

Penang Statistics

March 2003



by

Socio-Economic & Environmental Research Institute
10 Brown Road, 10350 Penang
Tel: (04) 228 3306 Fax: 226 7042
E-mail: seripg@tm.net.my
Website: <http://www.seri.com.my>

CONTENTS

PHYSICAL ATTRIBUTES	
Area, Location & Climate	3
DEMOGRAPHY	
/ Penang: Population And Distribution by District	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: Employment by Gender and Economic Sectors (%)	6
Penang: Employed Persons by Industry	6
PRIMARY SECTOR	
AGRICULTURE	
Penang: Agriculture 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 State	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
EDUCATION & HEALTH	
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	21
Penang: No. Of Hospital Beds (Government & Private) According to Administrative District	22
Penang: No. of Beds, Bed Occupancy Rate (BOR) & Average Length of Stay (ALOS) for Government Hospitals	22
Penang: HIV / AIDS (Total Identified Cases)	22
SELECTED NATIONAL STATISTICS	
/ Malaysia: Gross Domestic Product by Sector (Current Prices & 1987 Prices)	23
/ Malaysia: Currency Exchange Rates	23
/ Malaysia: National Indices & Employment Data	24
/ Malaysia: Federal Government Accounts	24
/ Malaysia: Producer Price Index	24
/ Malaysia: Consumer Price Index	25
/ Malaysia: Index of Industrial Production	26

/ Updated Figures

PHYSICAL ATTRIBUTES

Area:

<i>State of Penang</i>	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:

<i>Tropical Monsoon</i>	
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

<i>District</i>	1991	1997	1998	2000	2002
	(census)	(estimated)	(estimated)	(census)	(estimated)
Timur Laut	395.7	433.8	443.7	444.9	466.0
Barat Daya	122.8	147.4	151.6	169.4	181.9
Seberang Perai Utara	224.6	254.9	256.3	259.8	266.1
Seberang Perai Tengah	236.3	278.9	284.9	313.6	337.4
Seberang Perai Selatan	84.8	96.9	97.9	125.7	138.9
State of Penang	1,064.2	1,221.9	1,234.4	1,313.4	1,390.3

Source: State Population Report, Penang, 1991, Department of Statistics (DOS), Malaysia; State/District Data Bank, 1997, 1998, DOS; Population and Housing Census of Malaysia 2000: Population Distribution and Basic Demographic Characteristics.

Note: Slight discrepancies may occur due to rounding.

Penang: Estimated Population by Sex (in '000)

<i>Gender</i>	1991	1997	1998	2000
	(census)	(estimated)	(estimated)	(census)
Male	526.0	607.2	613.3	654.1
Female	538.1	614.7	621.1	659.4
Total	1,064.2	1,221.9	1,234.4	1,313.4

Source: State Population Report, Penang, 1991, DOS, Malaysia; State/District Data Bank, 1997, 1998, DOS, Malaysia; Population and Housing Census of Malaysia 2000: Population Distribution and Basic Demographic Characteristics.

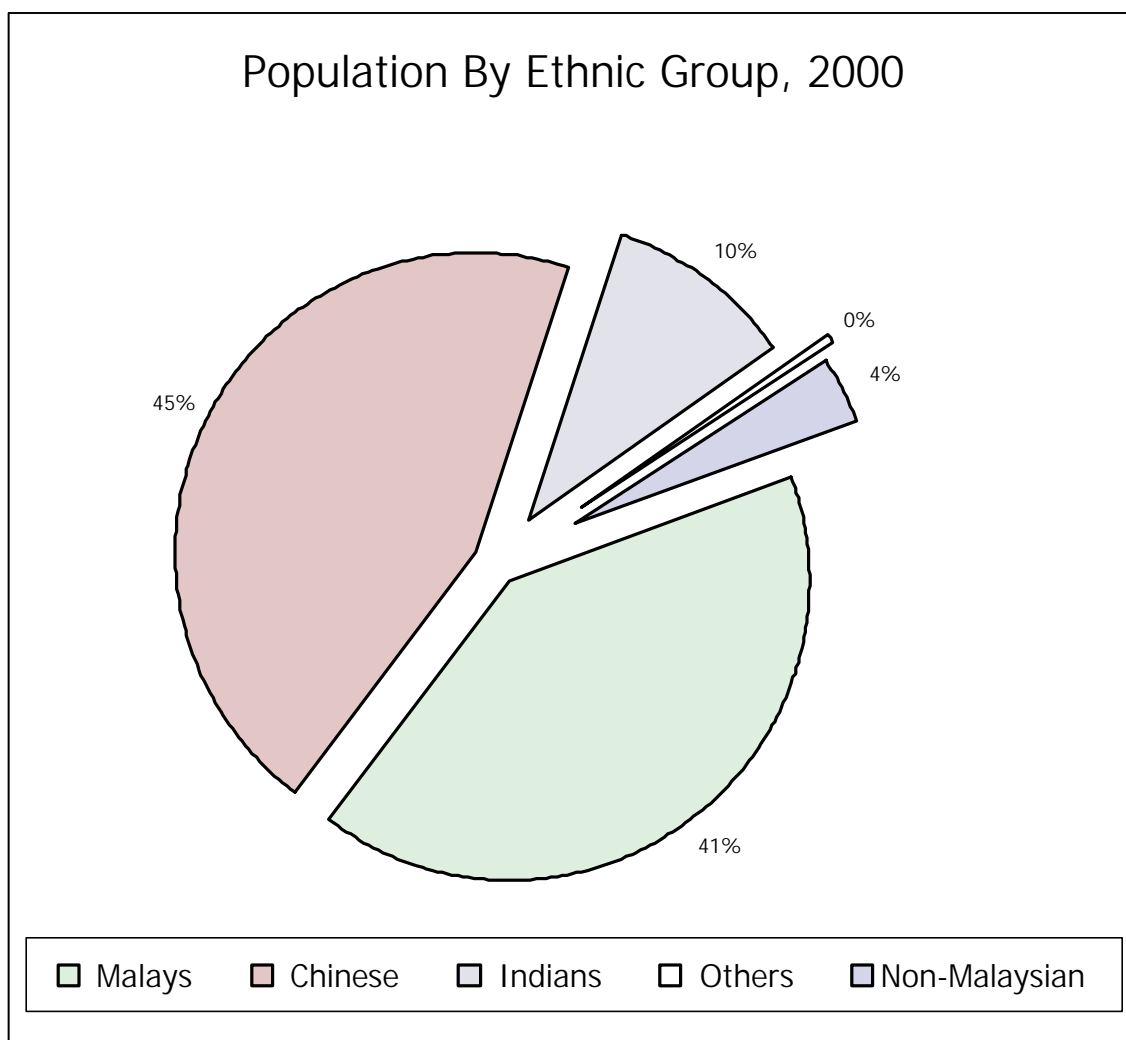
Note: Slight discrepancies may occur due to rounding.

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

Ethnic Group	1991	1997	1998	2000
	(census)	(estimated)	(estimated)	(census)
Malaysian:	526.0	607.2	613.3	1,265.1
Malays	405.4	465.5	486.7	533.1
Other Bumiputera	1.1	1.3	1.9	3.9
Chinese	523.2	600.8	581.9	588.7
Indians	112.8	129.5	129.5	133.9
Others	5.8	6.6	6.6	5.4
Non-Malaysian Citizens	15.9	18.2	27.7	48.4
Total	1,064.2	1,221.9	1,234.4	1,313.4

Source: State Population Report, Penang, 1991, DOS, Malaysia; State/District Data Bank, 1997, 1998, DOS, Malaysia; Population and Housing Census of Malaysia 2000: Population Distribution and Basic Demographic Characteristics.

Note: Slight discrepancies may occur due to rounding.



