



# BUKU DATA ASAS SOSIO-EKONOMI NEGERI PULAU PINANG

## PENANG IN NUMBERS

# 2016-2017

# PERUTUSAN

Y.A.B. KETUA MENTERI PULAU PINANG

Salam Sejahtera,

Buku Data Asas Sosio-Ekonomi Negeri Pulau Pinang 2016/2017 ini merupakan keluaran siri kelima yang diterbitkan oleh Kerajaan Negeri melalui usahasama Bahagian Perancang Ekonomi Negeri (BPEN) dan Penang Institute (PI). Penerbitan Buku Data Asas Sosio-Ekonomi Negeri Pulau Pinang 2016/2017 ini mengandungi pelbagai maklumat penting seperti data sosio-ekonomi, penduduk, pertanian, pelancongan dan perindustrian yang amat berguna dalam menyediakan perancangan strategi, operasi dan pelbagai analisis projek berkaitan dengan Negeri Pulau Pinang.

Kerajaan Negeri amat komited dalam memastikan pertumbuhan ekonomi Negeri Pulau Pinang terus berkembang maju meskipun dalam persekitaran ekonomi global yang mencabar. Amalan pentadbiran Kerajaan Negeri yang berlandaskan Prinsip Cekap, Akauntabiliti dan Telus (CAT) telah mencatatkan lebihan belanjawan tahunan dalam aset rizab serta turut berjaya mengurangkan bebanan hutang negeri sebanyak 90%. Pulau Pinang terus berkembang sebagai satu daripada negeri terkemuka di negara ini dari segi pelancongan di mana sektor perkhidmatan telah menyumbang 50 peratus daripada ekonomi negeri secara keseluruhan.

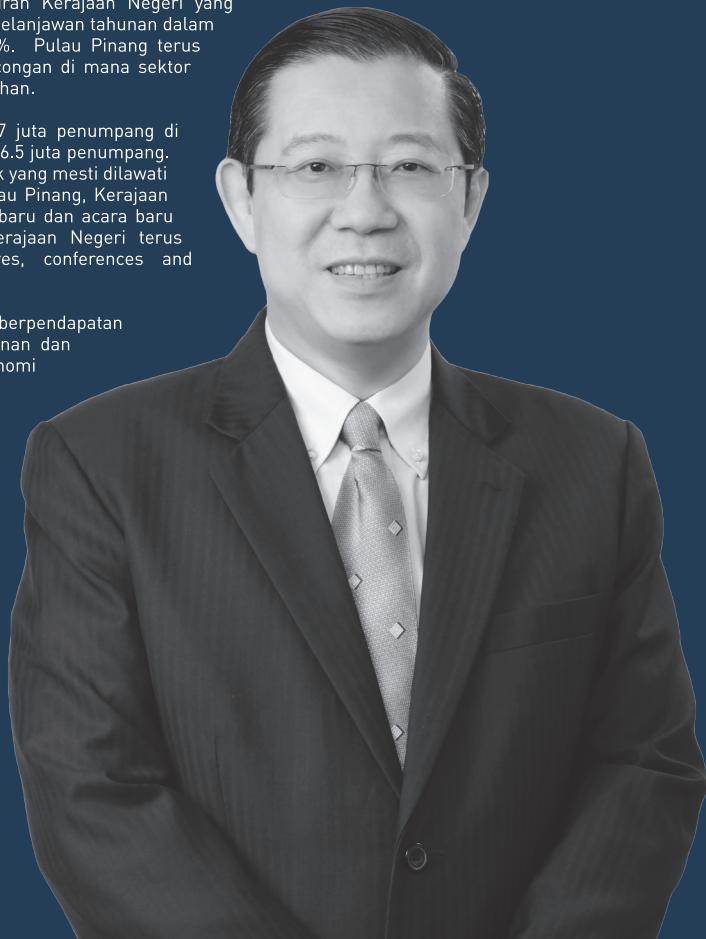
Pulau Pinang sebagai destinasi utama pelancong mencatatkan jumlah ketibaan 6.7 juta penumpang di Lapangan Terbang Antarabangsa Pulau Pinang pada tahun 2016, melebihi kapasitinya 6.5 juta penumpang. CNN juga meletakkan Pulau Pinang di tempat kedua daripada 17 tempat paling menarik yang mesti dilawati di dunia pada tahun 2017. Dalam mengembangkan lagi industri pelancongan di Pulau Pinang, Kerajaan Negeri akan terus mempromosikan Pulau Pinang dengan memperkenalkan produk baru dan acara baru untuk memberi pengalaman yang unik kepada pelancong. Di samping itu, Kerajaan Negeri terus memfokuskan kepada pelancongan perubatan dan MICE (meetings, incentives, conferences and exhibitions/events).

Dalam usaha untuk menjadikan Pulau Pinang sebagai sebuah negeri yang ekonomi berpendapatan tinggi, Kerajaan Negeri perlu menjayakan transformasi ke arah negeri keusahawanan dan kebajikan. Semua rakyat diberikan peluang yang sama untuk mengecapai kemajuan ekonomi serta hasil kemakmuran tanpa mengambil kira agama dan kaum. Dalam usaha kita untuk menjadikan Pulau Pinang sebagai sebuah negeri yang bertaraf antarabangsa dan pintar, faktor kejayaan yang kritikal adalah membangunkan modal insan serta mewujudkan sebuah bandar yang bersih, hijau, selamat dan sihat untuk didiami.

Semoga seluruh agensi, jabatan, badan berkanun, pihak swasta dan individu meningkatkan usaha dan peranan masing-masing ke arah pemantapan serta merealisasikan perancangan dasar Kerajaan Negeri. Sekalung tahniah dan setinggi-tinggi penghargaan saya ucapkan atas usaha yang dilaksanakan untuk memastikan Buku Data Asas Sosio-Ekonomi Negeri Pulau Pinang 2016/2017 berjaya diterbitkan.

Sekian, terima kasih.

Y.A.B. LIM GUAN ENG  
KETUA MENTERI PULAU PINANG



# MESSAGE

## FROM THE RIGHT HONORABLE CHIEF MINISTER OF PENANG

Salam Sejahtera,

Penang In Numbers 2016/2017 is the fifth series published by the State Government with the collaboration of the State Economic Planning Division (BPEN) and the Penang Institute (PI). Penang In Numbers 2016/2017 contains a variety of important information such as socio-economic data, population, agriculture, tourism and industry which is vital in providing strategic planning, operations and various project analysis related to the State of Penang.

The State Government is committed to ensuring that Penang's economic growth continues to grow despite the challenging global economic environment. The State's Government Competency, Accountability and Transparency (CAT) has allowed annual budget surpluses record increases in asset reserves and a 90% drop in state's debts. Penang continues to grow as one of the leading states in the country in terms of tourism where the services sector contributes 50% of the state's GDP.

Penang as the main tourist destination recorded 6.7 million arrivals at the Penang International Airport in 2016 exceeding its capacity of 6.5 million passengers. CNN has named Penang as the second best out of 17 tourist destinations in 2017. In further expanding the tourism industry in Penang, the State Government will continue to promote Penang by introducing new products and new events to give tourists a unique experience. In addition, the State Government continues to focus on medical tourism and MICE (meetings, incentives, conferences and exhibitions/events).

In an effort to make Penang a high-income economy, the State Government needs to transform towards an entrepreneurial and welfare state. All citizens irrespective of religion or race are given equal opportunities to achieve economic progress and prosperity. In our efforts to achieve international and intelligent city status, the critical success factor remains the building of human talent and to establish a livable city that is clean, green, safe and healthy.

It is my fervent hope that all agencies, departments, statutory bodies, private sectors and individuals will enhance their efforts and roles towards strengthening and realising the State Government's policy planning. I take this opportunity to convey my congratulations and appreciation in your effort to ensure the successful publication of Penang In Numbers 2016/2017.

Thank you.



**RIGHT HON. LIM GUAN ENG**  
CHIEF MINISTER OF PENANG

# PRAKATA

## YB. TIMBALAN KETUA MENTERI II PULAU PINANG

Salam Sejahtera,

Buku Data Asas Sosio-Ekonomi Negeri Pulau Pinang 2016/2017 merupakan bahan rujukan siri kelima diterbitkan oleh Kerajaan Negeri yang akan digunakan oleh barisan pentadbiran, syarikat swasta, NGO dan Institusi Pengajian Tinggi di dalam mengkaji, merancang dan merangka rancangan pembangunan negeri.

Usaha Kerajaan Negeri menggembeling tenaga untuk menyediakan prasarana dalam bentuk maklumat adalah bertujuan meningkatkan pertumbuhan ekonomi serta taraf hidup rakyat secara tidak langsung. Di samping itu, maklumat data yang terdapat dalam buku ini juga boleh dijadikan sumber rujukan utama untuk para penyelidik sosio ekonomi mahupun pelajar dalam bidang masing-masing.

Ilmu merupakan jambatan kepada kemajuan sesebuah negara. Dengan penguasaan ilmu, transformasi rakyat akan berlaku dari segala aspek termasuklah politik dan sosio-ekonomi. Dalam usaha membangunkan modal insan yang berkualiti, Negeri Pulau Pinang telah memberi tumpuan dalam pendidikan STEM (Science, Technology, Engineering and Maths) bagi memastikan Pulau Pinang menjadikan pusat kecemerlangan sains dan teknologi di negara ini. Penguasaan ilmu yang disokong dengan maklumat yang komprehensif dan reliable mampu merancakkan lagi perancangan pembangunan negeri ke arah merealisasi hasrat Kerajaan Negeri untuk menjadikan Pulau Pinang sebuah negeri bertaraf antarabangsa dan pintar.

Saya ingin mengucapkan sekalung tahniah dan jutaan terima kasih terutama kepada Bahagian Perancang Ekonomi Negeri (BPEN) serta Penang Institute (PI) dan semua pihak yang terlibat di atas usaha yang berterusan dalam menjayakan penerbitan buku data edisi kelima ini.

Sekian, terima kasih.



**YB. PROF. DR. P. RAMASAMY A/L PALANISAMY**  
**TIMBALAN KETUA MENTERI II PULAU PINANG**



# FOREWORD

## FROM THE HONORABLE DEPUTY CHIEF MINISTER II OF PENANG

Salam Sejahtera,

Penang In Numbers 2016/2017 is the fifth series published by the State Government which can be utilised by the administration, private companies, NGOs and Higher Education Institutions in reviewing, planning and drafting state development plans.

The effort of the State Government to provide infrastructure in the form of information is aimed at increasing the economic growth specifically and the standard of living of the people indirectly. Besides, the data contained in this book can also be the main source of reference for socioeconomic researchers and students in their respective fields.

Knowledge is a bridge to the progress of a nation. With the mastery of knowledge, the transformation of the people will take place from all aspects including politics and socio-economics. In an effort to develop quality human capital, the State of Penang has focused on STEM (Science, Technology, Engineering and Maths) education to ensure Penang becomes the centre of science and technology excellence in the country. Mastery of knowledge supported by comprehensive and reliable information will further boost state development planning towards realising the State Government's aim in making Penang achieve international and intelligent city status.

I would like to extend my congratulations and gratitude to the State Economic Planning Division (BPEN) and the Penang Institute (PI) and all parties involved in the publication of the fifth series of the book.

Thank you.



**HON. PROF. DR. P. RAMASAMY A/L PALANISAMY**  
*DEPUTY CHIEF MINISTER II OF PENANG*

# KATA-KATA ALUAN

YB. SETIAUSAHA KERAJAAN NEGERI PULAU PINANG

Salam Sejahtera,

Setinggi-tinggi kesyukuran dipanjangkan ke hadrat Ilahi kerana dengan limpah dan kurnia-Nya sekali lagi Kerajaan Negeri Pulau Pinang berjaya menerbitkan edisi kelima Buku Data Asas Sosio-Ekonomi Negeri Pulau Pinang 2016/2017. Sekalung tahniah dan terima kasih saya ucapan kepada Bahagian Perancang Ekonomi Negeri (BPEN) yang merealisasikan penerbitan ini dengan kerjasama Penang Institute (PI). Terima kasih kepada semua pihak yang terlibat samada secara langsung atau tidak langsung bagi semua Jabatan dan Agensi Negeri Pulau Pinang mahupun Persekutuan dalam menerbitkan buku ini.

Penerbitan buku data ini merupakan satu usaha Kerajaan Negeri dalam menyalurkan maklumat dan data terkini berkaitan ekonomi dan sosial Pulau Pinang merangkumi maklumat demografi, pertanian, pelancongan, kerja sosial, infrastruktur dan sebagainya kepada masyarakat umum. Objektif utama penerbitan buku data ini adalah untuk dimanfaatkan sepenuhnya oleh semua pihak dalam membangunkan Negeri Pulau Pinang. Maklumat yang terdapat dalam buku data ini juga dapat dicapai melalui laman sesawang <http://www.penang.gov.my>.

Saya amat berharap agar Buku Data Asas Sosio-Ekonomi edisi kelima ini dapat dimanfaatkan sepenuhnya sebagai sumber rujukan utama yang efektif dalam memacu pembangunan dan hala tuju ekonomi negeri seiring dengan perkembangan negara dan dunia.

Sekian, terima kasih.

YB. DATO' SERI FARIZAN BIN DARUS  
SETIAUSAHA KERAJAAN NEGERI PULAU PINANG



# WELCOME REMARKS

FROM THE HONORABLE STATE SECRETARY OF PENANG

Salam Sejahtera,

The highest gratitude for His grace and Consent that once again the Penang State Government has successfully published the fifth series of Penang In Numbers 2016/2017. Congratulations and thank you to the State Economic Planning Division (BPEN) for this publication in collaboration with the Penang Institute (PI). Thanks is also accorded to all parties involved state or federal departments and agencies directly or indirectly in publishing this book.

The publication of this book is a State Government effort in channeling the latest information and data on the economic and social issues of Penang encompassing demographic information, agriculture, tourism, social work, infrastructure, and so on to the general public. The main objective of the publication of this book is the hope that it will be fully utilized by all parties in developing the State of Penang. The information contained in this book can also be accessed through the website <http://www.penang.gov.my>.

I hope that this fifth series of the Penang In Numbers can be fully utilized as an effective primary source of reference in propelling the development and direction of the country's economy in tandem with development of the contry and the world.

