CONTENTS

PHYSICAL ATTRIBUTES
Area, Location & Climate 3

DEMOGRAPHY
/ Penang: Population And Distribution by Districts 3
/ Penang: Population By Sex 3
Penang: Population By Ethnic Group 4

ECONOMIC
Penang: Gross Domestic Product (RM Million) 5
Penang: Gross Domestic Product (Percentage) 5
Penang: Gross Domestic Product (% Growth) 5

EMPLOYMENT
Penang: Labour Force Participation Rate by Gender And Ethnic Group 6
Penang: Percentage Distribution of Employed Persons Aged 15-64 Years By Gender And Industrial Groups, 1996 & 1997 6
Penang: Employed Persons by Industry 1990-1999. 6

PRIMARY SECTOR
AGRICULTURE
Penang: Aagriculture Areas (In Hectares) 7

SECONDARY SECTOR
MANUFACTURING
/ Penang: Approved Manufacturing Projects, Employment And Capital Investment 7
/ Penang: Approved Manufacturing Projects By Industry 8
/ Approved Manufacturing Projects And Investment By States 8
/ Penang: Manufacturing Industry – Principal Statistics 9

TERTIARY SECTOR
UTILITIES
Water
Penang: Water Output And Consumption 11
Penang: Daily Water Supply And Consumption 11
Electricity
Penang: Power Demand And Supply 12

TRANSPORT
Road Transport
Motor Vehicle Re-registration & New Motor Vehicle Registration 13

TRADE
Airport
/ *Aircraft Movement Per Annum* 14
/ *Number of Passengers (Domestic & International) Per Annum* 14
/ *Cargo Handled (Domestic & International) Per Annum* 14
Port
Annual Number of Shipcalls 16
Gross Registered Tonnage (Domestic & Foreign) 16
/ *Type of Cargo Handled* 17

TOURISM
Average Occupancy Rate, Number of Registered Guests and Estimated Total Visitor Arrivals 18
PROPERTY
Penang: Average House Prices 18
Penang: Number And Value Of Transactions By Price Range For The Principal Property Sectors 18
Penang: House Price Indices 19

OTHERS
EDUCATION
/ Penang: Number Of Schools, Students And Teachers At The Primary Level 20
/ Penang: Number of Schools, Students And Teachers At The Secondary Level 20

HEALTH
Life Expectancy 21
Vital Statistics Of Penang 21
Penang: Ratio Of Medical Professional – Population 21
Penang: Health Facilities 22
Penang: No. Of Hospital Beds (Government & Private) According to Administrative District 22
Penang: HIV / AIDS (Total Identified Cases) 22

/ *Updated Figures*

PHYSICAL ATTRIBUTES

Area:

State of Penang	*1031 sq km*
Penang Island	293 sq km
Seberang Perai	738 sq km

Location:

Latitudes	5°8' - 5°35'
Longitudes	100°8' - 100°32'

Climate:

Tropical Monsoon	
Temperature (Day)	27°C - 30°C
Temperature (Night)	22°C - 24°C
Mean Annual Rainfall	267 cm
Relative Humidity	70% - 90%

DEMOGRAPHY

Penang: Estimated Population (in '000) and Distribution by Districts

District	**1991**	**1997**	**1998**	**2000**
	(census)	(estimated)	(estimated)	(census)
Timur Laut	395.7	433.8	443.7	414.1
Barat Daya	122.8	147.4	151.6	159.0
Seberang Perai Utara	224.6	254.9	256.3	243.3
Seberang Perai Tengah	236.3	278.9	284.9	291.9
Seberang Perai Selatan	84.8	96.9	97.9	117.2
State of Penang	**1,064.2**	**1,221.9**	**1,234.4**	**1,225.5**

Source: State Population Report, Penang, 1991, Department of Statistics, Malaysia; State/District Data Bank, 1997, 1998, Department of Statistics; Malaysia & Population & Housing Census of Malaysia 2000: Preliminary Count Report, Department of Statistics, Malaysia.

Penang: Estimated Population by Sex (in '000)

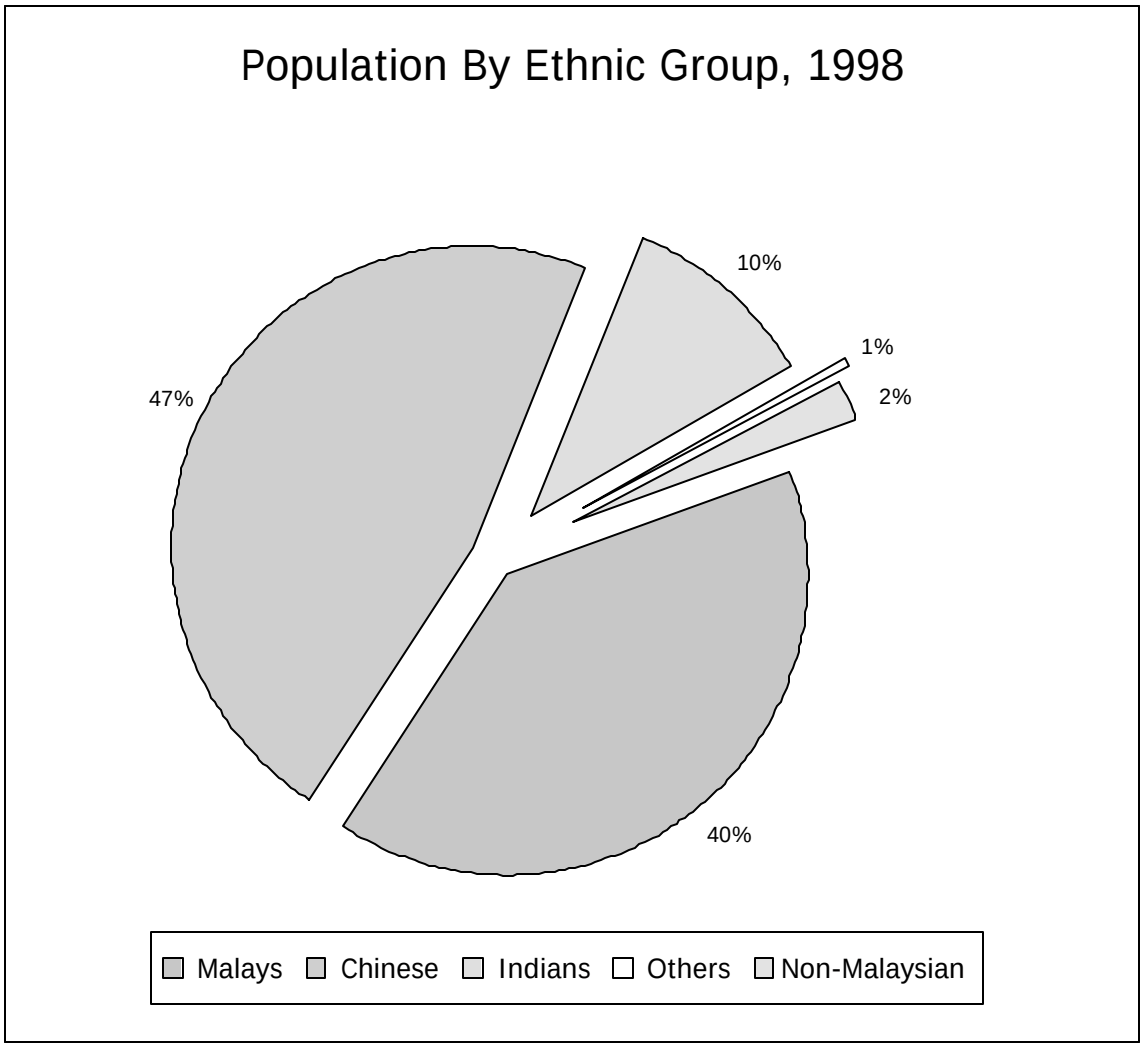
Gender	**1991**	**1997**	**1998**	**2000**
	(census)	(estimated)	(estimated)	(census)
Male	526.0	607.2	613.3	605.5
Female	538.1	614.7	621.1	620.0
Total	**1,064.2**	**1,221.9**	**1,234.4**	**1225.5**

