakan	81.0	99.0	127.0	222.0
		Rural	46.2	50.9	54.8	58.6
		Total	127.2	149.9	181.8	280.6
213	205	Ranau	5.0	7.0	9.0	19.0
		Rural	44.5	47.7	49.6	51.8
		Total	49.5	54.7	58.6	70.8
214		Rural	19.4	20.6	21.6	22.4
215		Rural	6.5	6.8	7.0	7.4
216		Rural	25.9	27.3	30.0	31.4

Table 70 HISTORICAL AND PROJECTED POPULATION
BY BASIN IN SABAH FOR CASE 1 (2/2)

Unit: 10³

Basin No.	City No.	City/Town Rural	Estimated	Projected		
			1980	1985	1990	2000
217	206	Kudat	12.0	16.0	21.0	43.0
		Rural	58.1	60.7	65.0	67.6
		Total	70.1	76.7	86.0	110.6
218	207	Kota Belud	5.0	7.0	9.0	18.0
		Rural	46.0	49.0	52.0	54.0
		Total	51.0	56.0	61.0	72.0
219		Rural	55.8	58.9	62.2	64.5
220	208	Kota Kinabalu	71.0	97.0	134.0	271.0
		Rural	77.8	95.5	114.9	135.4
		Total	148.8	192.5	248.9	406.4
221	209	Papar	6.0	8.0	12.0	25.0
		Rural	43.2	46.4	49.7	52.4
		Total	49.2	54.4	61.7	77.4
222		Rural	14.3	15.2	15.2	15.6
223		Rural	18.1	19.1	19.4	20.4
224	210	Keningau	5.0	6.0	8.0	16.0
		Rural	109.0	119.6	128.7	134.6
		Total	114.0	125.6	136.7	150.6
225	211	Labuan	19.0	29.0	41.0	93.0
		Rural	10.0	11.0	11.0	12.0
		Total	29.0	40.0	52.0	105.0
226		Rural	15.3	15.8	16.4	17.2
201	Total for Sabah					
226		City/Town	278.0	364.0	490.0	956.0
		Rural	819.8	921.1	1,023.4	1,122.0
		Total	1,097.8	1,285.1	1,513.4	2,078.0

Table 71 HISTORICAL AND PROJECTED POPULATION
BY BASIN IN SARAWAK FOR CASE 1 (1/2)

Unit: 10³

Basin No.	City No.	City/Town Rural	Estimated	Projected		
			1980	1985	1990	2000
227		Rural	5.6	6.2	6.7	7.3
228		Rural	14.4	15.8	17.3	18.7
229	212	Limbang	8.0	11.0	15.0	28.0
		Rural	18.0	20.0	22.0	24.0
		Total	26.0	31.0	37.0	52.0
230	213	Marudi	7.0	8.0	11.0	20.0
		Rural	49.3	59.3	69.3	77.3
		Total	56.3	67.3	80.3	97.3
231	214	Miri	55.0	70.0	94.0	177.0
		Rural	7.4	10.4	13.8	16.8
		Total	62.4	80.4	107.8	193.8
232		Rural	8.7	12.4	16.3	20.0
233		Rural	12.4	17.5	23.2	28.4
234		Rural	13.3	18.9	24.9	30.5
235		Rural	5.6	6.8	8.1	9.3
236	215	Bintulu	17.0	26.0	34.0	51.0
		Rural	20.6	23.0	25.5	27.9
		Total	37.6	49.0	59.5	78.9
237		Rural	17.6	19.7	21.8	23.9
238		Rural	17.6	20.1	22.5	24.0
239		Rural	18.4	20.9	22.5	25.0
240		Rural	23.0	26.0	28.0	31.0
241	216	Sibu	88.0	117.0	164.0	331.0
	217	Sarikei	13.0	19.0	28.0	62.0
		Rural	259.5	272.4	298.6	315.9
		Total	360.5	408.4	490.6	708.9
242		Rural	36.0	39.0	43.0	45.0

Table 72 HISTORICAL AND PROJECTED POPULATION
BY BASIN IN SARAWAK FOR CASE 1 (2/2)

Unit: 10³

Basin No.	City No.	City/Town Rural	Estimated	Projected		
			1980	1985	1990	2000
243		Rural	42.0	46.0	49.0	52.0
244		Rural	84.0	91.0	97.0	101.0
245	218	Serian	4.0	6.0	8.0	17.0
		Rural	101.7	113.9	125.1	135.3
		Total	105.7	119.9	133.1	152.3
246	219	Kuching	175.0	218.0	281.0	497.0
		Rural	169.3	197.1	210.0	253.7
		Total	344.3	415.1	491.0	750.7
247		Rural	23.0	26.0	29.0	32.0
227	Total for Sarawak					
247		City/Town	367.0	475.0	635.0	1,183.0
		Rural	947.4	1,062.4	1,174.6	1,299.0
		Total	1,314.4	1,537.4	1,809.6	2,482.0

Table 73 HISTORICAL AND PROJECTED POPULATION
BY BASIN IN SABAH FOR CASE 2 (1/2)

Unit: 10³

Basin No.	City No.	City/Town Rural	Estimated	Projected		
			1980	1985	1990	2000
201		Rural	10.3	11.5	12.6	15.8
202		Rural	15.5	19.1	23.5	33.0
203		Rural	18.5	22.9	28.2	39.6
204		Rural	10.1	12.5	15.4	21.6
205		Rural	7.6	9.4	11.5	16.2
206		Rural	7.6	9.4	11.5	16.2
207	201	Tawau	50.0	61.0	77.0	124.0
		Rural	11.8	14.6	17.9	25.2
		Total	61.8	75.6	94.9	149.2
208	202	Semporna	6.0	7.0	9.0	13.0
		Rural	74.8	93.8	116.5	166.6
		Total	80.8	100.8	125.5	179.6
209	203	Lahad Datu	18.0	25.0	36.0	69.0
		Rural	13.8	15.9	18.3	23.0
		Total	31.8	40.9	54.3	92.0
210		Rural	24.5	28.2	32.6	41.4
211		Rural	35.2	41.6	50.1	65.5
212	204	Sandakan	81.0	98.0	120.0	184.0
		Rural	46.2	50.9	55.7	63.5
		Total	127.2	148.9	175.7	247.5
213	205	Ranau	5.0	7.0	9.0	16.0
		Rural	44.5	47.7	50.6	54.8
		Total	49.5	54.7	59.6	70.8
214		Rural	19.4	20.6	21.8	23.8
215		Rural	6.5	6.8	7.2	7.6
216		Rural	25.9	27.6	30.0	33.8

Table 74 HISTORICAL AND PROJECTED POPULATION
BY BASIN IN SABAH FOR CASE 2 (2/2)

Unit: 10³

Basin No.	City No.	City/Town Rural	Estimated	Projected		
			1980	1985	1990	2000
217	206	Kudat	12.0	15.0	20.0	35.0
		Rural	58.1	62.4	65.0	70.2
		Total	70.1	77.4	85.0	105.2
218	207	Kota Belud	5.0	7.0	9.0	15.0
		Rural	46.0	49.0	52.0	56.0
		Total	51.0	56.0	61.0	71.0
219		Rural	55.8	59.1	62.2	67.9
220	208	Kota Kinabalu	71.0	96.0	127.0	225.0
		Rural	77.8	96.9	121.0	170.5
		Total	148.8	192.9	248.0	395.5
221	209	Papar	6.0	8.0	11.0	21.0
		Rural	43.2	46.9	50.6	56.5
		Total	49.2	54.9	61.6	77.5
222		Rural	14.3	15.2	15.2	16.1
223		Rural	18.1	19.1	19.8	20.8
224	210	Keningau	5.0	6.0	8.0	14.0
		Rural	109.0	118.2	131.5	149.9
		Total	114.0	124.2	139.5	163.9
225	211	Labuan	19.0	29.0	39.0	77.0
		Rural	10.0	11.0	11.0	12.0
		Total	29.0	40.0	50.0	89.0
226		Rural	15.3	15.8	16.7	17.5
201	Total for Sabah					
226		City/Town	278.0	359.0	465.0	793.0
		Rural	819.8	926.1	1,048.4	1,285.0
		Total	1,097.8	1,285.1	1,513.4	2,078.0

Table 75 HISTORICAL AND PROJECTED POPULATION
BY BASIN IN SARAWAK FOR CASE 2 (1/2)

Unit: 10³

Basin No.	City No.	City/Town Rural	Estimated	Projected		
			1980	1985	1990	2000
227		Rural	5.6	6.4	7.0	7.8
228		Rural	14.4	16.6	18.0	20.2
229	212	Limbang	8.0	11.0	14.0	23.0
		Rural	18.0	20.0	22.0	27.0
		Total	26.0	31.0	36.0	50.0
230	213	Marudi	7.0	8.0	10.0	17.0
		Rural	49.3	59.3	70.4	95.3
		Total	56.3	67.3	80.4	112.3
231	214	Miri	55.0	69.0	89.0	147.0
		Rural	7.4	10.4	14.2	23.4
		Total	62.4	79.4	103.2	170.4
232		Rural	8.7	12.4	16.9	27.7
233		Rural	12.4	17.5	24.0	39.4
234		Rural	13.3	18.9	25.8	42.3
235		Rural	5.6	6.9	8.3	11.6
236	215	Bintulu	17.0	25.0	33.0	43.0
		Rural	20.6	23.5	26.0	31.4
		Total	37.6	48.5	59.0	74.4
237		Rural	17.6	20.2	22.3	26.9
238		Rural	17.6	20.1	22.5	27.4
239		Rural	18.4	20.9	23.5	28.6
240		Rural	23.0	26.0	29.0	35.0
241	216	Sibu	88.0	116.0	156.0	275.0
	217	Sarikei	13.0	18.0	26.0	52.0
		Rural	259.5	275.3	299.7	346.9
		Total	360.5	409.3	481.7	673.9
242		Rural	36.0	40.0	43.0	49.0