ECONOMIC

Penang: Gross Domestic Product (In 1987 – Constant Prices)

(RM Million)	1990	1995	2000	2001	2002	2003 (f)
Agri, forestry, fishing	228.4	216.3	227.7	267.7	276.57	285.71
M&Q	23.4	162.6	191.1	202.4	187.95	187.95
Manufacturing	3,394.3	5935.0	7860.0	6,926.3	7,250.66	7720.83
Construction	249.5	439.0	418.2	405.1	346.02	346.02
Tertiary	3,987.0	6761.4	8510.8	8,971.8	9,554.51	10,133.87
Total (@ producers' value)	7,882.2	13,515.1	17,207.8	16,773.3	17,615.72	18,674.39
Total (@ purchasers' value)	7,685.4	13,293.6	16,620.0	16,146.9	17,056.89	18,076.81

Source: Penang Strategic Development Plan 2 (PSDP2) & SERI

Penang: Gross Domestic Product Growth Rates

	1991-1995	1996-2000	2001-2005	2006-2010(f)
Agri, forestry, fishing	-1.10	1.00	2.00	2.30
M&Q	47.40	5.06	2.50	4.10
Manufacturing	11.86	6.46	8.10	8.90
Construction	12.02	-0.14	2.74	4.64
Services	11.15	4.78	6.60	6.70
Total	11.39	5.26	7.20	7.60
GDP at Market Prices	11.41	4.97	6.90	7.30
GDP per capita	9.80	3.90	5.90	6.20

Source: PSDP2

Penang: Gross Domestic Product Per Capita and Ratio of State to National Per Capita GDP

(RM)	1990	1995	2000	2001	2002
GDP per capita, Penang	6,904.00	11,015.00	12,653.71	12,038.21	
Ratio of State to national per capita GDP	1.2	1.4	0.98	0.90	

Source: PSDP2 & SERI

Penang: Sectoral Share of Gross Domestic Product (%)

	1990	1995	2000	2001	2002	2003(f)
Agri, forestry, fishing	2.9	1.6	1.3	1.6	1.57	1.53
M&Q	0.3	1.2	1.1	1.2	1.07	1.01
Manufacturing	43.1	43.9	45.7	41.3	41.16	41.34
Construction	3.1	3.3	2.4	2.4	1.96	1.85
Tertiary	50.6	50.0	49.5	53.5	54.24	54.27
Total	100.0	100.0	100.0	100.0	100.00	100.00

Source: PSDP2 & SERI

EMPLOYMENT

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

	1996			1997			1998		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Total Malaysian	81.0	38.5	59.7	83.0	51.0	66.9	82.5	51.4	66.8
Malay	81.3	41.4	61.5	83.3	53.5	68.3	85.1	53.4	68.8
Other Bumiputera	100.0	100.0	100.0	100.0	100.0	100.0	100.0	80.6	89.6
Chinese	80.7	35.4	58.1	83.4	50.2	66.6	81.3	50.5	65.9
Indian	81.5	40.2	60.0	83.6	44.2	64.0	82.2	48.9	64.9
Others	73.1	42.8	57.4	60.9	50.2	56.4	73.3	50.7	64.7
Non-Malaysian	97.8	88.1	92.8	99.4	82.0	92.0	98.8	77.9	91.4
Total	81.4	39.9	60.6	84.0	52.4	68.2	83.8	52.5	68.3

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

Penang: Employment by Gender and Economic Sectors (%)

	1996			1997			1998		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Agri, Forestry & Fishing	4.4	0.9	3.2	2.9	0.5	2.0	4.8	1.1	3.4
M&Q	0.2	0.0	0.1	0.2	0.0	0.1	0.3	0.1	0.2
Manufacturing	33.8	50.8	39.4	37.5	47.9	41.1	36.6	47.2	40.6
Construction	6.7	0.4	4.7	9.3	1.4	6.2	9.9	1.4	6.7
Utilities	1.0	0.1	0.7	1.2	0.3	0.9	1.0	0.1	0.6
Transport, Storage, Comm.	8.1	1.8	6.0	7.5	1.5	5.2	7.8	1.9	5.6
WRHR	22.6	18.3	21.1	20.0	20.4	20.1	19.7	18.5	19.2
FIREBS	5.4	5.1	5.3	4.2	5.7	4.8	4.7	5.4	5.0
Community & Soc Services	17.9	22.7	19.5	17.3	22.4	19.2	15.2	24.4	18.7
Total	100.0	100.0	100.0	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, ('000 persons)

	1990	1992	1993	1995	1996	1997	1998	1999	2000
Agri, Forestry & Fishing	24.8	18.4	18.2	12.0	14.4	11.0	19.7	15.9	19.0
M&Q	0.5	0.4	0.3	0.4	0.6	0.8	1.1	0.9	0.7
Manufacturing	172.8	218.8	222.5	215.3	177.0	228.7	237.7	237.7	257.7
Construction	34.1	32.3	28.6	27.4	20.9	34.4	39.0	38.6	39.5
Utilities	4.1	3.5	4.4	3.5	3.0	4.7	3.8	3.4	2.0
Transport, Storage, Comm.	25.5	28.7	32.9	27.6	27.1	28.6	32.6	27.3	31.4
WRHR	103.4	94.7	81.7	94.7	95.0	111.2	112.5	119.8	125.6
FIREBS	14.4	20.8	20.2	23.7	23.9	26.5	29.3	40.3	30.5
Community & Soc Services	77.8	95.0	122.1	81.1	87.5	106.1	109.5	119.0	118.6
Total	457.2	512.6	531.0	485.8	449.4	552.0	585.2	602.9	625.0

Source: Labour Force Survey, DOS, Malaysia and Penang Five-Year Plan 2001-2005

Note: Slight discrepancies may occur due to rounding.

PRIMARY SECTOR**AGRICULTURE****Penang: Agriculture Areas (hectares)**

Type	Year						
	1985	1990	1995	1997	1998	1999	2000
Rubber	27,210	19,000	13,487	13,487	13,487	13,097	13,013
Oil Palm	4,685	11,179	16,444	15,158	15,158	13,182	13,018
Padi	17,610	24,889	14,351	14,351	14,351	28,125	28,125
Coconut	14,137	5,674	2,479	2,479	2,479	2,481	2,364
Cocoa	1,114	1,751	1,683	143	143	141	104
Vegetables	510	1,014	1,314	1,216	1,778	1,711	1,566
Fruits	2,520	5,740	7,110	7,096	6,929	7397	7,283
Cloves	408	237	224	224	69	87	67
Nutmeg	612	181	168	168	86	81	82
Cash Crops	1,086	239	199	234	474	416	197
Others	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	438
Total	69,892	69,904	57,459	54,556	54,954	66,718	66,257

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

SECONDARY SECTOR**MANUFACTURING****Penang: Approved Manufacturing Projects, Employment and Capital Investment**

Year	Approved Projects			Potential Employment	Capital Investment (RM Million)
	Malaysia	Penang	% of national		
1987	333	59	17.7	16,662	635.74
1988	732	73	10	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	725	95	13.1	14,928	4,777.80
2000	798	131	16.5	15,057	4,442.80
2001	813	110	13.5	14,078	3,770.91
2002	663	98	14.8	12,986	2,337.38

Source: MIDA Penang

Penang: Approved Manufacturing Projects by Industry

Industry	No. of Projects				Investment (RM Million)			
	1999	2000	2001	2002	1999	2000	2001	2002
Electrical & Electronic	46	57	60	42	4,609.6	3,307.1	3,223.4	1,676.6
Chemicals & Chemical Products	3	6	1	6	8.9	387.9	4.2	90.0
Fabricated Metal Products	5	7	6	6	11.8	55.4	30.1	257.7
Basic Metal Products	4	7	4	10	33.4	79.4	53.1	122.9
Machinery Manufacturing	5	8	10	3	3.3	51.0	78.8	23.9
Non-Metallic Mineral Products	4	-	2	12	-	-	4.5	35.1
Plastic Products	8	7	5	-	14.2	129.6	23.6	-
Paper, Printing & Publishing	3	7	3	2	3.6	163.8	81.0	1.4
Rubber Products	-	-	5	1	-	-	28.1	9.4
Textile & Garment	6	6	-	-	29.7	47.8	-	-
Food Manufacturing	1	15	3	6	3.5	132.7	33.7	37.3
Wood & Wood Products	2	3	-	2	26.2	33.0	-	9.5
Transport Equipment	3	4	4	3	6.4	22.6	76.8	37.5
Scientific & Measurement Equipment	-	-	2	1	-	-	0.0	8.3
Petroleum & Petrochemical Products	-	-	1	2	-	-	69.0	4.8
Others	3	4	4	2	11.6	32.3	63.0	24.8
Total	93	131	110	98	4,762.2	4,442.6	3,770.9	2,339.2

Source: MIDA Penang

Note: Slight discrepancies may occur due to rounding.