Source: State Population Report, Penang, 1991, Department of Statistics, Malaysia; State/District Data Bank, 1997, 1998, Department of Statistics, Malaysia; Malaysia & Population & Housing Census of Malaysia 2000: Preliminary Count Report, Department of Statistics, Malaysia.

Penang: Estimated Population by Ethnic Group (in '000)

Ethnic Group	**1991**	**1997**	**1998**
	(census)	(estimated)	(estimated)
Malaysian:	526.0	607.2	613.3
Malays	405.4	465.5	486.7
Other Bumiputera	1.1	1.3	1.9
Chinese	523.2	600.8	581.9
Indians	112.8	129.5	129.5
Others	5.8	6.6	6.6
Non-Malaysian Citizens	15.9	18.2	27.7
Total	**1,064.2**	**1,221.9**	**1,234.4**

Source: State Population Report, Penang, 1991, Department of Statistics, Malaysia; State/District Data Bank, 1997, 1998, Department of Statistics, Malaysia; Malaysia & Population & Housing Census of Malaysia 2000: Preliminary Count Report, Department of Statistics, Malaysia.



ECONOMIC

Penang: Gross Domestic Product 1990, 1995, 1997-2000 (In 1987 – Constant Prices, RM Milion)

	1990	1995	1997	1998	1999	2000(f)
Agri, forestry, fishing	228.4	216.3	223.2	223.2	225.5	227.7
M&Q	23.4	162.6	250.4	191.1	191.1	193.0
Manufacturing	3,394.3	5,935.8	7,219.1	6,390.4	7,005.8	7,960.0
Construction	249.5	439.0	537.8	414.2	414.2	418.2
Tertiary	3,987.0	6,761.4	8,037.2	7,959.4	8,174.1	8,510.8
Total (@ producers' value)	7,882.5	13,515.2	16,267.8	15,178.3	16,010.6	17,309.7
Total (@ purchasers' value)	7,685.4	13,193.6	15,789.4	14.455.0	15,372.7	16,620.0

Source: SERI
(f): forecast

Penang: Sectoral Share of Gross Domestic Product (%)

	1990	1995	1997	1998	1999	2000(f)
Agri, forestry, fishing	2.90	1.60	1.37	1.47	1.42	1.3
M&Q	0.30	1.20	1.54	1.26	1.20	1.1
Manufacturing	43.05	43.92	44.38	42.10	42.47	46.0
Construction	3.17	3.25	3.31	2.73	2.61	2.4
Tertiary	50.58	50.03	49.41	52.44	52.30	49.2
Total	100.00	100.00	100.00	100.00	100.00	100.00

Source: SERI
(f): forecast

Penang: Gross Domestic Product % Growth Per Annum

	1990-95	1995-97	1997-98	1998-99	1999-2000(f)
Agri, forestry, fishing	-1.1	1.6	0.0	1.0	1.0
M&Q	47.4	24.1	-23.7	0.0	1.0
Manufacturing	11.8	10.3	-11.5	9.6	13.6
Construction	12.0	10.7	-23.0	0.0	1.0
Tertiary	11.1	9.0	-1.0	2.7	4.1
Total (@ producers' value)	11.4	9.7	-6.7	5.5	8.1
Total (@ purchasers' value)	11.4	9.4	-8.6	6.3	8.1

Source: SERI
(f): forecast

EMPLOYMENT

Penang: Labour Force Participation Rate by Gender and Ethnic Group 1996 & 1997 (%)

	1996			1997		
	Male	Female	Total	Male	Female	Total
Total Malaysian	81.0	38.5	59.7	83.0	51.0	66.9
Malay	81.3	41.4	61.5	83.3	53.5	68.3
Other Bumiputera	100.0	100.0	100.0	100.0	100.0	100.0
Chinese	80.7	35.4	58.1	83.4	50.2	66.6
Indian	81.5	40.2	60.0	83.6	44.2	64.0
Others	73.1	42.8	57.4	60.9	50.2	56.4
Non-Malaysian	97.8	88.1	92.8	99.4	82.0	92.0
Total	81.4	39.9	60.6	84.0	52.4	68.2

Source: State/District Data Bank, Malaysia, 1997 & 1998

Penang: Employment by Gender and Economic Sectors 1996 & 1997 (%)

	1996			1997		
	Male	Female	Total	Male	Female	Total
Agri, Forestry & Fishing	4.4	0.9	3.2	2.9	0.5	2.0
M&Q	0.2	0.0	0.1	0.2	0.0	0.1
Manufacturing	33.8	50.8	39.4	37.5	47.9	41.1
Construction	6.7	0.4	4.7	9.3	1.4	6.2
Utilities	1.0	0.1	0.7	1.2	0.3	0.9
Transport, Storage, Comm.	8.1	1.8	6.0	7.5	1.5	5.2
WRHR	22.6	18.3	21.1	20.0	20.4	20.1
FIREBS	5.4	5.1	5.3	4.2	5.7	4.8
Community & Soc Services	17.9	22.7	19.5	17.3	22.4	19.2
Total	100.0	100.0	100.0	100.0	100.0	100.0

Source: State/District Data Bank, Malaysia, 1997 & 1998
Note: Slight discrepancies may occur due to rounding.

Penang: Employed Persons by Industry 1990-1999 ('000).

