

# PENANG STATISTICS

## QUARTER 2, 2018



**PENANG**  
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making ideas work

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## Preface

*Penang Statistics* is published once every three months. Initiated in 1999, this series collates data provided by government departments and private organisations at state and national level, for the use of policymakers, researchers, academics and investors. The statistics found herein are Penang-relevant, but key national economic statistics are also included, covering the areas of agriculture, fisheries, livestock, manufacturing, water, electricity, telecommunications, property, tourism, logistics, health and education.

This publication is divided into the following categories:

1. The demography of Penang by sex, ethnicity and distribution;
2. Key state economic indicators such as Gross Domestic Product (GDP) and inflation rate;
3. Economic activities, namely primary sector (agriculture, livestock and fisheries) secondary sector (manufacturing) and tertiary sector (utilities, transport, trade, logistics, tourism, property, education, health and education); and
4. Selected national statistics.

Penang Institute would like to thank all state and federal government departments as well as private organisations for their continuous support and assistance in contributing to the success of *Penang Statistics*. It is also hoped that this publication can act as a baseline guide for primary research that will keep policymakers informed of the latest trends affecting Penang.

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## PHYSICAL ATTRIBUTES

AREA		
	<b>State of Penang</b>	<b>1,032 sq. km</b>
	Timur Laut	119 sq. km
	Barat Daya	173 sq. km
	Seberang Perai Utara (Butterworth)	263 sq. km
	Seberang Perai Tengah (B.Mertajam)	236 sq. km
	Seberang Perai Selatan (Nibong Tebal)	241 sq. km
LOCATION		
	Latitudes	5° 19'
	Longitudes	100° 19'

**Note: The data is updated in 2017**

**Source: Department of Statistics, Malaysia**

## DEMOGRAPHY

Penang: Estimated Population (in '000) and Distribution by Districts, 2013 – 2017

District	2013	2014	2015	2016	2017
Timur Laut	531.40	533.30	535.20	566.90	572.50
Barat Daya	211.90	214.70	217.60	224.90	228.00
Seberang Perai Utara	305.60	308.10	310.70	327.40	331.90
Seberang Perai Tengah	387.70	391.40	395.10	417.40	422.90
Seberang Perai Selatan	191.80	198.10	204.40	189.10	191.40
<b>Penang</b>	<b>1,628.40</b>	<b>1,645.70</b>	<b>1,663.00</b>	<b>1,725.80</b>	<b>1,746.70</b>

**Note: Mid-Year Population Estimates (from 2013-2015) and Revised Population Projections (for 2016 and 2017) based on data sourced from the 2010 Population and Housing Census, Malaysia. Slight discrepancies may occur due to rounding.**

**Source: Department of Statistics, Malaysia**

Penang: Estimated Population by Sex (in '000), 2014 – 2018

Gender	2014	2015	2016	2017	2018e
Male	845.3	855.2	864.6	877.1	883.8
Female	832.8	842.9	853.0	867.0	883.0
<b>Total</b>	<b>1,678.1</b>	<b>1,698.1</b>	<b>1,717.7</b>	<b>1,744.1</b>	<b>1,766.8</b>

**e: Estimate**

**Note: The mid-year population estimates are based on the adjusted data from the 2010 Population and Housing Census, Malaysia. Slight discrepancies may occur due to rounding.**

**Source: Population Quick Info, Department of Statistics, Malaysia**

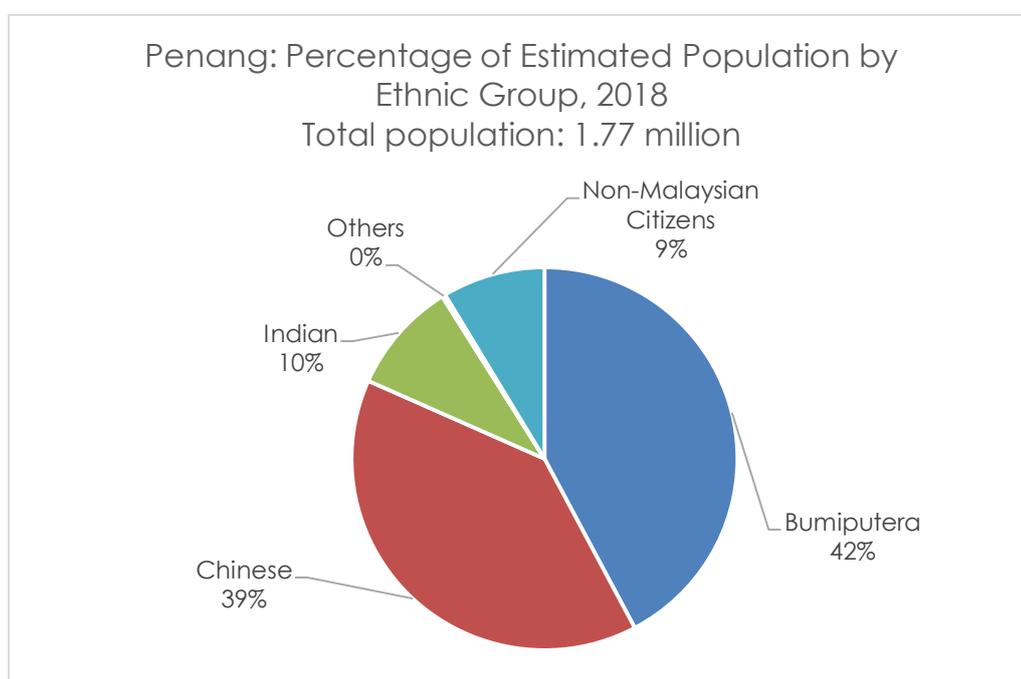
Penang: Estimated Population by Ethnic Group (in '000), 2014 – 2018

Ethnic Group	2014	2015	2016	2017	2018e
<b>Malaysian Citizens</b>	<b>1,543.5</b>	<b>1,556.9</b>	<b>1,571.4</b>	<b>1,593.8</b>	<b>1,614.5</b>
Bumiputera	693.1	701.6	711.8	728.6	746.5
Chinese	683.5	685.8	688.9	694.2	696.4
Indian	161.9	164.3	165.7	166.1	166.6
Others	5.0	5.2	5.0	5.0	5.0
<b>Non-Malaysian Citizens</b>	<b>134.5</b>	<b>141.2</b>	<b>146.3</b>	<b>150.3</b>	<b>152.3</b>
<b>Total</b>	<b>1,678.1</b>	<b>1,698.1</b>	<b>1,717.7</b>	<b>1,744.1</b>	<b>1,766.8</b>

e: Estimate

Note: The mid-year population estimates are based on the adjusted data from the 2010 Population and Housing Census, Malaysia. Slight discrepancies may occur due to rounding.

Source: Population Quick Info, Department of Statistics, Malaysia



Source: Department of Statistics, Malaysia

## ECONOMIC

Penang: Gross Domestic Product (In 2010–Constant Prices), 2014 – 2017

Sector	RM million				% change		
	2014	2015	2016	2017	2015	2016	2017
Agriculture	1,521	1,551	1,507	1,540	2.0	-2.8	2.2
Mining & Quarrying	52	54	59	63	4.4	8.7	6.2
Manufacturing	29,197	31,197	32,895	34,759	6.9	5.4	5.7
Construction	2,135	2,064	2,278	2,045	-3.3	10.4	-10.1
Services	32,787	34,313	36,246	38,312	4.7	5.6	5.6
<b>GDP</b>	<b>66,203</b>	<b>69,825</b>	<b>73,718</b>	<b>77,641</b>	<b>5.5</b>	<b>5.6</b>	<b>5.3</b>

Note: Slight discrepancies may occur due to rounding.