Thank you.



**HON. DATO' SERI FARIZAN BIN DARUS**  
STATE SECRETARY OF PENANG



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01

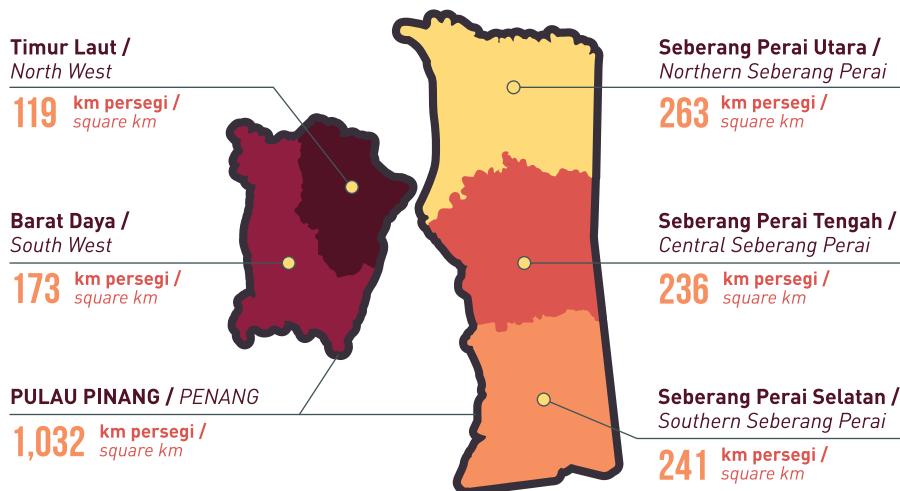
# DEMOGRAFI & EKONOMI

DEMOGRAPHY & ECONOMY



## MAKLUMAT ASAS NEGERI PULAU PINANG 2016 PENANG BASIC INFORMATION 2016

### KELUASAN / AREA



### LOKASI / LOCATION

Latitud / Latitude

**5° 19'**



Longitud / Longitude

**100° 19'**

### IKLIM / CLIMATE



**28°C – 32°C**

Suhu (siang) /  
Temperature (daytime)



**22°C – 25°C**

Suhu (malam) /  
Temperature (night)



**200MM**

Purata Hujan Tahunan /  
Average Rainfall



**70% - 85%**

Kelembapan Relatif /  
Relative Humidity

### PENDUDUK / POPULATION

**1,717.7 ('000) orang / people**

Kepadatan Penduduk /  
Population Density

**1,664.4 orang setiap km persegi /  
per square km**

Purata Kadar Pertumbuhan Penduduk  
Tahunan / Average Annual Population Growth Rate

**1.1**

Nisbah Jantina (Lelaki : Perempuan) /  
Sex Ratio (Male : Female)

**101**

Purata Penduduk Per Isi Rumah /  
Average Population Per Household

**3.7**

Isi Rumah /  
Household

**460.6 ('000)**

Umur Penengah /  
Median Age

**31.1**

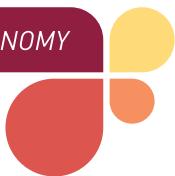
#### Nota / Note :

Unjuran penduduk berdasarkan data banci penduduk dan perumahan Malaysia 2010 yang disesuaikan /  
Population projections based on the adjusted population and housing census of Malaysia 2010

Sumber / Source :  
Jabatan Perangkaan Malaysia /  
Department of Statistics, Malaysia

Jabatan Ukur dan Pemetaan Malaysia (JUPEM) /  
Department of Survey and Mapping Malaysia

Jabatan Meteorologi Malaysia /  
Malaysian Meteorological Department



**TABURAN PENDUDUK MENGIKUT DAERAH ('000), PULAU PINANG 2012-2016**  
**POPULATION BY DISTRICT ('000), 2012-2016**

**WARGANEGARA MALAYSIA / MALAYSIAN**

DAERAH / DISTRICT	TAHUN / YEAR	JUMLAH / TOTAL	JUMLAH WARGA NEGARA MALAYSIA / TOTAL MALAYSIAN	BUMIPUTERA / BUMIPUTERA	CINA / CHINESE	INDIA / INDIAN	LAIN-LAIN / OTHERS	BUKAN WARGA NEGARA MALAYSIA / NON MALAYSIAN	
			MELAYU / MALAY	BUMIPUTERA LAIN / OTHERS					
PULAU PINANG / PENANG	2012	1,631.1	1,511.6	661.0	6.5	679.2	160.2	4.7	119.5
	2013	1,656.8	1,529.9	673.5	6.6	683.1	161.9	4.9	126.9
	2014	1,681.3	1,548.3	686.0	6.8	686.9	163.6	5.1	133.0
	2015	1,704.5	1,566.6	698.5	6.9	690.7	165.2	5.2	137.9
	2016	1,725.8	1,584.8	711.1	7.0	694.4	166.9	5.4	141.0
TIMUR LAUT / NORTH EAST	2012	540.9	498.6	112.8	2.5	326.3	55.2	1.8	42.3
	2013	548.1	503.3	114.9	2.6	328.1	55.7	1.9	44.8
	2014	554.9	507.9	117.1	2.6	330.0	56.3	2.0	47.0
	2015	561.3	512.6	119.2	2.6	331.8	56.9	2.0	48.7
	2016	566.9	517.2	121.3	2.7	333.6	57.5	2.1	49.8
BARAT DAYA / SOUTH WEST	2012	211.2	197.8	121.4	1.1	62.2	12.5	0.6	13.4
	2013	214.8	200.6	123.7	1.1	62.6	12.6	0.6	14.2
	2014	218.4	203.5	126.0	1.1	62.9	12.7	0.6	14.9
	2015	221.8	206.3	128.3	1.1	63.3	12.9	0.7	15.5
	2016	224.9	209.1	130.6	1.1	63.6	13.0	0.7	15.8
SEBERANG PERAI UTARA / NORTHERN SEBERANG PERAI	2012	308.3	295.3	179.8	0.9	90.0	24.0	0.6	12.9
	2013	313.3	299.5	183.2	0.9	90.5	24.3	0.7	13.7
	2014	318.2	303.8	186.6	0.9	91.0	24.5	0.7	14.4
	2015	322.9	308.0	190.0	0.9	91.5	24.8	0.7	14.9
	2016	327.4	312.2	193.4	1.0	92.0	25.0	0.7	15.3
SEBERANG PERAI TENGAH / CENTRAL SEBERANG PERAI	2012	391.8	351.7	176.9	1.5	135.4	36.6	1.2	40.2
	2013	398.9	356.2	180.3	1.5	136.2	37.0	1.3	42.7
	2014	405.6	360.8	183.6	1.5	137.0	37.4	1.3	44.8
	2015	411.8	365.4	187.0	1.6	137.7	37.8	1.4	46.4
	2016	417.4	369.9	190.3	1.6	138.5	38.1	1.4	47.5
SEBERANG PERAI SELATAN / SOUTHERN SEBERANG PERAI	2012	179.0	168.2	70.0	0.6	65.3	31.9	0.4	10.7
	2013	181.7	170.3	71.4	0.6	65.6	32.3	0.4	11.4
	2014	184.3	172.3	72.7	0.6	66.0	32.6	0.4	12.0
	2015	186.8	174.4	74.0	0.6	66.4	32.9	0.5	12.4
	2016	189.1	176.4	75.3	0.6	66.7	33.3	0.5	12.7

**Nota / Note :**

1. Unjuran Penduduk berdasarkan data Banci Penduduk dan Perumahan Malaysia 2010 yang disesuaikan

*Population Projections based on adjusted Population and Housing Census of Malaysia 2010*

2. Hasil tambah mungkin berbeza kerana pembundaran

*The added total may differ due to rounding*

**Sumber / Source :**

Jabatan Perangkaan Malaysia /

*Department of Statistics, Malaysia*

## TABURAN PENDUDUK MENGIKUT KUMPULAN UMUR ('000), PULAU PINANG 2012-2016

POPULATION BY AGE GROUP ('000), PENANG 2012-2016

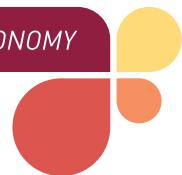
KUMPULAN UMUR / AGE GROUP	2012 <sup>p</sup>	2013 <sup>p</sup>	2014 <sup>p</sup>	2015 <sup>p</sup>	2016
0 - 4	113.4	113.5	113.8	114.2	113.0
5 - 9	118.1	117.0	116.0	115.3	111.5
10 - 14	125.1	124.2	123.3	122.4	119.7
15 - 19	133.9	131.9	130.0	128.2	134.8
20 - 24	145.5	146.5	147.7	148.4	171.2
25 - 29	154.9	151.6	148.2	145.7	169.9
30 - 34	141.7	147.5	151.8	154.0	157.7
35 - 39	123.3	125.1	127.6	131.1	128.4
40 - 44	113.3	115.2	117.1	119.0	117.5
45 - 49	102.0	104.2	106.3	108.1	108.1
50 - 54	90.3	92.1	93.9	95.9	96.4
55 - 59	75.9	78.5	81.1	83.4	84.8
60 - 64	62.9	64.2	65.6	67.3	70.2
65 - 69	43.9	47.5	50.8	53.5	55.5
70 - 74	30.6	30.6	31.1	32.5	35.2
75 - 79	18.7	20.7	22.4	23.3	24.0
80 - 84	10.1	10.1	10.4	11.2	11.6
85+	7.2	8.0	8.7	9.4	8.2
JUMLAH / TOTAL	1,611.1	1,628.4	1,645.7	1,663.0	1,717.7

**Nota / Note :**

1. 2014-2016: Unjuran Penduduk berdasarkan data Banci Penduduk Dan Perumahan Malaysia 2010 yang disesuaikan /  
2014-2015: Population projections based on the adjusted Population And Housing Census Of Malaysia 2010
2. 2012-2013: Anggaran Penduduk Pertengahan Tahun berdasarkan data Banci Penduduk dan Perumahan Malaysia 2010 yang disesuaikan /  
2012-2013: Mid Year Population Estimates based on the adjusted Population And Housing Census Of Malaysia 2010
3. Hasil tambah mungkin berbeza kerana pembundaran / The added total may differ due to rounding
4. P. angka permulaan / P preliminary figures

**Sumber / Source :**

Jabatan Perangkaan Malaysia / Department of Statistics, Malaysia



**TABURAN PENDUDUK MENGIKUT ETNIK & UMUR ('000), PULAU PINANG 2016**  
 POPULATION BY ETHNICITY AND AGE ('000), PENANG 2016

UMUR / AGE	JUMLAH / TOTAL	BUMIPUTERA	CINA / CHINESE	INDIA / INDIAN	LAIN-LAIN / OTHERS	BUKAN WARGA NEGARA MALAYSIA / NON MALAYSIAN
0 - 4	113.0	61.5	36.4	10.1	0.3	4.8
5 - 9	111.5	61.3	36.2	12.1	0.6	1.4
10 - 14	119.7	61.6	43.6	13.5	0.4	0.7
15 - 19	134.8	64.4	49.5	14.1	0.6	6.2
20 - 24	171.2	68.0	54.5	14.9	0.6	33.3
25 - 29	169.9	68.9	47.8	13.3	0.3	39.5
30 - 34	157.7	67.4	52.9	13.5	0.2	23.7
35 - 39	128.4	50.7	50.6	12.1	0.4	14.6
40 - 44	117.5	45.5	51.7	11.5	0.4	8.4
45 - 49	108.1	40.1	52.4	11.1	0.3	4.1
50 - 54	96.4	33.9	48.2	10.9	0.3	3.2
55 - 59	84.8	28.4	44.3	9.7	0.2	2.2
60 - 64	70.2	22.5	38.3	7.6	0.2	1.6
65 - 69	55.5	16.2	33.0	5.4	0.1	0.9
70 - 74	35.2	10.0	21.7	2.8	0.1	0.6
75 - 79	24.0	6.3	15.5	1.6	0.1	0.4
80 - 84	11.6	2.8	7.5	0.9	0.0	0.3
85+	8.2	2.3	4.8	0.7	0.0	0.4
<b>JUMLAH / TOTAL</b>	<b>1,717.7</b>	<b>711.8</b>	<b>688.9</b>	<b>165.7</b>	<b>5.0</b>	<b>146.3</b>

**Nota / Note :**

1. Unjuran Penduduk berdasarkan data Banci Penduduk dan Perumahan Malaysia 2010 yang disesuaikan

Population Projections based on adjusted Population and Housing Census of Malaysia 2010