	1990	1992	1993	1995	1996	1997	1998	1999
Agri, Forestry & Fishing	24.8	18.4	18.2	12.0	14.4	11.0	19.7	15.9
M&Q	0.5	0.4	0.3	0.4	0.6	0.8	1.1	0.9
Manufacturing	172.8	218.8	222.5	215.3	177.0	228.7	237.7	237.7
Construction	34.1	32.3	28.6	27.4	20.9	34.4	39.0	38.6
Utilities	4.1	3.5	4.4	3.5	3.0	4.7	3.8	3.4
Transport, Storage, Comm.	25.5	28.7	32.9	27.6	27.1	28.6	32.6	27.3
WRHR	103.4	94.7	81.7	94.7	95.0	111.2	112.5	119.8
FIREBS	14.4	20.8	20.2	23.7	23.9	26.5	29.3	40.3
Community & Soc Services	77.8	95.0	122.1	81.1	87.5	106.1	109.5	119.0
Total	457.2	512.6	531.0	485.8	449.4	552.0	585.2	602.9

Source: Labour Force Survey, Department of Statistics, Malaysia
Note: Slight discrepancies may occur due to rounding.

PRIMARY SECTOR

AGRICULTURE

Penang: Agriculture Areas (in hectares) 1985-1998

Type	Year				
	1985	1990	1995	1997	1998
Rubber	27,210	19,000	13,487	13,487	13,487
Oil Palm	4,685	11,179	16,444	15,158	15,158
Padi	17,610	24,889	14,351	14,351	14,351
Coconut	14,137	5,674	2,479	2,479	2,479
Cocoa	1,114	1,751	1,683	143	143
Vegetables	510	1,014	1,314	1,216	1,778
Fruits	2,520	5,740	7,110	7,096	6,929
Cloves	408	237	224	224	69
Nutmeg	612	181	168	168	86
Cash Crops	1,086	239	199	234	474
Total	69,892	69,904	57,459	54,556	54,954

Source: Derived from data from the Jabatan Pertanian Negeri Pulau Pinang

SECONDARY SECTOR

MANUFACTURING

Penang: Approved Manufacturing Projects, Employment and Capital Investment, 1987-1999

Year	Approved Projects			Employment Generated	Capital Investment (RM Million)
	Malaysia	Penang	% of national		
1987	333	59	17.7	16,662	635.74
1988	732	73	10.0	17,833	729.56
1989	792	115	14.5	27,032	1,183.07
1990	906	132	14.6	24,952	1,867.26
1991	973	125	12.8	22,455	1,525.13
1992	874	119	13.6	14,295	1,096.05
1993	686	87	12.7	10,378	516.82
1994	870	95	10.9	15,203	934.49
1995	898	89	9.9	13,779	1,606.65
1996	782	97	12.4	11,993	3,185.40
1997	759	90	11.9	9,736	1,449.10
1998	844	104	12.3	10,911	2,666.52
1999	708	93	13.1	4,762	2,685.3

Source: Derived from data provided by MIDA Penang

Penang: Approved Manufacturing Projects by Industry 1998-2000

Industry	No. of Projects			Investment (RM Million)		
	1998	**1999**	**2000**	**1998**	**1999**	**2000**
Electrical & Electronic	49	46	57	674.5	4,609.6	3,307.1
Chemicals & Chemical Prod.	4	3	6	79.6	8.9	387.9
Fabricated Metal Products	7	5	7	32.4	11.8	55.4
Basic Metal Products	8	4	7	1,478.9	33.4	79.4
Machinery Manufacturing	11	5	8	66.8	3.3	51.0
Non-Metallic Mineral Prod.	3	4	-	-	-	-
Plastic Products	2	8	7	45.3	14.2	129.6
Paper, Printing & Publishing	4	3	7	173.3	3.6	163.8
Rubber Products	2	-	-	7.8	-	-
Textile & Garments	1	6	6	7.5	29.7	47.8
Food Manufacturing	6	1	15	62.8	3.5	132.7
Wood & Wood Products	1	2	3	1.1	26.2	33.0
Transport Equipment	4	3	4	21.3	6.4	22.6
Others	2	3	4	15.2	11.6	32.3
Total	104	93	131	2,666.5	4,762.2	4442.6

Source: Derived from data provided by MIDA Penang

Approved Manufacturing Projects and Investment by State 1998 –2001 (Jan-Feb)

State	No. of Projects				Investment (RM Million)			
	1998	1999	2000	2001 (Jan-Feb)	1998	1999	2000	2001 (Jan-Feb)
Wilayah Persekutuan								
Kuala Lumpur	17	30	16	4	74.2	277.7	157.2	17.2
Labuan	-	-	1	-	-	-	27.0	-
Terengganu	28	15	7	-	7,165.3	1,336.4	93.8	-
Johor	159	172	178	34	4,513.5	2,312.0	2,420.2	677.8
Selangor	221	187	220	55	3,832.5	2,572.2	7,797.8	522.0
Pulau Pinang	**104**	**93**	**131**	**22**	**2,666.5**	**4,777.8**	**4,442.8**	**980.7**
Sarawak	62	23	30	7	1,549.5	261.3	8,113.9	207.7
Pahang	31	14	25	3	2,472.5	287.2	2,830.4	92.2
Negeri Sembilan	34	32	29	1	934.7	228.2	2,172.0	6.3
Sabah	43	5	14	3	926.0	27.3	369.3	4,534.0
Kedah	44	43	45	4	747.1	567.8	988.9	28.9
Melaka	34	35	37	1	903.1	2,871.0	1,001.7	2.1
Perak	52	55	57	4	510.9	1,293.2	3,058.5	253.8
Kelantan	12	4	5	3	54.2	16.6	33.3	7.7
Perlis	3	-	1	-	20.1	-	-	-
Location Unconfirmed	1	-	2	-	35.5	-	37.0	-
Total	844	708	500	141	26,405.6	17,020.2	33,543.8	7,330.4

Source: Derived from data provided by MIDA Penang

Penang: Manufacturing Industry – Principal Statistics

Industry Description	No. of Establishments			Total Employees		
	1995	1996	1997	1995	1996	1997
Food Products	130	270	104	8,254	8,683	7,851
Oil & Fats	17	16	12	1,236	1,128	952
Textile & Apparel	98	197	65	22,701	20,004	17,984
Wood Products excluding furniture	27	67	19	2,882	2,913	2,058
Wood-based furniture	9	61	8	725	675	1,126
Paper Products	42	152	52	8,482	9,131	9,286
Chemical Products	47	58	32	4,741	4,248	4,439
Rubber Products	20	32	16	8,248	7,390	9,206
Plastic Products	21	108	35	10,168	10,070	10,973
Non-metallic Mineral Products	30	40	14	1,143	1,482	845
Basic Iron & Steel Industry	22	84	26	5,145	5,870	4,919
Non-Ferrous Metal Products	8	10	8	2,257	2,230	2,044
Fabricated Metal Products	58	165	42	6,169	5,744	7,039
Non-electrical Machinery	43	113	47	14,058	17,192	22,251
Electrical Machinery	64	132	64	103,906	117,038	116,845
Motor Vehicles & Other Transport	27	26	16	3,252	3,498	3,166
Scientific & Optical Equipment	10	9	10	4,636	4,288	4,403
Others	41	72	39	6,852	7,161	6,553
TOTAL	**714**	**1612**	**609**	**214,855**	**228,745**	**231,940**