Table 76 HISTORICAL AND PROJECTED POPULATION
BY BASIN IN SARAWAK FOR CASE 2 (2/2)

Unit: 10³

Basin No.	City No.	City/Town Rural	Estimated	Projected		
			1980	1985	1990	2000
243		Rural	42.0	46.0	50.0	57.0
244		Rural	84.0	91.0	98.0	108.0
245	218	Serian	4.0	6.0	8.0	14.0
		Rural	101.7	113.9	126.1	151.8
		Total	105.7	119.9	134.1	165.8
246	219	Kuching	175.0	215.0	266.0	412.0
		Rural	169.3	198.1	231.9	305.3
		Total	344.3	413.1	497.9	717.3
247		Rural	23.0	26.0	29.0	37.0
227	Total for Sarawak					
247		City/Town	367.0	468.0	602.0	983.0
		Rural	947.4	1,069.4	1,207.6	1,499.0
		Total	1,314.4	1,537.4	1,809.6	2,482.0

Table 77 PROJECTION OF PER CAPITA GDP AND PER CAPITA GRP FOR 1985 - 2000 (IN FACTOR COST AT 1970 PRICES) FOR CASE 1

Unit: M\$10³

State	1980	Projected				Average Annual Growth Rate (%) 1980 - 2000
		1985	1990	1995	2000	
Johor	1.6769	2.1776	2.9551	3.8921	5.0959	5.71
Kedah/Perlis	1.0694	1.4669	2.0914	2.9775	4.2128	7.10
Kelantan	0.81834	1.3917	2.0844	2.9844	4.2200	8.55
Melaka	1.4271	1.8289	2.5603	3.5052	4.7437	6.19
Negeri Sembilan	1.7653	2.2725	3.1331	4.1254	5.3474	5.70
Pahang	1.4430	2.4821	3.5485	4.5590	5.7385	7.15
Perak	1.5373	1.9671	2.6971	3.6267	4.8461	5.91
Pulau Pinang	2.2891	2.8243	3.8521	4.9316	6.1561	5.07
Selangor	3.0850	3.3940	4.1089	4.9787	6.0790	3.45
Trengganu	1.2775	1.9934	2.8607	3.8243	5.0387	7.10
Peninsular	1.8319	2.3460	3.1529	4.1064	5.3130	5.47
Sabah	1.7708	2.1531	2.7138	3.5189	4.6699	4.97
Sarawak	1.3131	1.7107	2.2254	3.0170	4.1906	5.97
Malaysia	1.7794	2.2703	3.0238	3.9389	5.1262	5.43

Table 78 PROJECTION OF GDP AND STATE GRP OF THE WHOLE MALAYSIA FOR 1985 - 2000 (IN FACTOR COST AT 1970 PRICES) FOR CASE 1

Unit: M\$10⁶

State	1980	Projected				Average Annual Growth Rate (%) 1980 - 2000
		1985	1990	1995	2000	
Johor	2,857	4,162	6,245	8,919	12,673	7.73
Kedah/Perlis	1,422	2,103	3,177	4,711	6,901	8.22
Kelantan	764	1,465	2,439	3,805	5,870	10.73
Melaka	688	930	1,347	1,876	2,554	6.78
Negeri Sembilan	1,059	1,471	2,159	2,981	4,041	6.93
Pahang	1,183	2,491	4,265	6,348	9,281	10.85
Perak	2,882	3,891	5,528	7,579	10,224	6.54
Pulau Pinang	2,220	3,011	4,364	5,748	7,208	6.07
Selangor	7,894	10,478	15,023	20,921	29,459	6.81
Trengganu	737	1,333	2,179	3,238	4,751	9.77
Peninsular	21,706	31,335	46,726	66,126	92,962	7.54
Sabah	1,944	2,767	4,107	6,239	9,704	8.37
Sarawak	1,726	2,630	4,027	6,393	10,401	9.40
Malaysia	25,376	36,732	54,860	78,758	113,068	7.76

Table 79 PROJECTION OF PER CAPITA GDP AND PER CAPITA GRP FOR 1985 - 2000 (IN FACTOR COST AT 1970 PRICES) FOR CASE 2

Unit: M\$10³

State	1980	Projected				Average Annual Growth Rate (%) 1980 - 2000
		1985	1990	1995	2000	
Johor	1.6767	2.1028	2.5373	2.9676	3.4501	3.67
Kedah/Perlis	1.0694	1.4125	1.7418	2.0996	2.5487	4.44
Kelantan	0.81834	1.3223	1.7127	2.0934	2.5521	5.85
Melaka	1.4271	1.7640	2.1574	2.5691	3.0572	3.88
Negeri Sembilan	1.7653	2.1906	2.6731	3.1414	3.6628	3.72
Pahang	1.4430	2.3555	3.0227	3.5572	4.0994	5.36
Perak	1.5373	1.9004	2.2980	2.7050	3.1853	3.71
Pulau Pinang	2.2891	2.7249	3.3110	3.8609	4.4411	3.37
Selangor	3.0850	3.3302	3.7142	4.1120	4.5660	1.98
Trengganu	1.2775	1.9007	2.4117	2.8700	3.3747	4.98
Peninsular	1.8319	2.2708	2.7328	3.1820	3.6908	3.56
Sabah	1.7708	2.1026	2.3986	2.7186	3.1242	2.88
Sarawak	1.3131	1.6638	1.9330	2.2312	2.6249	3.52
Malaysia	1.7794	2.1998	2.6251	3.0402	3.5175	3.47

Table 80 PROJECTION OF GDP AND STATE GRP OF THE WHOLE MALAYSIA FOR 1985 - 2000 (IN FACTOR COST AT 1970 PRICES) FOR CASE 2

Unit: M\$10⁶

State	1980	Projected				Average Annual Growth Rate (%) 1980 - 2000
		1985	1990	1995	2000	
Johor	2,857	4,019	5,362	6,789	8,580	5.65
Kedah/Perlis	1,422	2,025	2,646	3,322	4,175	5.53
Kelantan	764	1,392	2,004	2,669	3,550	7.98
Melaka	688	897	1,135	1,375	1,646	4.46
Negeri Sembilan	1,059	1,418	1,842	2,270	2,768	4.92
Pahang	1,183	2,364	3,633	4,953	6,630	9.00
Perak	2,882	3,759	4,710	5,653	6,720	4.32
Pulau Pinang	2,220	2,905	3,751	4,500	5,200	4.34
Selangor	7,894	10,281	13,580	17,279	22,127	5.29
Trengganu	737	1,271	1,837	2,430	3,182	7.59
Peninsular	21,706	30,331	40,500	51,240	64,578	5.60
Sabah	1,944	2,702	3,630	4,820	6,492	6.21
Sarawak	1,726	2,558	3,498	4,728	6,515	6.87
Malaysia	25,376	35,591	47,628	60,788	77,585	5.75

Table 81 PROJECTION OF GROSS VALUE ADDED IN MANUFACTURING SECTOR (AT 1970 PRICES) FOR CASE 1

Unit: M\$10⁶

State	1980	Projected				2000	Average Annual Growth Rate (%) 1980 - 2000
		1985	1990	1995			
Johor	679	1,195	2,045	3,188.7	4,857	10.34	
Kedah/Perlis	110	229	421	842.8	1,631.2	14.43	
Kelantan	41	131	261	606.9	1,307.6	18.90	
Melaka	90	161	278	455.2	721.9	10.97	
Negeri Sembilan	200	352	605	928.7	1,374.4	10.12	
Pahang	191	725	1,469	2,374.7	3,683.0	15.95	
Perak	511	941	1,622	2,508.3	3,708.8	10.42	
Pulau Pinang	825	1,267	2,009	2,740.4	3,498.9	7.49	
Selangor	2,462	3,565	5,559	8,010.4	11,506.0	8.01	
Trengganu	50	126	248	495.3	952.6	15.88	
Peninsular	5,159	8,692	14,517	22,151.0	33,242.0	9.76	
Sabah	45	97	182	437.5	1,129.8	17.49	
Sarawak	170	253	422	888.6	2,014.2	13.16	
Malaysia	5,374	9,042	15,121	23,478.0	36,386.0	10.04	

Table 82 PROJECTION OF SHARE OF MANUFACTURING SECTOR IN GDP FOR CASE 1

State	1980	1985	1990	1995	2000
Johor	.23766	.28712	.32746	.35752	.38326
Kedah/Perlis	.07736	.10889	.13251	.17890	.23637
Kelantan	.05366	.08942	.10701	.15950	.22276
Melaka	.13081	.17312	.20638	.24264	.28265
Negeri Sembilan	.18886	.23929	.28022	.31154	.34011
Pahang	.16145	.29105	.34443	.37409	.39683
Perak	.17731	.24184	.29342	.33095	.36275
Pulau Pinang	.37162	.42079	.46036	.47676	.48542
Selangor	.31188	.34024	.37003	.38289	.39058
Trengganu	.06784	.09452	.11381	.15296	.20051
Peninsular	.23768	.27739	.31068	.33499	.35758
Sabah	.02315	.03506	.04431	.07012	.11643
Sarawak	.09849	.09620	.10479	.13900	.19365
Malaysia	.21177	.24616	.27563	.29810	.32180