2. Hasil tambah mungkin berbeza kerana pembundaran

The added total may differ due to rounding

**Sumber / Source :**

Jabatan Perangkaan Malaysia / Department of Statistics, Malaysia

**KDNK PULAU PINANG MENGIKUT JENIS AKTIVITI EKONOMI  
BAGI TAHUN 2006-2016 PADA HARGA MALAR 2010-RM JUTA**

*GROSS DOMESTIC PRODUCT PENANG BY TYPE OF ECONOMIC ACTIVITY PENANG,  
2006-2016 AT CONSTANT PRICE 2010-RM MILLION*

JENIS AKTIVITI EKONOMI / TYPE OF ECONOMIC ACTIVITY	KDNK / GROSS DOMESTIC PRODUCT										
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015 <sup>e</sup>	2016 <sup>p</sup>
1. PERTANIAN / AGRICULTURE	700	721	750	760	1,280	1,357	1,425	1,463	1,521	1,551	1,507
2. PERLOMBONGAN DAN PENGKUARIAN / MINING & QUARRYING	17	19	19	19	33	35	40	46	52	54	59
3. PEMBUATAN / MANUFACTURING	24,429	25,374	26,348	21,239	24,299	25,221	25,617	26,669	29,197	31,197	32,895
4. PEMBINAAN / CONSTRUCTION	813	924	1,005	982	1,486	1,561	1,900	1,899	2,135	2,064	2,278
5. SEKTOR PERKHIDMATAN / SERVICES	17,153	18,925	20,267	20,242	25,569	27,313	28,960	30,779	32,787	34,313	36,246
5.1 UTILITI, PENGANGKUTAN, PENYIMPANAN, DAN KOMUNIKASI/ UTILITY, TRANSPORT, STORAGE AND COMMUNICATION	3,595	3,973	4,212	4,235	5,640	6,058	6,520	6,891	7,386	7,843	8,599
5.2 PERDAGANGAN BARANG DAN RUNCIT, PENGINAPAN DAN RESTORAN / RETAIL & COMMERCIAL GOODS, ACCOMODATION AND RESTAURANT	4,717	5,393	5,915	5,736	7,783	8,186	8,533	9,106	9,905	10,533	11,128
5.3 KEWANGAN DAN INSURANS, HARTANAH, DAN PERKHIDMATAN PERNIAGAAN / FINANCE & INSURANCE, PROPERTY AND BUSINESS SERVICES	4,975	5,509	5,883	5,912	6,262	6,640	6,962	7,161	7,392	7,541	7,749
5.4 PERKHIDMATAN-PERKHIDMATAN LAIN / OTHERS SERVICES	1,791	1,912	2,014	2,094	2,720	2,829	2,986	3,160	3,306	3,446	3,599
5.5 PERKHIDMATAN KERAJAAN / GOVERNMENT SERVICES	2,076	2,139	2,243	2,264	3,165	3,600	3,959	4,461	4,797	4,949	5,171
6. CAMPUR: DUTI IMPORT / PLUS: IMPORT DUTIES	288	263	360	383	280	340	411	477	510	646	732
<b>KDNK pada Harga Pembeli / GDP At Purchaser's Price</b>	<b>43,401</b>	<b>46,226</b>	<b>48,749</b>	<b>43,626</b>	<b>52,946</b>	<b>55,827</b>	<b>58,353</b>	<b>61,324</b>	<b>66,203</b>	<b>69,825</b>	<b>73,718</b>
<b>KADAR PERTUMBUHAN (%) / GROWTH RATE</b>	<b>10.8</b>	<b>6.5</b>	<b>5.5</b>	<b>-10.5</b>	<b>10.4</b>	<b>5.4</b>	<b>4.5</b>	<b>5.1</b>	<b>8.0</b>	<b>5.5</b>	<b>5.6</b>

**Nota / Note :**

1.<sup>e</sup>: anggaran / <sup>e</sup>: estimate

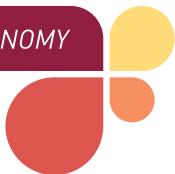
2.<sup>p</sup>: permulaan / <sup>p</sup>: preliminary

3. Jumlah angka komponen mungkin tidak bersamaan dengan angka jumlah kecil atau jumlah besar disebabkan pembundaran / The sum of the component figures may not tally with the sub-total or total figures due to rounding.

**Sumber / Source :**

Jabatan Perangkaan Malaysia /

Department of Statistics, Malaysia



**KELUASAN KEGUNAAN TANAH (HEKTAR) PULAU PINANG 2015**  
**TOTAL LAND USE (HECTARE), PENANG 2015**

2015

GUNATANAH / LAND USE	TIMUR LAUT / NORTH EAST	BARAT DAYA / SOUTH WEST	SEBERANG PERAI UTARA / NORTHERN SEBERANG PERAI	SEBERANG PERAI TENGAH / CENTRAL SEBERANG PERAI	SEBERANG PERAI SELATAN / SOUTHERN SEBERANG PERAI	JUMLAH KELUASAN / TOTAL AREA
KEDIAMAN / RESIDENCE	2,171.9180	2,032.9752	3,766.5218	3,664.3438	2,426.3062	14,062.0650
PERNIAGAAN / BUSINESS	382.6574	127.6051	320.1791	476.0208	158.2217	1,464.684
INDUSTRI / INDUSTRIAL	68.7962	455.7523	440.015	1,792.8719	540.4827	3,297.9181
PENDIDIKAN / EDUCATION	413.412	193.8758	437.2567	355.0359	331.9194	1,731.4998
INSTITUSI / BADAN KERAJAAN / INSTITUTION / GOV BODY	259.9469	554.6162	787.439	443.2002	185.3441	2,230.5464
UTILITI AWAM / PUBLIC UTILITIES	68.2699	53.8218	131.0356	327.7412	110.8606	691.7291
PENGANGKUTAN / TRANSPORTATION	1,408.2833	1,121.8531	1,951.3275	2,520.4348	2,106.3872	9,108.2860
KEMUDAHAN AWAM / PUBLIC AMENITIES	376.3123	115.6655	307.1471	196.0824	398.1422	1,393.3495
TEMPAT IBADAT / WORSHIP PLACE	61.8300	27.6995	59.1268	66.3381	35.2732	250.2675
TANAMAN / CROPS	77.6413	3,234.7322	13,917.8800	6,180.7774	11,574.5766	34,985.6075
TERNAKAN / LIVESTOCK	0.0000	207.045	102.7865	276.9888	761.4754	1,348.2958
PERKUBURAN / GRAVEYARD	210.4955	71.2554	31.1873	130.1575	54.8601	497.9559
HUTAN / FOREST	6,868.8582	8,962.4717	2,622.7181	5,525.519	3,799.6763	27,779.2432
TANAH LAPANG / FIELD	194.9135	249.2705	304.6258	578.3487	900.9629	2,228.1214
LAUT / TASIK / SUNGAI / SEA / LAKE / RIVER	86.6887	478.3602	1,683.6456	1,046.3621	1,318.9676	4,614.0241
PERLOMBONGAN / MINING	43.1691	52.1953	107.3965	374.0282	112.5848	689.3739
<b>JUMLAH / TOTAL</b>	<b>12,693.1920</b>	<b>17,939.1948</b>	<b>26,970.2884</b>	<b>23,954.2509</b>	<b>24,816.0411</b>	<b>106,372.9672</b>

Sumber / Source :

Jabatan Perancang Bandar dan Desa Pulau Pinang / Town and Country Planning Department, Penang



## CATATAN / NOTE



## ALAM SEKITAR

ENVIRONMENT



## STATUS KUALITI UDARA, PULAU PINANG 2012-2016

### AIR QUALITY STATUS, PENANG 2012-2016

STesen / Station	Status Kualiti Udara / Air Quality Status	Tahun (Bil. Hari / Setahun) / Year (Day / Year)				
		2012	2013	2014	2015	2016
PERAI	BAIK	305	340	150	151	242
	SEDERHANA	60	23	213	202	124
	TIDAK SIHAT	0	0	2	12	0
SEBERANG JAYA	BAIK	229	246	141	32	96
	SEDERHANA	136	117	216	317	270
	TIDAK SIHAT	0	0	8	15	0
	SANGAT TIDAK SIHAT	0	0	0	1	0
USM	BAIK	319	272	107	78	173
	SEDERHANA	46	91	249	272	191
	TIDAK SIHAT	0	0	9	14	2
	SANGAT TIDAK SIHAT	0	0	0	1	0

**Nota / Note :**

B = Baik / Good

S = Sederhana / Moderate

TS = Tidak Sihat / Unhealthy

**Sumber / Source :**

Jabatan Alam Sekitar Pulau Pinang / Environmental Department of Penang

## JENIS KES PENCEMARAN YANG DILAPORKAN, PULAU PINANG 2012-2016

### TYPES OF POLLUTION REPORTED, PENANG 2012-2016

Jenis / Type	Tahun / Year				
	2012	2013	2014	2015	2016
Air / Water	49	53	46	48	52
Udara / Air	135	120	137	136	162
Buangan Terjadual / Scheduled Waste	23	9	10	15	22
Bunyi / Sound	21	20	18	3	15
Pembakaran Terbuka / Open Burning	306	312	315	266	272
Lain-Lain / Others	70	60	29	32	32
<b>JUMLAH / TOTAL</b>	<b>604</b>	<b>574</b>	<b>555</b>	<b>500</b>	<b>555</b>

**Sumber / Source :**

Jabatan Alam Sekitar Pulau Pinang / Environmental Department of Penang



## INDEKS KUALITI AIR LEMBANGAN SUNGAI, PULAU PINANG 2012 - 2016 RIVER BASIN WATER QUALITY INDEX, PENANG 2012 - 2016

SUNGAI / RIVER	INDEKS KUALITI AIR MENGIKUT TAHUN / WATER QUALITY INDEX BY YEAR				
	2012	2013	2014	2015	2016
Juru	63	63	62	63	61
Pinang	60	64	62	58	64
Jejawi	71	73	69	57	71
Keluang	83	81	79	84	76
Perai	56	58	67	63	59
Kerian	70	86	81	84	83
Bayan Lepas	70	73	69	70	69





## CATATAN / NOTE



# PENGANGKUTAN

TRANSPORTATION



## BILANGAN KENDERAAN BERMOOTOR MENGIKUT JENIS KENDERAAN, PULAU PINANG 2012-2017 NUMBER OF MOTOR VEHICLES BY TYPE, PENANG 2012-2017

JENIS / TYPE	TAHUN / YEAR						JAN – APRIL 2017
	2012	2013	2014	2015	2016		
Motosikal / Motorcycles	53,903	52,367	47,190	35,261	32,568		11,078
Kereta / Cars	54,365	56,589	39,996	17,435	11,281		2,648
Bas / Buses	49	157	170	61	31		13
Teksi / Taxis	126	102	213	72	107		9
Kereta Sewa Pandu Sendiri / Hired Cars	48	66	78	58	50		14
Kenderaan Barang / Goods Vehicle	3,056	2,722	2,975	2,821	2,400		831
Lain-Lain / Others	916	986	891	806	669		184
JUMLAH / TOTAL	112,463	112,989	91,513	56,514	47,106		14,777

**Sumber / Source :**  
Jabatan Pengangkutan Jalan Malaysia / Road Transport Department, Malaysia

## BILANGAN PENUMPANG YANG MENGGUNAKAN PERKHIDMATAN KTMB, PULAU PINANG 2012-2016 NUMBER OF KTMB PASSENGERS, PENANG 2012-2016

STESEN / STATION	BILANGAN PENUMPANG / NUMBER OF PASSENGERS				
	2012	2013	2014	2015	2016
Butterworth	84,191	69,274	60,975	64,173	536,896
Bukit Mertajam	61,163	55,176	36,860	41,812	362,336
Nibong Tebal	8,501	8,922	4,751	2,755	37,871
JUMLAH / TOTAL	153,855	133,372	102,586	108,740	937,103

**Sumber / Source :**  
Keretapi Tanah Melayu Berhad (KTMB), Negeri Pulau Pinang / Malaysian Railway, Penang

# KENDALIAN KARGO OLEH KTMB, PULAU PINANG 2012– 2016

## CARGO HANDLED BY KTMB, PENANG 2012 – 2016

JENIS / TYPE	BILANGAN KARGO MENGIKUT JENIS DAN TAHUN / NUMBER OF CARGO BY TYPE AND YEAR									
	2012		2013		2014		2015		2016	
	Berat (Tonnes)	Hasil (RM) / Value	Berat (Tonnes)	Hasil (RM) / Value	Berat (Tonnes)	Hasil (RM) / Value	Berat (Tonnes)	Hasil (RM) / Value	Berat (Tonnes)	Hasil (RM) / Value
Kontena / Container	223,100.90	38,878,950.00	235,140.00	33,872,020.00	2,098,400.00	36,178,560.00	2,156,580.00	41,038,338.00	2,310,060.00	43,622,106.00
Landbridge	7,124.00	4,009,210.00	14,153.00	1,889,040.00	13,860.00	1,806,730.00	7,772.00	2,821,700.00	7,892.00	5,941,121.00
Makanan / Minuman / Food / Beverages	458,408.00	12,228,287.41	413,628.00	10,607,526.00	442,171.00	13,240,203.00	400,076.14	12,027,567.00	407,636.24	11,193,004.65
Kimia / Chemicals	327,901.00	1,747,019.50	366,981.00	4,615,008.00	372,574.00	5,505,218.00	326,479.00	6,713,052.00	344,539.17	7,843,803.54
Batang Besi / Steel Rods	15,058.47	98,580.00	12,426.00	142,040.00	4,728.00	100,470.00	22,947.25	632,688.00	36,780.59	949,032.00
Lain-lain / Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
JUMLAH / TOTAL	1,031,592.37	56,962,046.91	1,042,328.00	51,125,634.00	2,931,733.00	56,831,181.00	2,913,854.39	63,233,345.00	3,106,908.00	69,549,067.19

Sumber / Source :  
 Keretapi Tanah Melayu Berhad (KTMB) Negeri Pulau Pinang / Malaysian Railway, Penang

## PERANGKAAN PERKHIDMATAN FERI PULAU PINANG 2012-2016 STATISTICS ON PENANG FERRY SERVICE PENANG 2012-2016

TAHUN / YEAR	PENUMPANG / PASSENGER	BASIKAL / BICYCLE	MOTOSIKAL / MOTORCYCLE	KERETA / CAR	LORI / LORRY
2012	1,865,836	18,257	1,318,968	799,062	49,612
2013	1,652,504	20,225	1,275,287	784,913	46,314
2014	1,574,874	21,358	1,223,480	762,772	43,403
2015	1,461,402	21,458	1,207,602	684,703	38,361
2016	1,371,098	19,108	1,010,535	528,758	29,310

**Sumber / Source :**  
Suruhanjaya Pelabuhan Pulau Pinang / Penang Port Commission

## KENDALIAN MENGIKUT JENIS KARGO DI PELABUHAN PULAU PINANG 2012-2016 TYPE OF CARGO HANDLED AT PENANG PORT 2012-2016

JENIS KARGO (TAN) / TYPE OF CARGO (TONNES)	TAHUN / YEAR				
	2012	2013	2014	2015	2016
Pukal Cecair / Liquid Bulk	5,096,534.00	4,904,646.00	4,609,974.00	4,589,146.00	4,362,985.00
Pukal Kering / Dry Bulk	4,262,988.00	4,374,050.00	4,151,694.00	4,265,862.00	3,791,535.00
Kargo Am / General Cargo	1,395,893.00	1,258,753.00	1,393,129.00	1,666,369.00	1,812,238.00
Kargo Kontena / Containerised Cargo	18,821,637.00	19,543,385.00	19,891,863.00	19,791,522.00	21,011,100.00
<b>JUMLAH / TOTAL</b>	<b>29,577,052.00</b>	<b>30,080,834.00</b>	<b>30,046,660.00</b>	<b>30,312,899.00</b>	<b>30,977,858.00</b>