Source: Derived from data provided by DOS, Penang

Industry Description	Value Added (RM '000)			Value Added per Employee (RM)		
	1995	1996	1997	1995	1996	1997
Food Products	389,350	449,794	502,584	47,171	51,802	64,015
Oil & Fats	69,815	84,013	99,709	56,485	74,480	104,736
Textile & Apparel	670,087	540,001	636,663	29,518	26,995	35,402
Wood Products excluding furniture	54,298	74,462	54,197	18,840	25,562	26,335
Wood-based furniture	17,625	18,351	27,919	24,310	27,187	24,795
Paper Products	333,920	360,418	415,627	39,368	39,472	44,758
Chemical Products	473,106	410,719	470,238	99,790	96,685	105,933
Rubber Products	345,321	359,762	615,850	41,867	48,682	66,897
Plastic Products	327,794	347,122	429,905	32,238	34,471	39,178
Non-metallic Mineral Products	55,004	71,413	58,627	48,122	48,187	69,381
Basic Iron & Steel Industry	400,078	531,305	443,918	77,761	90,512	90,246
Non-Ferrous Metal Products	118,592	71,446	100,363	52,544	32,039	49,101
Fabricated Metal Products	199,868	281,155	318,476	32,399	48,948	45,244
Non-electrical Machinery	493,885	1,075,660	1,889,346	35,132	62,567	84,911
Electrical Machinery	4,574,690	5,797,228	6,945,405	44,027	49,533	59,441
Motor Vehicles & Other Transport	268,269	251,036	302,918	82,494	71,766	95,678
Scientific & Optical Equipment	163,667	144,224	127,978	35,303	33,634	29,066
Others	167,501	190,716	177,179	24,446	26,633	27,038
TOTAL	**9,122,870**	**11,058,825**	**13,596,902**	**42,461**	**48,346**	**58,622**

Source: Derived from data provided by DOS, Penang

Industry Description	Fixed Assets (RM '000)			Salaries/Wages (RM'000)		
	1995	1996	1997	1995	1996	1997
Food Products	412,048	480,079	603,470	98,546	109,617	118,391
Oil & Fats	122,691	109,714	184,952	20,133	18,925	18,246
Textile & Apparel	719,554	627,836	518,318	266,931	264,245	243,811
Wood Products excluding furniture	49,118	98,772	83,569	27,408	33,892	24,374
Wood-based furniture	11,552	12,136	34,981	5,970	5,640	12,218
Paper Products	630,770	753,580	815,447	105,611	131,499	145,972
Chemical Products	1,218,710	1,179,135	1,234,920	89,030	87,424	98,121
Rubber Products	261,714	364,477	485,947	93,712	99,216	139,511
Plastic Products	340,235	433,543	727,924	107,049	120,826	145,153
Non-metallic Mineral Products	98,998	121,160	93,703	15,933	21,959	16,110
Basic Iron & Steel Industry	1,079,877	1,207,705	1,554,768	88,823	107,147	100,411
Non-Ferrous Metal Products	128,503	133,676	127,456	35,168	39,402	39,290
Fabricated Metal Products	384,050	499,129	515,000	61,888	68,542	92,627
Non-electrical Machinery	596,604	996,904	1,509,561	158,706	254,953	372,526
Electrical Machinery	5,222,943	4,814,563	6,900,095	1,410,659	1,698,672	1,853,198
Motor Vehicles & Other Transport	208,092	162,632	167,354	53,391	58,319	60,443
Scientific & Optical Equipment	169,814	156,939	153,980	73,687	73,872	79,969
Others	154,809	161,055	198,008	71,394	82,089	86,525
TOTAL	11,810,082	12,313,035	**15,909,453**	2,784,039	3,276,239	**3,646,896**

Source: Derived from data provided by DOS, Penang

Industry Description	Tech. Coef. Of Labour			Capital Intensity (RM)		
	1995	1996	1997	1995	1996	1997
Food Products	0.0491	0.0515	0.050788	49,921	55,290	76,865
Oil & Fats	0.0125	0.0180	0.010606	99,265	97,264	194,277
Textile & Apparel	0.1311	0.1412	0.121092	31,697	31,386	28,821
Wood Products excluding furniture	0.1109	0.1229	0.115312	17,043	33,907	40,607
Wood-based furniture	0.1184	0.1054	0.132739	15,934	17,979	31,067
Paper Products	0.1129	0.1207	0.132671	74,366	82,530	87,815
Chemical Products	0.0491	0.0542	0.048993	257,058	277,574	278,198
Rubber Products	0.0915	0.0993	0.105401	31,731	49,320	52,786
Plastic Products	0.1294	0.1345	0.137378	33,461	43,053	66,338
Non-metallic Mineral Products	0.1037	0.1053	0.080703	86,612	81,754	110,891
Basic Iron & Steel Industry	0.0459	0.0475	0.049095	209,889	205,742	316,074
Non-Ferrous Metal Products	0.0412	0.0434	0.040056	56,935	59,944	62,356
Fabricated Metal Products	0.0810	0.0868	0.090061	62,255	86,896	73,164
Non-electrical Machinery	0.0513	0.0514	0.047616	42,439	57,987	67,842
Electrical Machinery	0.0714	0.0724	0.074678	50,266	41,137	59,053
Motor Vehicles & Other Transport	0.0668	0.0642	0.069487	63,989	46,493	52,860
Scientific & Optical Equipment	0.1988	0.2173	0.245376	36,629	36,600	34,972
Others	0.0815	0.1179	0.072871	22,593	22,491	30,216
TOTAL	**0.0711**	**0.0736**	**0.071328**	**54,968**	**53,829**	**68,593**