Approved Manufacturing Projects and Investment by State

State	No. of Projects				Investment (RM Million)			
	1999	2000	2001	2002	1999	2000	2001	2002
Wilayah Persekutuan								
Kuala Lumpur	30	16	18	17	277.7	177.4	214.3	1,085.6
Labuan	-	1	1	1	-	27.0	9.0	12.5
Selangor	187	220	257	198	2,572.2	7,802.1	5,487.5	3,275.9
Pulau Pinang	93	131	110	98	4,777.8	4,459.6	3,770.9	2,337.4
Perak	55	57	39	40	1,293.2	3,058.5	857.6	420.5
Johor	172	178	180	161	2,312.0	2,454.3	2,421.7	2,105.6
Negeri Sembilan	32	29	29	27	228.2	2,172.0	1,952.1	686.9
Melaka	35	37	31	21	2,871.0	1,001.7	3,440.7	570.9
Kedah	43	45	62	39	567.8	1,016.1	682.9	438.9
Pahang	14	25	21	9	287.2	2,830.4	345.8	145.6
Kelantan	4	5	8	6	16.6	33.3	111.9	9.5
Terengganu	15	7	7	2	1,336.4	93.8	15.3	4,739.8
Perlis	-	1	4	2	-	-	14.1	3.0
Sabah	5	14	20	16	27.3	369.3	4,774.9	292.8
Sarawak	23	30	26	26	261.3	8,114.7	620.0	414.0
Location Unconfirmed	-	2	-	-	-	-	-	-
Total	708	500	813	663	17,020.2	33,610.3	24,718.8	16,539.0

Source: MIDA Penang

Note: Slight discrepancies may occur due to rounding.

Penang: Manufacturing Industry – Principal Statistics

Industry Description	No. of Establishments			Total Employees		
	1996	1997	1999	1996	1997	1999
Food Products	270	104	110	8,683	7,851	7,549
Oil & Fats	16	12	-	1,128	952	-
Textile & Apparel	197	65	59	20,004	17,984	20,049
Wood Products excluding furniture	67	19	14	2,913	2,058	1,836
Wood-based furniture	61	8	4	675	1,126	817
Paper Products	152	52	44	9,131	9,286	10,865
Chemical Products	58	32	32	4,248	4,439	4,684
Rubber Products	32	16	12	7,390	9,206	6,415
Plastic Products	108	35	26	10,070	10,973	9,223
Non-metallic Mineral Products	40	14	11	1,482	845	1,057
Basic Iron & Steel Industry	84	26	22	5,870	4,919	4,366
Non-Ferrous Metal Products	10	8	6	2,230	2,044	1,574
Fabricated Metal Products	165	42	39	5,744	7,039	5,341
Non-electrical Machinery	113	47	41	17,192	22,251	17,921
Electrical Machinery	132	64	64	117,038	116,845	111,530
Motor Vehicles & Other Transport	26	16	19	3,498	3,166	2,991
Scientific & Optical Equipment	9	10	10	4,288	4,403	4,585
Others	72	39	47	7,161	6,553	6,565
TOTAL	1612	609	545	228,745	231,940	217,368

Source: Derived from data provided by DOS, Penang

Industry Description	Value Added (RM '000)			Value Added per Employee (RM)		
	1996	1997	1999	1996	1997	1999
Food Products	449,794	502,584	553,997	51,802	64,015	73,387
Oil & Fats	84,013	99,709	-	74,480	104,736	-
Textile & Apparel	540,001	636,663	687,076	26,995	35,402	34,270
Wood Products excluding furniture	74,462	54,197	80,101	25,562	26,335	43,628
Wood-based furniture	18,351	27,919	23,182	27,187	24,795	28,375
Paper Products	360,418	415,627	424,755	39,472	44,758	39,094
Chemical Products	410,719	470,238	570,892	96,685	105,933	121,881
Rubber Products	359,762	615,850	528,053	48,682	66,897	82,315
Plastic Products	347,122	429,905	457,081	34,471	39,178	49,559
Non-metallic Mineral Products	71,413	58,627	75,215	48,187	69,381	71,159
Basic Iron & Steel Industry	531,305	443,918	391,706	90,512	90,246	89,717
Non-Ferrous Metal Products	71,446	100,363	87,018	32,039	49,101	55,285
Fabricated Metal Products	281,155	318,476	259,368	48,948	45,244	48,562
Non-electrical Machinery	1,075,660	1,889,346	1,159,172	62,567	84,911	64,682
Electrical Machinery	5,797,228	6,945,405	10,407,228	49,533	59,441	93,313
Motor Vehicles & Other Transport	251,036	302,918	185,494	71,766	95,678	62,017
Scientific & Optical Equipment	144,224	127,978	195,518	33,634	29,066	42,643
Others	190,716	177,179	265,720	26,633	27,038	40,475
TOTAL	11,058,825	13,596,902	16,342,573	48,346	58,622	75,184

Source: Derived from data provided by DOS, Penang

Industry Description	Fixed Assets (RM '000)			Salaries/Wages (RM'000)		
	1996	1997	1999	1996	1997	1999
Food Products	480,079	603,470	710,588	109,617	118,391	126,384
Oil & Fats	109,714	184,952	-	18,925	18,246	-
Textile & Apparel	627,836	518,318	547,554	264,245	243,811	299,196
Wood Products excluding furniture	98,772	83,569	56,057	33,892	24,374	25,035
Wood-based furniture	12,136	34,981	23,799	5,640	12,218	7,140
Paper Products	753,580	815,447	711,264	131,499	145,972	146,634
Chemical Products	1,179,135	1,234,920	1,037,524	87,424	98,121	109,632
Rubber Products	364,477	485,947	234,267	99,216	139,511	93,281
Plastic Products	433,543	727,924	580,155	120,826	145,153	137,438
Non-metallic Mineral Products	121,160	93,703	106,852	21,959	16,110	20,051
Basic Iron & Steel Industry	1,207,705	1,554,768	1,640,004	107,147	100,411	97,295
Non-Ferrous Metal Products	133,676	127,456	124,482	39,402	39,290	33,251
Fabricated Metal Products	499,129	515,000	443,717	68,542	92,627	77,458
Non-electrical Machinery	996,904	1,509,561	1,445,011	254,953	372,526	424,238
Electrical Machinery	4,814,563	6,900,095	7,432,756	1,698,672	1,853,198	2,116,766
Motor Vehicles & Other Transport	162,632	167,354	147,899	58,319	60,443	57,304
Scientific & Optical Equipment	156,939	153,980	158,638	73,872	79,969	94,072
Others	161,055	198,008	265,504	82,089	86,525	76,789
TOTAL	12,313,035	15,909,453	15,666,076	3,276,239	3,646,896	3,954,964

Source: Derived from data provided by DOS, Penang

Industry Description	Tech. Coef. Of Labour			Capital Intensity (RM)		
	1996	1997	1999	1996	1997	1999
Food Products	0.0515	0.050788	0.0333	55,290	76,865	94,130
Oil & Fats	0.0180	0.010606	-	97,264	194,277	-
Textile & Apparel	0.1412	0.121092	0.1308	31,386	28,821	27,311
Wood Products excluding furniture	0.1229	0.115312	0.1264	33,907	40,607	30,532
Wood-based furniture	0.1054	0.132739	0.0988	17,979	31,067	29,130
Paper Products	0.1207	0.132671	0.1298	82,530	87,815	65,464
Chemical Products	0.0542	0.048993	0.0425	277,574	278,198	221,504
Rubber Products	0.0993	0.105401	0.0934	49,320	52,786	36,519
Plastic Products	0.1345	0.137378	0.1301	43,053	66,338	62,903
Non-metallic Mineral Products	0.1053	0.080703	0.1385	81,754	110,891	101,090
Basic Iron & Steel Industry	0.0475	0.049095	0.0573	205,742	316,074	375,631
Non-Ferrous Metal Products	0.0434	0.040056	0.0320	59,944	62,356	79,086
Fabricated Metal Products	0.0868	0.090061	0.0879	86,896	73,164	83,078
Non-electrical Machinery	0.0514	0.047616	0.0417	57,987	67,842	80,632
Electrical Machinery	0.0724	0.074678	0.0558	41,137	59,053	66,644
Motor Vehicles & Other Transport	0.0642	0.069487	0.0902	46,493	52,860	49,448
Scientific & Optical Equipment	0.2173	0.245376	0.2033	36,600	34,972	34,599
Others	0.1179	0.072871	0.1613	22,491	30,216	40,442
TOTAL	0.0736	0.071328	0.0333	53,829	68,593	72,071