Table 83 PROJECTION OF GROSS VALUE ADDED IN MANUFACTURING SECTOR (AT 1970 PRICES) FOR CASE 2

Unit: M\$10⁶

State	1980	1985	1990	1995	2000	Average Annual Growth Rate (%) 1980 - 2000
Johor	679	1,132	1,654.9	2,225.1	2,959	7.64
Kedah/Perlis	110	217	311.4	441.5	651.6	9.30
Kelantan	41	126.4	183.8	286.8	474.9	13.03
Melaka	90	151.5	215.2	284.3	371.9	7.35
Negeri Sembilan	200	331.3	481.2	636.8	825.2	7.34
Pahang	191	666.2	1,171	1,707.5	2,401.2	13.49
Perak	511	882.2	1,269.9	1,661	2,118.5	7.37
Pulau Pinang	825	1,202.8	1,667.7	2,072.5	2,448.7	5.59
Selangor	2,462	3,449.8	4,856	6,395	8,396.5	6.33
Trengganu	50	120	184	277.4	426.8	11.32
Peninsular	5,159	8,279.2	11,995	15,988	21,074	7.29
Sabah	45	92.8	139.2	214.1	363.3	11.01
Sarawak	170	246.5	341.6	496.4	785.5	7.95
Malaysia	5,374	8,618.5	12,476	16,698	22,223	7.36

Table 84 PROJECTION OF SHARE OF MANUFACTURING SECTOR IN GDP FOR CASE 2

State	1980	1985	1990	1995	2000
Johor	.23766	.28166	.30863	.32775	.34487
Kedah/Perlis	.07736	.10716	.11769	.13290	.15607
Kelantan	.05366	.09080	.09172	.10746	.13377
Melaka	.13081	.16890	.18960	.20676	.22594
Negeri Sembilan	.18886	.23364	.26124	.28053	.29812
Pahang	.16145	.28181	.32232	.34474	.36217
Perak	.17731	.23469	.26962	.29383	.31525
Pulau Pinang	.37162	.41404	.44460	.46056	.47090
Selangor	.31188	.33555	.35758	.37010	.37947
Trengganu	.06784	.09441	.10016	.11416	.13413
Peninsular	.23768	.27296	.29618	.31202	.32634
Sabah	.02315	.03434	.03835	.04442	.05596
Sarawak	.09849	.09636	.09766	.10499	.12057
Malaysia	.21177	.24215	.26194	.27470	.28644

Table 85 OUTPUT AND VALUE ADDED BY LARGE SCALE INDUSTRIES

Unit: M\$10⁶

Commodity	State	Production Capacity per Year Quantities	Gross Value		Stagewise Target of Value Added			
			Output	Added	1985	1990	1995	2000
Vasic Metal Products	Trengganu (Kemaman District)	.Steel billets ¹⁾ 559 x 10 ³ tons	483	156	Case 1 23	78	156	156
		.Steel coils ²⁾ 600 x 10 ³ tons	483	156	Case 2 23	55	94	156
	Sabah (Labuan District)	.Sponge iron ³⁾ 80 x 10 ³ tons						
		.Sponge iron ⁴⁾ 700 x 10 ³ tons	297	96	Case 1 14	48	96	96
Petro-chemical Products	Sabah (Labuan District)	.Methanol & LPG ⁵⁾ 700 x 10 ³ tons	237	52	Case 1 8	26	52	52
					Case 2 8	18	31	52
	Sarawak (Bintulu District)	.LNG ⁶⁾ 6,000 x 10 ³ tons	1,380	} 427	Case 1 64	214	427	427
		.Urea/Ammonia ⁶⁾ Urea: 1,500 t/day Ammo: 1,000 t/day	570		Case 2 64	149	256	427

Remarks; Price : Constant price of 1970

- Unit price:
- Sponge iron - based upon the export price by Malayawata in 1978, M\$625/t.
 - Petroleum gas - based upon the export price from Kuwait in 1981, US\$258/t.
 - Urea - based upon the international market price, average of 1970 to 1974, US\$285/t, by Price Prospects for Major Primary Commodities, Jan. 1980, World Bank.
 - LNG - based upon the export price of Brunei in 1980, which was US\$253/t being adjusted at 1970 constant price by the growth rate of international price of petroleum:

Average price in 1970 - 1974: US\$9.7/barrel
Average price in 1980 : US\$28.0/barrel

Source; 1), 2) and 3): Ref. 61
4) and 5) : Ref. 62
6) : Ref. 63

Table 86 ESTIMATION OF SHARE OF 11 COMMODITY GROUPS
IN MANUFACTURING SECTOR IN PENINSULAR MALAYSIA
IN 1980 AND 1985

Commodity Group	Share			Average Annual Growth Rate/ ²
	1974/ ¹	1980/ ³	1985/ ⁴	1981 - 1985 (% p.a.)
Food	0.235	0.222	0.192	7.5
Textile	0.053	0.076	0.067	8.0
Wood	0.109	0.108	0.096	8.0
Paper	0.010	0.012	0.014	13.9
Publishing	0.052	0.064	0.074	14.0
Chemical	0.104	0.099	0.105	11.7
Rubber	0.128	0.085	0.090	12.0
Non Metal	0.052	0.058	0.059	11.3
Basic Metal	0.035	0.033	0.035	11.8
Machinery	0.218	0.239	0.263	12.7
Others	0.003	0.004	0.006	20.0
Total	1.000	1.000	1.000	10.6

- Remarks; ¹: Source: Ref. 32
- ²: Source: Ref. 5, p. 252 adjusted by the classification adopted in this Study
- ³: Estimated based on the shares in Industrial Survey in 1974, those for 1975 available in 4MP (p. 294) and the growth rate of the shares for 1971 - 1980 available in 4MP (p. 294)
- ⁴: Estimated based on 1980 share and the growth rate of the shares for 1981 - 1985 remarked by ²

Table 87 PROJECTED SHARE OF GROSS VALUE ADDED OF
MANUFACTURING SECTOR BY COMMODITY GROUP
IN PENINSULAR MALAYSIA FOR CASE 1

	1980	1985	1990	1995	2000
Food	0.222	0.192	0.154	0.119	0.086
Textile	0.076	0.067	0.055	0.043	0.032
Wood	0.108	0.096	0.079	0.062	0.046
Paper	0.012	0.014	0.017	0.020	0.024
Publishing	0.064	0.074	0.089	0.104	0.121
Chemical	0.099	0.105	0.112	0.118	0.123
Rubber	0.085	0.090	0.096	0.102	0.107
Non Metal	0.058	0.059	0.060	0.061	0.061
Basic Metal	0.033	0.035	0.037	0.038	0.040
Machinery	0.239	0.263	0.294	0.321	0.344
Others	0.004	0.006	0.008	0.012	0.015
Total	1.000	1.000	1.000	1.000	1.000

Remarks; The share was projected by application of historical trend without future large-scale industrial development.

Table 88 PROJECTED SHARE OF GROSS VALUE ADDED OF
MANUFACTURING SECTOR BY COMMODITY GROUP
IN PENINSULAR MALAYSIA FOR CASE 2

	1980	1985	1990	1995	2000
Food	0.222	0.192	0.163	0.139	0.115
Textile	0.076	0.067	0.058	0.050	0.042
Wood	0.108	0.096	0.083	0.072	0.060
Paper	0.012	0.014	0.016	0.018	0.020
Publishing	0.064	0.074	0.085	0.095	0.106
Chemical	0.099	0.105	0.110	0.114	0.118
Rubber	0.085	0.090	0.094	0.098	0.102
Non Metal	0.058	0.059	0.060	0.061	0.061
Basic Metal	0.033	0.035	0.036	0.037	0.039
Machinery	0.239	0.263	0.286	0.305	0.324
Others	0.004	0.006	0.008	0.010	0.012
Total	1.000	1.000	1.000	1.000	1.000

Remarks; The share was projected by application of historical trend without the future large-scale industrial development.

Table 89 PROJECTED GROSS VALUE ADDED OF MANUFACTURING
SECTOR BY STATE BY COMMODITY GROUP IN 1980
(IN FACTOR COST AT 1970 PRICES)

Item	Unit: M\$10 ⁶												Total
	JR	KH/PS	KN	MA	NS	PH	PK	PG	SL	TU	SB	SW	
Food	191	49	12	18	25	37	112	111	578	15	12	27	1,188
Textile	92	0	2	0	1	0	79	134	81	1	0	1	391
Wood	103	27	14	10	46	129	56	19	127	26	14	99	671
Paper	8	0	0	0	0	0	0	9	45	0	0	0	63
Publishing	10	0	2	2	2	1	9	46	259	0	5	7	342
Chemical	46	1	2	5	62	1	28	30	335	2	5	12	529
Rubber	117	27	7	21	28	13	58	36	128	2	2	2	441
Non metal	14	2	0	2	10	4	96	9	159	1	1	6	305
Basic metal	0	0	0	0	2	0	19	90	59	0	0	0	171
Machinery	97	4	1	31	8	5	53	340	690	2	5	16	1,253
Others	1	0	0	0	17	0	1	0	1	0	1	0	21
Total	679	110	41	90	200	191	511	825	2,462	50	45	170	5,374

Remarks; (1): Abbreviations

JR = Johor, KH/PS = Kedah/Perlis, KN = Kelantan, MA = Melaka, PH = Pahang,
PK = Perak, PG = Pulau Pinang, SL = Selangor, TU = Trengganu, SB = Sabah
and SW = Sarawak

(2): The gross values added accrued from large scale industrial development
projects planned in Trengganu, Sabah and Sarawak are included in Tables
90 through 97 i.e. for the period from 1985 to 2000.