**Sumber / Source :**  
Suruhanjaya Pelabuhan Pulau Pinang / Penang Port Commission



**KAPAL LAUT TERLIBAT DALAM PERDAGANGAN  
ANTARABANGSA, PULAU PINANG 2012-2016**

*OCEAN GOING VESSEL ENGAGED IN INTERNATIONAL TRADE, PENANG 2012-2016*

**2012**

**2013**

**2014**

**2015**

**2016**

**TAHUN /  
YEAR**

	<b>Ketibaan / Arrival</b>		<b>Belayar / Departures</b>	
	<b>Bilangan / Number</b>	<b>T.B.B / N.R.T</b>	<b>Bilangan / Number</b>	<b>T.B.B / N.R.T</b>
<b>2012</b>	<b>3,994</b>	<b>15,007,500</b>	<b>3,716</b>	<b>14,856,726</b>
<b>2013</b>	<b>3,863</b>	<b>6,930,258</b>	<b>3,686</b>	<b>6,860,956</b>
<b>2014</b>	<b>2,241</b>	<b>6,138,937</b>	<b>2,360</b>	<b>6,200,946</b>
<b>2015</b>	<b>3,031</b>	<b>38,461,701 (GRT)</b>	<b>3,059</b>	<b>37,922,761 (GRT)</b>
<b>2016</b>	<b>3,979</b>	<b>40,418,776 (GRT)</b>	<b>3,907</b>	<b>39,429,891 (GRT)</b>

**Nota / Note :**

T.B.B [Tan Bersih Berdaftar] / N.R.T [Net Registered Tons]  
GRT - Tan Kasar Berdaftar / Gross Registered Tonnage

**Sumber / Source :**

Suruhanjaya Pelabuhan Pulau Pinang /  
Penang Port Commission

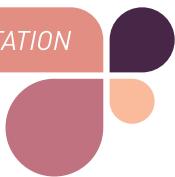
**KENDALIAN KONTENA DI PELABUHAN PULAU PINANG 2012-2016**  
 CONTAINER HANDLED AT PENANG PORT 2012-2016

TAHUN / YEAR	KONTENA (TEUS) / CONTAINER (TEUS)			JUMLAH / TOTAL
	IMPORT / IMPORT	EKSPORT / EXPORT		
<b>2016</b>	<b>661,323</b>	•	<b>775,797</b>	• <b>1,439,120</b>
<b>2015</b>	<b>603,007</b>	•	<b>714,345</b>	• <b>1,317,352</b>
<b>2014</b>	<b>563,557</b>	•	<b>702,155</b>	• <b>1,265,712</b>
<b>2013</b>	<b>565,894</b>	•	<b>671,819</b>	• <b>1,237,713</b>
<b>2012</b>	<b>538,074</b>	•	<b>627,659</b>	• <b>1,165,733</b>

**Nota / Note :**  
 TEUS – Twenty Footer Equivalent Units

**Sumber / Source :**  
 Suruhanjaya Pelabuhan Pulau Pinang / Penang Port Commission

**KETIBAAN KAPAL DAN TAN KASAR BERDAFTAR (GRT) 2012-2016**  
**VESSEL ARRIVAL AND GROSS REGISTERED TONNAGE (GRT) 2012-2016**



TAHUN / YEAR	JUMLAH KAPAL / TOTAL VESSEL		TAN KASAR BERDAFTAR / GROSS REGISTERED TONNAGE (GRT)
	BILANGAN / NUMBER		
2012	7,796	•	66,940,589
2013	6,309	•	63,991,501
2014	6,137	•	59,389,298
2015	6,226	•	64,526,563
2016	7,008	•	68,936,345

**Sumber / Source :**  
 Suruhanjaya Pelabuhan Pulau Pinang / Penang Port Commission

**STATISTIK PERKHIDMATAN POS, PULAU PINANG 2012 – 2016**  
**POSTAL SERVICES STATISTICS, PENANG 2012 – 2016**

JENIS / TYPE	TAHUN / YEAR				
	2012	2013	2014	2015	2016
Pejabat Pos / Post Offices	40	40	40	39	39
Pejabat Pos Mini / Mini Post Offices	19	18	17	10	8
Pejabat Pos Bergerak / Mobile Post Offices	1	1	1	1	1
Wakil Pos / Postal Agencies	1	1	1	1	1
Benda pos yang diposkan untuk penyerahan di Malaysia ('000) / Postal items posted for delivery in Malaysia	75,490,586	70,352,153	64,001,807	71,311,388	64,096,221
Benda pos yang diposkan untuk penyerahan di negeri seberang laut ('000) / Postal items posted for overseas delivery	4,767,100	4,059,900	1,937,000	1,080,500	TD

Nota / Note :  
TD – Tidak Diperolehi / Not Available

Sumber / Source :  
Pos Malaysia Berhad Negeri Pulau Pinang

**PERANGKAAN KARGO YANG DIKENDALIKAN OLEH LAPANGAN  
TERBANG ANTARABANGSA PULAU PINANG 2012 – 2016**  
**STATISTICS ON CARGO HANDLED BY PENANG INTERNATIONAL AIRPORT 2012 – 2016**

JENIS / TYPE	TAHUN / YEAR				
	2012	2013	2014	2015	2016
Ketibaan / <i>Arrivals</i>	<b>52,475,783</b>	• 56,405,755	• 62,293,799	• 57,996,247	• 58,073,267
Berlepas / <i>Departures</i>	<b>61,129,336</b>	• 55,445,869	• 56,518,342	• 54,751,793	• 55,106,344
Transit / <i>Transit</i>	<b>9,640,761</b>	• 41,851,650	• 22,401,353	• 17,644,317	• 17,311,094
JUMLAH KETIBAAN & BERLEPAS / TOTAL ARRIVALS & DEPARTURES	<b>123,245,880</b>	• 153,703,274	• 141,213,494	• 130,392,357	• 130,490,705

Sumber / Source :  
 Malaysia Airports Holding Berhad (MAHB)

**PERANGKAAN PENUMPANG YANG DIKENDALIKAN OLEH LAPANGAN TERBANG  
ANTARABANGSA PULAU PINANG 2012 – 2016**  
**STATISTICS ON PASSENGER LOAD HANDLED AT PENANG INTERNATIONAL AIRPORT 2012 – 2016**

PENUMPANG / PASSENGERS	TAHUN / YEAR				
	2012	2013	2014	2015	2016
Ketibaan / <i>Arrivals</i>	<b>2,377,472</b>	• 2,738,773	• 3,013,087	• 3,123,882	• 3,309,663
Berlepas / <i>Departures</i>	<b>2,390,343</b>	• 2,748,978	• 3,028,495	• 3,134,874	• 3,374,363
JUMLAH / <i>TOTAL</i>	<b>4,767,815</b>	• 5,487,751	• 6,041,582	• 6,258,756	• 6,684,026

Sumber / Source :  
 Malaysia Airports Holding Berhad (MAHB)





03

## INFRASTRUKTUR INFRASTRUCTURE

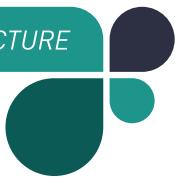
## JALAN NEGERI (KM) MENGIKUT PIHAK BERKUASA, PULAU PINANG 2016

STATE ROAD (KM) BY AUTHORITY, PENANG 2016

KELEBARAN JALAN MENGIKUT PIHAK BERKUASA / ROAD WIDTH BY LOCAL AUTHORITY

DAERAH / DISTRICT	JABATAN KERJA RAYA / PUBLIC WORK DEPARTMENT			PIHAK BERKUASA TEMPATAN / LOCAL AUTHORITY			PEJABAT DAERAH & TANAH	JABATAN PENGAIARAN DAN SALIRAN	JUMLAH (KM) / TOTAL (KM)
	>4.27m	3.05m - 4.27m	2.44m - 4.27m	>4.27m	3.05m - 4.27m	2.44m - 4.27m			
BARAT DAYA	317.161	0.000	1.772	0.000	0.000	0.000	42.615	73.285	434.833
SEBERANG PERAI TENGAH	201.557	0.000	39.200	0.000	0.000	0.000	156.265	220.208	617.230
SEBERANG PERAI SELATAN	192.499	0.000	31.900	0.000	0.000	0.000	38.520	219.122	482.041
SEBERANG PERAI UTARA	298.826	0.000	0.000	0.000	0.000	0.000	21.052	709.192	1,029.070
TIMUR LAUT	331.668	5.166	1.500	0.000	0.000	0.000	14.428	0.000	352.762
MAJLIS PERBANDARAN SEBERANG PERAI (MPSP) / SEBERANG PERAI MUNICIPAL COUNCIL	0.000	0.000	0.000	900.320	20.252	0.000	0.000	0.000	920.572
MAJLIS BANDARAYA PULAU PINANG (MBPP) / PENANG ISLAND CITY COUNCIL	0.000	0.000	0.000	328.948	0.887	0.000	0.000	0.000	329.835
JUMLAH / TOTAL	1,341.711	5.166	74.373	1,229.268	21.139	0.000	272.880	1,221.807	4,166.344

Sumber / Source :  
Jabatan Kerja Raya Malaysia / Malaysian Public Work Department



## PERMINTAAN MAKSIMA & KAPASITI JANAKUASA TENAGA ELEKTRIK, PULAU PINANG 2012-2016

**MAXIMUM DEMAND & ELECTRICITY GENERATION CAPACITY IN PENANG 2012-2016**

**2012**

■ 1,504.94
■ 655
■ 37.8%

Permintaan Maksimum Di Pulau Pinang (MW) /  
Maximum Demand in Penang (MW)

Kapasiti Janakuasa Elektrik Di Pulau Pinang (MW) /  
Generation Capacity in Penang (MW)

Rizab Margin Penjanaan Di Semenanjung Malaysia /  
Generation Reserve Margin in Peninsular Malaysia

**2014**

■ 1,632.31
■ 655
■ 30.6%

Permintaan Maksimum Di Pulau Pinang (MW) /  
Maximum Demand in Penang (MW)

Kapasiti Janakuasa Elektrik Di Pulau Pinang (MW) /  
Generation Capacity in Penang (MW)

Rizab Margin Penjanaan Di Semenanjung Malaysia /  
Generation Reserve Margin in Peninsular Malaysia

**2016**

■ 2,030.68
■ 1,705
■ 27.6%

Permintaan Maksimum Di Pulau Pinang (MW) /  
Maximum Demand in Penang (MW)

Kapasiti Janakuasa Elektrik Di Pulau Pinang (MW) /  
Generation Capacity in Penang (MW)

Rizab Margin Penjanaan Di Semenanjung Malaysia /  
Generation Reserve Margin in Peninsular Malaysia

**2013**

■ 1,564.90
■ 655
■ 30.6%

Permintaan Maksimum Di Pulau Pinang (MW) /  
Maximum Demand in Penang (MW)

Kapasiti Janakuasa Elektrik Di Pulau Pinang (MW) /  
Generation Capacity in Penang (MW)

Rizab Margin Penjanaan Di Semenanjung Malaysia /  
Generation Reserve Margin in Peninsular Malaysia

**2015**

■ 1,687.23
■ 655
■ 29.9%

Permintaan Maksimum Di Pulau Pinang (MW) /  
Maximum Demand in Penang (MW)

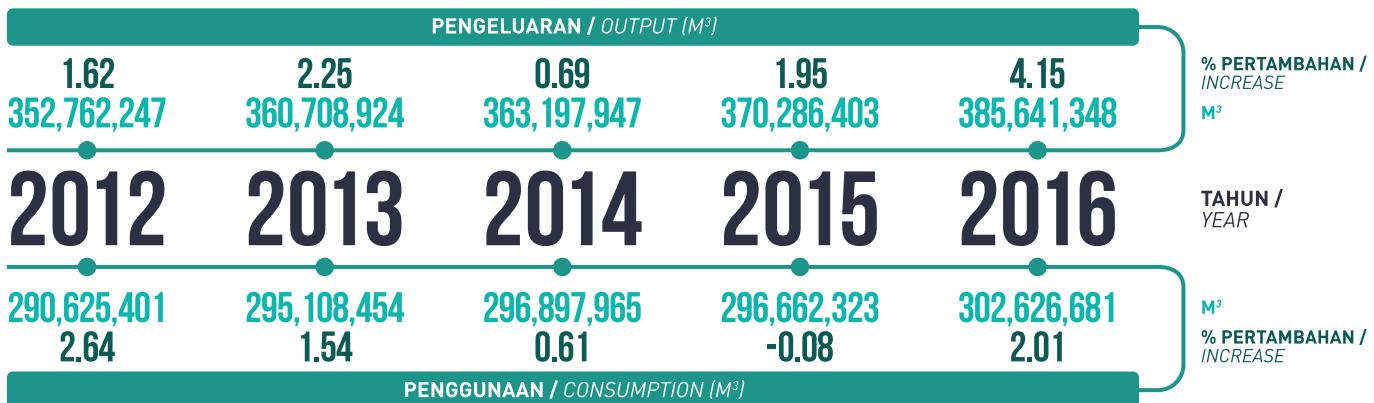
Kapasiti Janakuasa Elektrik Di Pulau Pinang (MW) /  
Generation Capacity in Penang (MW)

Rizab Margin Penjanaan Di Semenanjung Malaysia /  
Generation Reserve Margin in Peninsular Malaysia

Sumber / Source :  
Tenaga Nasional Berhad Negeri Pulau Pinang

## PENGELUARAN & PENGGUNAAN AIR (M<sup>3</sup>), PULAU PINANG 2012-2016

WATER OUTPUT & CONSUMPTION (M<sup>3</sup>), PENANG 2012-2016



Sumber / Source :

Perbadanan Bekalan Air Pulau Pinang (PBAPP) / Penang Water Supply Corporation (PBAPP)