Source: Department of Statistics, Malaysia

Penang: Consumer Price Index (2010=100), Jan – Jun 2018

Period	All groups	Food & non-alcoholic beverages	Alcoholic beverages & tobacco	Clothing & footwear	Housing, water, electricity, gas & other fuels	Furnishings, household equipment & routine	Health	Transport	Communication	Recreation services and culture	Education	Restaurant & hotels	Miscellaneous goods and services
<b>2017</b>													
Jan	<b>119.4</b>	131.4	159.7	97.7	116.3	113.3	125.1	114.0	95.9	109.1	118.6	128.1	117.9
Feb	<b>120.8</b>	132.3	160.0	98.4	117.0	113.6	126.5	120.6	95.9	109.6	118.2	128.3	118.0
Mar	<b>120.7</b>	132.0	160.5	98.4	117.0	113.7	126.8	120.2	96.0	109.6	118.2	128.5	118.3
Apr	<b>120.5</b>	132.1	160.2	98.7	117.0	114.3	126.9	117.6	96.0	109.7	118.2	129.2	118.7
May	<b>120.6</b>	132.7	160.5	98.4	118.7	114.6	127.2	113.6	96.0	109.9	118.2	129.5	118.6
Jun	<b>120.3</b>	133.0	160.8	97.4	118.7	114.5	127.4	110.6	96.0	109.9	118.3	129.5	118.5
<b>2018</b>													
Jan	<b>122.5</b>	136.2	161.0	97.8	119.0	114.8	128.5	120.1	96.0	110.3	118.3	130.2	118.7
Feb	<b>122.5</b>	136.5	161.0	97.8	119.2	114.5	128.5	119.6	96.0	110.7	118.3	130.4	118.2
Mar	<b>122.3</b>	136.1	162.1	97.7	119.2	114.5	128.8	117.6	95.9	110.8	118.4	130.5	118.5
Apr	<b>122.3</b>	136.0	162.1	98.0	119.2	114.5	129.4	117.6	95.9	110.8	118.3	131.2	119.0
May	<b>122.3</b>	135.9	162.1	97.7	119.4	114.7	129.4	117.6	95.8	110.8	118.3	131.2	119.1
Jun	<b>120.5</b>	133.5	160.1	94.6	119.0	112.2	126.6	116.7	92.9	106.8	118.3	130.1	115.8
<b>% change (y-o-y)</b>													
Jan	<b>2.6</b>	3.7	0.8	0.1	2.3	1.3	2.7	5.4	0.1	1.1	-0.3	1.6	0.7
Feb	<b>1.4</b>	3.2	0.6	-0.6	1.9	0.8	1.6	-0.8	0.1	1.0	0.1	1.6	0.2
Mar	<b>1.3</b>	3.1	1.0	-0.7	1.9	0.7	1.6	-2.2	-0.1	1.1	0.2	1.6	0.2
Apr	<b>1.5</b>	3.0	1.2	-0.7	1.9	0.2	2.0	0.0	-0.1	1.0	0.1	1.5	0.3
May	<b>1.4</b>	2.4	1.0	-0.7	0.6	0.1	1.7	3.5	-0.2	0.8	0.1	1.3	0.4
Jun	<b>0.2</b>	0.4	-0.4	-2.9	0.3	-2.0	-0.6	5.5	-3.2	-2.8	0.0	0.5	-2.3

Source: Department of Statistics, Malaysia

## PRIMARY SECTOR

### AGRICULTURE

Penang: Agriculture Land Use by Crops (hectares), 2009 – 2017

Type	Year								
	2009	2010	2011	2012	2013	2014	2015	2016	2017
Paddy	12,782.0	12,782.0	12,782.0	12,782.0	12,782.0	12,782.0	12,782.0	12,782.0	12,782.0
Fruits	7,149.8	6,926.2	6,921.1	6,085.1	6,706.4	5,298.1	4,816.1	4,714.3	3,660.2
Rubber	10,837.6	10,837.6	10,837.6	10,837.6	10,837.6	NA	NA	NA	NA
Oil Palm	13,504.2	13,595.0	13,864.6	13,864.6	13,480.0	14,204.0	14,447.0	14,135.0	13,563.0
Vegetables	489.4	477.2	477.2	600.6	601.1	690.6	712.3	712.1	688.5
Coconut	1,976.8	1,984.8	1,991.8	1,991.8	1,980.6	493.5	343.9	329.1	278.7
Cocoa	9.4	9.4	8.2	8.2	8.2	2.0	2.0	0.0	0.0
Cash Crops	232.4	273.8	274.11	198.5	207.45	194.62	159.2	216.5	212.6
Spices	249.9	251.2	251.0	180.0	229.5	97.0	136.2	140.3	159.9
Others	41.8	41.8	32.2	35.7	38.0	11.5	9.0	8.8	11.8
<b>Total</b>	<b>47,273.2</b>	<b>47,179.0</b>	<b>47,439.8</b>	<b>46,584.0</b>	<b>46,870.9</b>	<b>33,773.3</b>	<b>33,407.8</b>	<b>33,038.1</b>	<b>31,356.6</b>

Note: Slight discrepancies may occur due to rounding.

NA: Not available

Source: Derived from the data provided by Department of Agriculture, Penang; Penang in Numbers 2014/2015 & 2015/2016, Penang State Economic Planning Division (BPEN); Malaysian Palm Oil Berhad (MPOB); and Rubber Industry Smallholders Development Authority (RISDA)

### LIVESTOCK

Penang: Livestock Production, 2008 – 2017

Type	Year									
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Meat ( '000 Metric Tonnes)										
Cow & Buffalo	0.99	0.98	0.93	0.86	1.66	1.65	4.33	3.21	2.80	2.90
Goat & Sheep	0.01	0.02	0.02	0.02	0.11	0.20	0.26	0.22	0.21	0.25
Chicken & Duck	55.16	55.16	55.16	56.72	79.07	75.69	71.17	69.30	69.81	69.09
Pig	16.82	16.11	15.35	11.18	24.34	31.46	33.44	31.58	30.65	31.47
<b>Total</b>	<b>72.98</b>	<b>72.27</b>	<b>71.46</b>	<b>68.78</b>	<b>105.18</b>	<b>109.00</b>	<b>109.20</b>	<b>104.31</b>	<b>103.47</b>	<b>103.71</b>

Source: Department of Veterinary Services, Penang

Penang: Production and Value of Livestock, 2016 & 2017

Commodity/Unit		2016			2017		
		Production	Value	Distribution	Production	Value	Distribution
		(Metric Tonnes)	(RM million)	%	(Metric Tonnes)	(RM million)	%
Meat	Cow, Buffalo	2,792.25	36.30	4.31	2,891.60	39.04	4.61
	Goat, Sheep	205.08	5.13	0.61	249.11	7.55	0.89
	Pig	30,647.22	271.23	32.19	31,471.80	278.21	32.87
	Chicken, Duck	69,812.31	427.65	50.76	69,086.75	438.96	51.86
Eggs	Chicken, Duck	309,705,369 quantity	98.02	11.63	235,635,244 quantity	78.53	9.28
Fresh Milk		689,980 litre	4.22	0.50	589,888 litre	4.14	0.49
<b>Total</b>			<b>842.55</b>	<b>100.0</b>		<b>846.43</b>	<b>100.0</b>

Source: Department of Veterinary Services, Penang

FISHERIES

Penang: Landing Types, Jan – Jun 2018

	Fish		Prawns		Trash Fish (Ikan Baja)		Cockles (Natural)	
	Metric Tonnes	RM (million)	Metric Tonnes	RM (million)	Metric Tonnes	RM (million)	Metric Tonnes	RM (million)
<b>Jan-Jun 2017</b>	<b>10,489.49</b>	<b>115.17</b>	<b>4,060.32</b>	<b>130.47</b>	<b>6,046.32</b>	<b>6.93</b>	<b>2,095.65</b>	<b>5.55</b>
Jan	1,977.28	22.30	854.16	31.37	2,042.21	2.54	0.00	0.00
Feb	1,917.46	22.10	715.06	28.47	1,767.93	2.20	0.04	0.00
Mar	1,393.18	17.15	435.44	17.16	1,618.94	2.23	0.00	0.00
Apr	1,217.72	13.14	292.07	11.74	1,432.44	2.10	0.00	0.00
May	1,620.78	17.23	388.35	13.63	1,390.10	2.07	0.00	0.00
Jun	1,539.38	17.66	391.83	13.63	1,768.48	2.33	0.00	0.00
<b>Jan-Jun 2018</b>	<b>9,665.80</b>	<b>109.59</b>	<b>3,076.91</b>	<b>116.00</b>	<b>10,020.10</b>	<b>13.47</b>	<b>0.04</b>	<b>0.00</b>
<b>% change (y-o-y)</b>	<b>-7.9</b>	<b>-4.8</b>	<b>-24.2</b>	<b>-11.1</b>	<b>65.7</b>	<b>94.4</b>	<b>-</b>	<b>-</b>

Note: The % change of cockles are not calculated because natural cockles are not available for Jan-Jun 2017.