Source: Derived from data provided by DOS, Penang

TERTIARY SECTOR

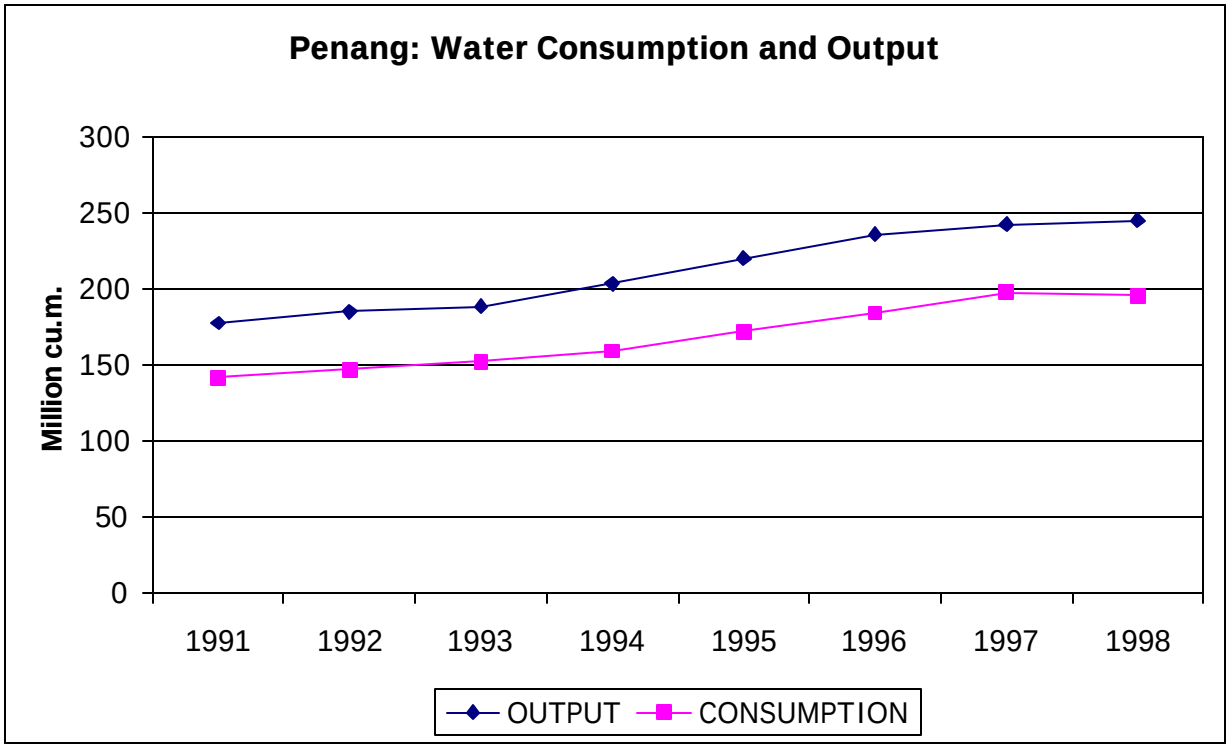
UTILITIES

WATER

Penang: Water Output And Consumption 1991-1999 (June) ('000 cubic Metres)

Year	Output	% Increase	Consumption	% Increase
1991	177,829	-	141,866	-
1992	185,413	4.3	147,424	3.9
1993	188,685	1.8	152,477	3.4
1994	204,006	8.1	159,598	3.4
1995	220,550	8.1	172,321	8.0
1996	235,931	7.0	184,541	7.1
1997	242,531	2.8	198,038	7.3
1998	245,425	1.2	195,668	-1.2
1998 (Jan-Jun)	123,602		100,697	
1999 (Jan-Jun)	124,765	0.9	98,092	-2.6

Source: Derived from data provided by the Penang Water Authority



Source: Derived from data provided by the Penang Water Authority

Penang: Daily Water Supply and Consumption 1997 & 1999

	1998			1999		
	Penang Island	Seberang Perai	Penang State	Penang Island	Seberang Perai	Penang State
No. of Treatment Plants	6	4	10	6	4	10
Max. Capacity of Treatment Plants (cu.m./day)	168,182	704,545	872,727	172,727	881,820	1,054,547
Average Daily Production (cu.m.)	336,556	335,843	672,399	116,788	533,542	650,330
Average Daily Consumption (cu.m)	269,745	266,333	536,078	275,963	265,979	541,942
No. of Services (consumers)	161,096	153,825	314,921	168,000	160,300	328,300
Daily Consumption (cu.m)						
Per consumer	1.67	1.73	1.70	1.64	1.66	1.65
Per industrial consumer	7.16	6.16	6.63	6.76	5.71	6.24
Per domestic consumer	1.09	1.16	1.13	1.08	1.12	1.1

Source: Derived from data provided by the Penang Water Authority

ELECTRICITY

Penang: Power Demand & Supply

Year	Maximum Demand (MW)	Installed Capacity (MW)	Excess Capacity (%)
1992	593	800	34.9
1993	637	800	25.6
1994	715	800	11.9
1995	784	800	2.0
1996	869	1442	65.9
1997	970	2186	56.0
1998	954	2014	111.0
1999*	987	2091	112.0
2000*	1022	2244	120.0

Note: * Projected Figures
Source: TNB, Penang.

TRANSPORT

ROAD TRANSPORT

Motor Vehicle Re-registration 2000

Month	Region	Motorcycle	Private Passenger Car	Taxi	Bus	Lorry & Van	Hire Car	Others	Total
January	Penang	642445	356985	2399	3763	35364	312	11418	1,052,686
	Malaysia	5108435	3813234	55815	47798	644509	9987	305045	9,984,823
February	Penang	645253	359551	2398	3767	35466	314	11453	1,058,202
	Malaysia	5133301	3837746	55776	47870	646030	9943	305681	10,036,347
March	Penang	648805	362911	2402	3790	35606	321	11472	1,065,307
	Malaysia	5160384	3870730	55829	47960	648668	10051	306574	10,100,196
April	Penang	651583	365965	2400	3806	35755	330	11506	1,071,345
	Malaysia	5182744	3900607	55902	48004	650674	10052	307347	10,155,330
May	Penang	654249	369332	2402	3813	35892	335	11553	1,077,576
	Malaysia	5204686	3930818	55983	48076	652831	10060	308197	10,210,651
June	Penang	657199	372683	2412	3824	36049	335	11628	1,084,130
	Malaysia	5226195	3959642	56036	48166	654840	10152	309059	10,264,090
July	Penang	659975	376227	2421	3845	36169	340	11666	1,090,643
	Malaysia	5251054	3991576	56061	48283	656737	10168	310248	10,324,127
August	Penang	662948	379824	2420	3857	35301	337	11727	1,097,414
	Malaysia	5274814	4023863	48362	56104	658567	10378	311330	10,383,418
September	Penang	665695	382523	2427	3868	36429	336	11794	1,103,072
	Malaysia	5297220	4051994	56072	48470	660505	10503	312429	10,437,193
October	Penang	668427	386098	2439	3880	36567	344	11853	1,109,608
	Malaysia	5317860	4083469	56150	48523	662063	10649	313396	10,492,110

New Motor Vehicle Registration 2000

Month	Region	Motorcycle	Private Passenger Car	Taxi	Bus	Lorry & Van	Hire Car	Others	Total
January	Penang	2868	2590	3	6	114	0	19	5,600
	Malaysia	23293	25278	169	61	1666	85	747	51,299
February	Penang	2780	2552	3	1	106	6	55	5,503
	Malaysia	20880	23246	174	27	1434	103	622	46,486
March	Penang	3404	3282	10	2	156	11	36	6,901
	Malaysia	22677	30878	267	40	2495	278	844	57,479
April	Penang	2751	2985	5	4	171	9	54	5,979
	Malaysia	18940	28552	284	27	2174	112	852	50,941
May	Penang	2705	3460	12	1	153	3	58	6,392
	Malaysia	19523	29954	316	44	2334	216	987	53,374
June	Penang	2938	3346	6	4	158	2	88	6,542
	Malaysia	19340	27836	229	46	2167	199	881	50,698
July	Penang	2754	3545	4	4	142	0	49	6,498
	Malaysia	20824	30605	217	64	2019	271	1121	55,121
August	Penang	2952	3571	9	5	144	4	62	6747
	Malaysia	20336	31235	233	56	2130	324	1165	55479
September	Penang	2638	2670	10	3	156	3	72	5552
	Malaysia	19372	26898	152	57	2191	441	1218	50329
October	Penang	2605	3553	11	1	155	7	59	6391
	Malaysia	18052	30321	242	34	1971	367	1008	51995