## BEKALAN AIR, PULAU PINANG 2012-2016

### WATER SUPPLY, PENANG 2012-2016

		2012	2013	2014	2015	2016
Keluasan Takungan Air (km <sup>2</sup> ) / Water Catchment Areas (km <sup>2</sup> )		62.9	62.9	62.9	62.9	62.9
Pengguna Berdaftar / Registered Consumer	Domestik / Domestic Perdagangan / Commercial Jumlah / Total	460,966 72,950 533,916	471,466 75,283 546,749	484,118 77,693 561,811	494,737 81,010 575,747	504,400 85,397 589,797
Sumber Air Utama / Main Water Resource	Sg. Muda	Sg. Muda	Sg. Muda	Sg. Muda	Sg. Muda	Sg. Muda
Jumlah Bekalan Air Rawatan Sehari (Juta Liter) / Daily Supply of Treated Water (Million Litre)	964	988	995	1,014	1,054	
Penggunaan Berdaftar Sehari (Juta Liter) / Daily Registered Consumption (Million Litre)	794	808	813	813	827	
Air Tidak Berhasil (%) / Non Revenue Water (NRW) (%)	17.6	18.2	18.25	19.9	21.5	
Jumlah Empangan / Number of Dams	6	4	4	4	4	
Jumlah Kapasiti Simpanan Air Mentah (Juta Liter) / Total Raw Water Storage Capacity (Million Litre)	46,013	45,758	45,758	45,758	45,758	
Jumlah Pusat Rawatan Air / Number of Water Treatment Plants	10	9	9	9	9	
Jumlah Kapasiti Keupayaan Pusat Rawatan Air (Juta Liter / Hari) / Total Design Capacity of Water Treatment Plants (Million Litre / Day)	1,387.5	1,497.0	1,497.0	1,497.0	1,617.1	
Jumlah Empangan Rawatan Air / Number of Treated Water Reservoirs	65	63	58	57	58	
Jumlah Menara Rawatan Air / Number of Treated Water Towers	40	41	41	40	41	
Panjang Paip (100mm ke atas) (km) / Length of Pipes (100mm and above) (km)	4,118	4,196	4,294	4,346	4,401	

Sumber / Source :  
 Perbadanan Bekalan Air Pulau Pinang (PBAPP) / Penang Water Supply Corporation (PBAPP)



04



# PERTANIAN

AGRICULTURE

# MAKLUMAT ASAS SEKTOR PERTANIAN, PULAU PINANG 2012-2016

BASIC AGRICULTURAL SECTOR INFORMATION, PENANG 2012-2016

DAERAH / DISTRICT	TAHUN / YEAR	MAKLUMAT ASAS / BASIC INFORMATION			
		BILANGAN MUKIM / NO. OF MUKIM	KELUASAN (KM PERSEGI) / AREA (SQUARE KM)	KELUASAN KAWASAN PERTANIAN (HA) / CROPS AREA (HA)	BILANGAN PETANI / NO. OF FARMERS
TIMUR LAUT / NORTH EAST	2012	7	119	638.01	390
	2013	7	119	631.03	391
	2014	7	119	356.52	392
	2015	7	119	325.65	388
	2016	7	119	325.65	379
BARAT DAYA / SOUTH WEST	2012	22	173	6,786.46	1,829
	2013	22	173	6,871.48	1,830
	2014	22	173	3,378.90	1,822
	2015	22	173	2,889.92	1,817
	2016	22	173	2,832.42	1,820
SEBERANG PERAI UTARA / NORTHERN SEBERANG PERAI	2012	16	272	15,998.99	6,209
	2013	16	272	15,778.65	6,184
	2014	16	272	8,985.20	6,233
	2015	16	272	9,013.30	6,360
	2016	16	272	9,032.45	6,360
SEBERANG PERAI TENGAH / CENTRAL SEBERANG PERAI	2012	22	236	9,837.52	2,913
	2013	22	236	9,614.07	2,919
	2014	22	236	4,056.10	2,927
	2015	22	236	4,075.40	2,943
	2016	22	236	4,005.18	2,944
SEBERANG PERAI SELATAN / SOUTHERN SEBERANG PERAI	2012	16	241	14,178.79	2,335
	2013	16	241	13,975.65	2,371
	2014	16	241	2,792.61	2,383
	2015	16	241	2,656.53	2,342
	2016	16	241	2,704.69	2,334

Sumber / Source :

Jabatan Pertanian Negeri Pulau Pinang / Department of Agriculture, Penang



**GUNA TANAH PERTANIAN MENGIKUT  
TANAMAN (HEKTAR), PULAU PINANG 2012-2016**  
*AGRICULTURAL LAND USE BY CROPS (HECTARE), PENANG 2012-2016*

JENIS / TYPE	TAHUN / YEAR				
	2012	2013	2014	2015	2016
Padi / Paddy	12,782.00	12,782.00	12,782.00	12,782.00	12,782.00
Buah-buahan / Fruits	6,085.10	6,706.40	5,298.14	4,816.12	4,715.71
Getah / Rubber	10,837.64	10,837.64	TD	TD	TD
Kelapa Sawit / Oil Palm	13,864.59	13,480.00	TD	TD	TD
Kelapa / Coconut	1,991.80	1,980.57	493.48	343.91	329.08
Koko / Cocoa	8.20	8.20	2.00	2.00	0.00
Sayur-sayuran / Vegetables	600.55	601.06	690.62	712.33	715.42
Tanaman Kontan / Cash Crops	164.00	165.30	149.62	114.60	175.96
Tanaman Rempah / Spice Crops	179.95	229.53	97.02	136.24	138.26
Tebu / Sugar Cane	34.50	42.15	45.00	44.60	42.93
Lain-Lain / Others	35.70	38.03	11.45	9.00	1.03
<b>JUMLAH / TOTAL</b>	<b>46,584.03</b>	<b>46,870.88</b>	<b>19,569.33</b>	<b>18,960.80</b>	<b>18,900.39</b>

**Sumber / Source :**

Jabatan Pertanian Negeri Pulau Pinang / Department of Agriculture, Penang

Nota : TD - Tidak Diperoleh / Note : TD - Not Available  
Tiada Data Terkini Daripada Sumber / No Recent Data Available

## KELUASAN TANAMAN (HEKTAR) MENGIKUT JENIS DAN DAERAH, PULAU PINANG 2012-2016

AREA (HECTARE) OF PLANTED CROPS BY TYPE AND DISTRICT, PENANG 2012-2016

DAERAH / DISTRICT	TAHUN / YEAR	JENIS TANAMAN / CROPS TYPE			
		INDUSTRI / INDUSTRY	KONTAN / CASH	REMPAH / SPICE	LAIN-LAIN / OTHERS
TIMUR LAUT / NORTH EAST	2012	197.20	1.00	3.40	0.00
	2013	197.20	1.00	1.90	0.00
	2014	TD	1.00	2.00	TD
	2015	TD	1.00	0.00	0.00
	2016	TD	1.00	0.00	0.00
BARAT DAYA / SOUTH WEST	2012	1,167.85	32.90	104.90	10.00
	2013	1,370.88	25.50	144.83	15.83
	2014	TD	0.00	28.22	10.45
	2015	TD	0.00	73.14	5.00
	2016	TD	11.00	49.30	0.00
SEBERANG PERAI UTARA / NORTHERN SEBERANG PERAI	2012	6,635.18	22.00	12.90	11.20
	2013	6,647.99	21.00	38.70	11.20
	2014	TD	29.30	20.00	1.00
	2015	TD	33.50	14.70	4.00
	2016	TD	37.50	28.30	1.00
SEBERANG PERAI TENGAH / CENTRAL SEBERANG PERAI	2012	5,437.82	72.60	43.00	5.00
	2013	5,294.57	60.00	28.90	5.00
	2014	TD	58.00	32.00	0.00
	2015	TD	58.00	32.50	0.00
	2016	TD	73.07	39.81	0.03
SEBERANG PERAI SELATAN / SOUTHERN SEBERANG PERAI	2012	10,942.36	70.00	6.90	6.00
	2013	10,807.00	57.80	12.20	6.00
	2014	TD	61.32	14.80	0.00
	2015	TD	22.10	15.90	0.00
	2016	TD	93.92	21.45	0.00

**Sumber / Source :**

Jabatan Pertanian Negeri Pulau Pinang / Department of Agriculture, Penang

**Nota : TD - Tidak Diperoleh / Note : TD - Not Available**  
**Tiada Data Terkini Daripada Sumber / No Recent Data Available**



**PENGELUARAN HASIL TANAMAN  
('000 TAN METRIK), PULAU PINANG 2012-2016**  
**AGRICULTURAL PRODUCTION ('000 METRIC TONNES), PENANG 2012-2016**

TANAMAN / CROPS	TAHUN / YEAR				
	2012	2013	2014	2015	2016
Padi / Paddy	142.76	144.44	148.17	149.80	148.29
Buah-buahan / Fruits	92.59	67.95	85.86	91.02	98.57
Getah / Rubber	TD	TD	TD	TD	TD
Kelapa Sawit / Oil Palm	TD	TD	TD	TD	TD
Sayur-sayuran / Vegetables	33.84	50.72	42.42	43.91	44.00
Lain-lain / Others	5.90	5.30	5.58	2.94	6.48
JUMLAH / TOTAL	275.09	268.41	282.03	287.67	297.34

**UNJURAN PENGELUARAN HASIL TANAMAN ('000 TAN METRIK), PULAU PINANG 2010-2020**  
**PROJECTION OF AGRICULTURAL PRODUCTION ('000 METRIC TONNES), PENANG 2010-2020**

TANAMAN / CROPS	TAHUN / YEAR										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Padi / Paddy	165.00	171.50	179.07	186.50	194.00	209.10	221.60	234.00	241.40	246.30	252.40
Buah-buahan / Fruits	26.50	29.90	33.30	36.60	39.80	43.10	46.40	49.70	52.90	56.20	59.50
Getah / Rubber	8.30	8.30	8.30	8.50	8.50	8.70	8.70	8.70	8.80	8.80	8.90
Kelapa Sawit / Oil Palm	398.60	80.00	80.00	90.00	90.00	100.00	100.00	90.00	110.00	110.00	120.00
Kelapa / Coconut	16.20	16.60	17.10	17.90	18.60	19.70	20.30	21.10	22.20	22.60	23.00
Sayur-sayuran / Vegetables	33.20	34.68	35.10	35.90	37.60	38.70	39.10	39.50	40.10	40.80	41.40
JUMLAH / TOTAL	647.80	340.98	352.87	375.40	388.50	419.30	436.10	443.00	475.40	484.70	505.20

**Sumber / Source :**  
Jabatan Pertanian Negeri Pulau Pinang / Department of Agriculture, Penang

**Nota : TD - Tidak Diperoleh / Note : TD - Not Available**  
**Tiada Data Terkini Daripada Sumber / No Recent Data Available**

## PENDARATAN IKAN LAUT MENGIKUT JENIS, PULAU PINANG 2012-2016 FISH LANDED BY TYPE, PENANG 2012-2016

TAHUN / YEAR	TAN METRIK / NILAI (RM) / METRIC TONNES / VALUE (RM)	JENIS / TYPE			JUMLAH / TOTAL
		IKAN / FISH	UDANG / PRAWN	IKAN BAJA / TRASH FISH	
2012	TAN METRIK / METRIC TONNES NILAI (RM) / VALUE (RM)	28,180 202,437,421.2	9,391.26 199,418,779.1	14,914.17 6,622,443.07	52,485.43 408,478,643.37
2013	TAN METRIK / METRIC TONNES NILAI (RM) / VALUE (RM)	31,288.24 224,439,768	10,245.31 219,256,295.00	16,667.16 6,276,582.00	58,200.71 449,972,645.00
2014	TAN METRIK / METRIC TONNES NILAI (RM) / VALUE (RM)	26,002.29 186,083,659.6	10,146.08 271,575,017.47	9,731.94 5,472,459.47	45,880.31 463,131,136.54
2015	TAN METRIK / METRIC TONNES NILAI (RM) / VALUE (RM)	29,296.95 207,582,686.60	9,260.95 266,703,586.38	11,224.85 7,971,198.38	49,782.75 482,257,471.36
2016	TAN METRIK / METRIC TONNES NILAI (RM) / VALUE (RM)	33,196.57 366,437,407.92	9,521.99 339,750,841.81	11,906.26 13,391,539.32	54,624.82 719,579,789.05

## HASIL PERIKANAN MENGIKUT DAERAH (RM), PULAU PINANG 2012-2016 FISHERIES REVENUE BY DISTRICT (RM), PENANG 2012-2016

DAERAH / DISTRICT	2012		2013		2014		2015		2016	
	NEGERI / STATE	PERSE- KUTUAN / FEDERAL								
TIMUR LAUT	29,880.00	339.20	19,655.00	162.40	19,720.00	502.60	30,650.00	390.60	24,341.00	252.00
BARAT DAYA	35,049.00	268.00	19,068.00	736.40	30,162.00	617.40	35,186.00	303.80	30,343.00	43.40
SEBERANG PERAI UTARA							12,035.00	0.00	1,474.00	0.00
SEBERANG PERAI TENGAH	25,356.00	293.20	4,258.00	0.00	15,349.00	0.00	5,901.00	0.00	5,797.00	0.00
SEBERANG PERAI SELATAN	55,090.00	0.00	33,496.00	0.00	37,695.00	0.00	43,547.00	0.00	34,010.00	0.00
PEJABAT PERIKANAN NEGERI / STATE FISHERIES OFFICE	0.00	117,550.00	0.00	30,350.00	0.00	29,700.00	0.00	105,780.00	0.00	13,244.00
JUMLAH / TOTAL	145,375.00	118,450.40	76,477.00	31,248.80	102,926.00	30,820.00	127,319.00	106,474.40	95,965.00	13,539.40

Sumber / Source :  
Jabatan Perikanan Pulau Pinang / Department of Fisheries, Penang



**PERANGKAAN AKUAKULTUR, PULAU PINANG 2012-2016**  
**AQUACULTURE STATISTICS, PENANG 2012-2016**

	<b>KOLAM / POND</b>					
	<b>AIR TAWAR / FRESHWATER</b>			<b>AIR PAYAU / BRACKISH WATER</b>		
	<b>BILANGAN / NO.</b>	<b>LUAS (ha) / AREA (ha)</b>	<b>PENTERNAK / AQUACULTURIST</b>	<b>BILANGAN / NO.</b>	<b>LUAS (ha) / AREA (ha)</b>	<b>PENTERNAK / AQUACULTURIST</b>
<b>2012</b>	232	47.9	64	1,163	402.61	72
<b>2013</b>	329	30.532	59	499	395.42	55
<b>2014</b>	269	46.24	59	789	536.63	127
<b>2015</b>	269	46.24	59	788	536.63	127
<b>2016</b>	240	46.24	66	788	536.63	127