Source: Department of Fisheries, Penang

## SECONDARY SECTOR

### MANUFACTURING

Penang: Approved Manufacturing Projects by Industry, Jan – Mar 2018

Industry	Jan – Mar 2018				
	No.	Employment	Domestic Investment (RM million)	Foreign Investment (RM million)	Total Capital Investment (RM million)
Machinery & Equipment	9	616	365.75	210.46	576.21
Plastic Products	4	206	4.10	289.91	294.01
Electronics & Electrical Products	2	16	0.00	80.10	80.10
Fabricated Metal Products	4	122	58.73	0.00	58.73
Transport Equipment	1	26	7.10	0.00	7.10
Scientific & Measuring Equipment	1	10	3.19	0.00	3.19
Paper, Printing & Publishing	1	0	0.00	0.00	0.00
<b>Total</b>	<b>22</b>	<b>996</b>	<b>438.86</b>	<b>580.47</b>	<b>1,019.33</b>

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

**Source:** Malaysian Investment Development Authority (MIDA)

Approved Manufacturing Projects by State, Jan – Mar 2018

State	No.	Domestic Investment (RM million)	Foreign Investment (RM million)	Total Capital Investment (RM million)
Johor	31	468.70	399.38	868.09
Kedah	8	79.98	425.67	505.66
Kelantan	2	40.30	0.00	40.30
Melaka	7	100.14	0.00	100.14
Negeri Sembilan	10	668.63	510.44	1,179.07
Pahang	3	0.96	3,453.40	3,454.36
Perak	9	235.72	14.09	249.80
Perlis	0	0.00	0.00	0.00
Pulau Pinang	22	438.86	580.47	1,019.33
Sabah	2	26.56	16.49	43.05
Sarawak	3	45.65	0.00	45.65
Selangor	35	426.89	385.76	812.65
Terengganu	3	0.00	4,163.61	4,163.61
Kuala Lumpur	2	3.36	25.63	28.99
Labuan	0	0.00	0.00	0.00
<b>Total</b>	<b>137</b>	<b>2,535.76</b>	<b>9,974.93</b>	<b>12,510.69</b>

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

**Source:** Malaysian Investment Development Authority (MIDA)

## TERTIARY SECTOR

### UTILITIES

#### WATER

Penang: Water Production and Consumption (Million Litres), 2010 – 2017

Year	Production	% Increase	Consumption	% Increase
2010	349,324	4.8%	285,584	5.9%
2011	347,123	-0.6%	283,159	-0.8%
2012	352,762	1.6%	290,625	2.6%
2013	360,709	2.3%	295,109	1.5%
2014	363,198	0.7%	296,898	0.6%
2015	370,286	2.0%	296,662	-0.1%
2016	385,641	4.1%	302,627	2.0%
2017	386,052	0.1%	301,617	-0.3%

Source: Penang Water Supply Corporation (PBA)

Penang: Daily Water Supply and Consumption, 2016 and 2017

	2016			2017		
	Penang Island	Seberang Perai	Penang State	Penang Island	Seberang Perai	Penang State
No. of Treatment Plants	6	3	9	6	3	9
Max. Capacity of Treatment Plants (million litres/day)	310.1	1,307.0	1,617.1	310.1	1,307.0	1,617.1
Average Daily Production (million litres/day)	456	598	1,054	464	594	1,057.7
Average Daily Consumption (million litres/day)	371.0	456.0	827.0	369.0	457.0	826.3
No. of Services (consumers)	290,364	299,433	589,797	297,718	306,829	604,547
<b>Daily Consumption ('000 litre)</b>						
Per Consumer	1.28	1.52	1.40	1.24	1.49	1.37
Per Industrial Consumer	3.87	3.98	3.93	3.93	4.01	3.97
Per Domestic Consumer	0.88	1.07	0.98	0.83	1.03	0.93

Source: Penang Water Supply Corporation (PBA)

## ELECTRICITY

Penang: Power Demand & Supply, 2006 – 2017

Year	Maximum Demand (MW)	Installed Capacity (MW)	Excess Capacity %
2006	1,202	3,254	63.1%
2007	1,284	3,294	61.0%
2008	1,361	3,294	58.7%
2009	1,074	3,213	66.6%
2010	1,283	3,213	60.1%
2011	1,230	3,213	61.7%
2012	1,280	3,303	61.2%
2013	1,360	3,334	59.2%
2014	1,508	3,456	56.4%
2015	1,524	3,456	55.9%
2016	1,622	3,456	53.1%
2017	1,718	4,980	65.5%

**Note:** Excluding demand of 132kV customers supplied via direct 132kV connection.

**Source:** Tenaga Nasional Berhad, Penang

## TELECOMMUNICATIONS

Direct Exchange Line (DEL) Penetration Rate per 100 Household by State, Q1 2017 – Q2 2018

State	2017				2018	
	Q1	Q2	Q3	Q4	Q1	Q2
Johor	32.0	31.4	30.5	29.4	27.4	26.5
Kedah & Perlis	23.1	22.6	22.6	21.0	19.5	18.6
Kelantan	15.1	14.9	14.9	14.3	13.7	13.4
Melaka	36.7	35.9	35.9	33.4	31.3	30.1
Negeri Sembilan	35.5	34.7	34.7	32.5	30.8	29.8
Pahang	24.2	23.7	23.7	22.4	20.9	20.3
Perak	36.4	35.6	35.6	33.2	30.7	29.5
<b>Pulau Pinang</b>	<b>36.6</b>	<b>35.6</b>	<b>35.6</b>	<b>32.8</b>	<b>30.7</b>	<b>29.5</b>
Selangor	18.8	18.3	18.3	16.1	14.9	14.3
Terengganu	26.5	25.9	25.9	24.5	23.3	22.5
Sabah	14.7	14.4	14.4	13.0	11.9	11.3
Sarawak	20.1	19.6	19.6	17.3	15.8	14.9
W.P Kuala Lumpur	11.0	10.8	10.8	8.7	7.8	7.5
W.P. Labuan	30.4	29.5	29.5	25.9	23.1	21.9

**Notes:** Direct Exchange Line (DEL) connects a customer's equipment to the Public Switched Telephone Network (PSTN) and has a dedicated port on a telephone exchange. The penetration rate refers to the total DELs to residential as well business.

**Source:** Malaysian Communications and Multimedia Commission (MCMC)

### Mobile Cellular Penetration Rate per 100 Inhabitants by State, 2014 – 2017

State	2014	2015	2016	2017
Johor	156.7	129.6	144.8	137.2
Kedah	121.9	142.0	122.9	101.6
Kelantan	117.5	159.6	127.9	121.5
Melaka	159.2	140.0	135.7	151.3
Negeri Sembilan	153.3	141.6	155.0	150.1
Pahang	148.3	160.9	130.9	109.0
Perak	149.2	120.9	121.6	133.4
Perlis	103.7	143.0	131.7	171.7
<b>Pulau Pinang</b>	<b>143.8</b>	<b>146.8</b>	<b>138.6</b>	<b>127.9</b>
Sabah	107.4	130.2	112.7	112.4
Sarawak	113.0	123.5	120.7	124.2
Selangor	156.1	157.2	167.2	138.2
Terengganu	156.5	165.5	141.8	133.1
W.P. Kuala Lumpur	220.8	205.0	207.9	185.7
W.P. Labuan	171.2	133.8	110.4	99.8
W.P. Putrajaya	191.3	210.0	158.2	112.4

**Note:** Mobile-cellular penetration rate per 100 inhabitants are from the Hand Phone Users Survey conducted by the MCMC annually.