Table 90 PROJECTED GROSS VALUE ADDED OF MANUFACTURING
SECTOR BY STATE BY COMMODITY GROUP IN 1985
FOR CASE 1 (IN FACTOR COST AT 1970 PRICES)

Item	Unit: M\$10 ⁶												Total
	JR	KH/PS	KN	MA	NS	PH	PK	PG	SL	TU	SB	SW	
Food	301	104	40	27	37	178	180	127	639	35	21	31	1,718
Textile	160	0	7	0	2	0	139	168	99	4	1	1	580
Wood	106	38	31	9	45	399	57	14	90	39	23	110	961
Paper	22	0	0	0	0	0	1	18	83	0	0	0	123
Publishing	26	1	10	4	4	8	25	88	477	1	7	7	659
Chemical	103	2	11	10	133	7	62	48	524	8	17	77	1,002
Rubber	212	65	26	36	48	71	106	46	162	6	3	3	784
Non metal	28	7	1	4	18	26	193	13	221	2	1	6	522
Basic metal	1	0	0	0	4	0	45	153	97	24	14	0	338
Machinery	234	12	5	70	19	35	130	593	1,169	9	8	17	2,304
Others	2	0	0	0	41	0	3	0	2	0	1	0	30
Total	1,195	229	131	161	352	725	941	1,267	3,565	126	97	253	9,042

Remarks; See Remarks in Table 89.

Table 91 PROJECTED GROSS VALUE ADDED OF MANUFACTURING
SECTOR BY STATE BY COMMODITY GROUP IN 1985
FOR CASE 2 (IN FACTOR COST AT 1970 PRICES)

Unit: M\$10⁶

Item	JR	KH/PS	KN	MA	NS	PH	PK	PG	SL	TU	SB	SW	Total
Food	286	98	39	26	35	161	169	121	622	32	17	29	1,637
Textile	151	0	7	0	2	0	130	160	97	3	0	1	553
Wood	102	36	30	9	43	371	55	14	90	37	22	106	916
Paper	20	0	0	0	0	0	1	17	79	0	0	0	116
Publishing	24	1	10	4	4	7	23	82	458	1	7	7	628
Chemical	97	2	10	9	123	6	58	45	506	7	16	77	958
Rubber	202	62	25	34	45	65	100	44	159	5	3	3	746
Non metal	27	6	1	4	17	24	181	13	215	2	1	6	497
Basic metal	1	0	0	0	4	0	42	145	94	24	14	0	325
Machinery	219	11	5	66	18	32	121	561	1,128	8	8	17	2,194
Others	2	0	0	0	40	0	2	0	2	0	1	0	49
Total	1,132	217	126	152	331	666	882	1,203	3,450	120	93	247	8,619

Remarks; See Remarks in Table 89.

Table 92 PROJECTED GROSS VALUE ADDED OF MANUFACTURING
SECTOR BY STATE BY COMMODITY GROUP IN 1990
FOR CASE 1 (IN FACTOR COST AT 1970 PRICES)

Unit: M\$10⁶

Item	JR	KH/PS	KN	MA	NS	PH	PK	PG	SL	TU	SB	SW	Total
Food	423	169	60	31	61	362	219	131	713	47	30	34	2,280
Textile	249	0	12	0	4	0	188	192	123	5	1	1	775
Wood	119	50	37	9	59	657	56	12	81	43	33	121	1,277
Paper	22	0	0	0	0	0	2	18	83	0	0	0	125
Publishing	63	3	27	8	13	30	53	160	941	3	11	8	1,320
Chemical	103	13	60	41	133	44	270	166	525	40	39	227	1,661
Rubber	387	138	50	53	101	188	168	62	235	10	5	3	1,400
Non metal	53	15	2	6	40	72	317	18	332	3	2	7	867
Basic metal	2	1	0	0	10	0	87	247	170	78	47	1	643
Machinery	618	32	13	130	51	116	256	1,003	2,351	19	12	19	4,620
Others	6	0	0	0	133	0	6	0	5	0	2	1	153
Total	2,045	421	261	278	605	1,469	1,622	2,009	5,559	248	182	422	15,121

Remarks; See Remarks in Table 89.

Table 93 PROJECTED GROSS VALUE ADDED OF MANUFACTURING
SECTOR BY STATE BY COMMODITY GROUP IN 1990
FOR CASE 2 (IN FACTOR COST AT 1970 PRICES)

Unit: M\$10⁶

Item	JR	KH/PS	KN	MA	NS	PH	PK	PG	SL	TU	SB	SW	Total
Food	365	128	45	27	49	289	188	123	696	38	24	31	2,003
Textile	209	0	9	0	3	0	158	176	117	4	1	1	678
Wood	110	41	30	8	51	558	52	12	84	37	27	111	1,121
Paper	20	0	0	0	0	0	1	17	79	0	0	0	117
Publishing	45	2	17	6	9	20	38	125	764	2	9	8	1,045
Chemical	97	8	36	28	123	29	185	127	506	25	29	163	1,356
Rubber	315	100	36	44	78	142	137	55	217	7	4	3	1,138
Non metal	42	10	2	5	30	53	251	16	300	2	2	6	719
Basic metal	1	1	0	0	7	0	65	204	145	56	31	1	511
Machinery	446	21	9	97	36	80	190	813	1,943	13	10	18	3,676
Others	5	0	0	0	95	0	5	0	5	0	2	0	112
Total	1,655	311	184	215	481	1,171	1,270	1,668	4,856	184	139	342	12,483

Remarks; See Remarks in Table 89.

Table 94 PROJECTED GROSS VALUE ADDED OF MANUFACTURING
SECTOR BY STATE BY COMMODITY GROUP IN 1995
FOR CASE 1 (IN FACTOR COST AT 1970 PRICES)

Item	Unit: M\$10 ⁶												Total
	JR	KH/PS	KN	MA	NS	PH	PK	PG	SL	TU	SB	SW	
Food	487	284	101	33	67	531	232	110	658	70	80	75	2,728
Textile	332	0	23	0	6	1	230	187	132	9	2	2	924
Wood	119	72	53	8	56	834	52	9	65	55	89	268	1,680
Paper	22	0	0	0	1	0	3	18	83	0	0	0	127
Publishing	135	10	82	17	26	80	105	250	1,616	7	29	18	2,375
Chemical	103	38	194	78	133	117	529	252	525	119	87	459	2,634
Rubber	595	309	111	75	149	369	238	70	290	20	13	6	2,245
Non metal	88	35	5	10	64	151	481	22	439	6	5	16	1,322
Basic metal	4	4	0	0	19	0	159	361	272	158	96	1	1,074
Machinery	1,289	91	37	234	98	291	465	1,461	3,920	50	32	43	8,011
Others	15	0	1	0	310	1	14	0	10	1	5	1	358
Total	3,189	843	607	455	929	2,375	2,508	2,740	8,010	495	438	889	23,478

Remarks; See Remarks in Table 89.

Table 95 PROJECTED GROSS VALUE ADDED OF MANUFACTURING
SECTOR BY STATE BY COMMODITY GROUP IN 1995
FOR CASE 2 (IN FACTOR COST AT 1970 PRICES)

Item	Unit: M\$10 ⁶												Total
	JR	KH/PS	KN	MA	NS	PH	PK	PG	SL	TU	SB	SW	
Food	415	166	58	27	55	408	194	114	713	46	35	39	2,270
Textile	261	0	12	0	4	0	177	179	132	6	1	1	773
Wood	110	46	34	7	51	701	47	10	76	39	38	139	1,298
Paper	20	0	0	0	0	0	2	17	79	0	0	0	118
Publishing	75	4	31	9	14	40	57	168	1,136	3	13	9	1,559
Chemical	97	16	79	47	123	66	321	192	506	54	46	273	1,820
Rubber	436	155	55	53	106	244	170	62	270	11	6	3	1,571
Non metal	60	16	2	6	43	93	321	18	382	3	2	8	954
Basic metal	2	2	0	0	11	0	93	263	207	92	57	1	728
Machinery	740	37	15	135	56	156	271	1,050	2,886	22	14	22	5,405
Others	9	0	1	0	174	0	8	0	8	1	2	1	204
Total	2,225	442	287	284	637	1,708	1,661	2,073	6,395	277	214	496	16,699

Remarks; See Remarks in Table 89.

Table 96 PROJECTED GROSS VALUE ADDED OF MANUFACTURING
SECTOR BY STATE BY COMMODITY GROUP IN 2000
FOR CASE 1 (IN FACTOR COST AT 1970 PRICES)

Item	Unit: M\$10 ⁶												Total
	JR	KH/PS	KN	MA	NS	PH	PK	PG	SL	TU	SB	SW	
Food	488	420	147	31	58	668	221	80	546	95	206	169	3,129
Textile	400	0	40	0	6	1	264	165	132	15	5	5	1,033
Wood	107	96	70	7	44	949	44	6	48	68	230	607	2,276
Paper	22	0	0	0	1	0	7	18	83	0	0	0	131
Publishing	268	30	238	32	46	198	197	361	2,914	19	75	41	4,419
Chemical	103	92	466	120	133	238	810	293	525	274	223	1,040	4,317
Rubber	855	658	232	104	186	667	325	73	345	38	34	14	3,531
Non metal	136	79	11	14	86	293	709	25	564	13	13	35	1,978
Basic metal	7	10	0	1	32	0	291	509	436	303	248	3	1,840
Machinery	2,437	246	100	413	156	667	811	1,969	5,893	123	83	97	12,995
Others	34	0	4	0	626	2	30	0	20	5	13	3	737
Total	4,857	1,631	1,308	722	1,374	3,683	3,709	3,499	11,506	953	1,130	2,014	36,386

Remarks; See Remarks in Table 89.

Table 97 PROJECTED GROSS VALUE ADDED OF MANUFACTURING
SECTOR BY STATE BY COMMODITY GROUP IN 2000
FOR CASE 2 (IN FACTOR COST AT 1970 PRICES)

Item	Unit: MS10 ⁶												Total
	JR	KH/PS	KN	MA	NS	PH	PK	PG	SL	TU	SB	SW	
Food	444	213	74	26	55	530	187	96	689	53	59	58	2,484
Textile	313	0	17	0	5	1	193	170	143	7	1	2	852
Wood	105	53	39	6	45	814	41	7	66	41	66	208	1,491
Paper	20	0	0	0	0	0	3	17	79	0	0	0	119
Publishing	121	8	60	13	21	79	83	214	1,653	5	22	14	2,293
Chemical	97	32	164	69	123	129	477	244	506	104	78	452	2,475
Rubber	580	247	88	64	131	396	205	65	325	16	10	5	2,132
Non metal	83	27	4	8	54	157	404	20	477	5	4	12	1,255
Basic metal	4	3	0	0	16	0	134	330	297	157	95	1	1,037
Machinery	1,176	69	28	186	80	294	378	1,286	4,148	38	24	33	7,741
Others	16	0	1	0	295	1	13	0	13	1	4	1	345
Total	2,959	652	475	372	825	2,401	2,118	2,449	8,397	427	363	786	22,224

Remarks; See Remarks in Table 89.