Source: Derived from data provided by DOS, Penang

TERTIARY SECTOR

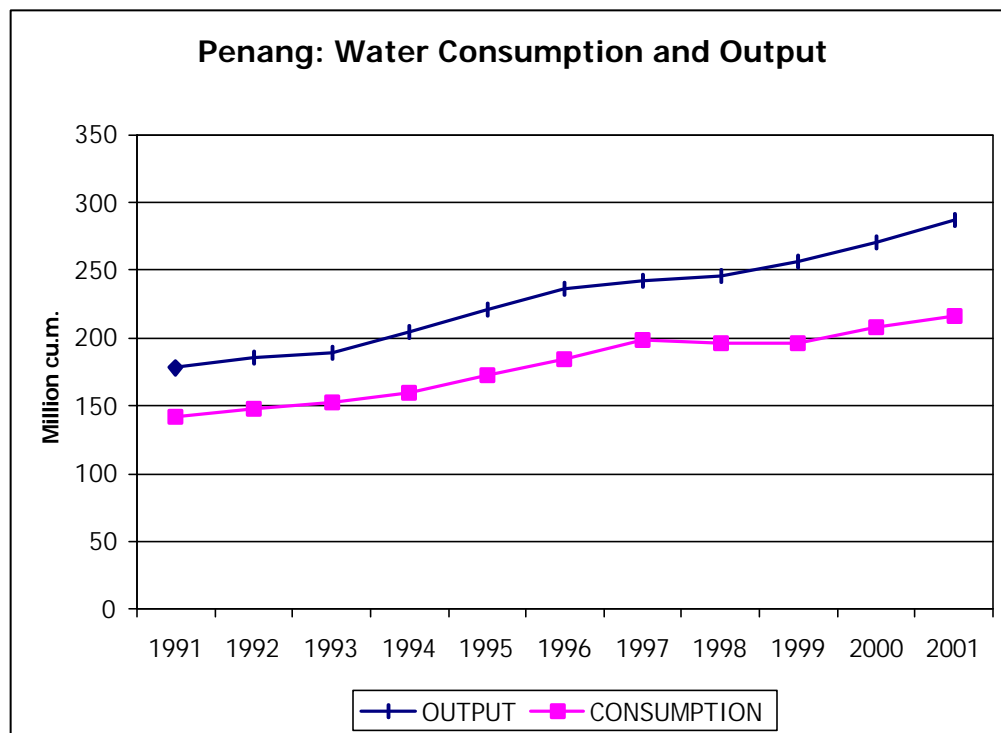
UTILITIES

WATER

Penang: Water Output And Consumption ('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	4.7%
1995	220,550	8.1%	172,321	8.0%
1996	236,124	7.1%	184,541	7.1%
1997	242,531	2.7%	198,038	7.3%
1998	245,425	1.2%	195,668	-1.2%
1999	257,307	4.8%	195,801	0.1%
2000	271,258	5.4%	208,183	6.3%
2001	278,395	2.6%	216,380	3.9%
2002 (Jan-Oct)	233,201		190,029	

Source: Derived from data provided by Perbadanan Bekalan Air Pulau Pinang Sdn Bhd



Source: Derived from data provided by Perbadanan Bekalan Air Pulau Pinang Sdn Bhd

Penang: Daily Water Supply and Consumption

	2000			2001			2002		
	Penang Island	Seberang Perai	Penang State	Penang Island	Seberang Perai	Penang State	Penang Island	Seberang Perai	Penang State
No. of Treatment Plants	6	4	10	6	4	10	6	4	10
Max. Capacity of Treatment Plants (cu.m/day)	206,363	843,181	1,049,544	322,727	843,275	1,166,002	322,727	843,275	1,166,002
Average Daily Production (cu.m)	348,315	392,826	741,141	368,070	394,656	762,726	380,851	386,259	767,110
Average Daily Consumption (cu.m)	283,835	284,971	568,806	295,896	296,925	592,821	311,365	313,729	625,094
	182,364	174,433	356,797	189,108	184,965	374,073	194,543	386,176	191,633
Daily Consumption (cu.m)									
Per Consumer	1.56	1.63	1.59	1.56	1.61	1.58	1.60	1.64	1.62
Per Industrial Consumer	6.48	5.44	5.91	6.41	5.31	5.8	6.56	5.20	5.88
Per Domestic Consumer	1.02	1.10	1.06	1.03	1.08	1.06	1.06	1.13	1.10

Source: Derived from data provided by Perbadanan Bekalan Air Pulau Pinang Sdn Bhd

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

New Motor Vehicle Registration (2001)

Month	Region	Motorcycle	Private Passenger Car	Taxi	Bus	Lorry & Van	Hire Car	Others	Total
January	Penang	2,862	2,943	2	3		103	48	5,963
	Malaysia	21,774	27,103	39	73	69	2,026	1,111	52,195
February	Penang	2,844	3,297	0	12	3	107	38	6,301
	Malaysia	21,322	29,564	32	114	84	1,841	930	53,887
March	Penang	2,904	3,383	1	7	1	181	116	6,593
	Malaysia	20,846	30,796	38	320	116	2,328	1,007	55,451
April	Penang	2,340	3,388	2	18	9	111	51	5,919
	Malaysia	19,337	31,012	56	265	85	2,194	942	53,891
May	Penang	2,470	3,405	5	9	2	205	91	6,187
	Malaysia	19,991	32,776	63	298	129	2,243	1,052	56,552
June	Penang	2,422	3,416	0	12	1	247	85	6,183
	Malaysia	19,213	30,562	42	225	122	2,270	931	53,365
July	Penang	2,663	3,638	2	17	3	214	66	6,603
	Malaysia	21,513	34,948	57	251	179	2,521	992	60,461
August	Penang	2,426	3,773	2	16	0	179	68	6,464
	Malaysia	19,898	37,448	90	272	162	2,671	1,209	61,750
September	Penang	2,021	3,642	2	14	6	121	73	5,879
	Malaysia	16,943	34,428	47	347	116	2,049	1,112	55,024
October	Penang	2,465	4,174	3	3	9	127	70	6,851
	Malaysia	19,363	40,329	55	274	134	1,993	1,409	63,557
November	Penang	2,237	4,119	4	14	1	144	62	6,581
	Malaysia	17,795	38,426	69	419	92	1,935	1,293	60,029
December	Penang	1,885	2,685	1	9	1	118	90	4,789
	Malaysia	16,756	28,499	64	311	60	1,541	1,878	49,109

Motor Vehicle Re-registration (2001)

Month	Region	Motorcycle	Private Passenger Car	Taxi	Bus	Lorry & Van	Hire Car	Others	Total
January	Penang	676,499	395,965	3,898	2,452	355	36,940	12,010	1,128,119
	Malaysia	5,379,708	4,174,307	48,745	56,109	10,082	666,979	316,662	10,652,592
February	Penang	679,460	399,298	3,899	2,464	359	37,040	12,030	1,134,550
	Malaysia	5,402,951	4,205,092	48,811	56,069	9,999	668,828	317,565	10,709,315
March	Penang	682,589	402,729	3,908	2,462	364	37,204	12,145	1,141,401
	Malaysia	5,426,002	4,237,385	48,889	56,119	9,956	671,304	318,770	10,768,425
April	Penang	684,998	406,180	3,909	2,475	374	37,283	12,192	1,147,411
	Malaysia	5,447,764	4,269,656	48,977	56,151	9,943	673,394	319,771	10,825,656
May	Penang	687,517	409,590	3,919	2,483	383	37,473	12,286	1,153,651
	Malaysia	5,469,128	4,303,978	49,083	56,230	9,971	675,738	320,771	10,884,899
June	Penang	690,281	413,197	3,926	2,486	379	37,703	12,361	1,160,333
	Malaysia	5,490,504	4,336,767	49,168	56,247	9,989	677,845	321,684	10,942,204
July	Penang	693,224	416,893	3,932	2,496	377	37,897	12,411	1,167,230
	Malaysia	5,512,916	4,372,962	49,256	56,280	10,023	680,170	322,626	11,004,233
August	Penang	697,461	420,863	3,940	2,513	376	38,112	12,501	1,175,766
	Malaysia	5,535,070	4,411,700	49,395	56,285	10,118	682,634	323,821	11,069,023
September	Penang	700,315	424,616	3,945	2,524	378	38,238	12,546	1,182,562
	Malaysia	5,553,404	4,447,193	49,484	56,364	10,111	684,577	324,740	11,125,873
October	Penang	703,285	428,862	3,948	2,515	385	38,349	12,607	1,189,951
	Malaysia	5,573,740	4,488,914	49,602	56,340	10,090	686,486	326,122	11,191,294
November	Penang	705,900	433,037	3,945	2,514	379	38,487	12,669	1,196,931
	Malaysia	5,592,150	4,528,490	49,669	56,464	10,053	688,367	327,369	11,252,562
December	Penang	707,851	435,744	3,949	2,518	380	38,588	12,757	1,201,787
	Malaysia	5,609,351	4,557,992	49,771	56,579	9,986	689,668	329,198	11,302,545

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

TRADE

PENANG AIRPORT

Aircraft Movements per annum

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	29,102
2002	28,840

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

Number of Passengers (Domestic & International) per annum

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	1.20	1.35	2.55
2002	1.31	1.21	2.51

Note: Slight discrepancies may arise due to rounding.