**Source:** Malaysian Communications and Multimedia Commission (MCMC)

### Broadband Penetration Rate per 100 Inhabitants by State, Q1 2017 – Q2 2018

State	2017				2018	
	Q1	Q2	Q3	Q4	Q1	Q2
Johor	138.0	146.0	140.8	148.1	143.7	143.1
Kedah	72.4	80.0	81.6	84.2	88.0	89.5
Kelantan	65.8	73.1	73.2	75.7	78.4	80.4
<b>Pulau Pinang</b>	<b>114.2</b>	<b>122.7</b>	<b>128.2</b>	<b>130.2</b>	<b>138.1</b>	<b>134.0</b>
Negeri Sembilan	111.9	123.8	125.5	128.7	134.4	136.2
Pahang	75.1	83.3	84.2	86.4	89.3	90.5
Melaka	89.9	99.9	105.0	103.2	112.2	113.4
Perak	88.6	97.3	98.9	102.1	107.6	111.5
Perlis	71.3	77.6	89.1	83.5	88.4	96.1
Selangor	124.3	130.5	131.8	133.8	131.8	129.9
Terengganu	72.3	77.1	80.9	81.9	85.0	87.4
Sabah	56.0	60.9	64.3	64.5	67.9	75.6
Sarawak	93.7	102.7	102.3	106.5	91.3	92.2
W.P. Putrajaya	69.7	73.3	82.7	78.5	87.4	92.4
W.P. Kuala Lumpur	200.2	211.1	221.6	225.2	220.7	226.3
W.P. Labuan	61.1	67.3	70.3	70.3	73.2	73.6

**Source:** Malaysian Communications and Multimedia Commission (MCMC)

# TRANSPORT

## ROAD TRANSPORT

New Motor Vehicle Registration, Jan - Dec 2017

Month	Region	Motorcycle	Private Car	Bus	Taxi	Car Rental	Goods Vehicle	Others	Total
<b>2017</b>									
Jan	Penang	2,922	745	2	1	3	211	53	3,937
	Malaysia	45,483	45,953	143	29	169	2,380	1,206	95,363
Feb	Penang	2,700	538	0	2	3	194	50	3,487
	Malaysia	42,869	42,123	45	26	174	2,138	1,047	88,422
Mar	Penang	3,029	780	5	4	5	244	34	4,101
	Malaysia	48,676	54,446	89	73	292	2,971	1,582	108,129
Apr	Penang	2,435	588	6	2	1	182	38	3,252
	Malaysia	40,421	42,007	91	59	374	2,515	1,257	86,724
May	Penang	2,636	648	3	5	10	241	63	3,606
	Malaysia	42,925	50,761	139	59	290	2,892	1,413	98,479
Jun	Penang	2,116	626	1	1	10	170	41	2,965
	Malaysia	35,506	51,113	143	45	248	2,845	1,184	91,084
Jul	Penang	2,041	533	3	2	4	167	39	2,789
	Malaysia	38,719	47,569	124	44	306	2,964	1,520	91,246
Aug	Penang	2,584	679	2	3	6	222	62	3,558
	Malaysia	44,157	52,200	76	62	271	3,436	1,424	101,626
Sep	Penang	2,077	530	1	1	5	171	34	2,819
	Malaysia	38,100	39,967	63	58	139	2,657	1,144	82,128
Oct	Penang	2,526	568	3	3	1	255	51	3,407
	Malaysia	43,099	46,450	103	71	279	3,416	1,308	94,726
Nov	Penang	2,044	500	2	0	1	235	48	2,830
	Malaysia	39,474	48,657	79	35	319	3,865	1,297	93,726
Dec	Penang	2,026	531	2	4	1	235	32	2,831
	Malaysia	36,347	53,062	72	49	329	3,235	1,198	94,292

Source: Road Transport Department, Malaysia

## TRADE

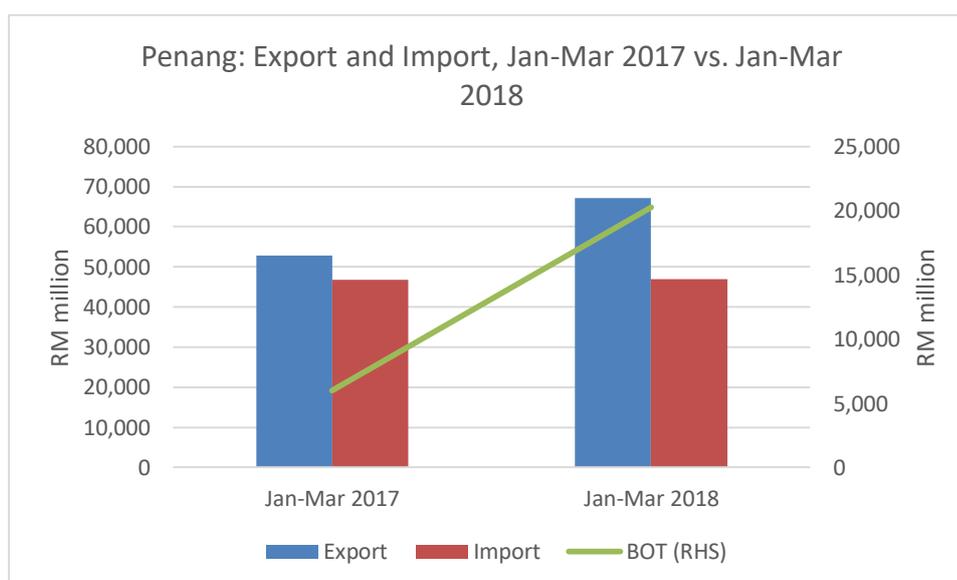
### TRADE BALANCE

Export, Import and Balance of Trade, Oct 2017 – Mar 2018 (RM million)

	MALAYSIA			PENANG		
	Export	Import	BOT	Export	Import	BOT
<b>2017</b>						
Oct	82,293	71,852	10,442	21,647	17,286	4,361
Nov	83,516	73,553	9,963	21,792	16,904	4,888
Dec	79,333	72,079	7,254	20,926	16,348	4,578
<b>2018</b>						
Jan	82,820	73,153	9,667	25,047	16,941	8,106
Feb	70,343	61,325	9,018	18,577	13,980	4,596
Mar	84,467	69,779	14,688	23,498	15,946	7,552
<b>Jan-Mar 2017</b>	<b>224,688</b>	<b>205,815</b>	<b>18,873</b>	<b>52,855</b>	<b>46,849</b>	<b>6,006</b>
<b>Jan-Mar 2018</b>	<b>237,630</b>	<b>204,256</b>	<b>33,373</b>	<b>67,122</b>	<b>46,867</b>	<b>20,254</b>
<b>% change (y-o-y)</b>	<b>5.8</b>	<b>-0.8</b>	<b>76.8</b>	<b>27.0</b>	<b>0.0</b>	<b>237.2</b>

Note: For Penang data, it is captured at the exit and entry points of Penang port and airport. Slight discrepancies may occur due to rounding.

Source: Department of Statistics, Malaysia



Source: Department of Statistics, Malaysia

## LOGISTICS

### PENANG AIRPORT

Passenger Movements (Domestic & International), Jan – Jun 2018

Month	No. of Passengers		
	Domestic	International	Total
<b>Jan-Jun 2017</b>	<b>2,026,690</b>	<b>1,476,288</b>	<b>3,502,978</b>
Jan	342,078	270,434	612,512
Feb	323,394	251,420	574,814
Mar	360,671	300,269	660,940
Apr	341,493	282,513	624,006
May	330,049	273,408	603,457
Jun	342,696	311,560	654,256
<b>Jan-Jun 2018</b>	<b>2,040,381</b>	<b>1,689,604</b>	<b>3,729,985</b>
<b>% change (y-o-y)</b>	<b>0.7</b>	<b>14.4</b>	<b>6.5</b>

Note: Passenger movements refer to both arrival and departure.