Sumber / Source :

Jabatan Perikanan Pulau Pinang / Department of Fisheries, Penang



**ANGGARAN PENGETAHUAN, NILAI BORONG DAN  
RUNCIT IKAN AKUARIUM, PULAU PINANG 2012-2016**  
*ESTIMATION OF PRODUCTION, WHOLESALE AND RETAIL  
VALUES OF AQUARIUM FISH, PENANG 2012-2016*



Sumber / Source :  
Jabatan Perikanan Pulau Pinang / Department of Fisheries, Penang



**PENGELUARAN DAN NILAI HASIL TERNAKAN, PULAU PINANG 2012-2016**  
**LIVESTOCK PRODUCTION AND VALUE, PENANG 2012-2016**

KOMODITI / COMMODITY	2012	2013	2014	2015	2016
<b>DAGING / MEAT</b>	<b>RM JUTA / TAN METRIK / RM MILLION / METRIC TONES</b>				
<b>LEMBU, KERBAU / COW, BUFFALO</b>	RM JUTA / RM MILLION TAN METRIK / METRIC TONES	24.93 1,662.19	26.40 1,648.63	45.44 4,327.96	40.37 3,218.38
<b>KAMBING, BEBIRI / GOAT, SHEEP</b>	RM JUTA / RM MILLION TAN METRIK / METRIC TONES	2.71 108.49	5.12 196.94	4.63 257.03	4.90 222.56
<b>KHINZIR / PIG</b>	RM JUTA / RM MILLION TAN METRIK / METRIC TONES	219.06 24,339.70	226.49 31,457.94	280.80 33,439.58	268.41 31,577.51
<b>AYAM, ITIK / CHICKEN, DUCK</b>	RM JUTA / RM MILLION TAN METRIK / METRIC TONES	402.44 79,073.84	394.05 75,693.24	394.97 71,166.30	415.13 69,296.02
<b>TELUR / EGG</b>	<b>RM JUTA / BIJI / RM MILLION / NO</b>				
<b>AYAM, ITIK / CHICKEN, DUCK</b>	RM JUTA / RM MILLION BIJI / NO	119.46 351,336,190	95.02 310,945,640	113.36 335,569,300	95.13 312,296,100
<b>SUSU / MILK</b>	<b>RM JUTA / LITER / RM MILLION / LITRE</b>				
<b>SUSU SEGAR / FRESH MILK</b>	RM JUTA / RM MILLION LITER / LITRE	0.91 455,440	3.62 723,400	4.90 891,672	4.02 767,721
<b>JUMLAH / TOTAL</b>	769.51 /	750.70 /	844.10 /	827.96 /	842.55 /

**Sumber / Source :**

Jabatan Perkhidmatan Veterinar Negeri Pulau Pinang / Department of Veterinary Services, Penang

## PENTERNAK TERNAKAN MENGIKUT JENIS, PULAU PINANG 2012-2016 LIVESTOCK FARMER BY TYPE, PENANG 2012-2016

JENIS TERNAKAN / LIVESTOCK TYPE	TAHUN / YEAR				
	2012	2013	2014	2015	2016
Lembu / Cow	458	843	870	803	485
Kerbau / Buffalo	38	40	43	43	44
Kambing / Goat	329	356	436	372	345
Bebiri / Sheep	56	71	69	66	64
Khinzir / Pig	208	203	188	189	183
Ayam / Chicken	352	364	380	386	334
Puyuh / Quail	10	14	10	11	13
Itik / Duck	56	49	53	52	38
JUMLAH / TOTAL	1,507	1,940	2,049	1,922	1,506

Sumber / Source :  
Jabatan Perkhidmatan Veterinari Negeri Pulau Pinang / Department of Veterinary Services, Penang



**POPULASI TERNAKAN MENGIKUT JENIS, PULAU PINANG 2012-2016**  
**LIVESTOCK POPULATION BY TYPE, PENANG 2012-2016**

JENIS TERNAKAN / LIVESTOCK TYPE	TAHUN / YEAR				
	2012	2013	2014	2015	2016
Lembu / Cow	22,653	14,320	14,777	13,636	11,689
Kerbau / Buffalo	325	560	566	601	592
Kambing / Goat	10,561	12,413	11,005	8,854	8,779
Bebiri / Sheep	1,576	1,766	1,540	1,880	1,628
Khinzir / Pig	319,502	330,840	311,791	294,429	285,755
Ayam / Chicken	12,156,485	11,989,285	12,399,222	12,475,540	12,539,480
Itik / Duck	2,139,561	483,003	485,033	485,058	460,510
Puyuh / Quail	134,650	166,950	137,750	153,750	154,250
JUMLAH / TOTAL	14,785,313	12,999,137	13,361,684	13,433,748	13,462,683

Sumber / Source :  
 Jabatan Perkhidmatan Veterinar Negeri Pulau Pinang / Department of Veterinary Services, Penang

## **UNJURAN PENGETAHUAN SEKTOR TERNAKAN, PULAU PINANG 2016-2025**

**PROJECTION OF LIVESTOCK PRODUCTION, PENANG 2016-2025**

<b>KOMODITI / COMMODITY</b>	<b>RM/Ke -11 / 11<sup>TH</sup> MALAYSIA PLAN</b>					<b>Purata Kadar Pertumbuhan (2016 -2020)</b>	<b>RM/Ke -12 / 12<sup>TH</sup> MALAYSIA PLAN</b>		<b>Purata Kadar Pertumbuhan (2021 – 2025)</b>
	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>		<b>2021</b>	<b>2025</b>	
Daging Lembu, Kerbau ('000 Tan Metrik) / Beef, Buffalo Meat ('000 Metric Tonnes)	2.79	2.85	2.90	2.96	3.02	2.90 (+2%)	3.08	3.33	3.20 (+2%)
Daging Kambing, Bebiri ('000 Tan Metrik) / Mutton, Lamb ('000 Metric Tonnes)	0.02	0.02	0.02	0.02	0.02	0.02 (+2%)	0.02	0.02	0.02 (+2%)
Daging Khinzir ('000 Tan Metrik) / Pork ('000 Metric Tonnes)	30.65	30.96	31.27	31.58	31.89	31.27 (+1%)	32.21	33.52	32.86 (+1%)
Daging Ayam, Itik ('000 Tan Metrik) / Chicken, Duck Meat ('000 Metric Tonnes)	69.81	71.21	72.63	74.08	75.56	72.66 (+2%)	77.08	83.43	80.22 (+2%)
Telur Ayam / Itik (Juta Bijil) / Chicken / Duck Eggs (Million)	309.71	315.9	322.22	328.67	335.24	322.35 (+2%)	341.94	370.13	355.90 (+2%)
Susu Segar (Juta Liter) / Fresh Milk (Million Litre)	0.69	0.70	0.71	0.72	0.73	0.71 (+1%)	0.74	0.78	0.76 (+1%)

**Sumber / Source :**

Jabatan Perkhidmatan Veterinar Negeri Pulau Pinang / Department of Veterinary Services, Penang

**KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGETAHUAN  
PADI SAWAH MENGIKUT NEGERI DAN MUSIM, MALAYSIA, 2013**  
**PLANTED AREA, AVERAGE YIELD OF CLEANED PADDY AND PRODUCTION OF WETLAND  
PADDY BY STATE AND SEASON, MALAYSIA, 2013**

NEGERI / STATE	SEMUA MUSIM 2013 ALL SEASON 2013			MUSIM UTAMA 2012/2013 MAIN SEASON 2012/2013			LUAR MUSIM 2013 OFF SEASON 2013		
	Keluasan Bertanam (hektar) / Planted Area (Hectare)	Purata Hasil Sehektar (kg) / Average yield per hectare (kg)	Pengeluaran Padi (tan metrik) / Paddy production (Metric Tonne)	Keluasan Bertanam (hektar) / Planted Area (Hectare)	Purata Hasil Sehektar (kg) / Average yield per hectare (kg)	Pengeluaran Padi (tan metrik) / Paddy production (Metric Tonne)	Keluasan Bertanam (hektar) / Planted Area (Hectare)	Purata Hasil Sehektar (kg) / Average yield per hectare (kg)	Pengeluaran Padi (tan metrik) / Paddy production (Metric Tonne)
MALAYSIA	606,846	4,211	2,555,132	359,870	3,835	1,380,132	246,976	4,758	1,175,000
JOHOR	2,960	4,527	13,400	1,525	3,955	6,031	1,435	5,135	7,369
KEDAH	210,327	4,228	889,167	104,205	3,669	382,328	106,122	4,776	506,839
KELANTAN	56,280	3,825	215,255	40,746	3,833	156,179	15,534	3,803	59,076
MELAKA	2,783	3,578	9,957	1,424	4,048	5,764	1,359	3,085	4,193
NEGERI SEMBILAN	1,986	4,242	8,425	1,062	4,426	4,700	924	4,031	3,725
PAHANG	10,357	3,039	31,471	5,955	2,688	16,007	4,402	3,513	15,464
PERAK	81,636	4,411	360,135	41,030	4,312	176,921	40,606	4,512	183,214
PERLIS	52,085	4,828	251,449	26,031	4,459	116,072	26,054	5,196	135,377
PULAU PINANG	25,564	5,677	145,127	12,782	5,582	71,349	12,782	5,772	73,778
SABAH	33,317	3,175	105,769	22,809	3,338	76,136	10,508	2,820	29,633
SARAWAK	72,439	2,846	206,157	72,015	2,844	204,811	424	3,175	1,346
SELANGOR	37,833	6,280	237,594	18,899	6,198	117,136	18,934	6,362	120,458
TERENGGANU	19,279	4,213	81,226	11,387	4,101	46,698	7,892	4,375	34,528

**Sumber / Source :**  
Jabatan Pertanian Negeri Pulau Pinang / Department of Agriculture, Penang

## KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGETUARAN PADI SAWAH MENGIKUT NEGERI DAN MUSIM, MALAYSIA, 2014

PLANTED AREA, AVERAGE YIELD OF CLEANED PADDY AND PRODUCTION OF WETLAND  
PADDY BY STATE AND SEASON, MALAYSIA, 2014

NEGERI / STATE	SEMUA MUSIM 2014 ALL SEASON 2014			MUSIM UTAMA 2013/2014 MAIN SEASON 2013/2014			LUAR MUSIM 2014 OFF SEASON 2014		
	Keluasan Bertanam (hektar) / Planted Area (Hectare)	Purata Hasil Sehektar (kg) / Average yield per hectare (kg)	Pengeluaran Padi (tan metrik) / Paddy production (Metric Tonne)	Keluasan Bertanam (hektar) / Planted Area (Hectare)	Purata Hasil Sehektar (kg) / Average yield per hectare (kg)	Pengeluaran Padi (tan metrik) / Paddy production (Metric Tonne)	Keluasan Bertanam (hektar) / Planted Area (Hectare)	Purata Hasil Sehektar (kg) / Average yield per hectare (kg)	Pengeluaran Padi (tan metrik) / Paddy production (Metric Tonne)
MALAYSIA	615,670	4,521	2,783,742	352,717	4,297	1,515,578	262,953	4,523	1,268,164
JOHOR	2,976	4,321	12,859	1,555	4,493	6,987	1,421	4,132	5,872
KEDAH	212,401	4,878	1,036,180	106,329	4,809	511,336	106,072	4,948	524,844
KELANTAN	69,412	4,035	280,076	39,546	3,967	156,879	29,866	4,125	123,197
MELAKA	2,608	3,271	8,530	1,238	3,577	4,428	1,370	2,994	4,102
NEGERI SEMBILAN	2,070	4,510	9,335	1,160	4,554	5,283	910	4,453	4,052
PAHANG	11,872	2,973	35,296	7,343	2,756	20,237	4,529	3,325	15,059
PERAK	81,503	4,330	352,930	40,961	4,383	179,532	40,542	4,277	173,398
PERLIS	52,088	5,116	266,506	26,059	5,058	131,806	26,029	5,175	134,700
PULAU PINANG	25,564	5,872	150,112	12,782	5,692	72,755	12,782	6,052	77,357
SABAH	34,927	3,502	122,316	22,199	3,512	77,969	12,728	3,484	44,347
SARAWAK	66,362	2,844	188,748	60,077	2,848	188,187	285	1,971	561
SELANGOR	37,842	6,403	242,320	18,925	6,247	118,224	18,917	6,560	124,096
TERENGGANU	16,045	4,895	78,535	8,543	4,911	41,955	7,502	4,876	36,580

**Sumber / Source :**  
Jabatan Pertanian Negeri Pulau Pinang / Department of Agriculture, Penang



**KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGETAHUAN  
KESELURUHAN PADI SAWAH & PADI HUMA MENGIKUT  
NEGERI & MUSIM, MALAYSIA, 2015**

**PLANTED AREAS, AVERAGE YIELD OF CLEAN PADDY & OVERALL PADDY PRODUCTION  
(WETLAND PADDY & DRY LAND PADDY) BY STATE & SEASON, MALAYSIA, 2015**