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

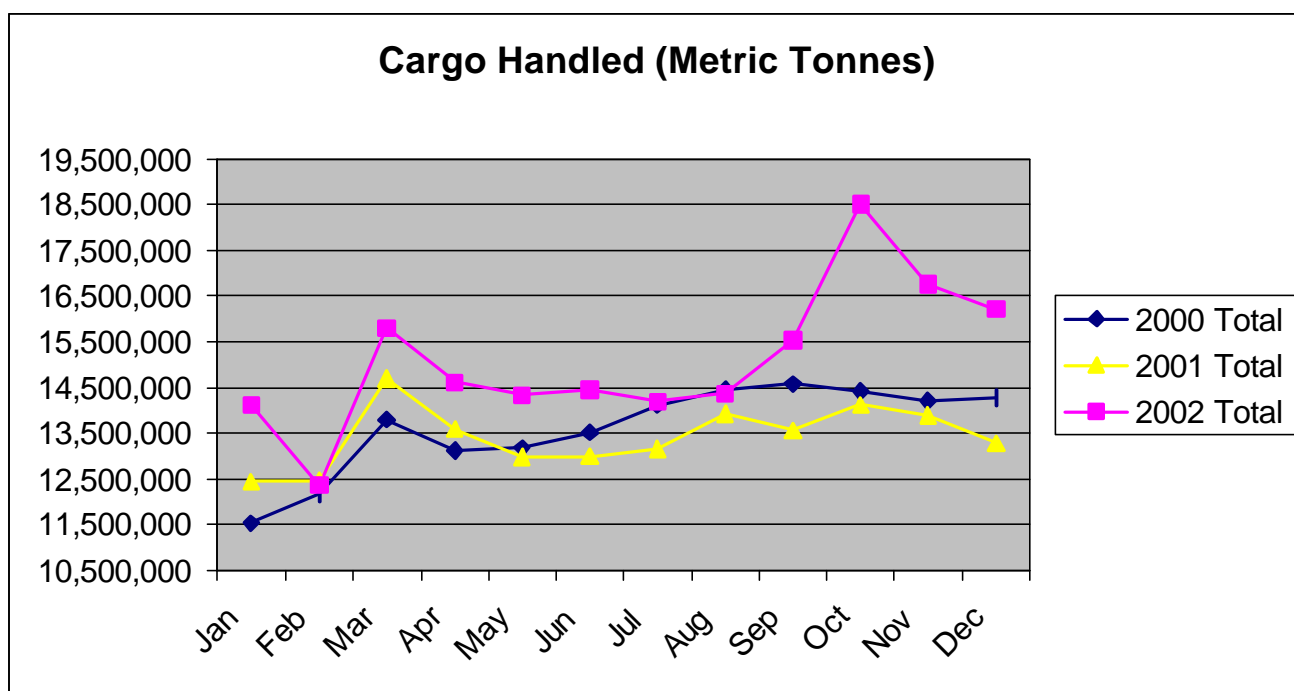
Cargo Handled (Domestic & International) per annum

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	34.87	126.15	161.02
2002	42.85	138.31	181.16

*The figures from 1993 onwards are based on new categorization method.

*Note: Slight discrepancies may arise due to rounding.

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



PENANG PORT

Annual Number of Shipcalls

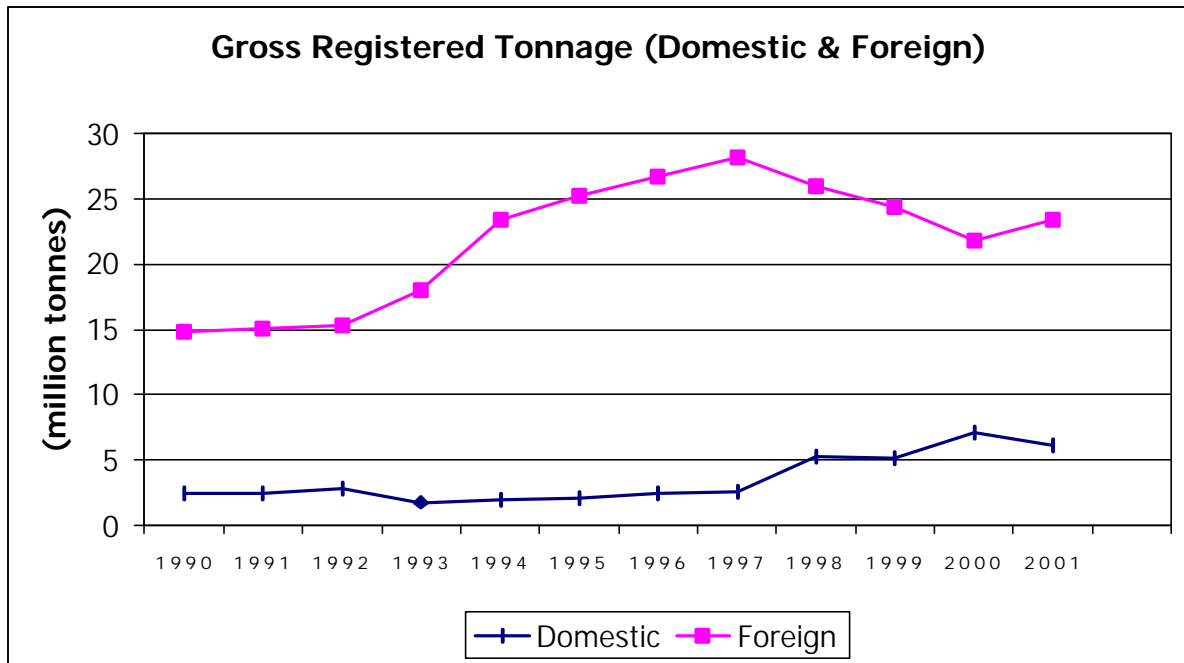
Year	Domestic	Foreign	Total
1990	2,437	3,091	5,528
1991	2,750	3,051	5,801
1992	3,058	3,208	6,266
1993	1,327	4,716	6,043
1994	1,379	4,820	6,199
1995	1,443	5,022	6,465
1996	1,416	5,117	6,533
1997	1,725	5,346	7,071
1998	2,553	5,072	7,625
1999	2,635	4,736	7,371
2000	3,250	4,013	7,263
2001	3,019	4,399	7,418
2001 (Jan-Jul)	1,680	2,619	4,299
2002 (Jan-Jul)	1,796	2,754	4,550

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

Gross Registered Tonnage (Domestic & Foreign) in Million

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	7.09	21.87	28.96
2001	6.11	23.37	29.48
2001 (Jan-Jul)	3.42	13.54	16.96
2002 (Jan-Jul)	3.31	13.88	17.20

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	(million freight tonnes)			Total	Container
		Dry Bulk	Liquid Bulk	Containerised		
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	635,423
2001	2.00	3.75	4.10	10.61	20.45	604,294
2001 (Jan-Jul)	1.01	1.95	2.19	6.01	11.32	353,352
2002 (Jan-Jul)	1.33	2.21	2.60	6.29	12.42	360,459

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

	1997	1998	1999	2000	2001	2002 (Jan-Jun)	2002 (Jul-Sep)
Average Occupancy Rate	59.40%	60.35%	59.66%	57.4%	54.8%	50.5	58.4
Average Occupancy Rate for Beach Hotels	56.93%	66.07%	62.90%	66.7%	57.5%	49.4%	63.9%
Average Occupancy for City Hotels	63.29%	52.35%	56.26%	50.8%	53.0%	51.2%	55.1%
Number of Registered Guests Recorded	1,923,781	1,738,385	2,169,871	n.a.	n.a.	n.a.	n.a.
Estimated Total Visitor Arrivals for the State	3,167,239	3,251,141	3,519,660	3,780,000	3,469,943	765,866	990,024
Estimated Domestic Share	47.80%	39.10%	41.48%	37.9%	44.5%	45.7%	43.5%
Estimated International Share	52.20%	60.90%	58.52%	62.1%	55.5%	54.3%	56.5%

Source: Tourism Development Division, PDC & The Penang Hotel Survey Report, DCT Consultancy Services Sdn. Bhd.

