

Penang Statistics

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by

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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:

<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	1998	2000	2002	2003
	(census)	(estimated)	(census)	(estimated)	(estimated)
Timur Laut	395.7	443.7	444.9	466.0	469.4
Barat Daya	122.8	151.6	169.4	181.9	187.2
Seberang Perai Utara	224.6	256.3	259.8	266.1	278.8
Seberang Perai Tengah	236.3	284.9	313.6	337.4	341.8
Seberang Perai Selatan	84.8	97.9	125.7	138.9	139.7
State of Penang	1,064.2	1,234.4	1,313.4	1,390.3	1,416.9

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

Note: Slight discrepancies may occur due to rounding.

Penang: Estimated Population by Sex (in '000)

<i>Gender</i>	1991	2000	2002	2003
	(census)	(census)	(estimated)	(estimated)
Male	526.0	654.1	690.8	703.2
Female	538.1	659.4	699.5	713.7
Total	1,064.2	1,313.4	1,390.3	1,416.9

Source: State Population Report, Penang, 1991, DOS, Malaysia; Population and Housing Census of Malaysia 2000: Population Distribution and Basic Demographic Characteristics, DOS, Malaysia; State/District Data Bank, Malaysia, 2002, DOS, Malaysia; DOS, Penang.

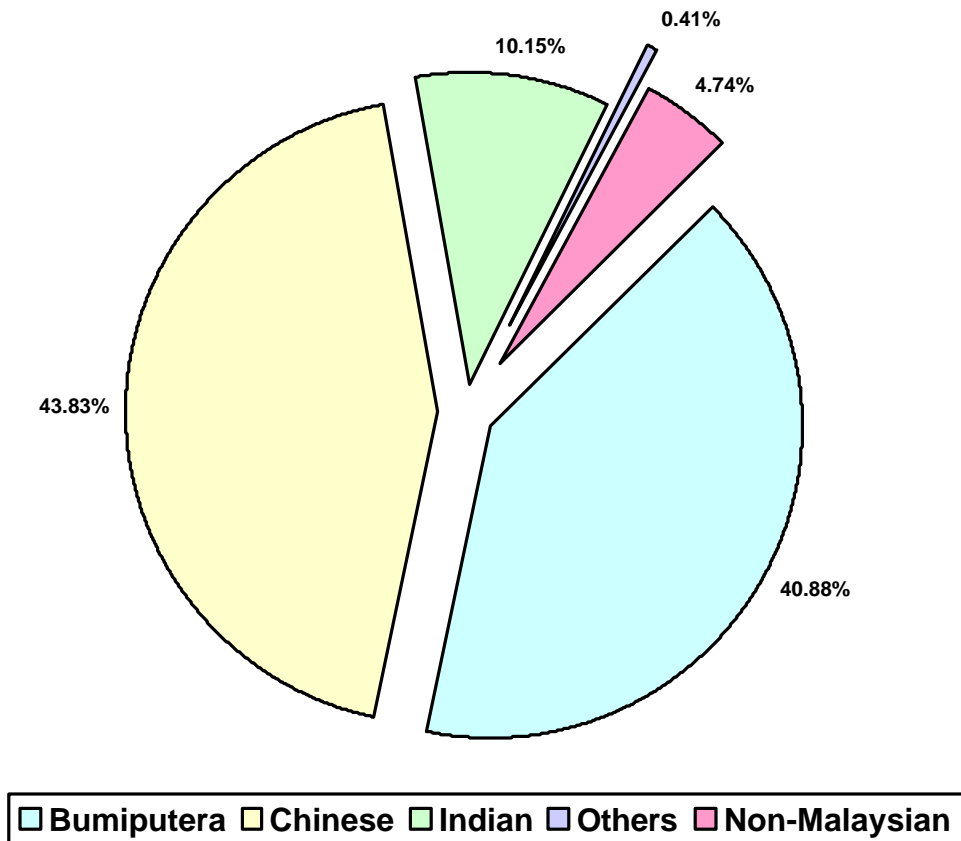
Note: Slight discrepancies may occur due to rounding.

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

Ethnic Group	1991	2000	2002	2003
	(census)	(census)	(estimated)	(estimate)
Malaysian:	526.0	1,265.1	1,328.7	1,349.8
Malays	405.4	533.1	561.5	574.5
Other Bumiputera	1.1	3.9	4.5	4.7
Chinese	523.2	588.7	614.9	621.0
Indians	112.8	133.9	142.0	143.8
Others	5.8	5.4	5.8	5.8
Non-Malaysian Citizens	15.9	48.4	61.6	67.2
Total	1,064.2	1,313.4	1,390.3	1,416.9

Source: State Population Report, Penang, 1991, DOS, Malaysia; Population and Housing Census of Malaysia 2000: Population Distribution and Basic Demographic Characteristics, DOS, Malaysia; State/District Data Bank, Malaysia, 2002, DOS, Malaysia; DOS, Penang.

Note: Slight discrepancies may occur due to rounding.

Population By Ethnic Group, 2003

Source: Department Of Statistics, Penang

ECONOMIC

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

(RM Million)	1995	2000	2001	2002	2003 (e)	2004(f)
Agri, forestry, fishing	216.3	227.7	267.7	277.36	286.65	305.86
M&Q	162.6	191.1	202.4	196.00	186.98	182.68
Manufacturing	5935.0	7860.0	6,926.3	7,235.90	7,532.57	8,210.50
Construction	439.0	418.2	405.1	369.26	381.45	394.03
Tertiary	6761.4	8510.8	8,971.8	9,423.34	9,847.39	10,339.76
Total	13,515.1	17,207.8	16,773.3	17,501.86	18,235.04	19,432.84
Growth Rate		4.95%	-2.5%	4.3%	4.2%	6.6%

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	12,189.2
Ratio of State to national per capita GDP	1.2	1.4	0.98	0.90	0.88

Source: PSDP2 & SERI

Penang: Sectoral Share of Gross Domestic Product (%)

	1995	2000	2001	2002	2003(e)	2004(f)
Agri, forestry, fishing	1.6	1.3	1.6	1.6	1.6	1.6
M&Q	1.2	1.1	1.2	1.1	1.0	0.9
Manufacturing	43.9	45.7	41.3	41.3	41.3	42.3
Construction	3.3	2.4	2.4	2.1	2.1	2.0
Tertiary	50.0	49.5	53.5	53.8	54.0	53.2
Total	100.0	100.0	100.0	100.00	100.00	100.00

Source: PSDP2 & SERI

EMPLOYMENT

Penang: Labour Force Participation Rate by Gender and Ethnic Group (%), 1999-2001

	1999			2000			2001		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Total Malaysian	82.8	53.9	68.0	82.3	55.0	68.4	83.5	57.0	70.2
Malay	83.7	55.5	69.2	83.7	59.2	71.3	86.4	60.7	73.2
Other Bumiputera	100.0	100	100.0	100	82.2	92.0	86.9	39.0	71.2
Chinese	82.0	53.6	67.6	80.8	52.2	66.2	81.0	53.6	67.4
Indian	83.1	47.4	64.9	84.6	51.3	67.7	84.7	56.2	70.6
Others	81.1	56.3	66.9	74.0	72.6	73.4	74.6	81.7	77.9
Non-Malaysian	97.0	77.0	89.0	97.0	84.6	90.0	95.2	79.9	88.4
Total	83.9	55.0	69.3	83.1	57.1	69.8	84.2	58.1	71.2

Source: State/District Data Bank, Malaysia, 2000, 2001 & 2002, DOS, Malaysia

Note: Slight discrepancies may occur due to rounding.

Penang: Employment by Gender and Economic Sectors (%), 1999-2001

	1999			2000			2001		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Agri, Forestry & Fishing	3.9	0.7	2.6	4.7	0.8	3.0	3.4	0.6	2.2
M&Q	0.2	0.0	0.2	0.2	0.0	0.1	0.2	0.1	0.2
Manufacturing	35.4	45.3	39.4	34.0	51.2	41.2	37.0	44.7	40.1
Construction	10.1	0.9	6.4	10.3	0.8	6.3	9.4	1.5	6.2
Utilities	0.8	0.2	0.6	0.5	0.0	0.3	0.8	0.2	0.5
Transport, Storage, Comm.	6.3	1.9	4.5	7.4	1.8	5.0	6.6	2.2	4.8
WRHR	20.8	18.5	19.9	22.7	16.5	20.1	25.5	20.2	23.4
FIREBS	6.1	7.6	6.7	4.9	4.9	4.9	6.1	7.8	6.7
Community & Soc Services	16.2	24.9	19.7	15.3	24.0	19.0	11.0	22.7	15.7
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, 2000, 2001 & 2002, DOS, Malaysia

Note: Slight discrepancies may occur due to rounding.

Penang: Employed Persons by Industry, ('000 persons)

	1990	1995	1996	1997	1998	1999	2000
Agri, Forestry & Fishing	24.8	12.0	14.4	11.0	19.7	15.9	19.0
M&Q	0.5	0.4	0.6	0.8	1.1	0.9	0.7
Manufacturing	172.8	215.3	177.0	228.7	237.7	237.7	257.7
Construction	34.1	27.4	20.9	34.4	39.0	38.6	39.5
Utilities	4.1	3.5	3.0	4.7	3.8	3.4	2.0
Transport, Storage, Comm.	25.5	27.6	27.1	28.6	32.6	27.3	31.4
WRHR	103.4	94.7	95.0	111.2	112.5	119.8	125.6
FIREBS	14.4	23.7	23.9	26.5	29.3	40.3	30.5
Community & Soc Services	77.8	81.1	87.5	106.1	109.5	119.0	118.6
Total	457.2	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), 1997-2002

Type	Year					
	1997	1998	1999	2000	2001	2002
Rubber	13,487	13,487	13,097	13,013	12,758	12,758
Oil Palm	15,158	15,158	13,182	13,018	12,988	12,988
Padi	14,351	14,351	28,125	28,125	13,448	13,448
Coconut	2,479	2,479	2,481	2,364	2,339	2,309
Cocoa	143	143	141	104	104	75
Vegetables	1,216	1,778	1,711	1,566	1,718	1,545
Fruits	7,096	6,929	7397	7,283	6,830	6,760
Cloves	224	69	87	67	52	41
Nutmeg	168	86	81	82	75	70
Cash Crops	234	474	416	197	247	190
Others	n.a.	n.a.	n.a.	438	87	55
Total	54,556	54,954	66,718	66,257	50,646	50,240

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

Note: Slight discrepancies may occur due to rounding.