Source: Malaysia Airports Holdings Berhad

Aircraft Movements (Arrival & Departure), Jan – Jun 2018

Month	No. of Movement		
	Arrival	Departure	Total
<b>Jan-Jun 2017</b>	<b>16,626</b>	<b>16,622</b>	<b>33,248</b>
Jan	3,032	3,035	6,067
Feb	2,803	2,802	5,605
Mar	3,028	3,028	6,056
Apr	2,944	2,946	5,890
May	2,926	2,926	5,852
Jun	2,927	2,945	5,872
<b>Jan-Jun 2018</b>	<b>17,660</b>	<b>17,682</b>	<b>35,342</b>
<b>% change (y-o-y)</b>	<b>6.2</b>	<b>6.4</b>	<b>6.3</b>

Note: Aircraft movements refer to both domestic and international.

Source: Malaysia Airports Holdings Berhad

## Cargo Handled (Domestic & International), Jan – Jun 2018

Month	Cargo Handled (in kg)		
	Domestic	International	Total
<b>Jan-Jun 2017</b>	<b>5,215,210</b>	<b>59,008,439</b>	<b>64,223,649</b>
Jan	1,022,932	10,921,327	11,944,259
Feb	850,338	8,989,391	9,839,729
Mar	1,004,160	11,264,209	12,268,369
Apr	909,557	10,601,189	11,510,746
May	855,495	10,755,590	11,611,085
Jun	921,056	10,808,637	11,729,693
<b>Jan-Jun 2018</b>	<b>5,563,538</b>	<b>63,340,343</b>	<b>68,903,881</b>
<b>% change (y-o-y)</b>	<b>6.7</b>	<b>7.3</b>	<b>7.3</b>

Note: Cargo handled refers to both arrival and departure.

Source: Malaysia Airports Holdings Berhad

## PENANG PORT

### Number of Ship Calls, Jan – Jun 2018

Month	Domestic	Foreign	Total
<b>Jan-Jun 2017</b>	<b>1,374</b>	<b>1,972</b>	<b>3,346</b>
Jan	211	347	558
Feb	210	304	514
Mar	235	296	531
Apr	209	297	506
May	255	381	636
Jun	204	313	517
<b>Jan-Jun 2018</b>	<b>1,324</b>	<b>1,938</b>	<b>3,262</b>
<b>% change (y-o-y)</b>	<b>-3.6</b>	<b>-1.7</b>	<b>-2.5</b>

Source: Penang Port Sdn Bhd

## Gross Registered Tonnage (Domestic & Foreign), Jan – Jun 2018

Month	Domestic	Foreign	Total
<b>Jan-Jun 2017</b>	<b>14,257,954</b>	<b>28,317,558</b>	<b>42,575,512</b>
Jan	2,220,101	5,432,313	7,652,414
Feb	2,371,116	4,199,093	6,570,209
Mar	2,739,517	3,765,473	6,504,990
Apr	2,452,091	3,810,945	6,263,036
May	2,700,187	4,235,489	6,935,676
Jun	2,492,301	3,795,183	6,287,484
<b>Jan-Jun 2018</b>	<b>14,975,313</b>	<b>25,238,496</b>	<b>40,213,809</b>
<b>% change (y-o-y)</b>	<b>5.0</b>	<b>-10.9</b>	<b>-5.5</b>

Source: Penang Port Sdn Bhd

## Type of Cargo Handled, Jan – Jun 2018

Month	(freight weight tonnes)				Container
	General Cargo	Dry Bulk	Liquid Bulk	Containerised	(TEUs)
<b>Jan-Jun 2017</b>	<b>643,308</b>	<b>2,270,385</b>	<b>2,130,464</b>	<b>10,864,025</b>	<b>728,773</b>
Jan	87,445	410,157	391,746	1,949,049	119,766
Feb	166,383	324,054	310,919	1,749,952	114,165
Mar	112,519	390,529	337,878	2,040,818	137,339
Apr	150,273	431,658	390,963	1,975,386	132,643
May	192,375	490,186	329,950	2,050,388	122,897
Jun	128,308	383,127	367,314	1,900,647	118,115
<b>Jan-Jun 2018</b>	<b>837,303</b>	<b>2,429,711</b>	<b>2,128,770</b>	<b>11,666,240</b>	<b>744,925</b>
<b>% change (y-o-y)</b>	<b>30.2</b>	<b>7.0</b>	<b>-0.1</b>	<b>7.4</b>	<b>2.2</b>

Source: Penang Port Sdn Bhd

## TOURISM

### Penang: Average Occupancy Rate, Jan – Jun 2018

	2017						2018					
	Jan	Feb	Mar	Apr	May	Jun	Jan	Feb	Mar	Apr	May	Jun
Average Occupancy Rate (%)	54.59	57.36	59.39	60.23	61.00	60.95	59.38	58.24	63.71	63.77	62.55	63.49
Average Occupancy Rate for Beach Hotels (%)	66.30	68.09	67.56	67.43	65.66	64.83	66.04	66.95	69.06	67.14	63.19	62.84
Average Occupancy for City Hotels (%)	51.53	54.57	57.27	58.36	59.77	59.93	57.67	56.00	62.34	62.91	62.39	63.65

Source: Malaysian Association of Hotels (Penang Chapter)

## PROPERTY

Penang: House Price Index, Q1 2013 – Q1 2018

Year	Indices				
	Terraced	High-Rise	Detached	Semi-Detached	All Houses
Weight (2010=100)	34.2	52.2	3.6	9.9	100.0
<b>2013 Q1</b>	129.6	139.1	117.3	131.1	132.2
<b>2013 Q2</b>	134.7	151.4	135.2	140.4	141.3
<b>2013 Q3</b>	138.7	159.7	146.3	144.9	147.3
<b>2013 Q4</b>	140.3	165.8	146.6	153.9	151.3
<b>2014 Q1</b>	143.7	169.0	147.4	149.9	153.5
<b>2014 Q2</b>	149.6	174.3	153.3	148.2	158.1
<b>2014 Q3</b>	154.0	178.9	159.5	157.3	163.1
<b>2014 Q4</b>	155.4	178.5	163.1	161.0	164.4
<b>2015 Q1</b>	154.6	182.3	168.2	164.7	165.6
<b>2015 Q2</b>	157.0	186.2	165.1	164.4	168.5
<b>2015 Q3</b>	163.7	192.1	166.4	168.2	174.2
<b>2015 Q4</b>	165.2	195.6	173.2	176.4	177.3
<b>2016 Q1</b>	161.1	193.8	171.9	179.6	176.9
<b>2016 Q2</b>	162.4	198.2	175.5	179.1	179.1
<b>2016 Q3</b>	167.5	205.7	173.9	180.0	183.8
<b>2016 Q4</b>	164.6	205.8	169.7	179.9	182.9
<b>2017 Q1</b>	170.2	208.1	180.2	183.3	187.2
<b>2017 Q2</b>	174.1	205.7	185.2	191.0	189.3
<b>2017 Q3</b>	176.9	209.4	186.7	193.4	192.3
<b>2017 Q4</b>	175.0	205.8	188.8	195.0	190.5
<b>2018 Q1<sup>P</sup></b>	175.3	204.2	192.8	206.2	191.8

P: Preliminary

Source: National Property Information Centre (NAPIC)