PROPERTY

Penang: Median House Prices (2001)

	Terraced		Semi-Detached		Detached		High-Rise	
	Single Storey	Double Storey	Single Storey	Double Storey	Single Storey	Double Storey	Flat	Condo/Apt.
Pulau Pinang	95,000	180,000	158,000	430,000	270,000	440,000	110,000	200,250
Timur Laut	275,000	370,000	365,000	560,000	1,120,000	1,100,000	114,000	230,000
Barat Daya	185,000	309,800	252,500	490,000	146,500	270,000	84,750	153,000
S Perai Selatan	78,000	116,000	118,191	160,000	120,000	420,000	ND	ND
S Perai Tengah	98,400	170,000	158,000	300,000	126,500	500,000	75,000	88,000
S Perai Utara	100,000	165,500	181,500	282,500	270,000	330,735	79,000	109,500

Source: Malaysia House Price Indices

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

	Residential		Commercial		Industrial		Agriculture		Development Land		Others		Total	
	2000	2001	2000	2001	2000	2001	2000	2001	2000	2001	2000	2001	2000	2001
0-25,000	375	255	25	21	0	1	432	389	89	91	0	8	921	765
25,001-50,000	1,322	1,367	84	38	4	5	248	279	47	100	7	5	1,712	1,794
50,001-75,000	2,026	2,268	54	46	2	3	160	165	47	50	1	4	2,290	2,536
75,001-100,000	2,369	2,931	80	65	14	5	106	112	23	64	3	1	2,595	3,178
100,001-150,000	2,672	2,916	173	160	12	8	115	144	65	46	0	1	3,037	3,275
150,001-200,000	1,331	1,790	225	229	37	44	76	98	36	41	2	5	1,707	2,207
200,001-250,000	639	838	208	221	78	61	45	70	29	31	0	0	999	1,221
250,001-500,000	1,322	1,428	402	463	285	227	93	88	101	91	2	5	2,207	2,302
500,001-1,000,000	254	273	146	149	75	92	41	46	75	88	3	1	594	649
1,000,000 & above	70	67	27	44	65	48	19	14	96	89	0	0	277	262
Total	12,380	14,133	1,424	1,436	572	494	1,337	1,405	608	691	18	30	16,339	18,189
(% Breakdown)	75.8	77.7	8.7	7.9	3.5	2.7	8.2	7.7	3.7	3.8	0.1	0.2	100.0	100.0

Source: Property Market Report 2001

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	193.7	190.2	188.3	167.1	183.1
2001	197.0	195.2	175.8	150.3	178.4

Source: Malaysia House Price Indices

Education and Health

EDUCATION

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

Type of School	No. of Schools				No. of Students				No. of Teachers			
	2000	2001	2002	2003	2000	2001	2002	2003	2000	2001	2002	2003
SK/SRK	123	127	124	139	80,642	80,230	83,148	85,633	4,221	4,200	3,563	4,491
SRJK(C)	90	90	90	90	55,329	53,808	55,572	58,637	2,538	2,607	789	2,558
SRJK(T)	28	28	28	28	4,761	4,848	4,954	4,100	342	346	2,610	370
SR Khas	3	3	3	3	200	164	161	176	53	45	52	52
Total	244	248	255	260	140,932	139,050	143,865	148,546	7,154	7,198	7,348	7,471

Source: Jabatan Pendidikan Pulau Pinang

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

Type of School	No. of Schools				No. of Students				No. of Teachers			
	2000	2001	2002	2003	2000	2001	2002	2003	2000	2001	2002	2003
SM Biasa	71	75	83	90	103,308	104,295	102,394	100,488	5,669	5,837	5,869	6,021
SM (Asrama Penuh)	1	1	1	1	668	624	580	645	75	72	66	63
SM Khas	1	1	1	1	215	197	202	187	198	44	40	43
SM Vokasional & Teknik	5	5	6	6	3,434	2,299	2,193	1,577	44	343	352	393
SM Agama	4	4	4	4	2,586	2,958	2,532	2,599	318	206	215	216
Total	82	86	95	102	110,211	110,373	107,901	105,496	6,304	6,502	6,542	6,736

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	1992	1993	1994	1995	1996	1997	1998	1999	2000	2002 (Jan-Jun)
Crude Birth Rate	22.3	21.9	21.5	22.8	24.9	23.6	21.8	20.8	20.9	19.00	n.a.
Crude Death Rate	5.5	4.5	5.3	6.3	5.9	6.4	6.2	6.2	6.09	6.00	n.a.
Infant Mortality Rate	8.2	8.7	9.0	8.7	7.2	7.5	7.0	6.2	5.55	5.31	2.02
Prenatal Mortality Rate	12.6	13.9	12.8	12.5	9.9	9.5	8.6	8.3	8.97	7.35	4.60
Neonatal Mortality Rate	6.3	6.2	6.8	6.3	5.0	5.3	4.9	4.1	3.98	4.90	2.65
Toddler Mortality Rate	0.4	0.5	0.4	0.3	0.4	0.4	0.3	0.4	0.19	0.15	0.05
Maternal Mortality Rate	0.5	0.4	0.3	0.6	0.3	0.3	0.4	0.5	0.16	0.16	0.17

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	2001
Doctor	1:1435	1:1514	1:1482	1:1432	1:1353	1:1244	1:1194	1:1145	1:1031
Dentist	1:11932	1:9365	1:9576	1:8882	1:9258	1:9425	1:8203	1:7871	1:7729
Nurse	1:606	1:713	1:669	1:677	1:728	1:689	1:633	1:600	1:577

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

Penang: Health Facilities 1996-2000

	1996	1997	1998	1999	2000	2002 (Jan-Jun)
Government Hospital	5	5	5	5	5	5
Private Hospital	10	11	11	11	11	11
Private Maternity Home	8	7	7	8	8	8
Polyclinic	6	6	6	6	6	3
Mother & Child Health Care	12	12	12	12	12	14
Health Centre	16	16	16	16	16	30*
Rural Clinics	28	28	61	61	61	62
Midwives-quarters-cum-clinics	38	38	3	3	3	2

* Inclusive of Polyclinic & Hospitals' Outpatient Department

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: No. of Beds, Bed Occupancy Rate (BOR) & Average Length of Stay (ALOS) for Government Hospitals

Hospital	2002 (Jan-Jun)		
	Beds	BOR	ALOS
Hospital Pulau Pinang	1,236	52.68	5.57
Hospital Seberang Jaya	314	81.50	3.26
Hospital Bukit Mertajam	242	41.81	3.68
Hospital Sungai Bakap	130	34.33	2.84
Hospital Balik Pulau	71	61.75	5.66
Total	1,993	55.03	4.45

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)	2002 (Jan-Jun)
HIV	174	194	215	187	225	88	152
AIDS	14(13)	24(24)	27(27)	52(35)	105(55)	33(24)	46(23)

Note: () = deaths

Source: Penang State Health Department

Selected National Statistics

Malaysia: Gross Domestic Product by Sector (Current Prices & 1987 Prices)