LIVESTOCK

Penang: Livestock Survey, 2000-2002

Type of livestock	2000		2001		2002	
	No. of Livestock Farmers	No. of Livestock	No. of Livestock Farmers	No. of Livestock	No. of Livestock Farmers	No. of Livestock
Buffalo	35	245	40	306	33	282
Cow	737	6,849	866	9,650	893	9,888
Goat	183	2,931	190	4,246	165	3,891
Lamb	64	1,063	69	1,134	27	653
Pig	298	300,528	296	307,496	273	298,674
Chicken	399	8,671,772	421	9,342,062	368	9,601,730
Duck	47	180,240	45	189,230	42	266,335
Quail	55	126,100	25	110,500	15	80,000

Source: Livestock Survey 2001 & 2002, Department of Veterinary Services, Penang

Penang: Production and Value of Livestock, 2001 - 2002

Commodity	2001			2002		
	Production (Metric Tonnes)	Value (RM Million)	%	Production (Metric Tonnes)	Value (RM Million)	%
Meat						
Cow	1,065.96	12.68	3.20	977.65	11.63	2.79
Buffalo	32.87	0.39	0.10	33.09	0.39	0.09
Goat / Lamb	40.75	0.49	0.12	28.17	0.34	0.08
Pig	18,922.75	103.13	26.04	20,343.60	110.87	26.58
Chicken	48,222.76	221.82	56.02	50,201.00	230.92	55.35
Duck	448.24	2.17	0.55	492.66	2.39	0.57
Quail	110.50	0.96	0.24	72.96	0.63	0.15
Rabbit	2.78	0.03	0.01	0.30	0.00	0.00
Eggs	<i>(No. of eggs)</i>			<i>(No. of eggs)</i>		
Chicken	282,045,266	50.77	12.82	280,846,890	53.36	12.79
Duck	16,000,000	3.20	0.81	28,024,000	6.17	1.48
Quail	0	0	0	1,600,000	0.14	0.03
Milk	<i>(Liter)</i>			<i>(Liter)</i>		
Fresh milk	455,440	0.34	0.09	455,440	0.34	0.08
	Total	396.00	100.00	Total	417.20	100.00

Source: Livestock Survey 2001 & 2002, Department of Veterinary Services, Penang

FISHERIES**Penang: Landings of Marine Fish, 1990-2002**

Year	Quantity (^{'000} tonnes)	Value (RM million)
1990	52.36	90.54
1991	28.42	91.44
1992	33.77	119.97
1993	33.77	111.43
1994	40.80	130.71
1995	46.18	151.24
1996	37.61	154.88
1997	37.53	158.79
1998	35.47	189.18
1999	34.79	137.84
2000	35.90	148.27
2001	49.37	145.27
2002	31.99	152.15

Source: Department of Fisheries, Penang

Penang: Aquaculture Production and Value, 1991 - 2002

Year	Freshwater Pond Aquaculture		Brackishwater Cage Culture		Cockle Culture		Brackishwater Pond Culture	
	MT	RM Mil	MT	RM Mil	MT ('000)	RM Mil	MT	RM Mil
1991	49.29	0.15	762.46	10.56	8.29	3.22	78.76	0.80
1992	45.06	0.13	862.48	10.39	7.59	2.95	401.8	10.39
1993	54.03	0.16	1,642.93	19.47	14.62	6.47	555.86	6.12
1994	50.44	0.19	1,173.36	16.03	14.59	7.26	567.32	5.92
1995	31.1	0.12	1,105.10	15.29	15.3	7.61	606.37	10.91
1996	76.3	0.25	1,090.69	13.43	16.43	8.13	835.65	13.98
1997	108.01	0.38	1,145.67	14.61	13.11	9.59	643.05	11.96
1998	106.96	0.41	1,836.16	17.7	13.17	9.14	957.12	15.08
1999	110.68	0.33	1,247.42	14.45	13.99	9.73	498.76	8.82
2000	236.49	0.67	1,313.56	19.14	13.12	9.18	407.96	7.57
2001	191.39	0.60	2,093.25	28.84	11.6	8.12	778.02	12.74
2002	270.42	0.81	2,308.53	33.04	9.05	6.33	780.19	14.82

MT= Metric Tonnes

Source: Department of Fisheries, Penang

SECONDARY SECTOR**MANUFACTURING****Penang: Approved Manufacturing Projects, Employment & Capital Investment, 1987-2003**

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	928	124	13.4	14,630	3,837.30
2002	792	111	14.0	13,523	2,418.10
2003 (Jan - Oct)	836	117	14.0	8,461	1,592.52

Source: MIDA Penang

Note: Slight discrepancies may occur due to rounding. Data is subject to adjustments and revisions by MIDA.

Penang: Approved Manufacturing Projects by Industry, 2000-2003

Industry	No. of Projects				Investment (RM)			
	2000	2001	2002	2003 (Jan-Oct)	2000	2001	2002	2003 (Jan-Oct)
Electrical & Electronic	57	60	45	53	3,307.1	3,223.4	1,688.5	1,171.6
Basic Metal Products	7	4	6	3	79.4	53.1	90.0	52.0
Chemicals & Chemical Products	6	1	6	1	387.9	4.2	257.7	4.1
Fabricated Metal Products	7	6	10	20	55.4	30.1	122.9	103.6
Food Manufacturing	15	3	4	3	132.7	33.7	33.6	23.6
Machinery Manufacturing	8	10	13	13	51.0	78.8	46.0	68.8
Non-Metallic Mineral Products	-	2	-	-	-	4.5	-	-
Others	4	4	2	-	32.3	63.0	1.4	-
Paper, Printing & Publishing	7	3	5	2	163.8	81.0	17.9	25.8
Petroleum & Petrochemical Products	-	1	-	-	-	69.0	-	-
Plastic Products	7	5	6	8	129.6	23.6	37.3	19.8
Rubber Products	-	5	2	3	-	28.1	9.5	9.8
Scientific & Measurement Equipment	-	2	3	5	-	0.0	37.5	83.2
Textile & Garment	6	-	1	2	47.8	-	8.3	9.1
Transport Equipment	4	4	4	2	22.6	76.8	16.9	7.4
Wood & Wood Products	3	-	1	-	33.0	-	5.8	-
Beverages & Tobacco	-	-	-	1	-	-	-	12.7
Furniture & Fixtures	n.a	n.a	3	1	n.a	n.a	45.0	1.0
TOTAL	131	110	111	117	4,442.6	3,769.3	2,418.1	1,592.5

Source: MIDA Penang

Note: Slight discrepancies may occur due to rounding. Data is subject to adjustments and revisions by MIDA.

Approved Manufacturing Projects and Investment by State, 2000-2003

State	No. of Projects				Investment (RM Million)			
	2000	2001	2002	2003 (Jan-Oct)	2000	2001	2002	2003 (Jan-Oct)
Wilayah Persekutuan								
Kuala Lumpur	17	23	22	16	177.4	229.4	1,112.6	276.1
Labuan	1	1	1	-	27.0	9.0	12.5	-
Selangor	223	302	238	261	7,802.1	5,825.3	3,823.2	3,385.5
Pulau Pinang	132	124	111	117	4,459.6	3,837.3	2,418.1	1,592.5
Perak	57	48	46	58	3,058.5	964.5	452.0	990.8
Johor	179	191	191	189	2,454.3	2,462.7	2,333.4	1,925.5
Negeri Sembilan	30	34	34	39	2,172.0	2,309.9	767.8	1,821.0
Melaka	37	37	23	28	1,001.7	3,453.0	573.2	246.8
Kedah	46	70	47	48	1,016.1	698.5	532.1	881.6
Pahang	25	22	13	15	2,830.4	347.3	271.3	883.2
Kelantan	5	10	6	7	33.3	181.7	9.5	52.2
Terengganu	7	7	4	6	93.8	15.3	4,740.3	476.6
Perlis	1	4	3	3	-	14.1	6.4	30.6
Sabah	14	24	20	19	369.3	4,789.4	348.6	145.0
Sarawak	31	31	33	30	8,114.7	637.7	476.0	8,558.0
Total	805	928	792	836	33,610.3	25,774.9	17,876.9	21,265.4

Source: MIDA Penang

Note: Slight discrepancies may occur due to rounding. Data is subject to adjustments and revisions by MIDA.