<b>NEGERI / STATE</b>	<b>SEMUA MUSIM 2015 ALL SEASON 2015</b>			<b>MUSIM UTAMA 2014/2015 MAIN SEASON 2014/2015</b>			<b>LUAR MUSIM 2015 OFF SEASON 2015</b>		
	<b>Keluasan Bertanam (hektar) / Planted Area (Hectare)</b>	<b>Purata Hasil Sehektar (kg) / Average yield per hectare (kg)</b>	<b>Pengeluaran Padi (tan metrik) / Paddy production (Metric Tonne)</b>	<b>Keluasan Bertanam (hektar) / Planted Area (Hectare)</b>	<b>Purata Hasil Sehektar (kg) / Average yield per hectare (kg)</b>	<b>Pengeluaran Padi (tan metrik) / Paddy production (Metric Tonne)</b>	<b>Keluasan Bertanam (hektar) / Planted Area (Hectare)</b>	<b>Purata Hasil Sehektar (kg) / Average yield per hectare (kg)</b>	<b>Pengeluaran Padi (tan metrik) / Paddy production (Metric Tonne)</b>
<b>MALAYSIA</b>	<b>681,341</b>	<b>3,997</b>	<b>2,723,197</b>	<b>415,627</b>	<b>3,546</b>	<b>1,473,679</b>	<b>265,714</b>	<b>4,702</b>	<b>1,249,518</b>
JOHOR	3,010	4,030	12,130	1,540	3,926	6,046	1,470	4,139	6,048
KEDAH	215,065	4,440	954,974	107,276	4,063	435,862	107,789	4,816	519,112
KELANTAN	72,389	4,081	295,402	39,999	3,985	159,396	32,390	4,199	136,006
MELAKA	2,734	3,659	10,004	1,353	4,026	5,447	1,381	3,300	4,557
NEGERI SEMBILAN	2,017	4,239	8,550	1,100	4,143	4,557	917	4,354	3,993
PAHANG	12,410	3,094	38,393	7,453	3,706	27,621	4,957	2,173	10,772
PERAK	81,714	4,201	343,283	40,822	4,170	170,228	40,892	4,232	173,055
PERLIS	52,072	4,747	247,190	26,029	4,468	116,298	26,043	5,026	130,892
PULAU PINANG	25,564	5,866	149,971	12,782	5,774	73,803	12,782	5,959	76,168
SABAH	38,687	3,091	119,571	28,239	3,086	87,142	10,448	3,104	32,429
SARAWAK	121,446	1,853	225,079	121,139	1,854	224,573	307	1,646	506
SELANGOR	38,114	6,305	240,290	19,057	6,117	116,572	19,057	6,492	123,718
TERENGGANU	16,119	4,861	78,360	8,838	5,220	46,134	7,281	4,426	32,226

**Sumber / Source :**

Jabatan Pertanian Negeri Pulau Pinang / Department of Agriculture, Penang

## **KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGETAHUAN KESELURUHAN PADI SAWAH & PADI HUMA MENGIKUT NEGERI & MUSIM, MALAYSIA, 2016**

**PLANTED AREAS, AVERAGE YIELD OF CLEAN PADDY & OVERALL PADDY PRODUCTION  
(WETLAND PADDY & DRY LAND PADDY) BY STATE & SEASON, MALAYSIA, 2016**

<b>NEGERI / STATE</b>	<b>SEMUA MUSIM 2016 ALL SEASON 2016</b>			<b>MUSIM UTAMA 2015/2016 MAIN SEASON 2015/2016</b>			<b>LUAR MUSIM 2016 OFF SEASON 2016</b>		
	<b>Keluasan Bertanam (hektar) / Planted Area (Hectare)</b>	<b>Purata Hasil Sehektar (kg) / Average yield per hectare (kg)</b>	<b>Pengeluaran Padi (tan metrik) / Paddy production (Metric Tonne)</b>	<b>Keluasan Bertanam (hektar) / Planted Area (Hectare)</b>	<b>Purata Hasil Sehektar (kg) / Average yield per hectare (kg)</b>	<b>Pengeluaran Padi (tan metrik) / Paddy production (Metric Tonne)</b>	<b>Keluasan Bertanam (hektar) / Planted Area (Hectare)</b>	<b>Purata Hasil Sehektar (kg) / Average yield per hectare (kg)</b>	<b>Pengeluaran Padi (tan metrik) / Paddy production (Metric Tonne)</b>
<b>MALAYSIA</b>	<b>690,889</b>	<b>3,963</b>	<b>2,737,963</b>	<b>426,088</b>	<b>3,656</b>	<b>1,557,887</b>	<b>264,801</b>	<b>4,422</b>	<b>1,170,889</b>
JOHOR	2,581	4,182	10,794	1,537	4,073	6,260	1,044	4,343	4,534
KEDAH	214,706	4,698	1,008,748	107,995	4,661	503,365	106,711	4,736	505,383
KELANTAN	74,397	4,228	314,570	41,388	4,124	170,684	33,009	4,359	143,886
MELAKA	3,553	3,875	13,768	1,776	4,225	7,504	1,777	3,525	6,264
NEGERI SEMBILAN	1,705	4,445	7,578	1,111	4,527	5,029	594	4,292	2,549
PAHANG	12,369	2,306	28,523	7,640	2,504	19,131	4,729	1,986	9,392
PERAK	81,143	3,706	300,699	40,537	3,955	160,324	40,606	3,457	140,375
PERLIS	51,465	4,702	241,977	25,778	5,147	132,679	25,687	4,255	109,298
PULAU PINANG	25,564	5,801	148,297	12,782	5,827	74,481	12,782	5,775	73,816
SABAH	44,201	2,814	124,395	33,088	2,604	86,157	11,113	3,441	38,238
SARAWAK	124,210	1,958	243,252	123,919	1,884	233,480	291	2,008	585
SELANGOR	38,114	5,825	222,033	19,057	6,096	116,171	19,057	5,555	105,862
TERENGGANU	16,881	4,344	73,329	9,480	4,496	42,622	7,401	4,149	30,707

**Sumber / Source :**  
Jabatan Pertanian Negeri Pulau Pinang / Department of Agriculture, Penang



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Photo by: Malay Mail Online

## PENDIDIKAN EDUCATION

## **BILANGAN SEKOLAH MENGIKUT DAERAH, PULAU PINANG SEHINGGA 2016**

**NUMBER OF SCHOOLS BY DISTRICT, PENANG UNTIL 2016**

<b>JENIS / TYPE</b>	<b>DAERAH / DISTRICT</b>					<b>JUMLAH / TOTAL</b>
	<b>TIMUR LAUT / NORTH EAST</b>	<b>BARAT DAYA / SOUTH WEST</b>	<b>SEBERANG PERAI UTARA / NORTHERN SEBERANG PERAI</b>	<b>SEBERANG PERAI TENGAH / CENTRAL SEBERANG PERAI</b>	<b>SEBERANG PERAI SELATAN / SOUTHERN SEBERANG PERAI</b>	
<b>Sekolah Kebangsaan / National Schools</b>	<b>13</b>	<b>21</b>	<b>38</b>	<b>28</b>	<b>20</b>	<b>120</b>
<b>Sekolah Rendah Kebangsaan / National Primary Schools</b>	<b>17</b>	<b>2</b>	<b>5</b>	<b>4</b>	<b>1</b>	<b>29</b>
<b>Sekolah Rendah Jenis Kebangsaan Cina / Chinese National-Type Primary Schools</b>	<b>37</b>	<b>14</b>	<b>16</b>	<b>16</b>	<b>7</b>	<b>90</b>
<b>Sekolah Rendah Jenis Kebangsaan Tamil / Tamil National-Type Primary Schools</b>	<b>5</b>	<b>2</b>	<b>4</b>	<b>6</b>	<b>11</b>	<b>28</b>
<b>Sekolah Rendah Pendidikan Khas / Special Education Primary Schools</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>
<b>Sekolah Agama Bantuan Kerajaan (SABK) Rendah / Government Assisted Religious Schools (SABK) Primary</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>
<b>Sekolah Menengah / Secondary Schools</b>	<b>31</b>	<b>11</b>	<b>22</b>	<b>24</b>	<b>14</b>	<b>102</b>
<b>Sekolah Menengah Vokasional / Vocational Secondary Schools</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Sekolah Menengah Teknik / Technique Secondary Schools</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
<b>Sekolah Menengah Kebangsaan Agama / Religious National Secondary Schools</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>4</b>
<b>Sekolah Menengah Pendidikan Khas / Special Education Secondary Schools</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
<b>Sekolah Menengah Berasrama Penuh</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>
<b>Sekolah Model Khas (SR + SM) / Special Model Schools</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
<b>Sekolah Agama Bantuan Kerajaan (SABK) Menengah / Government Assisted Religious Schools (SABK) Secondary</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>5</b>	<b>0</b>	<b>11</b>
<b>Kolej Vokasional / Vocational Colleges</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>5</b>
<b>Sekolah Antarabangsa / International Schools</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>9</b>
<b>Sekolah Rendah Swasta / Persendirian / Private / International Primary Schools</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4</b>
<b>Sekolah Menengah Swasta / Persendirian / Private / International Secondary Schools</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>9</b>
<b>Sekolah Ekspatriat / Expatriate Schools</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>

**Sumber / Source :**  
Jabatan Pendidikan Negeri Pulau Pinang / State Education Department

**ENROLMENT PELAJAR SEKOLAH RENDAH  
DAN MENENGAH PULAU PINANG 2012-2016**  
**ENROLLMENT OF STUDENTS FOR PRIMARY AND  
SECONDARY SCHOOL IN PENANG 2012-2016**



JENIS SEKOLAH (R) / TYPE OF SCHOOL (R)	TAHUN / YEAR				
	2012	2013	2014	2015	2016
Sekolah Kebangsaan / National Schools	74,678	73,718	73,130	72,611	72,918
Sekolah Rendah Kebangsaan / National Primary Schools	13,834	13,241	12,914	12,583	12,306
Sekolah Rendah Jenis Kebangsaan Cina / Chinese National-Type Primary Schools	52,850	50,197	49,632	48,731	47,751
Sekolah Rendah Jenis Kebangsaan Tamil / Tamil National-Type Primary Schools	6,568	6,325	6,024	5,923	5,864
Sekolah Rendah Pendidikan Khas / Special Education Primary Schools	142	140	124	123	121
Sekolah Agama Bantuan Kerajaan (SABK) Rendah / Government Assisted Religious Schools (SABK) Primary	437	423	422	420	409
JUMLAH / TOTAL	148,509	144,044	142,246	140,391	139,369
JENIS SEKOLAH (M) / TYPE OF SCHOOL (M)	TAHUN / YEAR				
	2012	2013	2014	2015	2016
Sekolah Menengah / Secondary Schools	110,839	111,416	107,731	103,490	100,189
Sekolah Menengah Vokasional / Vocational Secondary Schools	2,744	1,963	214	-	-
Sekolah Menengah Teknik / Technique Secondary Schools	559	571	621	599	586
Sekolah Menengah Kebangsaan Agama / Religious National Secondary Schools	2,655	2,591	2,678	2,607	2,607
Sekolah Menengah Pendidikan Khas / Special Education Secondary Schools	149	116	133	133	134
Sekolah Menengah Berasrama Penuh	1,410	1,424	1,365	1,310	1,272
Sekolah Model Khas (SR + SM) / Special Model School (Primary + Secondary)	1,176	1,174	1,093	1,038	1,027
Sekolah Agama Bantuan Kerajaan (SABK) Menengah / Government Assisted Religious Schools (SABK) Secondary	2,669	2,896	3,099	3,224	3,340
Kolej Vokasional / Vocational Colleges	0	374	1,886	2,692	3,329
JUMLAH / TOTAL	122,201	122,525	118,820	115,093	112,484
JUMLAH KESELURUHAN / OVERALL TOTAL	270,710	266,569	261,066	255,484	251,853

**Nota / Note :** R-Sekolah Rendah / R-Primary School  
M-Sekolah Menengah / M-Secondary School

**Sumber / Source :**  
Jabatan Pendidikan Negeri Pulau Pinang /  
State Education Department

## **BILANGAN GURU DI SEKOLAH RENDAH DAN MENENGAH MENGIKUT DAERAH, PULAU PINANG 2012-2016**

**NUMBER OF TEACHERS IN PRIMARY AND SECONDARY  
SCHOOLS BY DISTRICT, PENANG 2012-2016**

DAERAH / DISTRICT	TAHUN / YEAR											
	2012		2013		2014		2015		2016		R	M
	R	M	R	M	R	M	R	M	R	M		
TIMUR LAUT / NORTH EAST	2,537	2,868	2,550	2,968	2,506	2,946	2,521	2,917	2,550	2,875		
BARAT DAYA / SOUTH WEST	1,518	811	1,531	856	1,523	890	1,507	903	1,553	937		
SEBERANG PERAI UTARA / NORTHERN SEBERANG PERAI	2,603	2,131	2,620	2,186	2,630	2,224	2,634	2,228	2,665	2,246		
SEBERANG PERAI TENGAH / CENTRAL SEBERANG PERAI	2,756	2,276	2,767	2,333	2,749	2,312	2,733	2,328	2,747	2,333		
SEBERANG PERAI SELATAN / SOUTHERN SEBERANG PERAI	1,497	1,135	1,496	1,196	1,498	1,201	1,490	1,193	1,492	1,238		
JUMLAH / TOTAL	10,911	9,221	10,964	9,539	10,906	9,573	10,885	9,569	11,007	9,629		

**Nota / Note :** R-Sekolah Rendah / R-Primary School  
M-Sekolah Menengah / M-Secondary School

**Sumber / Source :**  
Jabatan Pendidikan Negeri Pulau Pinang /  
State Education Department



**BILANGAN SEKOLAH AGAMA RAKYAT RENDAH DAN MENENGAH  
MENGIKUT DAERAH, PULAU PINANG 2012-2017**  
*NUMBER OF PRIMARY AND SECONDARY ISLAMIC RELIGIOUS  
SCHOOLS BY DISTRICT, PENANG 2012-2017*

DAERAH / DISTRICT	TAHUN / YEAR													
	2012		2013		2014		2015		2016		2017			
	R	M	R	M	R	M	R	M	R	M	R	M	R	M
TIMUR LAUT / NORTH EAST	12	0	12	0	11	0	11	0	11	0	9	0		
BARAT DAYA / SOUTH WEST	18	0	18	0	19	1	19	1	20	1	20	1		
SEBERANG PERAI UTARA (BUTTERWORTH) / NORTHERN SEBERANG PERAI (BUTTERWORTH)	17	0	17	0	17	0	17	0	17	0	17	0		
SEBERANG PERAI UTARA (KEPALA BATAS) / NORTHERN SEBERANG PERAI (KEPALA BATAS)	30	0	30	0	30	0	30	0	30	0	30	1		
SEBERANG PERAI TENGAH / CENTRAL SEBERANG PERAI	23	3	24	3	25	3	25	3	25	3	24	3		
SEBERANG PERAI SELATAN / SOUTHERN SEBERANG PERAI	12	4	14	4	14	3	14	3	14	3	14	4		
JUMLAH / TOTAL	112	7	115	7	116	7	116	7	117	7	114	9		

**Nota / Note :** R-Sekolah Rendah / R-Primary School  
M-Sekolah Menengah / M-Secondary School

**Sumber / Source :**  
Jabatan Hal Ehwal Agama Islam Pulau Pinang /  
Department of Islamic Religious Affairs, Penang

**BILANGAN PELAJAR SEKOLAH AGAMA RAKYAT RENDAH DAN  
MENENGAH MENGIKUT DAERAH, PULAU PINANG 2012-2017**  
**NUMBER OF STUDENTS IN PRIMARY AND SECONDARY ISLAMIC  
RELIGIOUS SCHOOLS BY DISTRICT, PENANG 2012-2017**