Source: Derived from the statistics provided by Jabatan Pengangkutan Jalan, Malaysia

TRADE

PENANG AIRPORT

Aircraft Movements per annum, 1991-2001 (Jan-Mar)

Year	No. of Movement
1991	30,818
1992	36,826
1993	35,034
1994	35,950
1995	35,556
1996	36,956
1997	35,445
1998	31,816
1999	27,465
2000	27,951
2001 (Jan-Mar)	7,080

Source: Derived from series of Airport Statistics, Malaysia Airports Berhad

Number of Passengers (Domestic & International) per annum, 1991-2001 (Jan-Mar)

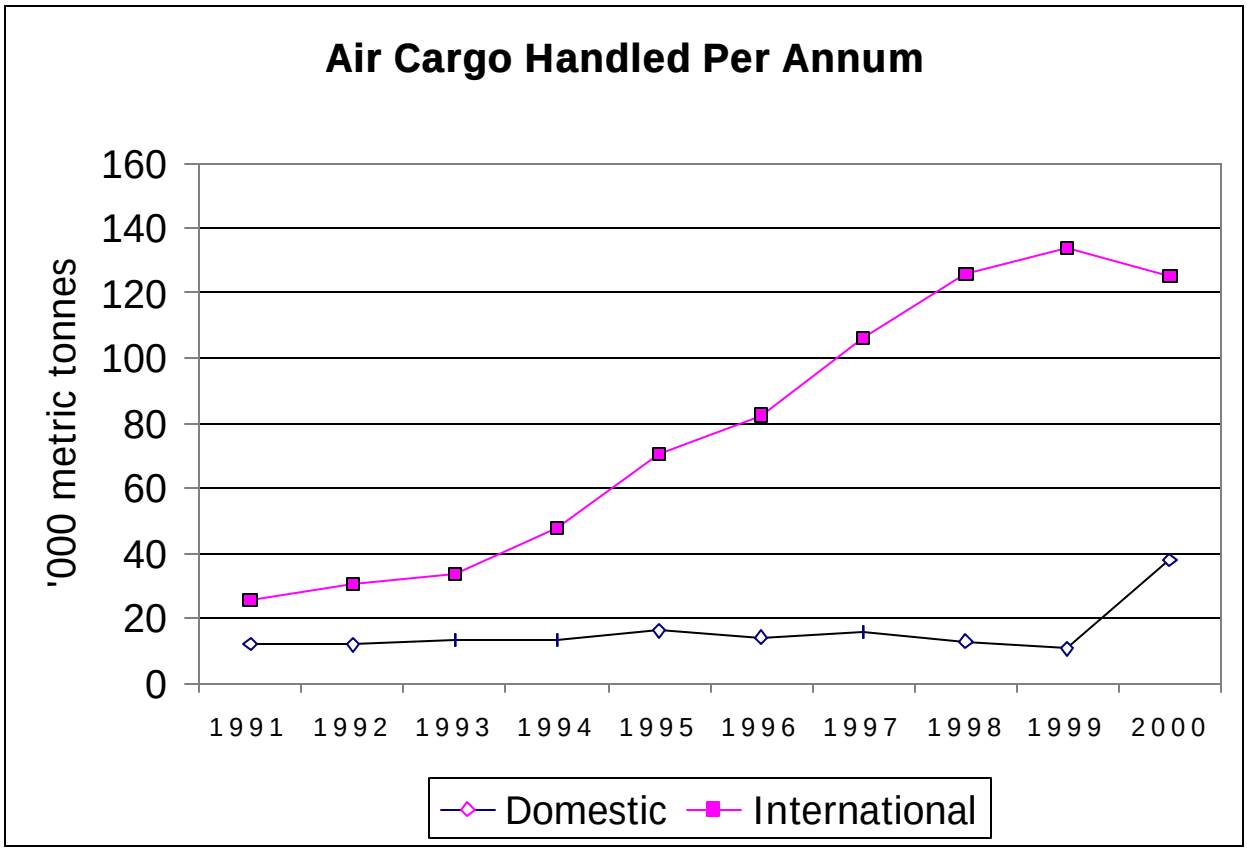
Year	No. of Passengers (millions)		
	Domestic	International	Total
1991	1.27	0.90	2.17
1992	1.56	1.08	2.64
1993	1.65	1.13	2.78
1994	1.58	1.20	2.78
1995	1.60	1.25	2.85
1996	1.70	1.18	2.88
1997	1.68	1.23	2.91
1998	1.35	1.10	2.45
1999	1.35	1.10	2.45
2000	1.27	1.48	2.74
2001 (Jan-Mar)	0.32	0.36	0.67

Source: Derived from series of Airport Statistics, Malaysia Airports Berhad

Cargo Handled (Domestic & International) per annum, 1991-2001 (Jan-Mar)

Year	Cargo Handled (in '000 metric tonnes)*		
	Domestic	International	Total
1991	12.06	25.72	37.78
1992	11.84	30.78	42.62
1993	13.21	33.42	46.63
1994	13.38	47.58	60.96
1995	16.13	70.70	86.83
1996	14.16	82.37	96.53
1997	15.96	106.21	122.17
1998	12.32	124.74	137.06
1999	10.62	133.89	144.51
2000	37.87	125.43	163.30
2001 (Jan-Mar)	7.63	31.93	39.56

* The figures from 1993 onwards are based on new categorization method.
Source: Derived from series of Airport Statistics, Malaysia Airports Berhad.



PENANG PORT

Annual Number of Shipcalls, 1991-2000 (Jan-Oct)