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

Price Range (RM)	Year	Residential	Commercial	Industrial	Agricultural	Development Land	Others	Total
50,000 & below	Q1 2017	152	26	2	118	48	0	346
	Q4 2017	131	3	4	109	52	0	299
	Q1 2018	114	5	1	201	98	1	420
50,001 – 100,000	Q1 2017	422	23	4	58	54	0	561
	Q4 2017	360	18	5	86	50	0	519
	Q1 2018	323	31	3	103	52	0	512
100,001 – 150,000	Q1 2017	329	14	1	42	45	0	431
	Q4 2017	433	15	5	40	28	1	522
	Q1 2018	377	19	1	47	30	1	475
150,001 – 200,000	Q1 2017	264	23	2	24	35	0	348
	Q4 2017	310	20	2	40	17	0	389
	Q1 2018	309	19	4	40	31	0	403
200,001 – 250,000	Q1 2017	185	24	2	19	26	0	256
	Q4 2017	231	17	7	33	14	0	302
	Q1 2018	244	25	2	28	23	0	322
250,001 – 300,000	Q1 2017	251	15	3	17	12	0	298
	Q4 2017	210	14	8	19	7	0	258
	Q1 2018	222	17	2	24	6	0	271
300,001 – 400,000	Q1 2017	381	32	5	20	20	0	458
	Q4 2017	386	40	13	19	17	0	475
	Q1 2018	362	48	9	39	8	0	466
400,001 – 500,000	Q1 2017	212	33	6	9	11	0	271
	Q4 2017	311	24	19	6	8	0	368
	Q1 2018	229	41	3	13	14	0	300
500,001 – 1,000,000	Q1 2017	488	86	24	40	35	0	673
	Q4 2017	624	85	26	41	24	0	800
	Q1 2018	568	87	22	39	34	0	750
1,000,001 & Above	Q1 2017	201	57	28	23	52	0	361
	Q4 2017	267	69	46	25	80	0	487
	Q1 2018	203	47	41	25	44	0	360
<b>Total</b>	<b>Q1 2017</b>	<b>2,885</b>	<b>333</b>	<b>77</b>	<b>370</b>	<b>338</b>	<b>0</b>	<b>4,003</b>
	<b>Q4 2017</b>	<b>3,263</b>	<b>305</b>	<b>135</b>	<b>418</b>	<b>297</b>	<b>1</b>	<b>4,419</b>
	<b>Q1 2018</b>	<b>2,951</b>	<b>339</b>	<b>88</b>	<b>559</b>	<b>340</b>	<b>2</b>	<b>4,279</b>

Source: National Property Information Centre (NAPIC)

Penang: Value of Transactions (RM million) by Price Range for the Principal Property Sub-Sectors

Price Range (RM)	Year	Residential	Commercial	Industrial	Agricultural	Development Land	Others	Total
50,000 & below	Q1 2017	6.34	0.72	0.08	3.16	1.50	0.00	11.81
	Q4 2017	5.08	0.09	0.08	3.02	1.47	0.00	9.74
	Q1 2018	5.22	0.19	0.03	5.14	2.70	0.02	13.29
50,001 – 100,000	Q1 2017	30.83	1.85	0.31	4.48	4.08	0.00	41.54
	Q4 2017	28.19	1.42	0.41	6.40	3.94	0.00	40.37
	Q1 2018	25.02	2.60	0.20	7.33	4.08	0.00	39.22
100,001 – 150,000	Q1 2017	42.28	1.86	0.11	5.19	5.57	0.00	55.01
	Q4 2017	55.34	1.89	0.64	4.94	3.38	0.15	66.33
	Q1 2018	48.51	2.57	0.12	5.75	3.65	0.13	60.72
150,001 – 200,000	Q1 2017	46.94	4.12	0.39	4.10	6.26	0.00	61.80
	Q4 2017	55.01	3.74	0.36	7.00	3.03	0.00	69.13
	Q1 2018	54.78	3.31	0.79	7.07	5.26	0.00	71.22
200,001 – 250,000	Q1 2017	42.59	5.55	0.49	4.24	6.12	0.00	58.99
	Q4 2017	52.98	3.96	1.65	7.41	3.06	0.00	69.06
	Q1 2018	55.75	5.67	0.48	6.40	5.21	0.00	73.52
250,001 – 300,000	Q1 2017	68.89	4.16	0.84	4.67	3.43	0.00	81.99
	Q4 2017	59.15	3.94	2.16	5.26	1.86	0.00	72.37
	Q1 2018	62.65	4.60	0.55	6.62	1.63	0.00	76.06
300,001 – 400,000	Q1 2017	134.98	11.37	1.82	6.87	6.95	0.00	161.99
	Q4 2017	135.99	14.61	4.48	6.70	5.82	0.00	167.60
	Q1 2018	126.90	16.65	3.42	13.89	2.84	0.00	163.70
400,001 – 500,000	Q1 2017	95.67	15.00	2.83	4.06	5.06	0.00	122.63
	Q4 2017	142.53	11.11	8.89	2.67	3.64	0.00	168.84
	Q1 2018	103.93	18.88	1.35	5.93	6.34	0.00	136.43
500,001 – 1,000,000	Q1 2017	334.52	62.80	17.77	29.11	25.90	0.00	470.09
	Q4 2017	425.64	61.73	18.22	27.82	17.15	0.00	550.57
	Q1 2018	389.73	63.72	14.83	27.90	24.09	0.00	520.27
1,000,001 & Above	Q1 2017	388.76	143.49	65.77	51.90	298.25	0.00	948.17
	Q4 2017	506.16	197.85	161.32	110.67	330.41	0.00	1,306.40
	Q1 2018	370.21	138.32	198.14	66.50	227.79	0.00	1,000.96
<b>Total</b>	<b>Q1 2017</b>	<b>1,191.79</b>	<b>250.92</b>	<b>90.42</b>	<b>117.78</b>	<b>363.11</b>	<b>0.00</b>	<b>2,014.02</b>
	<b>Q4 2017</b>	<b>1,466.09</b>	<b>300.34</b>	<b>198.21</b>	<b>181.90</b>	<b>373.75</b>	<b>0.15</b>	<b>2,520.43</b>
	<b>Q1 2018</b>	<b>1,242.71</b>	<b>256.51</b>	<b>219.90</b>	<b>152.52</b>	<b>283.61</b>	<b>0.15</b>	<b>2,155.40</b>

Source: National Property Information Centre (NAPIC)

## EDUCATION

Penang: Number of Schools, Students & Teachers at the Pre-School Level, 2017

Type of School	No. of Schools	No. of Students	No. of Teachers
Public#	160*	7,615	324
Private	436	19,989	2,281
<b>Total</b>	<b>596</b>	<b>27,604</b>	<b>2,605</b>

# as of Jun 2017, \* Pre-schools that are located in either primary or secondary schools.

Source: Buku Perangkaan Pendidikan Malaysia, Ministry of Education, Malaysia

Penang: Number of Schools, Students & Teachers at the Primary Level, as of Jun 2017

Type of School	No. of Schools	No. of Students	No. of Teachers
SK/SRK	149	78,532*	6,824
SJK (C)	90	46,187	3,153
SJK (T)	28	5,264	528
SK (Khas)	3	114	65
SR Agama	1	358	34
<b>Total</b>	<b>271</b>	<b>130,455</b>	<b>10,604</b>

\* Includes Year 4-6 in Special Model Schools

Source: Buku Perangkaan Pendidikan Malaysia, Ministry of Education, Malaysia

Penang: Number of Schools, Students & Teachers at the Secondary Level, as of Jun 2017

Type of School	No. of Schools	No. of Students*	No. of Teachers
SM Berasrama Penuh	2	1,232	138
SM Khas	1	133	51
SM Teknik & Kolej Vokasional	6	4,381 <sup>b</sup>	491 <sup>b</sup>
SMK <sup>a</sup>	103	99,440	8,248
SMK Agama	15	5,919	619
<b>Total</b>	<b>127</b>	<b>111,105</b>	<b>9,547</b>

Note: \* Refers to the total of secondary and post-secondary (Form 6), <sup>a</sup> Includes Special Model Schools, <sup>b</sup> Includes Form 6 College

Source: Buku Perangkaan Pendidikan Malaysia, Ministry of Education, Malaysia

Penang: Number of Students Taking Public Exams and Passing Rates, 2013 & 2014

	No. of Students		No. of Passes		Passing Rate (%)	
	2013	2014	2013	2014	2013	2014
UPSR	23,335	23,284	15,996	16,132	68.55	69.28
SPM	21,820	21,816	18,061	17,912	82.77	82.10
STPM	3,049	2,444	2,966	2,372	97.28	97.05
STAM	1,831	235	1,392	123	76.02	52.34

Note: Permission to access updated data has been denied by Penang State Education Department

Source: Penang State Education Department

## HEALTH

Penang: Life Expectancy at Birth, 2010 – 2017

	2010	2011	2012	2013	2014	2015	2016 <sup>p</sup>	2017 <sup>e</sup>
Male	71.9	71.9	71.2	72.3	72.3	72.4	72.4	72.5
Female	77.0	77.0	77.5	77.5	77.5	77.6	77.6	77.7