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

Note: No further survey since 1999

TERTIARY SECTOR

UTILITIES

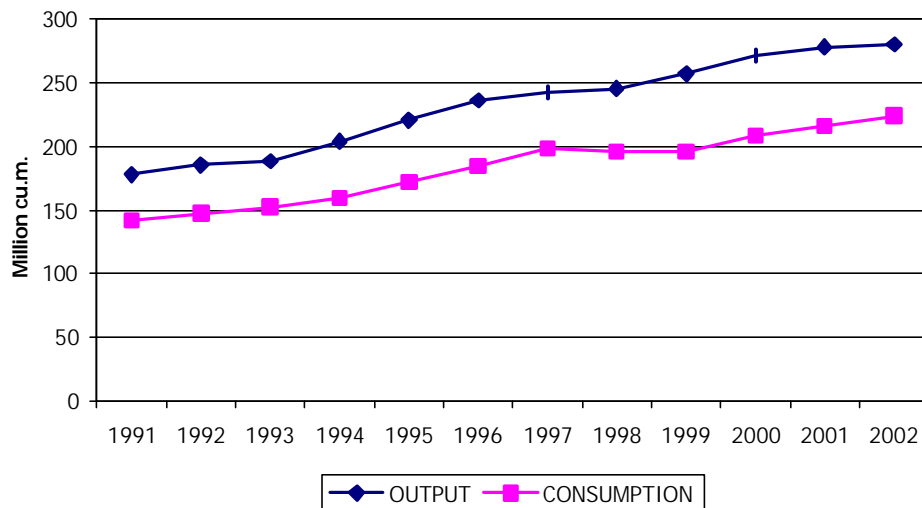
WATER

Penang: Water Output And Consumption ('000 cubic Metres), 1991-2003

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	280,161	0.6%	224,632	3.8%
2002 (Jan-Oct)	233,201		190,029	
2003 (Jan-Oct)	232,735	-0.2%	186,057	-2.1%

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

Penang: Water Consumption and Output



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

Penang: Daily Water Supply and Consumption, 2001-2003

	2001			2002			2003 (Jan – Oct)		
	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)	322,727	843,275	1,166,002	322,727	843,275	1,166,002	322,727	843,275	1,166,002
Average Daily Production (cu.m)	368,070	394,656	762,726	380,773	386,792	767,564	388,775	376,801	765,576
Average Daily Consumption (cu.m)	295,896	296,925	592,821	303,807	311,624	615,431	297,853	314,176	612,029
	189,108	184,965	374,073	195,501	192,908	388,409	199,124	199,658	398,782
Daily Consumption (cu.m)									
Per Consumer	1.56	1.61	1.58	1.55	1.62	1.58	1.50	1.57	1.53
Per Industrial Consumer	6.41	5.31	5.8	6.25	4.97	5.61	5.58	4.77	5.18
Per Domestic Consumer	1.03	1.08	1.06	1.03	1.12	1.08	1.04	1.10	1.07

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

ELECTRICITY**Penang: Power Demand & Supply, 1992-2010**

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	767	2671	71
1996	824	2761	70
1997	908	2671	66
1998	986	2671	63
1999	1092	2671	59
2000	1159	2701	57
2001	1231	2729	55
2002	1247	2772	55
2003	1276	2900	56
2004*	1533	2943	48
2005*	1680	2986	44
2006*	1854	3299	44
2007*	2017	3299	39
2008*	2198	3299	33
2009*	2380	3299	28
2010*	2582	3385	24

Note: * Projected Figures

Source: Tenaga Nasional Berhad, Penang.

TRANSPORT

ROAD TRANSPORT

New Motor Vehicle Registration, 2002

Month	Region	Motorcycle	Private Passenger Car	Taxi	Bus	Lorry & Van	Hire Car	Others	Total
January	Penang	2,748	4,535	14	8	213	1	49	7,568
	Malaysia	22,222	40,423	434	105	2,201	78	1,963	67,426
February	Penang	2,027	3,245	10	4	120	1	60	5,467
	Malaysia	17,527	29,987	413	68	1,257	77	1,012	50,341
March	Penang	2,439	3,667	10	6	183	0	58	6,363
	Malaysia	20,658	35,541	476	38	2,232	108	1,055	60,108
April	Penang	2,478	3,807	6	3	162	4	76	6,536
	Malaysia	21,248	38,322	344	57	2,373	114	1,545	64,003
May	Penang	2,046	3,208	9	6	128	0	51	5,448
	Malaysia	15,617	28,969	274	67	1,709	71	918	47,625
June	Penang	2,031	3,585	2	1	153	5	43	5,820
	Malaysia	15,528	29,612	241	67	1,921	98	1,035	48,502
July	Penang	2,385	4,473	22	5	184	2	96	7,167
	Malaysia	21,219	41,098	376	93	2,642	189	1,438	67,055
August	Penang	2,419	4,660	6	1	147	1	51	7,285
	Malaysia	19,139	41,260	189	64	2,363	126	1,497	64,638
September	Penang	1,909	3,259	5	5	170	9	62	5,419
	Malaysia	16,882	32,740	331	69	2,322	127	1,350	53,821
October	Penang	2,072	3,994	11	6	186	4	55	6,328
	Malaysia	18,150	39,126	597	120	2,491	80	1,568	62,132
November	Penang	1,799	3,436	20	7	148	2	53	5,465
	Malaysia	17,917	36,735	452	78	2,256	143	1,751	59,332
December	Penang	1,942	2,776	1	3	140	3	65	4,930
	Malaysia	16,578	25,900	319	93	1,648	31	1,636	46,205
Total	Penang	26,295	44,645	116	55	1,934	32	719	73,796
	Malaysia	222,685	419,713	4,446	919	25,415	1,242	16,768	691,188

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

New Motor Vehicle Registration, 2003

Month	Region	Motorcycle	Private Passenger Car	Taxi	Bus	Lorry & Van	Hire Car	Others	Total
January	Penang	3,027	4,819	11	10	162	23	47	8,099
	Malaysia	26,890	44,527	563	115	2,346	94	1,889	76,424
February	Penang	2,625	2,657	4	2	98	0	46	5,432
	Malaysia	24,047	26,405	242	42	1,304	77	1,161	53,278
March	Penang	2,576	3,900	5	1	186	6	50	6,724
	Malaysia	23,665	35,688	563	51	2,432	110	1,319	63,828
April	Penang	2,901	3,558	8	8	230	0	46	6,751
	Malaysia	25,261	34,897	537	98	2,869	65	1,318	65,045
May	Penang	3,551	4,097	10	3	181	4	37	7,883
	Malaysia	27,894	36,270	397	95	2,682	34	1,234	68,606
June	Penang	3,311	3,844	5	5	326	2	25	7,518
	Malaysia	28,463	35,370	253	76	2,833	68	1,246	68,309
July	Penang	3,657	4,137	4	8	197	3	121	8,127
	Malaysia	31,011	40,165	434	73	2,833	56	1,555	76,127
August	Penang	3,115	3,716	3	4	191	3	45	7,077
	Malaysia	28,805	37,894	523	101	2,701	104	1,439	71,567
September	Penang	2,621	3,295	6	5	140	4	90	6,161
	Malaysia	27,574	34,845	423	92	2,356	155	1,552	66,997
October	Penang	2,963	3,591	8	12	204	6	74	6,858
	Malaysia	28,816	36,346	612	104	2,694	153	1,598	70,323
Total (Jan-Oct)	Penang	30,347	37,614	64	58	1,915	51	581	70,630
	Malaysia	272,426	362,407	4,547	847	25,050	916	14,311	680,504

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

Motor Vehicle Re-registration, 2002

Month	Region	Motorcycle	Private Passenger Car	Taxi	Bus	Lorry & Van	Hire Car	Others	Total
January	Penang	710,959	440,319	2,528	3,956	38,783	380	12,797	1,209,722
	Malaysia	5,632,097	4,599,534	56,706	49,923	691,658	9,989	330,983	11,370,890
February	Penang	713,388	443,625	2,526	3,965	38,882	378	12,858	1,215,622
	Malaysia	5,650,161	4,630,255	56,931	50,027	692,704	9,979	331,926	11,421,983
March	Penang	716,684	447,521	2,532	3,966	39,074	376	12,918	1,223,071
	Malaysia	5,672,897	4,667,954	57,119	50,096	694,977	10,026	332,916	11,485,985
April	Penang	719,769	451,584	2,538	3,982	39,224	376	12,979	1,230,452
	Malaysia	5,694,876	4,707,920	57,201	50,189	697,152	10,048	334,395	11,551,781
May	Penang	722,438	455,488	2,544	3,988	39,382	377	13,057	1,237,274
	Malaysia	5,713,971	4,744,855	57,270	50,315	699,034	10,007	335,566	11,611,018
June	Penang	724,782	459,363	2,537	3,994	39,546	380	13,107	1,243,709
	Malaysia	5,733,345	4,781,140	57,308	50,454	701,075	10,038	336,908	11,670,268
July	Penang	727,240	463,875	2,556	3,997	39,708	383	13,202	1,250,961
	Malaysia	5,754,548	4,823,626	57,417	50,587	703,375	10,037	378,294	11,777,884
August	Penang	729,593	468,437	2,565	3,999	39,828	383	13,249	1,258,054
	Malaysia	5,772,894	4,863,953	57,384	50,699	705,429	10,075	339,688	11,800,122
September	Penang	731,506	471,715	2,572	4,008	39,983	389	13,312	1,263,485
	Malaysia	5,789,797	4,897,498	57,475	50,801	707,415	10,053	340,977	11,854,016
October	Penang	733,583	475,719	2,577	4,013	40,169	392	13,365	1,269,818
	Malaysia	5,807,982	4,937,391	57,785	50,897	709,683	10,056	342,397	11,916,191
November	Penang	735,391	479,160	2,602	4,027	40,312	394	13,415	1,275,301
	Malaysia	5,825,960	4,974,850	57,920	51,008	711,738	10,107	344,058	11,975,641
December	Penang	737,334	481,951	2,601	4,033	40,439	394	13,482	1,280,234
	Malaysia	5,842,617	5,001,273	58,066	51,158	713,148	10,073	345,604	12,021,939
Total	Penang	8,702,667	5,538,757	30,678	47,928	475,330	4,602	157,741	14,957,703
	Malaysia	68,891,145	57,630,249	688,582	606,154	8,427,388	120,488	4,093,712	140,457,718