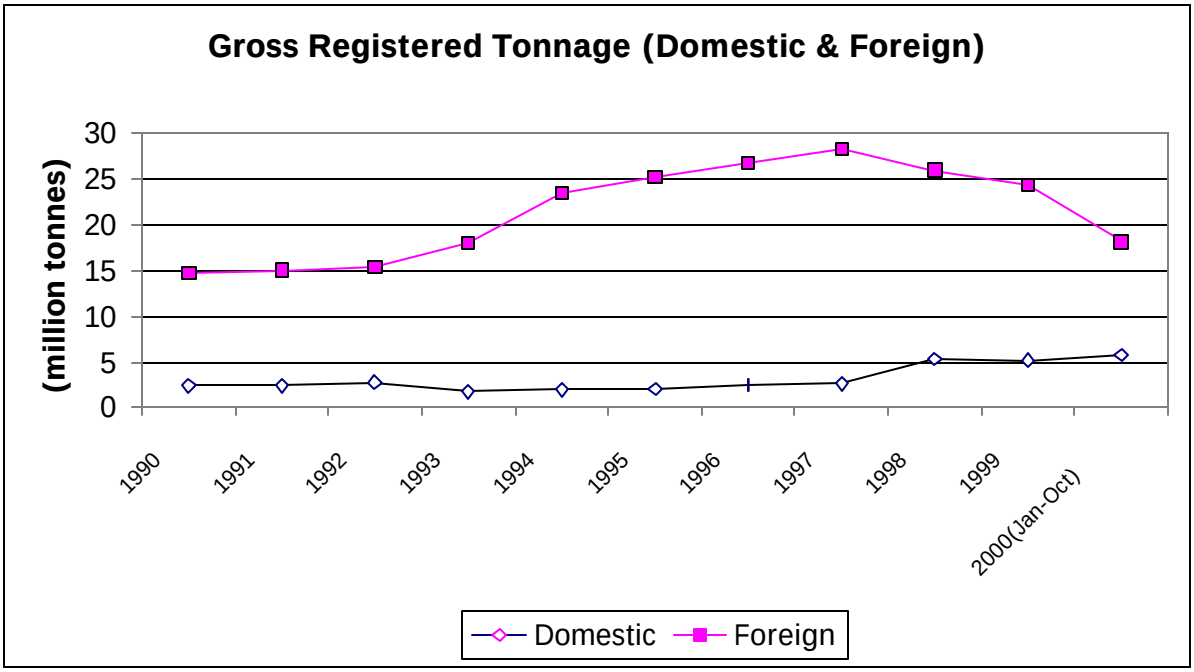
Year	Domestic	Foreign	Total
1990	2,437	3,091	5,528
1991	2,750	3,051	5,801
1992	3,058	3,208	6,266
1993	1,327	4,716	6,043
1994	1,379	4,820	6,199
1995	1,443	5,022	6,465
1996	1,416	5,117	6,533
1997	1,725	5,346	7,071
1998	2,553	5,072	7,625
1999	2,635	4,736	7,371
2000 (Jan-Oct)	2,674	3,321	5,995

Source: Derived from the statistics provided by Penang Port Sdn Bhd

Gross Registered Tonnage (Domestic & Foreign) in Million, 1991-2000 (Jan-Oct)

Year	Domestic	Foreign	Total
1990	2.38	14.78	17.16
1991	2.41	15.05	17.46
1992	2.81	15.33	18.14
1993	1.75	18.02	19.77
1994	1.95	23.40	25.35
1995	2.06	25.26	27.32
1996	2.43	26.76	29.19
1997	2.59	28.23	30.82
1998	5.29	25.93	31.22
1999	5.19	24.35	29.54
2000 (Jan-Oct)	5.80	18.08	23.88

Source: Derived from the statistics provided by Penang Port Sdn Bhd



Source: Derived from the statistics provided by Penang Port Sdn Bhd

Type of Cargo Handled, 1990-2000

Year	General Cargo	Dry Bulk	Liquid Bulk	Containerised	Total	Container
	(million freight tonnes)					
1990	2.21	2.06	2.73	3.85	10.85	222,441
1991	2.02	2.31	2.94	4.79	12.06	251,849
1992	1.99	2.46	3.14	5.63	13.22	303,367
1993	1.96	2.90	3.28	6.22	14.36	330,915
1994	1.93	2.60	3.31	7.29	15.14	386,182
1995	2.12	2.99	3.46	8.10	16.67	433,474
1996	2.11	3.20	3.52	8.67	17.50	454,765
1997	2.59	3.37	4.11	9.62	19.69	506,863
1998	1.67	2.23	3.86	8.69	16.45	510,307
1999	1.85	2.77	3.99	10.15	18.76	566,409
2000	1.84	3.46	4.11	11.06	20.47	533,390 (Jan-Oct)

Source: Derived from the statistics provided by Penang Port Sdn Bhd

TOURISM

Penang: Average Occupancy Rate, Number of Registered Guests and Estimated Total Visitor Arrivals

	1996	1997	1998	1999	2000 (Jan-June)
Average Occupancy Rate	61.64%	59.40%	60.35%	59.66%	54.97%
Average Occupancy Rate for Beach Hotels	59.61%	56.93%	66.07%	62.90%	65.21%
Average Occupancy for City Hotels	64.98%	63.29%	52.35%	56.26%	47.64%
Number of Registered Guests Recorded	1,966,942	1,923,781	1,738,385	2,169,871	n.a.
Estimated Total Visitor Arrivals for the State	3,444,148	3,167,239	3,251,141	3,519,660	1,745,489
Estimated Total Domestic Visitors	44.24%	47.80%	39.10%	41.48%	n.a.
Estimated Total International Visitors	55.76%	52.20%	60.90%	58.52%	n.a.

Source: Tourism Development Division, PDC

PROPERTY

Penang: Average House Prices (Jul-Dec 1999) (Average Prices RM/Unit)

	Terraced		Semi-Detached		Detached		High-Rise	
	Single Storey	Double Storey	Single Storey	Double Storey	Single Storey	Double Storey	Flat	Condo./ Apt.
Penang Island	106,859	192,023	175,517	308,030	323,509	570,359	99,567	233,888
Barat Daya	159,895	120,893	258,379	279,571	184,347	492,000	93,438	153,391
S Perai Selatan	74,291	103,805	104,826	171,263	167,104	418,605	ND	ND
S Perai Tengah	96,667	88,000	133,774	202,011	125,835	262,977	55,584	73,786
S Perai Utara	121,765	120,000	170,839	255,667	174,439	417,667	74,005	115,280
Timur Laut	259,699	250,000	385,217	452,651	984,418	1,094,884	107,591	256,348

Source: Derived from Malaysia House Price Indices

Penang: Average House Prices (Jan-Jun 2000) (Average Prices RM/Unit)

	Terraced		Semi-Detached		Detached		High-Rise	
	Single Storey	Double Storey	Single Storey	Double Storey	Single Storey	Double Storey	Flat	Condo./ Apt.
Penang Island	115,330	210,668	184,077	413,379	375,127	814,162	107,389	224,604
Barat Daya	211,415	309,074	360,000	521,533	148,500	498,400	88,269	171,094
S Perai Selatan	77,135	125,841	98,420	215,900	122,964	443,100	37,500	ND
S Perai Tengah	103,619	159,414	144,714	253,454	145,500	350,000	56,093	ND
S Perai Utara	113,259	159,881	186,250	294,187	197,000	135,000	74,083	116,000
Timur Laut	280,850	372,892	381,818	541,464	767,375	1,177,158	114,822	240,476