Table 98 VALUE ADDED RATIO TO GROSS VALUE OF
OUTPUT IN MANUFACTURING SECTOR BY
COMMODITY GROUP IN 1974

Industry	Value Added (A)	Value of Output (B)	V.A. Ratio (A/B)
Food	669.5	3,338.7	0.2005
Textile	151.0	510.0	0.2961
Wood	380.1	1,071.4	0.3548
Paper	26.9	88.2	0.3050
Publishing	151.9	319.4	0.4756
Chemical	256.3	1,174.8	0.2182
Rubber	354.1	1,352.2	0.2619
Non Metal	142.8	316.2	0.4516
Basic Metal	97.1	299.9	0.3238
Machinery	612.1	1,806.8	0.3388
Others	79.9	727.3	0.1099
Total	2,921.7	11,004.8	0.2655

Source; Refs. 32, 33 and 34

Table 99 VALUE ADDED RATIO TO GROSS VALUE OF
OUTPUT IN MANUFACTURING SECTOR IN
PENINSULAR MALAYSIA

Unit: M\$106

Year	Value Added (A)	Gross Value of Output (B)	V.A. Ratio (A/B) (%)
1963	420	1,689	0.249
1964	402	1,700	0.237
1965	501	1,955	0.256
1966	576	2,176	0.265
1967	644	2,302	0.280
1968	874	3,079	0.284
1969	992	3,280	0.302
1970	1,182	5,937	0.300
1971	1,206	4,164	0.304
1972	1,525	5,120	0.298
1973	2,327	7,678	0.303
1974	2,759	10,113	0.273

Source; Ref. 32

Table 100 VALUE ADDED RATIO OF MANUFACTURING INDUSTRIES
FOR USA IN 1976, FOR JAPAN IN 1979 AND
FOR KOREA IN 1978

Unit: US\$ 10⁶

Commodity Group	Value Added Ratio		
	US 1976	Japan 1979	Korea 1978
Food and Kindered Products	0.292	0.297	
Tobacco Products	0.470	-	Light I
Textile Mill Products	0.398	0.382	0.312
Apparel and Other Textile Products	0.485	0.460	
Lumber and Wood Products	0.431	0.324	Heavy I
Furniture and Fixtures	0.518	0.427	0.282
Paper and Allied Products	0.427	0.313	
Printing and Publishing	0.645	0.539	
Chemicals and Allied Products	0.494	0.386	
Petroleum and Coal Products	0.160	0.119	
Rubber and Miscellaneous Plastics Products	0.502	0.409	
- Tyres and inner tubes	0.458	-	
- Fabricated rubber products	0.535	-	
Leather and Leather Products	0.496	0.355	
Stone, Clay and Glass Products	0.548	0.454	
Primary Metal Industries	0.368	0.318	
Fabricated Metal Products	0.505	-	
Machinery	0.544	0.417	
Electric and Electronic Equipment	0.564	0.406	
Transportation Equipment	0.395	0.274	
Instruments and Related Products	0.655	0.403	
Miscellaneous	0.542	0.383	
Total	0.431	0.352	0.297

Remarks; Value added ratio for US: Value added divided by
value of shipment

Value added ratio for Japan and Korea:
Value added divided by
gross value of manufacturing
industries

Table 101 PROJECTED GROSS VALUE OF MANUFACTURING OUTPUT
BY STATE BY COMMODITY GROUP IN 1980
(IN FACTOR COST AT 1970 PRICES)

Item	Unit: M\$10 ⁶												Total
	JR	KH/PS	KN	MA	NS	PH	PK	PG	SL	TU	SB	SW	
Food	906	231	58	88	117	177	534	529	2,747	71	59	131	5,648
Textile	294	0	6	0	5	0	253	429	262	5	1	3	1,258
Wood	243	64	34	23	108	304	131	46	299	61	33	232	1,578
Paper	26	0	0	0	0	0	1	29	140	0	0	0	196
Publishing	20	1	4	3	4	2	19	94	525	1	9	14	696
Chemical	201	3	10	21	270	4	120	130	1,457	10	23	51	2,300
Rubber	397	90	23	72	93	44	196	121	434	7	7	8	1,492
Non metal	29	5	1	5	20	9	199	19	329	1	2	12	631
Basic metal	1	0	0	0	5	0	56	265	173	0	0	1	501
Machinery	265	10	3	85	23	13	146	933	1,891	7	14	43	3,433
Others	7	0	0	0	143	0	9	0	11	0	7	3	180
Total	2,389	404	139	297	788	553	1,664	2,595	8,268	163	155	498	17,913

Remarks; (1): Abbreviations

JR = Johor, KH/PS = Kedah/Perlis, KN = Kelantan, MA = Malaka, PH = Pahang,
PK = Perak, PG = Pulau Pinang, SL = Selangor, TU = Trengganu, SB = Sabah
and SW = Sarawak

(2): The gross values of manufacturing output accrued from large scale industrial development projects planned in Trengganu, Sabah and Sarawak are included in Tables 102 through 109 i.e. for the period from 1985 to 2000.

(3): Food group includes the gross value of output accrued from palm oil production.

Table 102 PROJECTED GROSS VALUE OF MANUFACTURING OUTPUT
BY STATE BY COMMODITY GROUP IN 1985 FOR CASE 1
(IN FACTOR COST AT 1970 PRICES)

Item	Unit: M\$10 ⁶												Total
	JR	KH/PS	KN	MA	NS	PH	PK	PG	SL	TU	SB	SW	
Food	1,448	497	193	130	178	853	863	608	3,068	166	99	147	8,249
Textile	518	0	23	0	8	0	450	544	322	12	2	3	1,881
Wood	251	90	73	22	106	949	136	34	214	93	55	260	2,282
Paper	69	0	0	0	0	0	2	56	261	0	0	0	389
Publishing	52	2	21	9	9	17	51	179	977	2	15	15	1,350
Chemical	453	11	47	44	583	29	274	211	2,304	35	74	339	4,404
Rubber	726	222	88	123	163	243	363	158	555	19	12	9	2,679
Non metal	59	14	2	9	38	55	404	28	462	3	3	13	1,090
Basic metal	2	1	0	0	11	0	134	453	288	70	43	1	1,005
Machinery	647	33	15	194	54	98	360	1,643	3,237	25	23	48	6,377
Others	19	0	1	0	352	0	22	0	21	1	11	4	432
Total	4,244	870	462	531	1,503	2,244	3,059	3,914	11,709	426	337	839	30,138

Remarks; See Remarks in Table 101.

Table 103 PROJECTED GROSS VALUE OF MANUFACTURING OUTPUT
BY STATE BY COMMODITY GROUP IN 1985 FOR CASE 2
(IN FACTOR COST AT 1970 PRICES)

Item	Unit: M\$10 ⁶												Total
	JR	KH/PS	KN	MA	NS	PH	PK	PG	SL	TU	SB	SW	
Food	1,371	470	185	123	167	773	809	580	2,987	155	93	142	7,856
Textile	492	0	22	0	7	0	423	520	315	11	2	3	1,794
Wood	243	87	72	22	102	881	131	33	214	89	51	251	2,175
Paper	64	0	0	0	0	0	2	52	249	0	0	0	368
Publishing	49	2	20	8	8	15	47	169	937	2	14	15	1,285
Chemical	426	10	45	42	542	26	255	199	2,224	32	71	337	4,209
Rubber	690	210	84	117	153	221	342	152	542	18	11	9	2,549
Non metal	56	13	2	8	36	50	379	26	449	3	3	13	1,038
Basic metal	2	1	0	0	11	0	125	431	279	70	43	1	965
Machinery	607	31	14	181	50	88	335	1,553	3,121	23	22	47	6,073
Others	18	0	1	0	340	0	21	0	21	1	10	4	418
Total	4,018	824	445	501	1,417	2,056	2,868	3,717	11,338	404	320	822	28,730

Remarks; See Remarks in Table 101.

Table 104 PROJECTED GROSS VALUE OF MANUFACTURING OUTPUT
BY STATE BY COMMODITY GROUP IN 1990 FOR CASE 1
(IN FACTOR COST AT 1970 PRICES)

Item	Unit: M\$10 ⁶												Total
	JR	KH/PS	KN	MA	NS	PH	PK	PG	SL	TU	SB	SW	
Food	2,087	836	297	153	298	1,783	1,081	644	3,514	183	145	164	11,185
Textile	829	0	39	0	14	1	626	640	410	18	2	3	2,582
Wood	291	122	91	21	143	1,603	138	29	197	107	80	291	3,113
Paper	71	0	0	0	1	0	5	58	268	0	0	0	403
Publishing	133	7	56	18	27	62	112	336	1,979	6	22	17	2,775
Chemical	465	57	269	183	599	199	1,216	751	2,366	161	173	1,015	7,454
Rubber	1,356	483	175	187	354	659	589	217	823	35	17	10	4,905
Non metal	114	31	5	14	87	154	681	39	711	6	4	15	1,861
Basic metal	6	4	0	1	30	0	264	755	517	239	145	2	1,963
Machinery	1,756	90	37	368	146	329	729	2,854	6,692	57	34	54	13,146
Others	32	0	2	1	686	1	32	1	28	2	16	4	805
Total	7,140	1,630	971	946	2,385	4,791	5,473	6,324	17,505	814	638	1,575	50,192

Remarks; See Remarks in Table 101.