<sup>p</sup> Preliminary; <sup>e</sup> Estimate

Source: Penang State Health Department (for data from 2009 to 2013); and Pulau Pinang @ a Glance, Department of Statistics, Malaysia (for data from 2014 onwards)

Penang: Health Manpower, 2016 – 2017

Post	2016		2017	
	No. of Post	Post Filled	No. of Post	Post Filled
<b>Total Number of State Health Department Manpower</b>	<b>13,445</b>	<b>12,520</b>	<b>13,633</b>	<b>12,424</b>
<b>Management &amp; Professional</b>				
Medical Officer	1,262	1,342	1,948	1,812
Dental Officer	213	206	217	196
Pharmacist	568	513	571	533
Others	-	-	493	452
<b>Paramedic &amp; Auxiliary</b>				
Assistant Environmental Health Officer	312	208	249	20
Assistant Medical Officer	676	657	711	691
Nurse	3,605	3,489	3,603	3,521
Community Nurse	1,072	1,001	1,046	961
Radiographer	-	-	175	159
Occupational Therapist	-	-	82	73
Physiotherapist	-	-	88	85
Medical Laboratory Technologist	310	278	310	281
Assistant Pharmacist	190	175	190	178
Dental Nurse	182	170	182	181
Dental Technologist	43	40	43	38
Medical Technologist	-	-	2	0

Source: Penang State Health Department

Penang: Number of Beds, Bed Occupancy Rate (BOR) & Average Length of Stay (ALOS) for Government Hospitals, 2016 – 2017

Hospital	No. of Bed		B.O.R (%)		A.L.O.S (day)	
	2016	2017	2016	2017	2016	2017
Hospital Pulau Pinang	1,136*	1,136	72.40	68.70	5.25	4.96
Hospital Seberang Jaya	393	393	82.42	84.94	3.52	3.67
Hospital Bukit Mertajam	242	242	70.91	69.64	3.18	3.19
Hospital Kepala Batas	108	108	90.23	88.06	2.82	2.67
Hospital Sungai Bakap	105	105	51.29	49.95	3.46	3.70
Hospital Balik Pulau	81	81	52.66	50.45	3.10	3.06
<b>Total</b>	<b>2,065</b>	<b>2,065</b>	<b>73.22</b>	<b>71.24</b>	<b>4.13</b>	<b>4.04</b>

**B.O.R. – Bed Occupancy Rate**

**A.L.O.S. – Average Length of Stay**

**\* Operation Bed**

**Source: Penang State Health Department**

Penang: 10 Principal Causes of Deaths\* in Government Hospitals, 2017

No.	Main Causes of Deaths	2017	
		No. of Deaths	%
1	Diseases of the respiratory system	863	21.18
2	Diseases of the circulatory system	776	19.05
3	Certain infectious and parasitic diseases	546	13.40
4	Neoplasms	414	10.16
5	Endocrine, nutritional and metabolic diseases	279	6.85
6	Diseases of the genitourinary system	259	6.36
7	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	224	5.50
8	External causes of morbidity and mortality	183	4.49
9	Diseases of the digestive system	166	4.07
10	Diseases of the nervous system	85	2.09
	<b>Total Deaths (10 Main Causes)</b>	<b>3,795</b>	<b>93.15</b>
	Other causes	279	6.85
	<b>Total Hospital Deaths</b>	<b>4,074</b>	<b>100.00</b>

**Note: The percentage of total death discharge calculation is based on UCOD/COD/for main cause of death diagnosis with ICD-10 code.**

**Source: Penang State Health Department (updated in August 2018)**

## SELECTED NATIONAL STATISTICS

Malaysia: Gross Domestic Product by Sector, Q2 2017 – Q2 2018

Component	RM million				
	2017 (Q2)	2017 (Q3)	2017 (Q4)	2018 (Q1)	2018 (Q2)
<b>National Accounts (GDP) at current price</b>	<b>329,787</b>	<b>343,008</b>	<b>356,009</b>	<b>343,151</b>	<b>348,847</b>
Agriculture, Forestry and Fishing	28,078	32,013	30,404	26,877	26,239
Mining and Quarrying	30,023	28,472	31,962	34,657	34,018
Manufacturing	75,257	76,498	78,477	74,379	78,103
Electricity, Gas and Water	8,677	9,039	9,145	8,801	9,262
Construction	15,771	16,808	16,370	17,365	16,688
Wholesale and Retail Trade, Hotel and Restaurants	61,711	66,470	71,371	64,994	67,231
Transport, Storage and Communication	29,959	30,523	30,752	31,479	32,571
Finance, Insurance, real estate and business services	35,021	35,977	37,572	37,493	37,314
Other Services	14,241	14,542	14,543	14,839	15,244
Government Services	26,369	27,918	30,221	27,040	27,567
Less : Imputed bank service charges	-	-	-	-	-
Plus : import duties	4,679	4,748	5,192	5,227	4,610
<b>National Accounts (GDP) at 2010 price</b>	<b>287,300</b>	<b>298,702</b>	<b>308,078</b>	<b>295,288</b>	<b>300,089</b>
Agriculture, Forestry and Fishing	22,511	26,064	25,597	22,406	21,948
Mining and Quarrying	24,365	23,715	25,343	25,048	23,832
Manufacturing	67,505	68,146	70,230	67,342	70,844
Electricity, Gas and Water	7,350	7,483	7,464	7,446	7,714
Construction	12,917	13,872	13,352	14,093	13,530
Wholesale and Retail Trade, Hotel and Restaurants	50,925	54,223	57,000	52,511	54,795
Transport, storage and Communication	28,183	28,785	28,842	29,309	30,390
Finance, Insurance, real estate and business services	32,201	33,135	34,351	34,264	34,024
Other Services	12,763	13,073	13,176	13,232	13,473
Government Services	24,529	25,969	28,111	25,154	25,633
Less : Imputed bank service charges	-	-	-	-	-
Plus : import duties	4,050	4,235	4,610	4,484	3,907

**Note: Data is subject to adjustments with the revisions carried out by Bank Negara Malaysia.**

**Source: Bank Negara Malaysia**

Malaysia: Currency Exchange Rates, Jan – Jun 2018

Period (RM as at)	USD	GBP	EUR	JPY100	AUD	SGD
Jan	3.9578	5.4557	4.8189	3.5615	3.1427	2.9925
Feb	3.9123	5.4659	4.8305	3.6258	3.0777	2.9635
Mar	3.9031	5.4537	4.8168	3.6811	3.0299	2.9690
Apr	3.8862	5.4755	4.7749	3.6140	2.9895	2.9555
May	3.9644	5.3408	4.6876	3.6127	2.9874	2.9622
Jun	3.9999	5.3167	4.6736	3.6367	3.0002	2.9687

**Note: All exchange rates are the average of buying and selling interbank rates at noon.**

**Source: Bank Negara Malaysia**

Malaysia: National Indices and Employment Data, Q2 2018

	Unit Description	Latest Period	Latest Data	Previous Period
Industrial Production Index	2015=100	Jun-18	111.0	111.5
Employment	(million persons)	Q2/18	14.767	14.684
		Jun-18	14.863	14.853
	% of labour force	Q2/18	96.7	96.7
		Jun-18	96.6	96.7
Unemployment	(million persons)	Q2/18	0.511	0.509
		Jun-18	0.516	0.505
	% of labour force	Q2/18	3.3	3.3
		Jun-18	3.4	3.3
Average salaries and wages per employee in manufacturing sector	RM per month	Jun-18	3,601.8	3,561.7
Consumer Price Index	2010=100	Jun-18	119.6	121.1
Producer Price Index	2010=100	Jun-18	106.4	107.1