Source: Derived from Malaysia House Price Indices

Penang: Number of Transactions by Price Range for the Principal Property Sectors

	Residential		Commercial		Industrial		Agriculture		Development Land		Others		Total	
	1998	1999	1998	1999	1998	1999	1998	1999	1998	1999	1998	1999	1998	1999
0-25,000	247	203	14	10	0	2	398	364	64	61	2	0	725	640
25,001-50,000	594	581	11	8	1	1	195	198	73	51	2	0	876	839
50,001-75,000	1435	1458	22	33	2	0	119	128	72	26	4	0	1654	1645
75,001-100,000	1364	1430	33	40	0	1	90	94	40	9	3	1	1530	1575
100,001-150,000	1236	1548	83	77	7	6	91	72	41	29	3	3	1461	1735
150,001-200,000	643	854	110	178	41	20	50	61	30	24	2	0	876	1137
200,001-250,000	338	351	131	107	57	38	36	29	20	14	0	0	582	539
250,001-500,000	507	780	328	254	205	127	55	57	62	52	8	1	1165	1271
500,001-1,000,000	126	159	106	97	35	47	23	19	42	34	3	0	335	356
1,000,000 & above	16	29	11	19	17	23	23	9	95	32	6	0	168	112
Total	6506	7393	849	823	365	265	1080	1031	539	332	33	5	9372	9849
(% Breakdown)	69.4	75.1	9.1	8.4	3.9	2.7	11.5	10.5	5.8	3.4	0.4	0.1	100.0	100.0

Source: Derived from Malaysia House Price Indices, Jan-Jun 1998, Jul-Dec 1999, and series of Property Market Reports

Penang: House Price Indices

Index 1990 = 100

Year	Indices				
	Terraced	Semi-Detached	Detached	High-Rise	All Houses
1988	90.0	87.2	72.9	77.9	87.7
1989	92.0	92.5	77.5	88.1	92.2
1990	100.0	100.0	100.0	100.0	100.0
1991	110.6	111.3	118.2	117.6	111.7
1992	113.9	116.0	135.1	125.5	115.7
1993	118.5	125.3	145.2	132.7	124.3
1994	126.0	143.3	162.5	145.0	132.5
1995	149.7	151.1	180.9	160.0	145.0
1996	153.7	170.0	197.2	156.4	152.1
1997	165.7	184.6	206.1	170.8	169.2
1998	157.7	167.3	179.2	162.7	159.4
1999	161.0	169.3	173.4	163.4	165.4
2000 (Jan-Jun)	177.4	186.5	186.9	164.6	171.5

Source: Derived from Malaysia House Price Indices, Jan-Jun 1998, Jul-Dec 1999, and series of Property Market Reports

EDUCATION

Penang: Number of Schools, Students and Teachers at the Primary Level 1998, 2000, 2001

Type of School	No. of Schools			No. of Students			No. of Teachers		
	1998	2000	2001	1998	2000	2001	1998	2000	2001
SK/SRK	123	123	127	77,733	80,642	80,230	4,051	4,221	4,200
SRJK(C)	90	90	90	54,124	55,329	53,808	2,504	2,538	2,607
SRJK(T)	28	28	28	4,815	4,761	4,848	343	342	346
SR Khas	3	3	3	199	200	164	54	53	45
Total	244	244	248	136,871	140,932	139,050	6,952	7,154	7,198

Source: Jabatan Pendidikan Pulau Pinang

Penang: Number of Schools, Students and Teachers at the Secondary Level 1998, 2000, 2001

Type of School	No. of Schools			No. of Students			No. of Teachers		
	1998	2000	2001	1998	2000	2001	1998	2000	2001
SM Biasa	71	71	75	101,889	103,308	104,295	5,536	5,669	5,837
SM (Asrama Penuh)	1	1	1	525	668	624	72	75	72
SM Khas	1	1	1	246	215	197	43	198	44
SM Vokasional & Teknik	5	5	5	2,827	3,434	2,299	311	44	343
SM Agama	4	4	4	2,252	2,586	2,958	186	318	206
Total	82	82	86	107,739	110,211	110,373	6,148	6,304	6,502

Source: Jabatan Pendidikan Pulau Pinang

HEALTH

Life Expectancy (Peninsula Malaysia):

Male	69.6 years
Female	74.6 years

Vital Statistics of Penang (per thousand), 1991-2000 (Jan-May):

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000(f)
Crude Birth Rate	22.3	21.9	21.5	22.8	24.9	23.6	21.8	20.8	20.9	19.00
Crude Death Rate	5.5	4.5	5.3	6.3	5.9	6.4	6.2	6.2	6.09	6.00
Infant Mortality Rate	8.2	8.7	9.0	8.7	7.2	7.5	7.0	6.2	5.55	5.31
Prenatal Mortality Rate	12.6	13.9	12.8	12.5	9.9	9.5	8.6	8.3	8.97	7.35
Neonatal Mortality Rate	6.3	6.2	6.8	6.3	5.0	5.3	4.9	4.1	3.98	4.90
Toddler Mortality Rate	0.4	0.5	0.4	0.3	0.4	0.4	0.3	0.4	0.19	0.15
Maternal Mortality Rate	0.5	0.4	0.3	0.6	0.3	0.3	0.4	0.5	0.16	0.16

(f): Forecast

Source: Penang State Health Department, series of Penang Health Information and from unpublished sources

Penang: Ratio of Medical Professionals – Population

	1993	1994	1995	1996	1997	1998	1999	2000(f)
Doctor	1:1435	1:1514	1:1482	1:1432	1:1353	1:1244	1:1194	1:1145
Dentist	1:11932	1:9365	1:9576	1:8882	1:9258	1:9425	1.8203	1:7871
Nurse	1:606	1:713	1:669	1:677	1:728	1:689	1.633	1:600

(f): Forecast

Source: Penang State Health Department, series of Penang Health Information and from unpublished sources

Penang: Health Facilities 1996-2000

	1996	1997	1998	1999	2000
Government Hospital	5	5	5	5	5
Private Hospital	10	11	11	11	11
Private Maternity Home	8	7	7	8	8
Polyclinic	6	6	6	6	6
Mother & Child Health Care	12	12	12	12	12
Health Centre	16	16	16	16	16
Rural Clinics	28	28	61	61	61
Midwives-quarters-cum-clinics	38	38	3	3	3

Source: Penang State Health Department, series of Penang Health Information and from unpublished sources

Penang: No. of Hospital Beds (Government & Private) According to Administrative District

District	1998			1999			2000		
	Govt	Private	**Total**	Govt	Private	**Total**	Govt	Private	**Total**
Timur Laut	1276	1523	**2799**	1236	1394	**2630**	1236	n.a	**n.a**
Barat Daya	71	50	**121**	71	50	**121**	314	n.a	**n.a**
S. Perai Utara	0	200	**200**	314	198	**198**	260	n.a	**n.a**
S. Perai Tengah	546	115	**661**	260	115	**689**	130	n.a	**n.a**
S. Perai Selatan	130	0	**130**	130	0	**130**	71	n.a	**n.a**
Total	**2023**	**1888**	**3911**	**2011**	**1757**	**3768**	**2011**	n.a	**n.a**

Source: Penang State Health Department, series of Penang Health Information and from unpublished sources

Penang: HIV/AIDS (Total Identified Cases)

	1995	1996	1997	1998	1999	2000 (Jan-Jun)
HIV	174	194	215	187	225	88
AIDS	14(13)	24(24)	27(27)	52(35)	105(55)	33(24)

Note: ( ) = deaths

Source: Penang State Health Department