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

Motor Vehicle Re-registration, 2003

Month	Region	Motorcycle	Private Passenger Car	Taxi	Bus	Lorry & Van	Hire Car	Others	Total
January	Penang	740,740	486,823	2,606	4,052	40,625	413	13,529	1,288,788
	Malaysia	5,870,036	5,046,536	58,391	51,340	715,246	10,044	347,383	12,098,976
February	Penang	743,379	489,345	2,611	4,047	40,736	409	13,573	1,294,100
	Malaysia	5,893,005	5,072,152	58,494	51,412	716,399	10,032	348,431	12,149,925
March	Penang	746,299	493,323	2,622	4,060	40,952	412	13,626	1,301,294
	Malaysia	5,917,143	5,108,607	58,783	51,532	718,612	10,084	349,652	12,214,413
April	Penang	749,596	496,962	2,629	4,072	41,187	394	13,665	1,308,505
	Malaysia	5,942,891	5,144,257	59,104	51,693	721,242	10,046	350,823	12,280,056
May	Penang	753,218	500,564	2,637	4,081	41,338	381	13,693	1,315,912
	Malaysia	5,969,703	5,178,740	59,198	51,839	723,506	9,935	351,821	12,344,742
June	Penang	756,798	504,148	2,642	4,078	41,664	381	13,708	1,323,419
	Malaysia	5,997,128	5,213,070	59,213	51,990	726,070	9,921	352,925	12,410,317
July	Penang	761,064	508,376	2,645	4,097	41,859	371	13,820	1,332,232
	Malaysia	6,028,895	5,253,891	59,440	52,127	728,704	9,909	354,362	12,487,328
August	Penang	764,553	512,181	2,648	4,106	42,058	367	13,856	1,339,769
	Malaysia	6,058,190	5,292,497	59,655	52,290	731,222	9,971	355,685	12,559,510
September	Penang	767,337	515,509	2,653	4,111	42,188	368	13,940	1,346,106
	Malaysia	6,085,998	5,327,951	59,861	52,411	733,421	10,004	357,146	12,626,792
October	Penang	770,662	519,181	2,659	4,136	42,404	367	14,018	1,353,427
	Malaysia	6,115,279	5,364,987	60,171	52,549	735,954	10,088	358,684	12,697,712
Total (Jan- Oct)	Penang	7,553,646	5,026,412	26,352	40,840	415,011	3,863	137,428	13,203,552
	Malaysia	59,878,268	52,002,688	592,310	519,183	7,250,376	100,034	3,526,912	123,869,771

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

TRADE

TRADE BALANCE

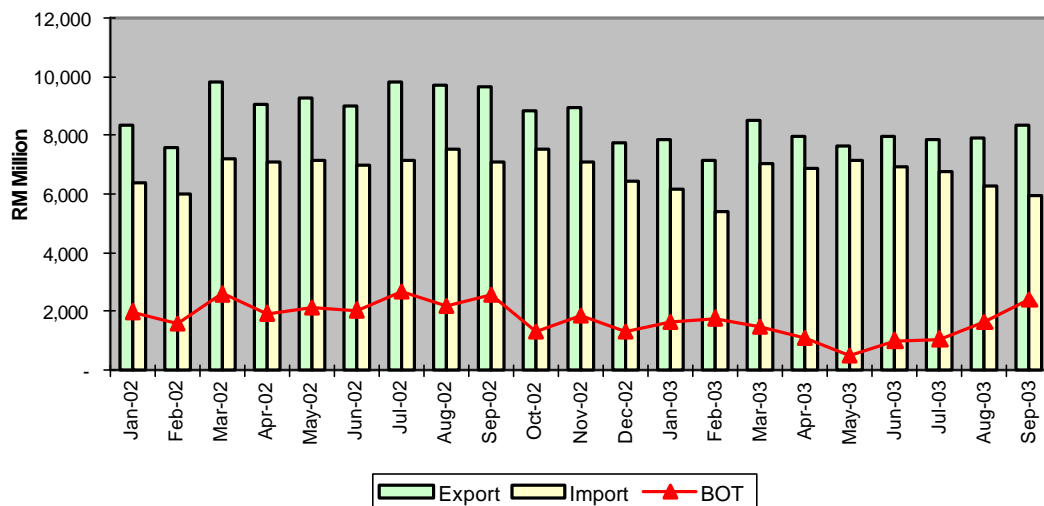
Export, Import & Trade Balance, 2002 – 2003

2002	MALAYSIA			PENANG		
	Export	Import	BOT	Export	Import	BOT
Jan	27,316.93	23,032.95	4,283.98	8,347.69	6,354.10	1,993.59
Feb	24,012.92	20,364.23	3,648.68	7,598.66	6,002.83	1,595.83
Mar	30,576.21	25,581.22	4,995.00	9,820.30	7,222.79	2,597.50
Apr	28,983.01	26,948.79	2,034.22	9,031.39	7,098.49	1,932.89
May	28,995.52	25,368.19	3,627.33	9,243.90	7,116.33	2,127.57
Jun	29,105.76	24,841.76	4,264.00	9,012.36	6,962.75	2,049.61
July	30,946.93	26,869.78	4,077.16	9,821.89	7,141.63	2,680.26
Aug	31,509.65	26,830.89	4,678.76	9,690.83	7,507.77	2,183.06
Sept	31,196.58	26,416.15	4,780.43	9,645.81	7,082.34	2,563.47
Oct	31,898.36	26,994.85	4,903.50	8,825.16	7,512.26	1,312.91
Nov	30,956.53	25,367.28	5,589.25	8,956.75	7,081.11	1,875.65
Dec	28,579.28	23,972.92	4,606.36	7,748.28	6,440.08	1,308.21
TOTAL	354,077.68	302,589.02	51,488.67	107,743.02	83,522.49	24,220.53
2003	Export	Import	BOT	Export	Import	BOT
Jan	30,437.48	24,122.72	6,314.76	7,828.45	6,176.39	1,652.06
Feb	25,927.61	20,966.52	4,961.09	7,148.35	5,374.12	1,774.24
Mar	32,120.83	25,683.21	6,437.62	8,520.65	7,036.94	1,483.71
Apr	30,741.72	24,958.18	5,783.54	7,947.61	6,855.56	1,092.05
May	30,771.28	24,411.61	6,359.66	7,651.55	7,149.31	502.24
Jun	30,808.44	23,922.80	6,885.64	7,963.08	6,949.32	1,013.76
Jul	30,716.34	26,293.57	4,422.78	7,832.19	6,760.88	1,071.30
Aug	31,864.48	23,842.29	8,022.20	7,920.93	6,264.31	1,656.62
Sept	32,760.44	25,400.04	7,360.40	8,332.26	5,939.46	2,392.80
2002 (Jan - Sept)	262,643.52	226,253.96	36,389.56	82,212.82	62,489.05	19,723.77
2003 (Jan - Sept)	276,148.64	219,600.94	56,547.70	71,145.07	58,506.29	12,638.78

BOT= Balance of Trade

Source: Department of Statistics, Malaysia

Penang: Export, Import & Trade Balance, 2002-2003



Source: Derived from data provided by Department of Statistics, Malaysia

PENANG AIRPORT

Aircraft Movement per annum, 1991-2003

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
2003 (Jan-Nov)	23,942

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

Number of Passengers (Domestic & International) per annum, 1991-2003

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
2002 (Jan-Nov)	1.18	1.07	2.25
2003 (Jan-Nov)	1.27	0.89	2.16

Note: Slight discrepancies may arise due to rounding.

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

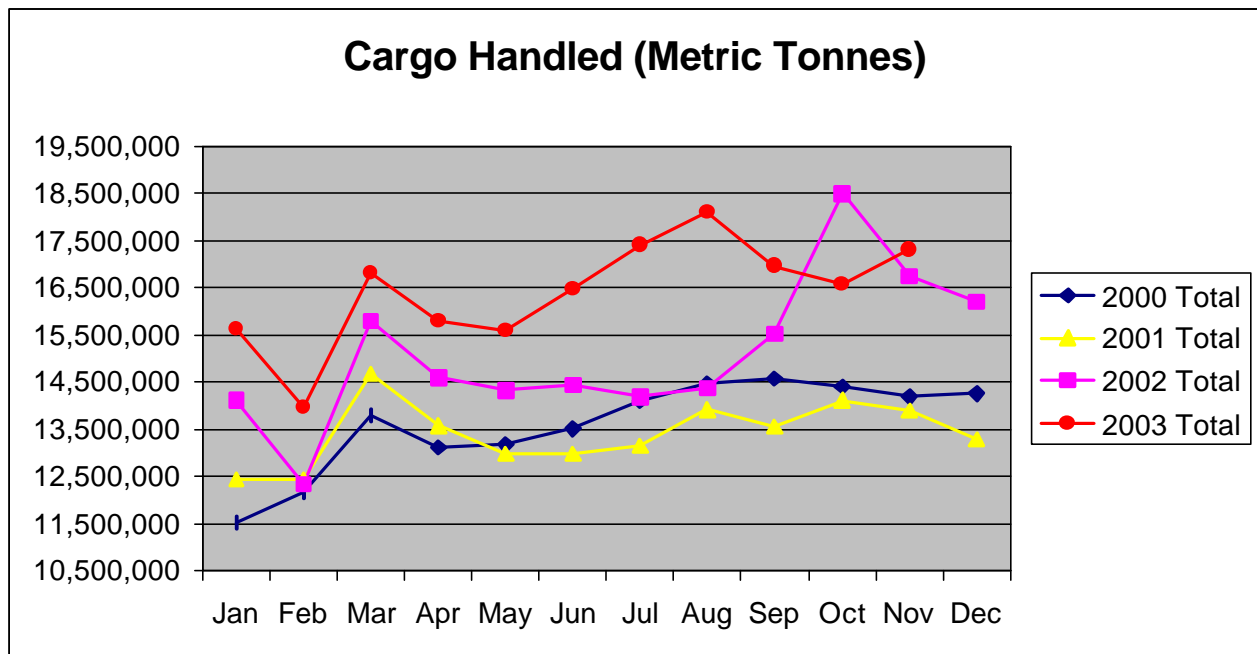
Cargo Handled (Domestic & International) per annum, 1991-2003

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
2002 (Jan-Nov)	39.22	125.74	164.96
2003 (Jan-Nov)	26.15	154.47	180.62

*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.