**Note: Slight discrepancies may occur due to rounding.**

**Source: Bank Negara Malaysia**

Malaysia: Federal Government Accounts, 2012 – 2017

Component	RM million					
	2012	2013	2014	2015	2016	2017
<b>Public Sector Operations</b>						
General Government						
Revenue	188,761	192,388	202,036	211,989	222,250	229,201
Operating Expenditure	227,242	236,983	241,305	241,075	235,763	246,163
Non-financial public enterprises' Operating Surplus	129,796	137,402	121,954	77,392	81,636	99,726
Public Sector Current Account	91,315	92,808	82,685	48,305	68,124	82,764
Net Development Expenditure	138,368	139,391	164,483	138,597	158,122	146,657
Public Sector Overall Balance	-47,053	-46,584	-81,798	-90,292	-89,998	-63,893
Domestic Financing	70,475	57,136	52,439	61,658	47,645	67,344
Bank	2,958	34,835	59,053	16,152	34,798	47,589
Non-Bank	67,517	22,301	-6,614	45,506	12,847	19,755
Foreign Borrowing	-9,971	683	3,133	15,731	11,065	1,017

<sup>P</sup> Preliminary

Source: Bank Negara Malaysia

Malaysia: Producer Price Index (2010=100), Apr – Jun 2018

Section	2017			2018			% change (y-o-y)		
	Apr	May	Jun	Apr	May	Jun	Apr	May	Jun
<b>Local Production</b>	<b>107.7</b>	<b>107.5</b>	<b>106.3</b>	<b>106.8</b>	<b>107.1</b>	<b>106.4</b>	<b>-0.8</b>	<b>-0.4</b>	<b>0.1</b>
Food	125.9	127.1	128.2	126.9	125.6	125.0	0.8	-1.2	-2.5
Beverages and tobacco	113.1	113.4	114.2	114.3	113.0	113.7	1.1	-0.4	-0.4
Crude materials, inedible	100.0	101.3	97.4	89.2	88.5	85.9	-10.8	-12.6	-11.8
Mineral fuels, lubricants, etc.	103.5	102.5	100.9	114.6	117.4	116.6	10.7	14.5	15.6
Animal and vegetable oils and fats	109.8	108.9	106.5	96.9	95.8	94.8	-11.7	-12.0	-11.0
Chemicals	115.9	116.3	114.3	114.5	113.7	112.4	-1.2	-2.2	-1.7
Manufactured goods	107.7	107.4	106.9	108.1	109.1	108.8	0.4	1.6	1.8
Machinery and transport equipment	105.6	105.7	105.5	101.3	101.2	101.4	-4.1	-4.3	-3.9
Miscellaneous manufactured articles	110.0	109.9	109.9	107.0	106.3	104.8	-2.7	-3.3	-4.6

Source: Department of Statistics, Malaysia

Malaysia: Consumer Price Index (2010=100), Jan – Jun 2018

Period	All groups	Food & non-alcoholic beverages	Alcoholic beverages & tobacco	Clothing & footwear	Housing, water, electricity, gas & other fuels	Furnishings, household equipment & routine	Health	Transport	Communication	Recreation services and culture	Education	Restaurant & hotels	Miscellaneous goods and services
<b>Weight</b>	<b>100.0</b>	<b>29.5</b>	<b>2.4</b>	<b>3.2</b>	<b>23.8</b>	<b>4.1</b>	<b>1.9</b>	<b>14.6</b>	<b>4.8</b>	<b>4.8</b>	<b>1.3</b>	<b>2.9</b>	<b>6.7</b>
<b>2017</b>													
Jan	<b>118.1</b>	126.8	165.3	98.3	115.2	112.9	119.7	113.5	97.9	111.2	116.3	126.5	113.6
Feb	<b>119.6</b>	128.0	165.3	98.5	116.0	113.3	120.0	119.7	97.8	111.6	116.5	127.3	113.9
Mar	<b>119.4</b>	127.5	165.4	98.4	116.0	113.4	120.2	119.4	97.9	111.4	116.6	127.5	114.0
Apr	<b>119.2</b>	127.6	165.4	98.6	116.0	113.9	120.4	117.1	97.8	111.4	116.7	127.7	114.2
May	<b>119.0</b>	128.3	165.6	98.4	116.6	114.2	120.6	113.4	97.8	111.4	116.7	127.9	114.2
Jun	<b>118.7</b>	128.8	165.5	98.2	116.6	114.2	120.8	110.7	97.8	111.5	116.8	128.0	114.1
<b>2018</b>													
Jan	<b>121.3</b>	131.6	165.6	98.0	117.7	115.8	122.4	120.0	97.3	111.8	117.7	129.5	114.6
Feb	<b>121.3</b>	131.8	165.5	97.8	118.3	115.7	122.5	119.3	97.3	112.0	117.8	129.6	114.3
Mar	<b>120.9</b>	131.1	165.6	97.7	118.3	115.8	122.6	117.6	97.2	112.0	117.9	130.0	114.5
Apr	<b>120.9</b>	130.9	165.7	97.8	118.3	115.9	122.9	117.6	97.1	112.1	118.0	130.5	114.6
May	<b>121.1</b>	131.1	165.7	97.7	119.0	115.9	122.9	117.7	96.9	112.0	118.1	130.6	114.7
Jun	<b>119.6</b>	129.8	164.4	95.2	118.4	113.1	121.2	116.8	94.0	108.7	117.9	129.6	111.1
<b>% change (y-o-y)</b>													
Jan	<b>2.7</b>	3.8	0.2	-0.3	2.2	2.6	2.3	5.7	-0.6	0.5	1.2	2.4	0.9
Feb	<b>1.4</b>	3.0	0.1	-0.7	2.0	2.1	2.1	-0.3	-0.5	0.4	1.1	1.8	0.4
Mar	<b>1.3</b>	2.8	0.1	-0.7	2.0	2.1	2.0	-1.5	-0.7	0.5	1.1	2.0	0.4
Apr	<b>1.4</b>	2.6	0.2	-0.8	2.0	1.8	2.1	0.4	-0.7	0.6	1.1	2.2	0.4
May	<b>1.8</b>	2.2	0.1	-0.7	2.1	1.5	1.9	3.8	-0.9	0.5	1.2	2.1	0.4
Jun	<b>0.8</b>	0.8	-0.7	-3.1	1.5	-1.0	0.3	5.5	-3.9	-2.5	0.9	1.3	-2.6

Source: Department of Statistics, Malaysia

Malaysia: Industrial Production Index (2015=100), Jan – Jun 2018

Period	All Divisions	Mining	Manufacturing	Electricity
<b>Weight</b>	<b>100.0</b>	25.14	68.25	6.61
<b>2017</b>				
Jan	<b>107.9</b>	107.4	108.3	106.7
Feb	<b>99.0</b>	97.0	99.7	99.5
Mar	<b>108.7</b>	105.6	109.5	111.9
Apr	<b>103.4</b>	95.2	105.9	109.1
May	<b>108.3</b>	100.4	110.6	115.3
Jun	<b>109.8</b>	104.4	111.8	110.0
<b>2018</b>				
Jan	<b>113.8</b>	109.1	115.7	111.3
Feb	<b>102.0</b>	95.4	104.4	102.3
Mar	<b>112.1</b>	105.6	114.0	116.8
Apr	<b>108.1</b>	97.0	111.6	115.4
May	<b>111.5</b>	100.0	115.1	118.3
Jun	<b>111.0</b>	94.6	116.9	113.3
<b>% change (y-o-y)</b>				
Jan	<b>5.5</b>	1.6	6.8	4.3
Feb	<b>3.0</b>	-1.6	4.7	2.8
Mar	<b>3.1</b>	0.0	4.1	4.4
Apr	<b>4.5</b>	1.9	5.4	5.8
May	<b>3.0</b>	-0.5	4.1	2.6
Jun	<b>1.1</b>	-9.4	4.5	3.0

Source: Department of Statistics, Malaysia

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- Malaysian Communications and Multimedia Commission (MCMC)
- Malaysian Investment Development Authority (MIDA)
- Malaysian Palm Oil Berhad (MPOB)
- Ministry of Education, Malaysia
- National Property Information Centre (NAPIC)
- Penang Port Sdn Bhd
- Penang State Economic Planning Division (BPEN)
- Penang State Education Department
- Penang State Health Department
- Penang Water Supply Corporation (PBA)
- Road Transport Department, Malaysia
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