Table 105 PROJECTED GROSS VALUE OF MANUFACTURING OUTPUT
BY STATE BY COMMODITY GROUP IN 1990 FOR CASE 2
(IN FACTOR COST AT 1970 PRICES)

Item	Unit: M\$10 ⁶												Total
	JR	KH/PS	KN	MA	NS	PH	PK	PG	SL	TU	SB	SW	
Food	1,798	638	227	132	242	1,423	929	687	3,432	193	118	151	9,970
Textile	698	0	29	0	11	1	525	589	391	14	2	3	2,263
Wood	267	99	73	20	124	1,363	126	29	206	89	65	267	2,728
Paper	66	0	0	0	1	0	4	54	255	0	0	0	380
Publishing	96	4	36	13	18	41	80	263	1,606	4	18	16	2,195
Chemical	437	36	162	127	557	130	836	573	2,284	113	127	723	6,105
Rubber	1,106	349	126	154	272	498	479	194	761	26	14	9	3,988
Non metal	91	22	3	11	65	113	541	34	642	5	3	14	1,544
Basic metal	4	2	0	0	21	0	198	622	442	167	101	2	1,559
Machinery	1,265	59	25	275	102	227	540	2,311	5,526	38	27	50	10,445
Others	24	0	2	0	491	1	24	1	24	2	13	4	586
Total	5,852	1,209	683	732	1,904	3,797	4,282	5,357	15,569	651	8	1,239	41,763

Remarks; See Remarks in Table 101.

Table 106 PROJECTED GROSS VALUE OF MANUFACTURING OUTPUT
BY STATE BY COMMODITY GROUP IN 1995 FOR CASE 1
(IN FACTOR COST AT 1970 PRICES)

Item	Unit: M\$10 ⁶												
	JR	KH/PS	KN	MA	NS	PH	PK	PG	SL	TU	SB	SW	Total
Food	2,402	1,399	496	161	330	2,617	1,144	542	3,246	347	393	368	13,445
Textile	1,106	0	75	0	18	2	768	624	440	31	7	7	3,078
Wood	290	176	130	19	137	2,036	126	21	157	135	217	653	4,097
Paper	71	0	0	0	2	0	11	58	268	0	0	0	410
Publishing	285	22	173	35	56	168	220	525	3,400	15	61	38	4,998
Chemical	465	173	873	352	599	526	2,390	1,135	2,366	536	390	2,070	11,875
Rubber	2,088	1,082	389	265	524	1,295	834	244	1,016	68	46	22	7,873
Non metal	188	74	11	21	138	323	1,032	47	942	14	11	33	2,834
Basic metal	11	11	0	1	58	0	484	1,103	831	480	293	4	3,276
Machinery	3,664	259	106	666	278	826	1,322	4,159	11,146	141	91	121	22,779
Others	54	0	4	0	1,142	2	50	1	38	5	44	10	1,350
Total	10,624	3,196	2,257	1,520	3,282	7,795	8,381	8,459	23,850	1,772	1,553	3,326	76,015

Remarks; See Remarks in Table 101.

Table 107 PROJECTED GROSS VALUE OF MANUFACTURING OUTPUT
BY STATE BY COMMODITY GROUP IN 1995 FOR CASE 2
(IN FACTOR COST AT 1970 PRICES)

Item	Unit: M\$10 ⁶												
	JR	KH/PS	KN	MA	NS	PH	PK	PG	SL	TU	SB	SW	Total
Food	2,047	817	286	133	273	2,014	954	562	3,515	224	169	190	11,184
Textile	871	0	40	0	14	1	591	598	440	19	3	4	2,581
Wood	269	112	82	17	123	1,703	114	23	186	95	93	337	3,154
Paper	66	0	0	0	1	0	6	54	255	0	0	0	382
Publishing	158	8	65	19	30	84	119	353	2,389	6	26	20	3,277
Chemical	437	74	357	213	557	297	1,448	866	2,284	241	206	1,221	8,201
Rubber	1,528	543	192	187	372	855	597	218	946	38	20	11	5,507
Non metal	129	35	5	14	91	200	691	40	819	7	5	17	2,053
Basic metal	7	5	0	1	34	0	284	803	632	287	175	2	2,230
Machinery	2,103	106	43	382	160	445	769	2,983	8,206	64	39	63	15,363
Others	31	0	2	0	638	1	28	0	28	2	19	5	754
Total	7,646	1,700	1,072	966	2,293	5,600	5,601	6,500	19,700	983	755	1,870	54,686

Remarks; See Remarks in Table 101.

Table 108 PROJECTED GROSS VALUE OF MANUFACTURING OUTPUT
BY STATE BY COMMODITY GROUP IN 2000 FOR CASE 1
(IN FACTOR COST AT 1970 PRICES)

Item	Unit: M\$10 ⁶												
	JR	KH/PS	KN	MA	NS	PH	PK	PG	SL	TU	SB	SW	Total
Food	2,404	2,072	723	155	286	3,293	1,089	394	2,663	553	1,023	840	15,495
Textile	1,333	1	132	0	19	3	879	548	435	60	17	16	3,443
Wood	262	235	172	17	107	2,316	108	14	116	195	564	1,492	5,598
Paper	71	0	0	0	3	0	21	58	268	0	0	1	422
Publishing	564	63	500	66	96	417	415	758	6,069	72	158	87	9,265
Chemical	465	414	2,101	541	599	1,072	3,655	1,322	2,366	432	1,016	4,731	18,714
Rubber	2,998	2,300	815	364	652	2,337	1,139	255	1,196	201	119	51	12,427
Non metal	292	170	24	31	185	628	1,521	54	1,198	55	28	76	4,262
Basic metal	21	31	0	2	97	0	889	1,554	1,318	653	763	8	5,336
Machinery	6,926	700	284	1,174	443	1,897	2,305	5,602	16,899	441	238	278	37,187
Others	97	1	11	1	1,777	4	85	1	56	16	114	22	2,185
Total	15,433	5,987	4,762	2,351	4,264	11,967	12,106	10,560	32,584	2,678	4,040	7,602	114,334

Remarks; See Remarks in Table 101.

Table 109 PROJECTED GROSS VALUE OF MANUFACTURING OUTPUT
 BY STATE BY COMMODITY GROUP IN 2000 FOR CASE 2
 (IN FACTOR COST AT 1970 PRICES)

Item	Unit: ₱10 ⁶												Total
	JR	KH/PS	KN	MA	NS	PH	PK	PG	SL	TU	SB	SW	
Food	2,187	1,050	367	127	269	2,621	923	474	3,395	302	292	286	12,293
Textile	1,045	0	58	0	15	2	643	567	477	24	5	6	2,842
Wood	257	129	94	15	109	1,986	99	18	161	99	161	507	3,635
Paper	66	0	0	0	1	0	8	54	255	0	0	0	384
Publishing	254	16	126	27	44	165	174	449	3,477	11	45	30	4,818
Chemical	437	143	740	310	557	582	2,159	1,099	2,284	465	350	2,039	11,165
Rubber	2,034	869	309	224	458	1,388	720	229	1,139	55	34	17	7,476
Non metal	178	58	8	17	117	337	866	43	1,024	11	8	26	2,693
Basic metal	11	9	0	1	49	0	409	1,008	908	479	294	3	3,171
Machinery	3,345	196	79	530	228	835	1,074	3,655	11,792	108	68	94	22,004
Others	45	0	3	0	840	2	36	1	36	4	33	8	1,008
Total	9,859	2,470	1,784	1,251	2,687	7,918	7,111	7,597	24,948	1,558	1,290	3,016	71,489

Remarks; See Remarks in Table 101.

Table 110 PUBLIC DEVELOPMENT EXPENDITURE IN
THE WHOLE MALAYSIA, PENINSULAR
MALAYSIA, SABAH AND SARAWAK

Unit: M\$ 10⁶

	FMP		SMP		TMP		4MP
	A	B	C	D	E	F	G
Peninsular Malaysia	3,714 (81.6)	3,611	5,868 (80.9)	8,076	15,444 (83.3)	-	34,969 (88.9)
Sabah	373 (8.2)	358	774 (10.7)	904	1,452 (7.8)	-	1,846 (8.7)
Sarawak	464 (10.2)	273	608 (8.4)	841	1,657 (8.9)	-	2,515 (6.4)
Whole Malaysia	4,551 (100.0)	4,242	7,250 (100.0)	9,821	18,555 (100.0)	21,202	39,330 (100.0)

Remarks; A, C, E & G: Initial target value at the beginning stage of each plan.

B, D & F: Estimated expenditure at the planning stage of the next plan.

Prices: Current prices of the year of planning.

Expenditure for 4MP: Not include stage funds of M\$1,380 x 10⁶ and statutory funds of M\$2,120 x 10⁶

Source; Refs. 1 to 5

Table 111 PUBLIC DEVELOPMENT EXPENDITURE FOR WATER RESOURCES DEVELOPMENT IN THE WHOLE MALAYSIA, PENINSULAR MALAYSIA, SABAH AND SARAWAK

Unit: M\$ 10⁶

	FMP		SMP		TMP		4MP
	A	B	C	D	E	F	G
Peninsular Malaysia	1,014 (90.6)	983	900 (87.7)	1,030	2,524 (87.0)		3,177 (73.8)
Sabah	65 (5.8)	36	60 (5.8)	92	186 (6.4)	-	471 (10.9)
Sarawak	40 (3.6)	16	67 (6.5)	100	193 (6.6)	-	661 (15.3)
Whole Malaysia	1,119 (100.0)	1,035	1,027 (100.0)	1,222	2,903 (100.0)	1,002	4,309

Remarks; See Remarks in Table 110.