Source: Malaysia Airports Berhad

PENANG PORT

Annual Number of Shipcalls, 1990-2003

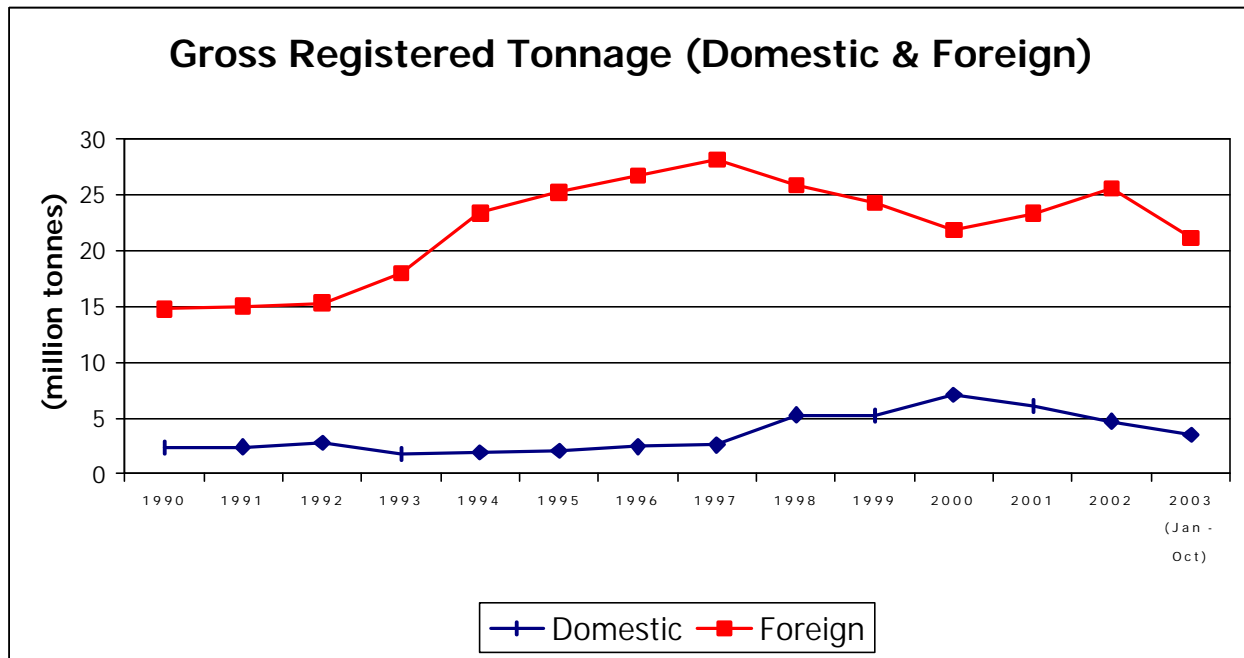
Year	Domestic	Foreign	Total
1990	2,437	3,091	5,528
1991	2,750	3,051	5,801
1992	3,058	3,208	6,266
1993	1,327	4,716	6,043
1994	1,379	4,820	6,199
1995	1,443	5,022	6,465
1996	1,416	5,117	6,533
1997	1,725	5,346	7,071
1998	2,553	5,072	7,625
1999	2,635	4,736	7,371
2000	3,250	4,013	7,263
2001	3,019	4,399	7,418
2002	2,824	4,748	7,572
2002 (Jan-Oct)	2,417	4,060	6,477
2003 (Jan-Oct)	1,744	3,578	5,322

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

Gross Registered Tonnage (Domestic & Foreign) in Million, 1990-2003

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
2002	4.72	25.58	30.29
2002 (Jan-Oct)	3.91	21.44	25.35
2003 (Jan-Oct)	3.53	21.18	24.71

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, 1990-2003

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
2002	2.07	4.00	4.39	11.34	21.80	634,042
2002 (Jan-Oct)	1.76	3.19	3.66	9.37	17.99	531,644
2003 (Jan-Oct)	1.45	3.37	3.37	10.01	18.20	572,818

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, 2000-2003

	2000	2001	2002	2002 (Jan-Jun)	2003 (Jan-Jun)	2002 (Jul-Sept)	2003 (Jul-Sept)
Average Occupancy Rate	57.4%	54.8%	53.9%	50.5%	44.3%	58.4%	54.1%
Average Occupancy Rate for Beach Hotels	66.7%	57.5%	54.1%	49.4%	40.2%	63.9%	51.7%
Average Occupancy for City Hotels	50.8%	53.0%	53.8%	51.2%	47.1%	55.1%	55.8%
Estimated Total Visitor Arrivals for the State	3,780,000	3,469,943	3,425,308	1,492,917	1,319,456	990,024	811,433
Estimated Domestic Share	37.9%	44.5%	47.9%	48.7%	61.3%	43.5%	61.2%
Estimated International Share	62.1%	55.5%	52.1%	51.3%	38.7%	56.5%	38.8%

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: House Price Indices, 1988 - 2001

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

Penang: Number & Percentage of Transactions By Price Range For The Principal Property Sectors, 2003

	Time Period	Residential		Commercial		Industrial		Agriculture		Development Land		Others		Total	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
0-25,000	(Q1 2003)	64	2.2	2	0.7	0	0.0	63	20.5	27	10.9	3	9.7	159	4.1
	(Q2 2003)	46	1.4	9	2.7	0	0.0	52	25.7	33	12.2	10	22.2	150	3.6
	(Q3 2003)	48	1.3	8	1.5	2	1.6	23	18.4	68	13.9	7	14.9	156	3.1
25,001-50,000	(Q1 2003)	208	7.2	1	0.3	0	0.0	58	18.9	24	9.7	6	19.4	297	7.7
	(Q2 2003)	229	7.1	5	1.5	0	0.0	37	18.3	43	15.9	9	20.0	323	7.8
	(Q3 2003)	250	6.8	8	1.5	0	0.0	21	16.8	43	8.8	10	21.3	332	6.6
50,001-75,000	(Q1 2003)	491	16.9	15	5.1	1	1.0	32	10.4	24	9.7	6	19.4	569	14.7
	(Q2 2003)	592	18.4	9	2.7	0	0.0	19	9.4	27	10.0	4	8.9	651	15.7
	(Q3 2003)	707	19.2	10	1.9	0	0.0	12	9.6	42	8.6	6	12.8	777	15.6
75,001-100,000	(Q1 2003)	560	19.3	17	5.7	5	5.2	30	9.8	18	7.3	1	3.2	631	16.3
	(Q2 2003)	619	19.2	15	4.5	0	0.0	16	7.9	15	5.6	3	6.7	668	16.1
	(Q3 2003)	568	15.5	19	3.6	1	0.8	7	5.6	37	7.6	5	10.6	637	12.8
100,001-150,000	(Q1 2003)	639	22.0	37	12.5	5	5.2	36	11.7	26	10.5	2	6.5	745	19.2
	(Q2 2003)	743	23.1	46	13.9	2	2.2	27	13.4	26	9.6	1	2.2	845	20.3
	(Q3 2003)	832	22.6	65	12.2	3	2.4	19	15.2	94	19.2	3	6.4	1,016	20.3
150,001-200,000	(Q1 2003)	353	12.2	39	13.2	10	10.4	27	8.8	24	9.7	3	937.0	456	11.8
	(Q2 2003)	340	10.6	51	15.4	8	9.0	12	5.9	17	6.3	2	4.4	430	10.3
	(Q3 2003)	437	11.9	96	18.1	8	6.3	5	4.0	55	11.2	0	0.0	601	12.0
200,001-250,000	(Q1 2003)	170	5.9	42	14.2	12	12.5	10	3.3	15	6.1	0	0.0	249	6.4
	(Q2 2003)	164	5.1	45	13.6	8	9.0	7	3.5	16	5.9	3	6.7	243	5.8
	(Q3 2003)	198	5.4	80	15.1	7	5.6	4	3.2	24	4.9	1	2.1	314	6.3
250,001-500,000	(Q1 2003)	325	11.2	93	31.4	38	39.6	27	8.8	41	16.6	5	16.1	529	13.6
	(Q2 2003)	386	12.0	103	31.1	45	50.6	19	9.4	41	15.2	4	8.9	598	14.4
	(Q3 2003)	512	13.9	177	33.3	63	50.0	21	16.8	56	11.4	9	19.1	838	16.8
500,001-1,000,000	(Q1 2003)	68	2.3	36	12.2	7	7.3	21	6.8	19	7.7	4	12.9	155	4.0
	(Q2 2003)	79	2.5	30	9.1	15	16.9	9	4.5	28	10.4	8	17.8	169	4.1
	(Q3 2003)	106	2.9	59	11.1	25	19.8	12	9.6	31	6.3	5	10.6	238	4.8
1,000,000 & above	(Q1 2003)	25	0.9	14	4.7	18	18.8	3	1.0	29	11.7	1	3.2	90	2.3
	(Q2 2003)	21	0.7	18	5.4	11	12.4	4	2.0	24	8.9	1	2.2	79	1.9
	(Q3 2003)	18	0.5	9	1.7	17	13.5	1	0.8	40	8.2	1	2.1	86	1.7
Total	(Q1 2003)	2,903		296		96		307		247		31		3,880	
	(Q2 2003)	3,219		331		89		202		270		45		4,156	
	(Q3 2003)	3,676		531		126		125		490		47		4,995	
(% Breakdown)	(Q1 2003)	74.8		7.6		2.5		7.9		6.4		0.8		100.0	
	(Q2 2003)	77.5		8.0		2.1		4.9		6.5		1.1		100.0	
	(Q3 2003)	73.6		10.6		2.5		2.5		9.8		0.9		100.0	