Component	RM Million				
	2001	Q1/2002	Q2/2002	Q3/2002	Q4/2002
National Accounts (GDP) at Current Prices	84,075	83,176	88,239	93,867	95,799
Agriculture, Forestry and Fishing	7,280	6,940	7,920	8,973	9,248
Mining and Quarrying	8,356	8,091	7,580	9,937	10,663
Manufacturing	25,153	25,420	27,776	29,017	28,655
Electricity, Gas and Water	2,966	3,001	3,112	3,172	3,099
Construction	3,655	3,404	3,820	3,772	3,714
Wholesale and Retail Trade, Hotel and Restaurants	12,451	11,914	12,355	12,950	13,422
Transport, storage and Communication	6,015	6,396	6,707	6,624	6,570
Finance, Insurance, real estate and business services	10,090	9,560	9,997	9,854	10,309
Other Services	5,740	5,879	5,870	5,990	6,123
Government Services	6,338	6,173	6,533	6,999	7,536
Less : Imputed bank service charges	5,490	5,161	5,209	5,177	5,262
Plus : import duties	1,522	1,560	1,778	1,756	1,721
National Accounts (GDP) at 1987 Prices	53,702	52,123	54,135	56,152	56,682
Agriculture, Forestry and Fishing	4,683	4,171	4,425	4,944	4,802
Mining and Quarrying	4,041	4,108	3,724	4,217	4,426
Manufacturing	15,769	15,722	16,672	17,053	16,679
Electricity, Gas and Water	2,203	2,274	2,357	2,401	2,344
Construction	1,837	1,703	1,900	1,876	1,845
Wholesale and Retail Trade, Hotel and Restaurants	8,362	7,794	9,706	8,281	8,583
Transport, storage and Communication	4,577	4,563	4,723	4,794	4,773
Finance, Insurance, real estate and business services	7,566	7,347	7,567	7,474	7,951
Other Services	4,132	4,205	4,182	4,256	4,343
Government Services	3,951	3,642	3,854	4,037	4,298
Less : Imputed bank service charges	4,655	4,674	4,621	4,599	4,749
Plus : import duties	1,237	1,269	1,445	1,417	1,388

Source: Bank Negara Malaysia

Malaysia: Exchange Rates

Period	USD	GBP	EUR	DEM	JPY100	SGD
Q1/2002	3.8000	5.4241	3.3346	n.a.	2.8694	2.0726
Q2/2002	3.8000	5.5565	3.4983	n.a.	2.9995	2.1081
Q3/2002	3.8000	5.8924	3.7414	n.a.	3.1904	2.1627
Q4/2002	3.8000	5.9682	3.7993	n.a.	3.1006	2.1486

Source: Bank Negara Malaysia

Currency	2000	2001	January-July		% Change
			2001	2002	
Per Unit					
US dollar	3.8000	3.8000	3.8000	3.8000	0.0
Pound Sterling	5.7637	5.4741	5.4600	5.5481	-1.6
Singapore Dollar	2.2046	2.1217	2.1265	2.1010	1.2
Deutsche Mark	1.7959	1.7410	1.7359	1.7709	-2.0
Per 100 Units					
Japanese Yen	3.5272	3.1296	3.1439	2.9726	5.8
Thai Baht	9.4897	8.5451	8.5448	8.8479	-3.4
Philippine Peso	8.6388	7.4532	7.5302	7.4832	0.6
Indonesia Rupiah	0.0456	0.0373	0.0362	0.0400	-9.4
Saudi Arabian Riyal	101.3179	101.3238	101.3236	101.3258	0.0

Source: The Malaysian Economy in Brief, Department of Statistics, Malaysia

Malaysia: National Indices & Employment Data

	Unit Description	Latest Period	Latest Data	Previous Period
Industrial Production Index	1993=100	Jan 2003	177.2	193.3
Average salaries and wages per employee in manufacturing sector	RM per month	Jan 2003	1,645.6	1,700.5
Consumer Price Index	2000=100	Feb 2003	104.2	104
Producer Price Index	1989=100	Jan 2003	139.7	138
Employment	(million persons)	Q4/2002	9.497	9.568
Employment	% of labour force	Q4/2002	96.80	96.80
Unemployment	(million persons)	Q4/2002	0.313	0.315
Unemployment	% of labour force	Q4/2002	3.2	3.2

Source: Bank Negara Malaysia

Malaysia: Federal Government Accounts

Component	RM Million		
	1999	2000	2001
Public Sector Operations			
General Government			
Revenue	71,007	76,002	91,633
Operating Expenditure	53,868	64,445	72,299
Current Account	17,139	11,557	19,334
NPFE's Operating Surplus	33,509	41,204	38,958
Public Sector Current Account	50,648	52,761	58,292
Net Development Expenditure	48,451	50,439	65,435
Public Sector Overall Balance	2,197	2,322	-7,143
Domestic Financing	-8,970	-10,687	-15,253
Bank	-1,285	-29,316	-36,438
Non-Bank	-7,685	18,629	21,185
Foreign Borrowing	6,773	8,365	22,396

Source: Bank Negara Malaysia

Malaysia: Producer Price Index

Section	Weights	June		January-June Average		
		2001	2002	2001	2002	% Change
Food & Live Animals Chiefly for Food	14.88	131.0	131.1	132.5	133.0	0.4
Beverages and Tobacco	2.08	157.3	164.6	156.5	162.3	3.7
Crude Materials, Inedible Except Fuels	17.96	108.5	117.1	109.3	112.1	2.6
Mineral Fuel / Lubricants & Related Materials	18.82	159.8	157.2	168.9	151.0	-10.6
Animal & Vegetable Oils & Fats	8.47	105.6	165.3	91.8	140.0	52.5
Chemicals & Related Products N.E.S.	4.42	118.7	118.2	119.2	117.5	-1.4
Manufactured Goods Classified Chiefly by Material	10.82	120.4	120.0	120.6	120.0	-0.5
Machinery & Transport Equipment	18.35	110.3	109.9	110.6	110.0	-0.5
Miscellaneous Manufactured Articles	3.61	127.8	127.3	127.9	127.4	-0.4
Commodities & Transactions N.E.C. in the S.I.T.C.	0.59	126.0	129.9	123.7	128.7	4.0
Total	100.00	125.2	131.3	126.1	127.3	1.0

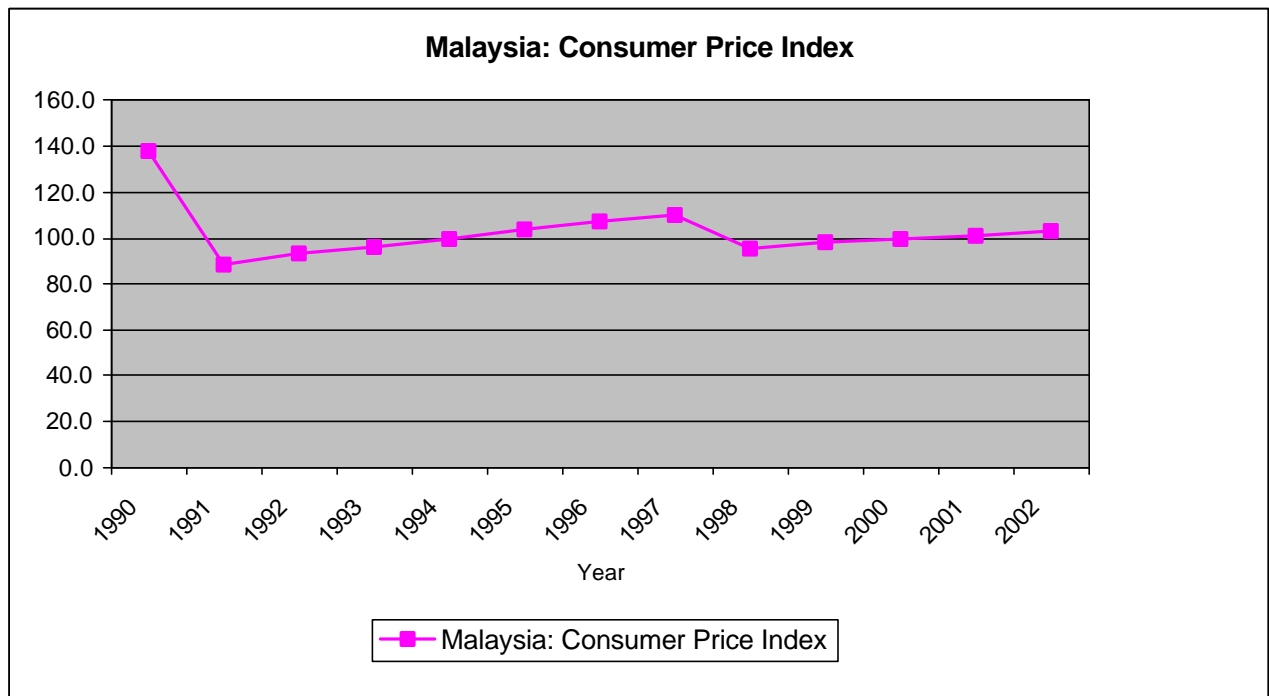
Source: The Malaysian Economy in Brief, Department of Statistics, Malaysia