Source; Refs. 1 to 5

Table 112 PUBLIC DEVELOPMENT EXPENDITURE FOR WATER RESOURCES DEVELOPMENT BY SUB-SECTOR IN THE WHOLE MALAYSIA

Unit: M\$ 10⁶

Sub-sector	FMP		SMP		TMP		4MP
	A	B	C	D	E	F	G
Drainage and irrigation	333 (29.8)	343	256 (24.9)	271	621 (21.4)	555	860 (20.0)
Electricity	584 (52.1)	507	538 (52.5)	564	1,405 (48.4)	133	1,640 (38.2)
Rural electrification	-	24	25 (2.4)	69	175 (6.0)	28	523 (12.1)
Water supply	202 (18.1)	151	184 (17.9)	297	563 (19.4)	217	1,086 (25.2)
Sewerage	-	10	24 (2.3)	21	139 (4.8)	69	200 (4.6)
Total	1,119 (100.0)	1,035	1,027 (100.0)	1,222	2,903 (100.0)	1,002	4,309 (100.0)

Remarks; See Remarks in Table 110.

Source; Refs. 1, 2, 3, 4 and 5

Table 113 PUBLIC DEVELOPMENT EXPENDITURE FOR WATER RESOURCES DEVELOPMENT BY SUB-SECTOR IN PENINSULAR MALAYSIA

Unit: M\$ 10⁶

Sub-sector	FMP		SMP		TMP		4MP
	A	B	C	D	E	F	G
Drainage and irrigation	319 (31.5)	329	228 (25.3)	240	566 (22.4)	-	766 (24.1)
Electricity	545 (53.7)	495	481 (53.5)	456	1,198 (47.5)	-	940 (29.6)
Rural electrification	-	23	20 (2.2)	60	158 (6.3)	-	433 (13.6)
Water supply	150 (14.8)	129	157 (17.4)	254	467 (18.5)	-	855 (26.9)
Sewerage	-	7	14 (1.6)	20	135 (5.3)	-	183 (5.8)
Total	1,014 (100.0)	983	900 (100.0)	1,030	2,524 (100.0)	-	3,177 (100.0)

Remarks; See Remarks in Table 110.

Source; Refs. 1, 2, 3, 4 and 5

Table 114 PUBLIC DEVELOPMENT EXPENDITURE FOR WATER RESOURCES DEVELOPMENT BY SUB-SECTOR IN SABAH AND SARAWAK

Unit: M\$ 10⁶

Sub-sector	FMP		SMP		TMP		4MP
	A	B	C	D	E	F	G
Drainage and irrigation	14 (13.3)	14	28 (22.0)	31	55 (14.5)	-	94 (8.3)
Electricity	39 (37.1)	12	57 (44.9)	108	207 (54.6)	-	700 (61.8)
Rural electrification	-	1	5 (3.9)	9	17 (4.5)	-	90 (8.0)
Water supply	52 (49.5)	22	27 (21.3)	43	96 (25.3)	-	231 (20.4)
Sewerage	-	3	10 (7.9)	1	4 (1.1)	-	17 (1.5)
Total	105 (100.0)	52	127 (100.0)	192	379 (100.0)	-	1,132 (100.0)

Remarks; See Remarks in Table 110.

Source; Refs. 1, 2, 3, 4 and 5

Table 115

PUBLIC DEVELOPMENT EXPENDITURE FOR WATER
RESOURCES DEVELOPMENT BY SUB-SECTOR
IN SABAHUnit: M\$ 10⁶

Sub-sector	FMP		SMP		TMP		4MP
	A	B	C	D	E	F	G
Drainage and irrigation	7 (10.8)	8	15 (25.0)	15	24 (12.9)	-	26 (5.5)
Electricity	15 (23.1)	9	17 (28.3)	49	115 (61.8)	-	300 (63.8)
Rural electrification	-	1	3 (5.0)	3	11 (5.9)	-	60 (12.7)
Water supply	43 (66.1)	16	15 (25.0)	25	36 (19.4)	-	75 (15.9)
Sewerage	-	2	10 (16.7)	-	0 (0.0)	-	10 (2.1)
Total	65 (100.0)	36	60 (100.0)	92	186 (100.0)	-	471 (100.0)

Remarks; See Remarks in Table 110.

Source; Refs. 1, 2, 3, 4 and 5

Table 116

PUBLIC DEVELOPMENT EXPENDITURE FOR WATER
RESOURCES DEVELOPMENT BY SUB-SECTOR
IN SARAWAKUnit: M\$ 10⁶

Sub-sector	FMP		SMP		TMP		4MG
	A	B	C	D	E	F	G
Drainage and irrigation	7 (17.5)	6	13 (19.4)	16	31 (16.0)	-	68 (10.3)
Electricity	24 (60.0)	3	40 (59.7)	59	92 (47.7)	-	400 (60.5)
Rural electrification	-	-	2 (3.0)	6	6 (3.1)	-	30 (4.5)
Water supply	9 (22.5)	6	12 (17.9)	18	60 (31.1)	-	156 (23.6)
Sewerage	-	1	-	1	4 (2.1)	-	7 (1.1)
Total	40 (100.0)	16	67 (100.0)	100	193 (100.0)	-	661 (100.0)

Remarks; See Remarks in Table 110.

Source; Refs. 1, 2, 3, 4 and 5

FIGURES



LEGEND

- ++++ International Boundary
- ++++ State Boundary
- District Boundary
- ☒ City / Town