Source: Valuation and Property Services Department, Malaysia

Penang: Value of Transactions By Price Range For the Principal Property Sectors (RM Million), 2003

	Time Period	Residential	Commercial	Industrial	Agriculture	Development Land	Others	Total
0-25,000	(Q1 2003)	1.43	0.01	0.00	0.96	0.44	0.02	2.85
	(Q2 2003)	0.94	0.13	0.00	0.66	0.50	0.08	2.31
	(Q3 2003)	0.97	0.15	0.03	0.30	1.11	0.08	2.64
25,001-50,000	(Q1 2003)	8.44	0.05	0.00	2.14	0.94	0.26	11.83
	(Q2 2003)	9.40	0.19	0.00	1.40	1.62	0.29	12.90
	(Q3 2003)	9.98	0.32	0.00	0.78	1.59	0.33	13.01
50,001-75,000	(Q1 2003)	31.72	0.99	0.05	2.03	1.52	0.38	36.70
	(Q2 2003)	38.15	0.53	0.00	1.17	1.73	0.23	41.81
	(Q3 2003)	45.52	0.65	0.00	0.74	2.66	0.34	49.90
75,001-100,000	(Q1 2003)	49.72	1.48	0.50	2.74	1.58	0.08	56.10
	(Q2 2003)	55.15	1.37	0.00	1.47	1.30	0.27	59.56
	(Q3 2003)	50.45	1.80	0.10	0.62	3.25	0.43	56.64
100,001-150,000	(Q1 2003)	80.50	4.85	0.64	4.52	3.09	0.23	93.82
	(Q2 2003)	93.59	5.78	0.26	3.48	3.27	0.11	106.49
	(Q3 2003)	104.54	8.44	0.39	2.44	11.12	0.32	127.25
150,001-200,000	(Q1 2003)	61.06	6.76	1.85	4.89	4.22	0.53	79.32
	(Q2 2003)	58.95	8.89	1.46	2.10	3.07	0.33	74.80
	(Q3 2003)	75.96	17.43	1.42	0.87	9.65	0.00	105.33
200,001-250,000	(Q1 2003)	38.75	9.60	2.71	2.27	3.27	0.00	56.61
	(Q2 2003)	37.29	10.37	1.89	1.56	3.64	0.67	55.42
	(Q3 2003)	44.91	18.54	1.54	0.88	5.55	0.23	71.65
250,001-500,000	(Q1 2003)	112.25	34.67	12.94	9.89	14.80	1.92	186.46
	(Q2 2003)	133.30	37.21	15.54	6.33	15.04	1.68	209.10
	(Q3 2003)	178.82	61.67	21.68	7.69	19.77	3.03	292.66
500,001-1,000,000	(Q1 2003)	44.83	25.35	4.59	15.27	13.81	3.24	107.09
	(Q2 2003)	52.42	19.66	10.19	6.55	20.76	5.02	114.60
	(Q3 2003)	70.42	38.07	16.11	8.84	21.57	3.52	158.52
1,000,000 & above	(Q1 2003)	38.82	51.81	43.43	4.38	70.59	2.19	211.22
	(Q2 2003)	39.28	70.23	19.83	10.72	61.51	1.10	202.67
	(Q3 2003)	33.69	21.86	48.01	2.62	138.13	3.06	247.36
Total	(Q1 2003)	467.53	135.57	66.71	49.08	114.26	8.84	841.99
	(Q2 2003)	518.47	154.36	49.18	35.44	112.44	9.78	879.66
	(Q3 2003)	615.25	168.92	89.28	25.78	214.40	11.34	1,124.97
(% Breakdown)	(Q1 2003)	55.5	16.1	7.9	5.8	13.6	1.1	100.0
	(Q2 2003)	58.9	17.5	5.6	4.0	12.8	1.1	100.0
	(Q3 2003)	54.70	15.00	7.90	2.30	19.10	1.00	100.00

Source: Valuation and Property Services Department, Malaysia

EDUCATION

Penang: Number of Schools, Students & Teachers at the Primary Level, 2000-2003

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	134	139	80,642	80,230	83,369	88,562	4,221	4,200	4,408	4,929
SRJK(C)	90	90	90	90	55,329	53,808	55,645	56,810	2,538	2,607	2,658	2,867
SRJK(T)	28	28	28	28	4,761	4,848	5,079	5,315	342	346	336	368
SR Khas	3	3	3	3	200	164	170	154	53	45	51	54
Total	244	248	255	260	140,932	139,050	144,263	150,841	7,154	7,198	7,453	8,218

Source: Jabatan Pendidikan Negeri, Pulau Pinang

Penang: Number of Schools, Students & Teachers at the Secondary Level, 2000-2003

Type of School	No. of Schools				No. of Students				No. of Teachers			
	2000	2001	2002	2003	2000	2001	2002	2003	2000	2001	2002	2003
SMK	71	75	83	89	103,308	104,295	102,428	101,877	5,669	5,837	6,039	6,186
SM (Asrama Penuh)	1	1	1	1	668	624	666	662	75	72	66	65
SM Khas	1	1	1	1	215	197	192	203	198	44	41	44
SM Vokasional & Teknik	5	5	6	6	3,434	2,299	3,349	3,352	44	343	374	402
SM Agama	4	4	4	4	2,586	2,958	2,565	2,646	318	206	215	228
Total	82	86	95	101	110,211	110,373	109,200	108,742	6,304	6,502	6,735	6,925

Source: Jabatan Pendidikan Negeri, Pulau Pinang

Penang: Number of Students Taking Public Exams and Passing Rates, 2002-2003

	No. of Students		No. of Passes		Passing Rate (%)	
	2002	2003	2002	2003	2002	2003
UPSR	22,673	22,855	13,861	14,648	61.2%	64.1%
PMR	19,337	19,227	12,982	18,311	67.0%	95.2%
SPM	19,236	n.a	16,421	n.a	85.4%	n.a
STPM	3,909	n.a	2,967	n.a	98.7%	n.a

Source: Jabatan Pendidikan Negeri, Pulau Pinang

Penang: Number of Dropouts, 2001-2003

	2001	2002	2003
Primary School Level	78	75	68
Secondary School Level	1,117	1,002	981

Source: Jabatan Pendidikan Negeri, Pulau Pinang

Penang: Number of Private Education Institutions (as of September 2003)

Type of Institution	Number of Institutions	Number of Students	Number of Teachers
Private Primary Schools	2*	258	38
Private Secondary Schools	3*	516	42
Private Religious Primary Schools	0*	0	0
Private Religious Secondary Schools	0*	0	0
Chinese Independent Schools	5	2,622	244
International Schools	3	1,132	139
Expatriate Schools	2	300	94
Special Need Schools	2	78	15
Kindergartens	287	9,517	1,849
Total Private Education Institutions	304	14,423	2,421

Note: * - 2002 Data

Source: Jabatan Pendidikan Swasta, Malaysia

Penang: Number of Private Higher Education Institutions (as of September 2003)

Type of Institution	Number of Institutions	Number of Students
Private Universities	0	0
University Colleges	0	0
Foreign University Branch Campuses	0	0
Malaysian Branch Campuses Overseas	0	0
Private Colleges	46	17,445
Total Private Higher Education Institutions	46	17,445

Source: *Jabatan Pendidikan Swasta, Malaysia*

Penang: USM - Students Enrolment by Study Programme

Programme	Academic Year		
	2000 / 2001	2001 / 2002	2002 / 2003
Physics [Sains Fizik]	331	372	372
Applied Sciences (Physics) [Sains Gunaan (Fizik)]	267	302	406
Biological Sciences [Sains Kajihayat]	350	399	401
Applied Sciences (Biology) [Sains Gunaan (Biologi)]	466	481	467
Chemical Sciences [Sains Kimia]	380	432	447
Applied Sciences (Chemistry) [Sains Gunaan (Kimia)]	306	327	339
Mathematical Sciences [Sains Matematik]	367	401	390
Applied Sciences (Mathematics) [Sains Gunaan (Matematik)]	451	503	534
Science with Education [Sains dgn. Pendidikan]	780	910	952
Pharmaceutical Sciences [Sains Farmasi]	441	439	463
Medical Sciences [Sains Perubatan]	964	961	922
Dental Sciences [Sains Pergigian]	81	117	173
Health Sciences (Biomedicine) [Sains Kesihatan (Bioperubatan)]	36	61	94
Health Sciences (Nursing) [Sains Kesihatan (Kejururawatan)]	20	46	87
Health Sciences (Dietetic) [Sains Kesihatan (Dietetik)]	25	51	86
Science (Forensic Science) [Sains (Sains Forensik)]	30	57	90
Health Sciences (Medical Rays) [Sains Kesihatan (Sinaran Perubatan)]	0	27	58
Computer Sciences [Sains Komputer]	671	657	667
Industrial Technology [Teknologi Industri]	921	942	911
Housing, Building & Planning [Perumahan, Bangunan & Perancangan]	664	689	700
Architecture [Seni Bina]	64	64	63
Civil Engineering [Kejuruteraan Awam]	471	487	453
Electrical & Electronic Engineering [Kejuruteraan Elektrik & Elektronik]	553	561	585
Materials & Mineral Resources Engineering [Kejuruteraan Bahan & Sumber Mineral]	467	483	466
Polymer Engineering [Kejuruteraan Polimer]	0	0	59
Mechanical Engineering [Kejuruteraan Mekanik]	388	387	367
Manufacturing with Management Engineering [Kejuruteraan Pembuatan & Pengurusan]	65	94	117
Chemical Engineering [Kejuruteraan Kimia]	383	353	330
Aerospace Engineering [Kejuruteraan Aeroangkasa]	164	161	168
Humanities [Ilmu Kemanusiaan]	669	704	679
Arts (English Language & Literature Studies) [Sastera (Bahasa Inggeris & Kesusasteraan)]	218	156	99
Arts (Translation & Interpretation) [Sastera (Terjemahan & Intepretasi)]	191	162	172
Social Sciences [Sains Kemasyarakatan]	1,070	1,085	1,009
Arts with Education [Sastera dengan Pendidikan]	1,046	1,054	972
Educational Studies [Ilmu Pendidikan]	311	286	284
Multimedia Education [Pendidikan Multimedia]	0	0	40
TESOL Education [Pendidikan TESOL]	0	0	49
Communication [Komunikasi]	596	637	626
Management [Pengurusan]	902	979	986
Accounting [Perakaunan]	296	369	363
Arts (Art)	135	136	131
Fine Art [Seni Halus]	69	117	124
Music [Seni Muzik]	13	19	24
Total	15,622	16,468	16,725