Malaysia: Consumer Price Index

2000 = 100

Period	All Groups	Food	Beverages & Tobacco	Clothing & Footwear	Gross Rent, Fuel & Power	Furniture, Furnishings & Household Equipment & Operation	Medical Care & Health Expenses	Transport & Communication	Recreation, Entertainment, Education & Cultural Services	Miscellaneous Goods & Services
1990	137.8	136.6	176.6	126.6	135.6	124.2	144.3	151.9	109.8	132.4
1991	88.9	87.2	76.4	97.4	91.0	94.6	88.9	86.7	96.1	93.0
1992	93.1	92.8	83.0	100.3	94.4	97.1	92.0	90.5	98.9	95.1
1993	96.4	95.0	95.3	110.8	97.7	98.4	96.7	95.6	99.3	97.7
1994	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1995	103.4	104.9	102.4	100.0	103.4	102.8	103.1	101.8	102.5	104.2
1996	107.0	110.9	104.6	99.3	106.7	103.9	106.9	103.2	105.9	106.8
1997	109.9	115.5	106.0	98.8	110.1	104.0	110.7	103.8	106.3	111.7
1998	95.8	93.8	90.1	103.9	97.0	98.7	95.1	97.5	97.0	97.6
1999	98.5	98.1	97.2	101.8	98.6	100.0	98.0	98.0	99.5	99.1
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2001	101.4	100.7	104.8	97.4	101.4	100.1	102.9	103.6	99.9	100.7
2002	103.2	101.4	109.2	95.2	102.1	99.7	105.4	110.4	100.1	101.8
2002										
Jan	102.3	101.6	109.1	96.2	101.7	99.9	104.1	105.9	99.9	101.1
Feb	102.6	102.1	109.1	96.4	102.0	99.9	104.4	105.9	100.3	101.3
Mar	103.3	101.3	109.1	95.5	101.9	99.8	104.7	111.0	100.2	101.4
Apr	103.2	101.0	109.1	96.0	101.9	99.8	104.9	111.0	100.2	101.5
May	103.3	100.9	109.1	95.7	102.1	99.8	105.2	111.4	100.1	101.9
Jun	103.4	101.3	109.1	95.5	102.1	99.7	105.4	111.4	100.0	102.1
Jul	103.4	101.2	109.2	95.3	102.1	99.7	105.6	111.4	100.4	102.1
Aug	103.3	101.1	109.2	94.2	102.2	99.5	105.8	111.4	100.3	101.9
Sep	103.4	101.1	109.2	94.8	102.2	99.6	105.9	111.3	100.3	102.1
Oct	103.3	101.0	109.2	94.5	102.2	99.5	106.0	111.3	100.2	102.1
Nov	103.6	101.7	109.2	94.7	102.4	99.5	106.1	111.5	99.9	102.1
Dec	103.8	102.4	109.2	93.9	102.4	99.4	106.2	111.4	99.9	102.2

Source: Department of Statistics, Malaysia



Malaysia: Index of Industrial Production

1993 = 100

Period	All Divisions	Mining	Electricity	Manufacturing	Export-Oriented Industries	Domestic-oriented Industries
Weight	100.0	22.15	7.44	70.41	0.732	0.05
1993	100.0	100.0	100.0	100.0	100.0	100.0
1994	112.4	103.6	113.8	114.9	115.5	113.5
1995	127.1	112.8	129.9	131.2	132.1	129.0
1996	141.1	119.4	146.5	147.3	146.1	150.2
1997	156.1	122.3	167.3	165.6	165.1	166.6
1998	144.9	123.6	173.0	148.6	156.6	126.4
1999	158.0	119.7	179.7	167.8	177.6	141.0
2000	188.3	119.4	190.7	209.7	223.3	172.1
2001	180.4	122.7	207.1	195.8	200.1	184.1
2002	188.0	124.9	216.6	204.8	210.3	190.5
2002						
Jan	175.5	127.6	214.8	186.4	187.8	183.0
Feb	179.7	117.1	188.9	198.4	206.5	176.2
Mar	180.9	125.1	224.4	193.9	198.5	181.6
Apr	187.8	117.9	216.5	206.8	208.9	201.4
May	188.9	104.9	230.0	210.9	213.8	203.9
Jun	177.5	118.1	218.0	191.9	195.0	184.1
Jul	197.3	129.6	224.3	215.7	219.9	205.1
Aug	191.2	126.2	226.0	207.9	214.2	191.7
Sep	194.7	127.0	218.6	213.4	220.9	193.6
Oct	198.7	135.9	227.8	215.4	222.4	197.3
Nov	189.8	131.8	210.9	205.8	214.1	184.4
Dec	194.6	137.7	205.7	211.3	221.3	185.5

Export-Oriented Industries										
Period	Total	Electronic & Electrical	Of Which		Textiles & Wearing Apparel	Wood & Wood Products	Chemicals & Chemical Products	Rubber Products	Off-Estate Processing	Others
			Electronics	Electricals						
Jan	187.8	217.1	263.6	144.3	107.4	82.7	220.7	166.6	189.7	87.6
Feb	206.5	248.5	310.9	150.8	105.0	96.4	232.3	181.0	189.1	94.0
Mar	198.5	234.8	296.6	138.1	104.8	92.4	220.7	177.6	201.3	105.9
Apr	208.9	249.7	305.1	163.1	110.8	102.4	229.2	184.0	196.9	127.0
May	213.8	263.9	323.2	171.1	112.4	103.1	218.4	183.5	203.6	127.4
Jun	195.0	240.7	297.6	151.8	100.1	90.7	200.1	170.5	188.2	115.1
Jul	219.9	257.6	308.8	177.6	110.0	104.2	251.6	196.1	219.5	129.2
Aug	214.2	248.2	296.7	172.2	106.6	99.3	250.5	182.5	226.8	115.9
Sep	220.9	259.7	321.5	162.9	108.6	102.7	25.1	187.6	247.8	129.3
Oct	222.4	257.7	309.6	176.5	118.2	106.5	248.7	188.4	251.8	131.9
Nov	214.1	249.8	309.9	155.9	112.6	101.7	241.6	187.7	228.7	111.4
Dec	221.3	249.7	314.5	148.4	124.2	108.7	263.4	192.5	237.6	109.4
Domestic-Oriented Industries										
Period	Total	Non-metallic Mineral Products	Basic Metals	Transport Equipment	Food Manufacturing	Fabricated Metal Products	Paper Products	Tobacco Products	Beverages	Petroleum Products
Jan	183.0	167.5	169.9	249.2	160.3	204.2	157.8	121.3	170.4	194.0
Feb	176.2	171.0	162.3	245.5	166.7	172.7	158.2	134.6	99.2	195.8
Mar	181.6	169.8	185.0	265.4	167.5	172.2	165.9	148.0	85.9	180.1
Apr	201.4	182.1	216.0	282.1	172.3	222.3	188.0	137.8	103.2	176.8
May	203.9	192.2	212.5	278.8	166.2	227.8	200.2	143.0	127.0	171.8
Jun	184.1	179.8	179.5	244.7	155.3	200.0	182.4	152.2	118.8	163.9
Jul	205.1	199.9	191.8	266.7	156.3	225.2	197.4	153.9	131.6	219.8
Aug	191.7	178.0	186.5	258.2	162.2	202.2	190.1	167.7	130.1	196.0
Sep	193.6	176.8	182.4	253.4	172.7	202.6	194.0	186.8	129.2	206.3
Oct	197.3	181.8	183.7	261.6	183.6	204.5	210.7	186.4	124.6	185.1
Nov	184.4	179.3	186.5	218.2	172.3	193.2	196.2	116.8	117.9	191.3
Dec	185.5	185.4	189.0	182.8	174.8	201.1	197.1	138.6	125.3	209.6

Source: Department of Statistics, Malaysia