SCALE

0 50 100 km

**Fig.1 Administrative Division
In Peninsular Malaysia**

GOVERNMENT OF MALAYSIA
NATIONAL WATER RESOURCES STUDY MALAYSIA
 JAPAN INTERNATIONAL COOPERATION AGENCY

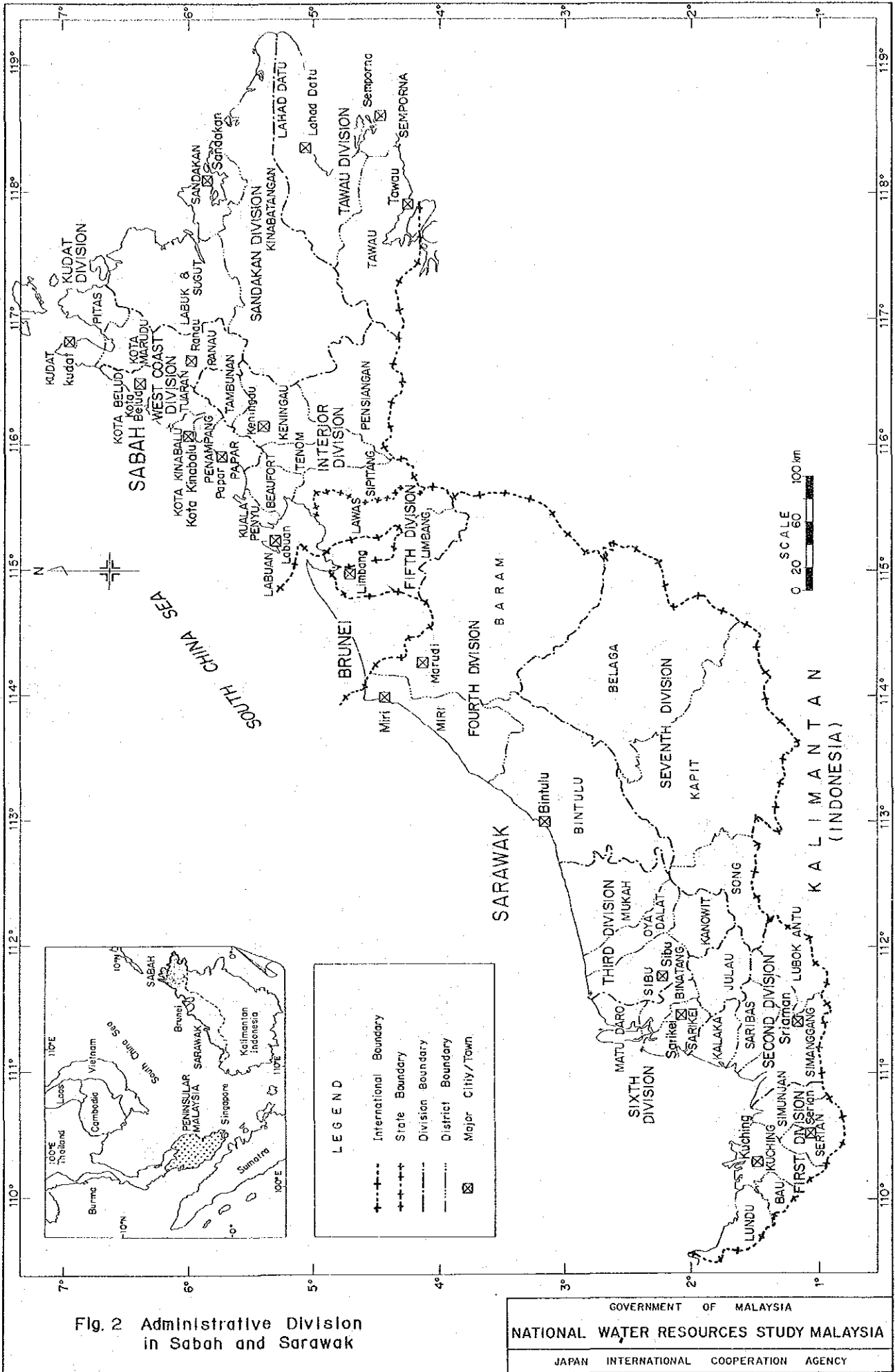


Fig. 2 Administrative Division in Sabah and Sarawak

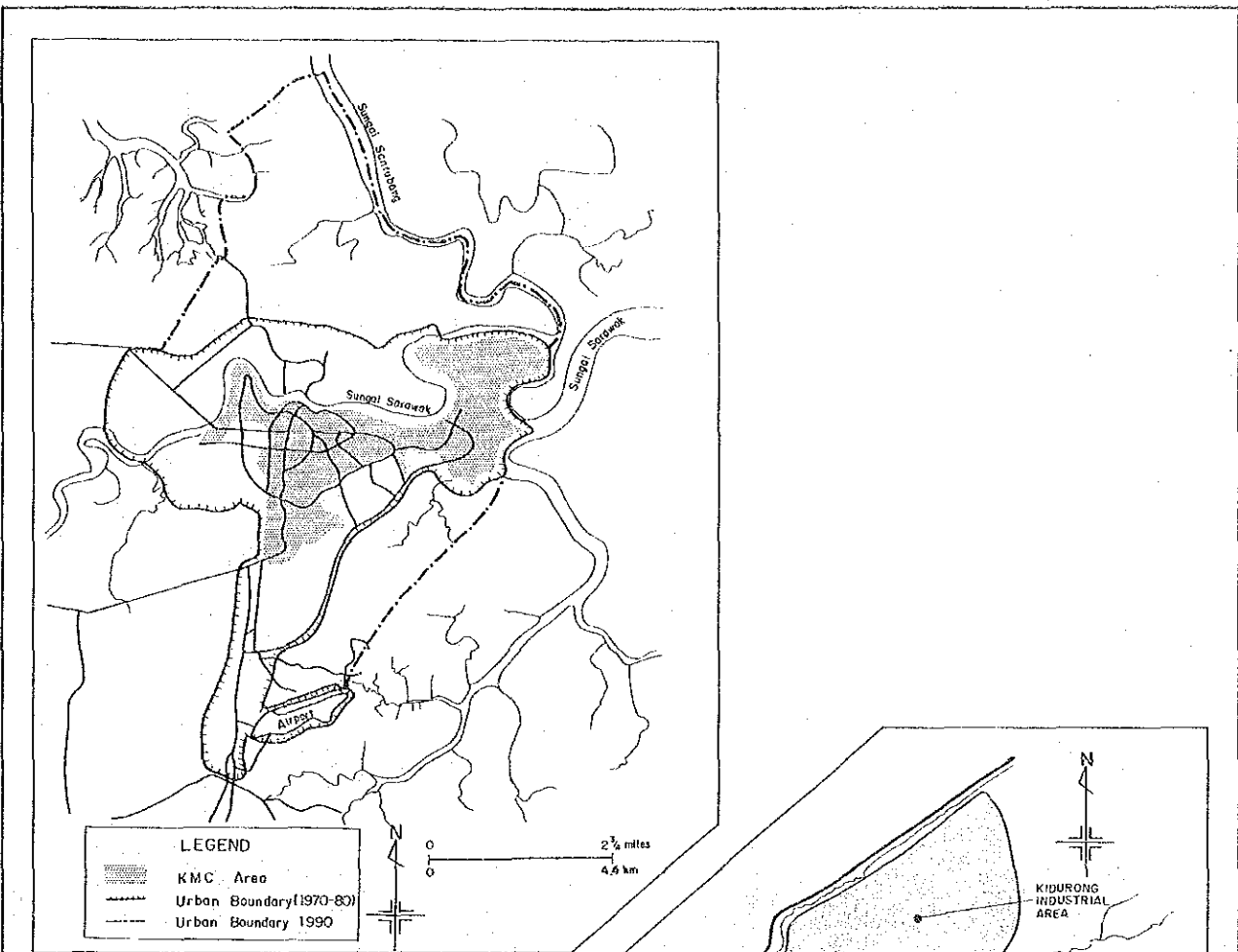


Fig. 3 Greater Urban Area in Kuching

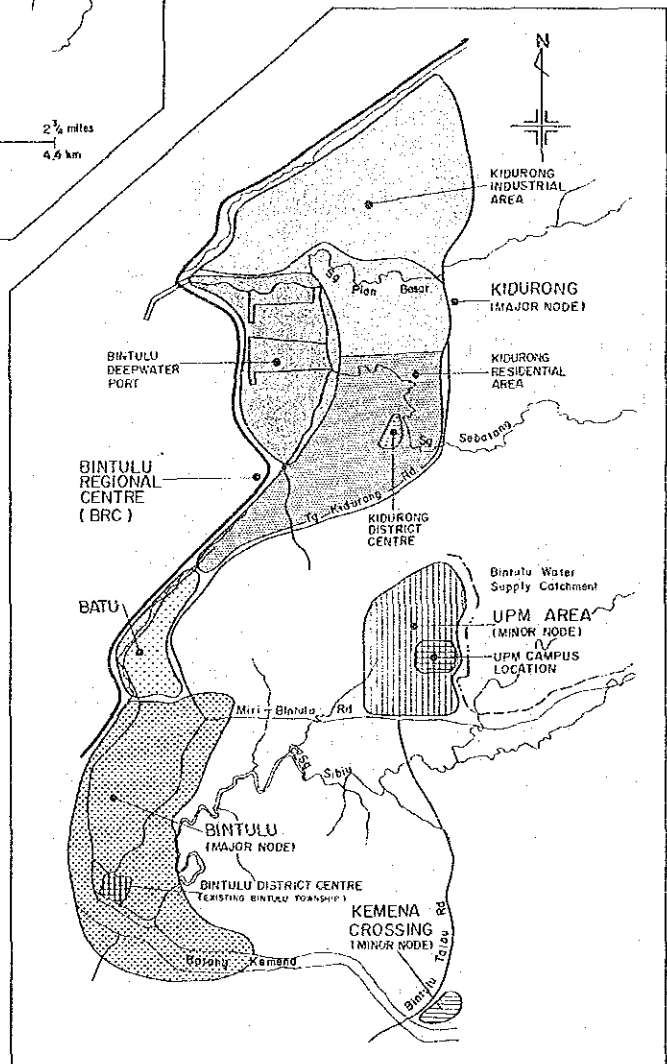


Fig. 4 Greater Urban Area in Bintulu

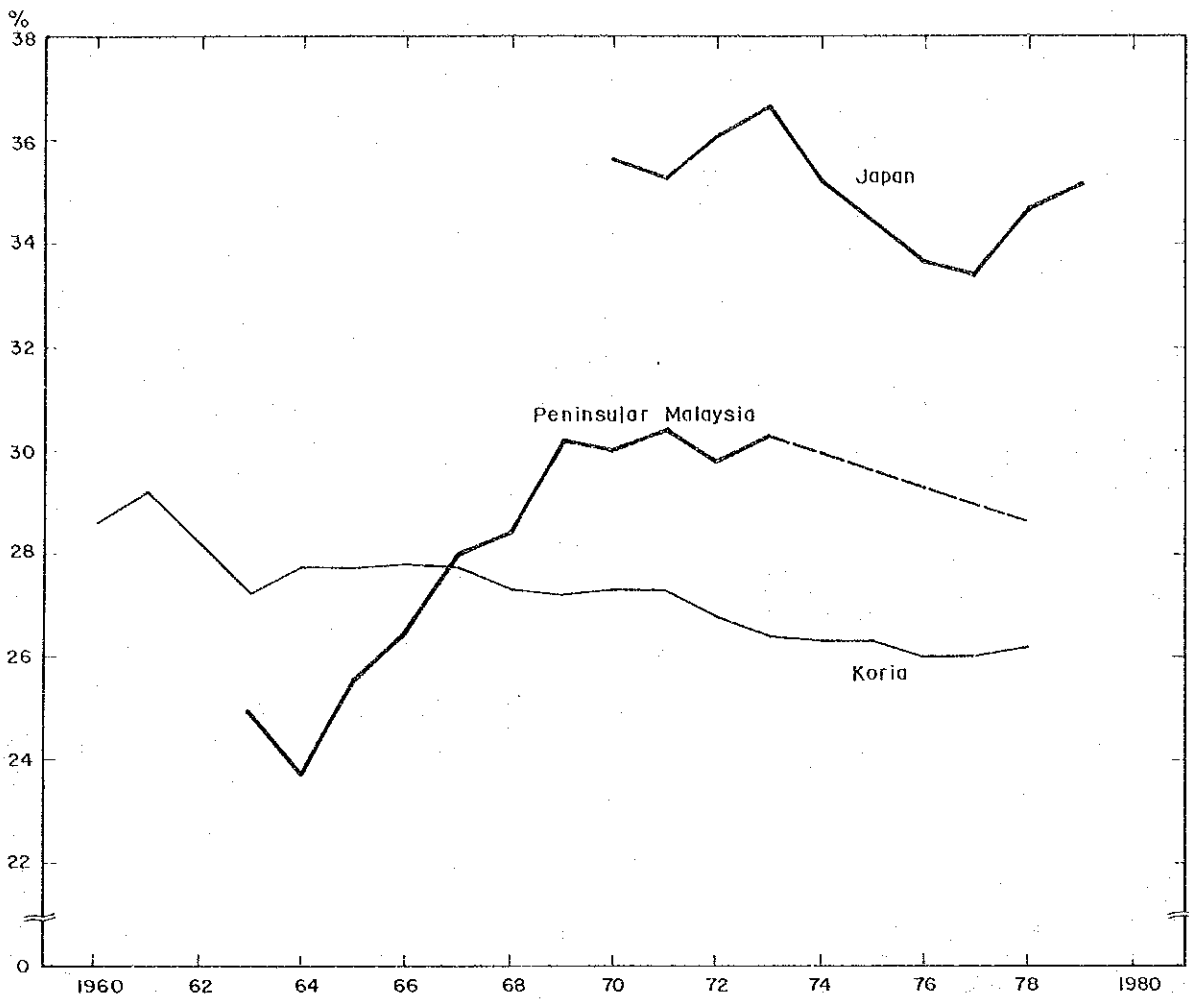


Fig. 5 Trend of Value Added Ratio in Manufacturing Industry