Source: *Universiti Sains Malaysia, Penang*

HEALTH

Life Expectancy (Peninsula Malaysia):

Male	69.6 years
Female	74.6 years

Vital Statistics of Penang (per thousand), 1993-2003

	1993	1994	1995	1996	1997	1998	1999	2000	2002	2003 (Jan-Oct)
Crude Birth Rate	21.5	22.8	24.9	23.6	21.8	20.8	20.9	19.00	18.17	n.a
Crude Death Rate	5.3	6.3	5.9	6.4	6.2	6.2	6.09	6.00	6.01	n.a
Infant Mortality Rate	9.0	8.7	7.2	7.5	7.0	6.2	5.55	5.31	6.50	3.94
Prenatal Mortality Rate	12.8	12.5	9.9	9.5	8.6	8.3	8.97	7.35	9.20	5.29
Neonatal Mortality Rate	6.8	6.3	5.0	5.3	4.9	4.1	3.98	4.90	4.6	3.07
Toddler Mortality Rate	0.4	0.3	0.4	0.4	0.3	0.4	0.19	0.15	0.2	0.23
Maternal Mortality Rate	0.3	0.6	0.3	0.3	0.4	0.5	0.16	0.16	0.6	0.3

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

Penang: Ratio of Medical Professionals – Population, 1993-2002

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Doctor	1:1435	1:1514	1:1482	1:1432	1:1353	1:1244	1:1194	1:1145	1:1031	1:1028
Dentist	1:11932	1:9365	1:9576	1:8882	1:9258	1:9425	1:8203	1:7871	1:7729	1:8912
Nurse	1:606	1:713	1:669	1:677	1:728	1:689	1:633	1:600	1:577	1:596

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

Penang: Health Facilities 1997-2003

	1997	1998	1999	2000	2002	2003 (Jan- Oct)
Government Hospital	5	5	5	5	5	6
Private Hospital	11	11	11	11	11	11
Private Maternity Home	7	7	8	8	8	8
Polyclinic	6	6	6	6	3	4
Mother & Child Health Care	12	12	12	12	14	14**
Health Centre	16	16	16	16	30*	30**
Rural Clinics	28	61	61	61	62	62
Midwives-quarters-cum-clinics	38	3	3	3	2	2

* Inclusive of Polyclinic & Hospitals' Outpatient Department

** Inclusive of MCH Clinic located in Health Clinic Building

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

Penang: Number of Hospital Beds (Government & Private) According to Administrative District, 2000 - 2002

District	2000			2001			2002		
	Govt	Private	Total	Govt	Private	Total	Govt	Private	Total
Timur Laut	1,236	1,512	2,748	1,236	1,380	2,616	1,236	1,523	2,759
Barat Daya	71	n.a	71	71	150	221	71	150	221
S. Perai Utara	314	n.a	314	314	130	444	0*	198	198
S. Perai Tengah	260	132	392	242	138	380	556	115	671
S. Perai Selatan	130	0	130	130	0	130	130	0	130
Total	2,011	1,644	3,655	1,993	1,798	3,791	1,993	1,986	3,979

* Hospital Seberang Jaya & Hospital Bukit Mertajam has administratively merged, but they are still, physically, 2 separate hospitals. Hospital administration is now based in SPT, therefore technically, there were 0 hospital beds in SPU for 2002.

Source: State/District Data Bank 2002, DOS, Malaysia; Penang State Health Department, series of Penang Health Information and from unpublished sources

Penang: Number of Beds, Bed Occupancy Rate (BOR) & Average Length of Stay (ALOS) for Government Hospitals, 2003

Hospital	2003 (Jan – Oct)		
	Beds	BOR	ALOS
Hospital Pulau Pinang	1,090	58.63	5.30
RHSP (Hospital Seberang Jaya)	314	83.59	3.09
RHSP (Hospital Bukit Mertajam)	242	41.79	3.44
Hospital Sungai Bakap	130	35.30	2.69
Hospital Balik Pulau	71	62.46	6.52
Hospital Kepala Batas*	108	22.54	2.93
Total	1,955	57.15	4.18

RHSP = Rangkaian Hospital Seberang Perai (A merging hospital which consists of Hospital Seberang Jaya & Hospital Bukit Mertajam, but physically still 2 hospitals)

* Hospital Kepala Batas commenced its services on 1st Jan 2003

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

Penang: HIV/AIDS (Total Identified Cases), 1998-2003

	1998	1999	2000	2001	2002	2003 (Jan-Jun)
HIV	233	225	194	215	268	143
AIDS	52(35)	105(55)	70(52)	69(34)	88(45)	26(9)

Note: () = deaths

Source: Penang State Health Department

SELECTED NATIONAL STATISTICS

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

Component	RM Million						
	Q1/2002	Q2/2002	Q3/2002	Q4/2002	Q1/2003	Q2/2003	Q3/2003
National Accounts (GDP) at Current Prices	83,176	88,239	93,867	95,799	93,622	95,134	99,117
Agriculture, Forestry and Fishing	6,940	7,920	8,973	9,248	8,158	9,064	9,668
Mining and Quarrying	8,091	7,580	9,937	10,663	10,855	9,538	9,405
Manufacturing	25,420	27,776	29,017	28,655	28,798	30,027	31,317
Electricity, Gas and Water	3,001	3,112	3,172	3,099	3,056	3,232	3,165
Construction	3,404	3,820	3,772	3,714	3,440	3,846	3,840
Wholesale and Retail Trade, Hotel and Restaurants	11,914	12,355	12,950	13,422	12,885	12,186	13,485
Transport, storage and Communication	6,396	6,707	6,624	6,570	6,207	6,373	6,772
Finance, Insurance, real estate and business services	9,560	9,997	9,854	10,309	10,692	10,923	11,027
Other Services	5,879	5,870	5,990	6,123	6,328	6,283	6,493
Government Services	6,173	6,533	6,999	7,536	6,842	7,178	7,228
Less : Imputed bank service charges	5,161	5,209	5,177	5,262	5,256	5,130	5,111
Plus : import duties	1,560	1,778	1,756	1,721	1,616	1,615	1,827
National Accounts (GDP) at 1987 Prices	52,123	54,135	56,152	56,682	54,508	56,732	59,103
Agriculture, Forestry and Fishing	4,171	4,425	4,944	4,802	4,328	4,906	5,299
Mining and Quarrying	4,108	3,724	4,217	4,426	4,120	4,103	4,011
Manufacturing	15,722	16,672	17,053	16,679	16,592	17,689	18,448
Electricity, Gas and Water	2,274	2,357	2,401	2,344	2,274	2,396	2,343
Construction	1,703	1,900	1,876	1,845	1,712	1,914	1,909
Wholesale and Retail Trade, Hotel and Restaurants	7,794	9,706	8,281	8,583	8,075	7,771	8,541
Transport, storage and Communication	4,563	4,723	4,794	4,773	4,658	4,821	5,062
Finance, Insurance, real estate and business services	7,347	7,567	7,474	7,951	7,926	8,148	8,206
Other Services	4,205	4,182	4,256	4,343	4,453	4,406	4,556
Government Services	3,642	3,854	4,037	4,298	3,954	4,148	4,179
Less : Imputed bank service charges	4,674	4,621	4,599	4,749	4,894	4,876	4,924
Plus : import duties	1,269	1,445	1,417	1,388	1,311	1,307	1,474

Source: Bank Negara Malaysia

Note: Data is subject to adjustments and revisions by 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
Q1/2003	3.8000	6.0909	4.0764	n.a.	3.1969	2.1783
Q2/2003	3.8000	6.1513	4.3165	n.a.	3.2054	2.1730
Q3/2003	3.8000	6.1210	4.2778	n.a.	3.2336	2.1696
Q4/2003	3.8000	6.4815	4.5227	n.a.	3.4925	2.2042

Source: Bank Negara Malaysia

Currency	January-September				
	2001	2002	2002	2003	% Change
Per Unit					
US dollar	3.8000	3.8000	3.8000	3.8000	0.0
Pound Sterling	5.4741	5.7108	5.6231	6.1216	- 8.1
Singapore Dollar	2.1217	2.1227	2.1136	2.1739	- 2.8
Euro	3.4051	3.5919	3.5215	4.2260	- 16.7
Per 100 Units					
Japanese Yen	3.1296	3.0384	3.0166	3.2126	- 6.1
Thai Baht	8.5451	8.8399	8.8694	9.0261	- 1.7
Philippine Peso	7.4532	7.3682	7.4457	7.0561	5.5
Indonesia Rupiah	0.0373	0.0409	0.0405	0.0442	- 8.3
Saudi Arabian Riyal	101.3238	101.3254	101.3255	101.3395	0.0

Source: The Malaysian Economy in Brief, Oct 2003, Department of Statistics, Malaysia

Malaysia: National Indices & Employment Data

	Unit Description	Latest Period	Latest Data	Previous Period
Industrial Production Index	1993=100	Oct-03	222.1	212.6
Employment	(million persons)	Q3/2003	9.987	9.757
Employment	% of labour force	Q3/2003	96.6	96.0
Unemployment	(million persons)	Q3/2003	0.351	0.410
Unemployment	% of labour force	Q3/2003	3.4	4.0
Average salaries and wages per employee in manufacturing sector	RM per month	Oct-03	1,590.1	1,600.7
Consumer Price Index	2000=100	Nov-03	104.7	104.6
Producer Price Index	1989=100	Nov-03	143.1	140.8

Source: Bank Negara Malaysia

Malaysia: Federal Government Accounts

Component	RM Million		
	2000	2001	2002
Public Sector Operations			
General Government			
Revenue	76,002	91,633	96,763
Operating Expenditure	64,445	72,299	75,450
Current Account	11,557	19,334	21,313
NPFE's Operating Surplus	41,204	39,484	45,324
Public Sector Current Account	52,761	58,818	66,637
Net Development Expenditure	50,439	59,724	69,125
Public Sector Overall Balance	2,322	-906	-2,488
Domestic Financing	-10,687	-5,705	-4,698
Bank	-29,316	-25,834	-13,809
Non-Bank	18,629	20,129	9,111
Foreign Borrowing	8,365	6,611	7,186

Source: Bank Negara Malaysia

Malaysia: Producer Price Index

Section	Weights	2002	Sept 2003	January-September Average		
				2002	2003	% Change
Food & Live Animals Chiefly for Food	14.88	131.5	131.5	131.8	130.8	-0.8
Beverages and Tobacco	2.08	163.4	164.4	163.0	164.3	0.8
Crude Materials, Inedible Except Fuels	17.96	116.1	123.8	114.4	122.9	7.4
Mineral Fuel / Lubricants & Related Materials	18.82	159.8	174.1	156.5	176.4	12.7
Animal & Vegetable Oils & Fats	8.47	154.7	163.9	147.9	171.3	15.8
Chemicals & Related Products N.E.S.	4.42	117.9	119.2	117.8	119.4	1.4
Manufactured Goods Classified Chiefly by Material	10.82	120.2	122.6	120.1	122.1	1.7
Machinery & Transport Equipment	18.35	110.0	110.0	110.0	110.1	0.1
Miscellaneous Manufactured Articles	3.61	127.5	128.9	127.4	128.5	0.9
Commodities & Transactions N.E.C. in the S.I.T.C.	0.59	129.3	129.9	129.1	129.9	0.6
Total	100.00	130.9	136.0	129.3	136.8	5.8

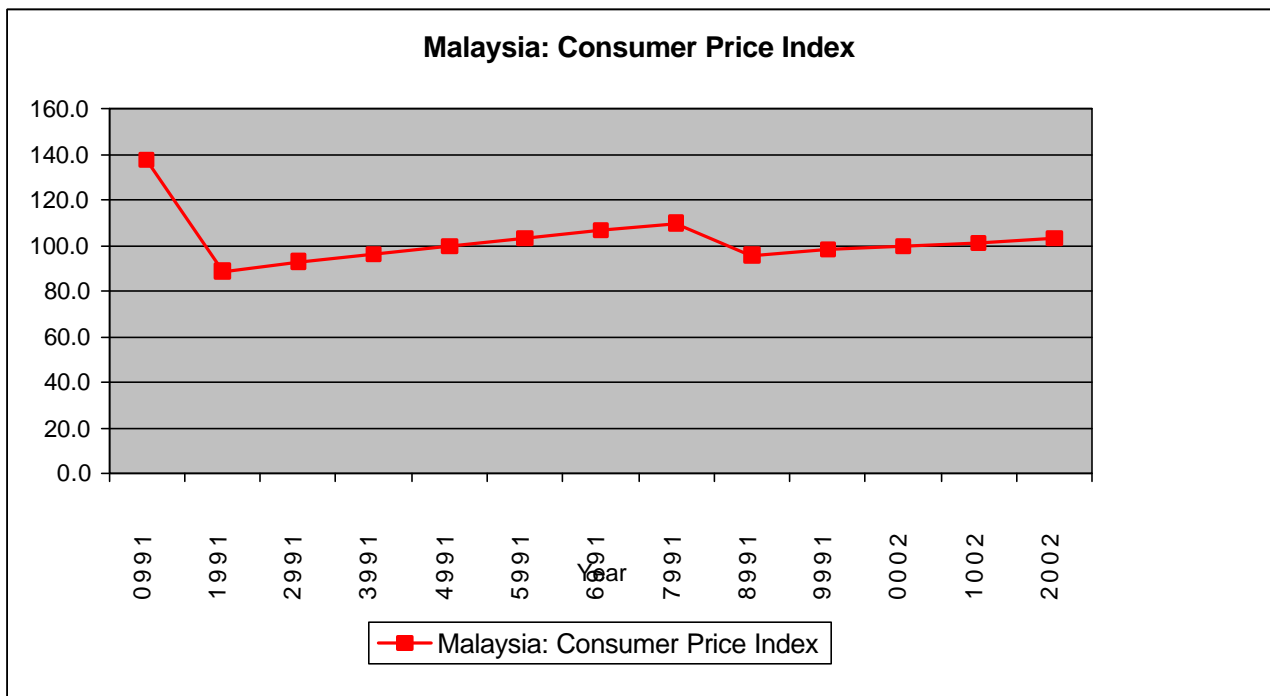
Source: The Malaysian Economy in Brief, Oct 2003, Department of Statistics, Malaysia

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	101.8	95.2	102.1	99.7	105.4	110.4	100.1	101.8
2003										
Jan	104.0	102.8	109.2	93.9	102.4	99.4	106.5	111.5	100.5	102.7
Feb	104.2	103.1	109.2	94.1	102.6	99.4	106.6	111.5	100.9	103.2
Mar	104.0	102.2	109.2	93.4	102.7	99.3	106.8	111.9	100.7	103.0
Apr	104.2	102.4	109.3	94.2	102.7	99.3	107.0	112.7	100.7	102.6
May	104.3	102.5	109.2	93.8	103.0	99.2	107.2	112.6	100.7	102.7
Jun	104.2	102.4	109.3	93.6	103.0	99.2	107.2	112.6	100.9	103.0
Jul	104.4	102.7	109.3	93.8	103.1	99.2	107.3	112.5	100.9	103.0
Aug	104.3	102.6	109.3	92.7	103.4	99.0	107.4	112.5	100.8	102.9
Sept	104.5	102.5	114.4	93.4	103.4	99.1	107.4	112.4	100.8	103.5
Oct	104.2	102.8	114.5	93.9	103.4	99.0	107.6	112.3	100.7	103.5
Nov	104.7	103.1	114.5	92.1	103.5	98.9	107.6	112.3	100.7	103.5

Source: Department of Statistics, Malaysia



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
2003						
Jan	183.6	136.5	238.5	192.5	196.1	183.6
Feb	195.4	121.9	209.6	217.0	225.4	194.6
Mar	197.5	132.5	244.5	213.0	219.1	197.5
Apr	200.1	129.4	241.5	218.0	222.4	207.5
May	210.7	132.9	249.2	231.2	239.0	211.7
Jun	194.8	129.9	242.6	210.1	217.8	189.9
Jul	214.0	129.1	249.5	237.0	247.1	210.9
Aug	207.6	129.7	247.5	227.8	236.6	204.9
Sept	212.6	126.9	243.6	236.4	247.1	207.9
Oct	222.1	133.8	251.5	246.8	260.7	209.7

2003		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	196.1	222.0	280.7	130.1	110.7	86.9	241.7	175.5	192.6	98.7
Feb	225.4	263.2	339.3	144.3	107.1	99.7	272.1	211.2	204.1	111.1
Mar	219.1	253.6	326.0	140.4	102.0	96.5	270.6	188.7	209.3	111.2
Apr	222.4	257.3	326.8	148.5	111.9	100.6	259.7	193.8	236.8	125.0
May	239.0	276.4	352.2	157.8	113.5	102.7	279.0	211.1	269.8	121.6
Jun	217.8	245.8	311.8	142.5	105.5	91.7	263.0	209.8	242.9	118.8
Jul	247.1	272.7	347.5	155.7	119.4	105.4	307.8	245.4	279.9	126.4
Aug	236.6	264.5	341.2	144.5	102.3	103.3	289.3	235.3	270.7	128.7
Sept	247.1	283.7	369.4	149.8	112.4	101.5	298.0	236.1	262.5	127.6
Oct	260.7	304.6	394.3	164.3	115.0	112.2	311.6	240.5	258.9	133.3

2003		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
Feb	194.6	186.7	205.9	229.9	179.1	196.3	187.0	166.6	148.1	198.8
Mar	197.5	197.2	214.7	233.0	175.8	200.5	186.9	157.7	133.3	195.2
Apr	207.5	209.2	208.2	235.1	178.8	248.1	179.4	145.0	137.3	206.2
May	211.7	216.9	216.8	233.0	171.2	256.3	202.3	139.1	129.5	211.5
Jun	189.9	191.3	188.0	228.7	179.6	196.9	169.8	170.6	120.8	184.5
Jul	210.9	206.7	210.6	273.9	187.2	214.0	227.0	158.1	135.3	195.7
Aug	204.9	203.1	204.5	249.6	187.6	204.3	227.5	170.7	138.9	191.3
Sept	209.9	195.4	217.2	244.3	190.8	216.4	232.9	177.1	157.0	184.8
Oct	209.7	207.4	214.7	247.4	186.5	219.3	245.0	129.8	166.2	191.3

Source: Department of Statistics, Malaysia