DAERAH / DISTRICT	TAHUN / YEAR											
	2012		2013		2014		2015		2016		2017	
	R	M	R	M	R	M	R	M	R	M	R	M
TIMUR LAUT / NORTH EAST	1,982	0	2,003	0	1,891	0	2,289	0	2,318	0	2,366	0
BARAT DAYA / SOUTH WEST	3,045	0	3,069	0	3,232	78	3,330	91	3,816	67	3,691	57
SEBERANG PERAI UTARA (BUTTERWORTH) / NORTHERN SEBERANG PERAI (BUTTERWORTH)	2,274	0	2,254	0	2,274	0	2,330	0	2,292	0	2,250	0
SEBERANG PERAI UTARA (KEPALA BATAS) / NORTHERN SEBERANG PERAI (KEPALA BATAS)	5,899	0	5,968	0	6,000	0	6,438	0	6,453	0	6,274	145
SEBERANG PERAI TENGAH / CENTRAL SEBERANG PERAI	5,161	763	5,173	755	5,309	816	5,796	752	5,527	761	5,235	531
SEBERANG PERAI SELATAN / SOUTHERN SEBERANG PERAI	2,708	886	2,664	718	3,221	671	3,290	715	3,382	760	3,266	651
JUMLAH / TOTAL	21,069	1,649	21,131	1,473	21,927	1,565	23,473	1,558	23,788	1,588	23,082	1,384

Nota / Note : R-Sekolah Rendah / R-Primary School  
M-Sekolah Menengah / M-Secondary School

Sumber / Source :  
Jabatan Hal Ehwal Agama Islam Pulau Pinang /  
Department of Islamic Religious Affairs, Penang

**BILANGAN GURU SEKOLAH AGAMA RAKYAT RENDAH DAN  
MENENGAH MENGIKUT DAERAH, PULAU PINANG 2012-2017**  
**NUMBER OF TEACHERS IN PRIMARY AND SECONDARY ISLAMIC  
RELIGIOUS SCHOOLS BY DISTRICT, PENANG 2012-2017**

DAERAH / DISTRICT	TAHUN / YEAR											
	2012		2013		2014		2015		2016		2017	
	R	M	R	M	R	M	R	M	R	M	R	M
TIMUR LAUT / NORTH EAST	87	0	91	0	88	0	99	0	99	0	103	0
BARAT DAYA / SOUTH WEST	157	0	165	0	172	13	181	14	203	14	200	15
SEBERANG PERAI UTARA (BUTTERWORTH) / NORTHERN SEBERANG PERAI (BUTTERWORTH)	96	0	96	0	96	0	103	0	101	0	109	0
SEBERANG PERAI UTARA (KEPALA BATAS) / NORTHERN SEBERANG PERAI (KEPALA BATAS)	259	0	267	0	269	0	269	0	269	0	292	20
SEBERANG PERAI TENGAH / CENTRAL SEBERANG PERAI	247	58	252	60	262	63	273	67	241	68	276	74
SEBERANG PERAI SELATAN / SOUTHERN SEBERANG PERAI	120	67	125	48	136	49	141	49	145	49	156	63
JUMLAH / TOTAL	966	125	996	108	1,023	125	1,066	130	1,058	131	1,136	172

**Nota / Note :** R-Sekolah Rendah / R-Primary School  
M-Sekolah Menengah / M-Secondary School

**Sumber / Source :**  
Jabatan Hal Ehwal Agama Islam Pulau Pinang /  
Department of Islamic Religious Affairs, Penang

## BILANGAN PERPUSTAKAAN AWAM DAN JENIS MENGIKUT DAERAH, PULAU PINANG SEHINGGA 2016

NUMBER OF PUBLIC LIBRARIES AND TYPE BY DISTRICT, PENANG UNTIL 2016

JENIS / TYPE	DAERAH / DISTRICT					JUMLAH / TOTAL
	TIMUR LAUT / NORTH EAST	BARAT DAYA / SOUTH WEST	SEBERANG PERAI UTARA / NORTHERN SEBERANG PERAI	SEBERANG PERAI TENGAH / CENTRAL SEBERANG PERAI	SEBERANG PERAI SELATAN / SOUTHERN SEBERANG PERAI	
Perpustakaan Pusat / State Library	0	0	0	1	0	1
Perpustakaan Cawangan / Branch Library	1	1	1	1	1	5
Perpustakaan Desa & Komuniti Siber Ilmu / Village Library & Community Cyber Library	4	8	11	13	9	45
Perpustakaan Desa (PNM) / Village Library	1	5	15	6	6	33
Perpustakaan Bergerak / Mobile Library	3	1	4	2	1	11
Perpustakaan Pekan / Town Library	0	0	2	0	1	3
Perpustakaan Kanak-kanak / Children Library	1	0	0	0	0	1
Perpustakaan di Pusat Membeli Belah / Library in Shopping Complex	1	1	0	1	0	3
JUMLAH / TOTAL	11	16	33	24	18	102

Nota / Note : PNM - Perpustakaan Negara Malaysia

Sumber / Source :  
Perbadanan Perpustakaan Awam Pulau Pinang /  
Penang Library Corporation

**BILANGAN AHLI DAN PINJAMAN PERPUSTAKAAN  
AWAM MENGIKUT DAERAH, PULAU PINANG 2012-2016**  
**NUMBER OF PUBLIC LIBRARY MEMBERSHIPS AND BORROWING  
TRANSACTIONS BY DISTRICT, PENANG 2012-2016**

DAERAH / DISTRICT	TAHUN / YEAR									
	2012		2013		2014		2015		2016	
	A	P	A	P	A	P	A	P	A	P
TIMUR LAUT / NORTH EAST	106,061	211,686	111,326	206,597	115,840	232,763	5,033	117,802	126,371	165,832
BARAT DAYA / SOUTH WEST	62,192	147,068	67,230	138,034	69,815	133,763	2,754	118,155	75,771	117,998
SEBERANG PERAI UTARA / NORTHERN SEBERANG PERAI	77,231	184,509	86,547	173,892	94,854	120,626	7,359	146,878	109,874	205,415
SEBERANG PERAI TENGAH / CENTRAL SEBERANG PERAI	135,448	276,897	146,963	262,324	157,625	120,257	10,697	270,795	178,317	258,731
SEBERANG PERAI SELATAN / SOUTHERN SEBERANG PERAI	50,407	128,542	56,293	118,191	61,492	198,035	4,671	106,018	70,912	119,090
JUMLAH / TOTAL	431,339	948,702	468,359	899,038	499,626	805,444	30,514	759,648	561,245	867,066

Nota / Note : A=Ahli Berdaftar / Registered Members  
P=Pinjaman Awam / Borrowing Transaction

Sumber / Source : Perbadanan Perpustakaan Awam Pulau Pinang / Penang Public Library Corporation

**KOLEKSI BAHAN BACAAN PERPUSTAKAAN, PULAU PINANG 2012-2016**  
**COLLECTIONS IN PUBLIC LIBRARIES, PENANG 2012-2016**

Pusat / Cawangan / Bergerak / Main / Branch / Mobile	829,739	901,485	1,005,471	1,021,789	1,056,502
TAHUN / YEAR	2012	2013	2014	2015	2016
Desa / Village	289,661	328,945	393,274	205,359	226,676
JUMLAH / TOTAL	1,119,400	1,230,430	1,398,745	1,227,148	1,283,178

Sumber / Source : Perbadanan Perpustakaan Awam Pulau Pinang / Penang Public Library Corporation

## **KOLEKSI BAHAN MEDIA DAN BER CETAK LAIN PERPUSTAKAAN PULAU PINANG 2012-2016**

**MEDIA AND OTHER PRINTED MATERIAL COLLECTIONS  
IN PENANG LIBRARY 2012-2016**

<b>JENIS / TYPE</b>	<b>TAHUN / YEAR</b>				
	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Disket / Disc	0	0	0	0	0
Mikrofis / Microfiche	0	0	0	0	0
Mikro Filem / Microfilm	254	226	248	235	24
Kaset / Cassette	0	0	0	0	0
Pita Video / Videotape	0	0	0	0	0
Kit Multimedia / Multimedia Kit	7	6	0	0	0
Filem / Film	0	0	0	0	0
CD - ROM	14	16	0	4	10
VCD, DVD	2,598	2,659	596	199	254
CD Audio / CDA	595	792	0	62	0
Maklumat / Information	0	0	0	0	0
Foto / Photo	0	0	0	0	0
Bahan Tidak Bercetak / Unprinted Materials	0	0	0	0	0
Poster / Poster	20	0	144	157	0
Poskad / Postcard	0	0	0	0	0
<b>JUMLAH / TOTAL</b>	<b>3,488</b>	<b>3,699</b>	<b>988</b>	<b>657</b>	<b>288</b>

**Sumber / Source :**  
Perbadanan Perpustakaan Awam Pulau Pinang / Penang Public Library Corporation

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## KESIHATAN

HEALTH

**KEMUDAHAN KESIHATAN KERAJAAN / SWASTA  
MENGIKUT PENTADBIRAN DAERAH, PULAU PINANG 2016**  
*GOVERNMENT AND PRIVATE PHYSICAL AMENITIES BY  
ADMINISTRATIVE DISTRICT, PENANG 2016*

<b>JENIS / TYPE</b>	<b>(2016) BILANGAN MENGIKUT PENTADBIRAN DAERAH / NUMBER BY ADMINISTRATIVE DISTRICT</b>						<b>JUMLAH / TOTAL</b>
	<b>TIMUR LAUT / NORTH EAST DISTRICT</b>	<b>BARAT DAYA / SOUTH WEST DISTRICT</b>	<b>SEBERANG PERAI UTARA / NORTHERN SEBERANG PERAI DISTRICT</b>	<b>SEBERANG PERAI TENGAH / CENTRAL SEBERANG PERAI DISTRICT</b>	<b>SEBERANG PERAI SELATAN / SOUTHERN SEBERANG PERAI DISTRICT</b>		
<b>KERAJAAAN / GOVERNMENT</b>							
Hospital / Hospital	1	1	1	2	1		6
Klinik Kesihatan / Health Clinic	9	3	7	7	4		30
KKIA* / Maternal & Child Health Clinic	3	1	0	1	1		6
Klinik Desa Community Clinic	4	12	20	13	11		60
Klinik Pergigian / Dental Clinic	7	4	6	6	5		28
Klinik Pakar Pergigian / Dental Specialist Clinic	5	0	4	4	0		13
Klinik 1 Malaysia / 1 Malaysia Clinic	4	3	7	5	5		24
<b>JUMLAH / Total</b>	<b>33</b>	<b>24</b>	<b>45</b>	<b>38</b>	<b>27</b>		<b>167</b>
<b>SWASTA / PRIVATE</b>							
Hospital / Hospital	8	2	1	2	0		13
Hospital / Rumah Bersalin / Maternity Hospital / Maternity Home	1	1	0	3	0		5
Pusat Kesihatan Jiwa Swasta / Mental Community Care Centre	0	0	0	0	0		0
Hospis / Hospice	1	0	0	0	0		1
Pusat Jagaan Ambulatori Swasta / Ambulatory Care Centre (ACC)	3	0	3	3	0		9
Pusat Hemodialisis Swasta / Private Hemodialysis Centre	10	5	9	11	5		40
Klinik Swasta / GP Clinic	177	86	82	134	43		522
Klinik Pergigian Swasta / Private Dental Clinic	66	35	19	25	3		148
<b>JUMLAH / JUMLAH</b>	<b>266</b>	<b>129</b>	<b>114</b>	<b>178</b>	<b>51</b>		<b>738</b>
<b>JUMLAH KESELURUHAN / OVERALL TOTAL</b>	<b>299</b>	<b>153</b>	<b>159</b>	<b>216</b>	<b>78</b>		<b>905</b>

**Nota :** \*KKIA - Klinik Kesihatan Ibu & Anak / Note : \*MCH-Maternal & Child Health  
Termasuk KKIA yang terletak di Klinik Kesihatan / Inclusive Of MCH Clinic Located In Health Clinic

**Sumber / Source :**  
Jabatan Kesihatan Negeri Pulau Pinang / Penang State Health



## SUMBER MANUSIA SEKTOR KESIHATAN, PULAU PINANG 2012-2016

### HEALTH HUMAN RESOURCE, PENANG 2012-2016

JAWATAN / DESIGNATION	2012		2013		2014		2015		2016	
	Bil.	Jawatan / No. of Post								
	Bil. Diisi / Post Filled									
<b>PROFESIONAL / PROFESSIONAL</b>										
Pegawai Perubatan / Medical Officer	1,852	1,608	1,697	1,574	1,985	1,754	943	996	1,262	1,342
Pegawai Pergigian / Dental Officer	121	95	168	147	181	171	193	182	213	206
Pegawai Farmasi / Pharmacist	319	269	423	420	574	443	571	542	568	513
Lain-lain / Others	TD	876	813							
<b>PARAMEDIK / PARAMEDIC</b>										
Pen. Pegawai Kesihatan Persekitaran / Assistant Environmental Health Officer	199	189	219	210	323	280	232	209	312	208
Jururawat / Nurse	2,854	2,711	3,265	2,787	3,829	3,069	3,762	3,387	3,605	3,489
Juru X-ray / Radiographer	TD	174	160							
Jurupulih Perubatan Carakerja / Occupational Therapist	TD	82	64							
Jurupulih Perubatan (Anggota) / Physiotherapist	TD	88	80							
Juruteknologi Makmal Perubatan / Medical Laboratory Assistant	287	282	294	290	306	277	283	255	310	278
Penolong Pegawai Perubatan / Assistant Medical Officer	581	509	591	533	642	506	623	550	676	657
Penolong Pegawai Farmasi / Assistant Pharmacist	TD	TD	TD	TD	214	194	190	175	190	175
Jururawat Pergigian / Dental Nurse	182	167	177	163	189	165	190	170	182	170
Juruteknologi Pergigian / Dental Technologist	39	39	43	41	43	40	43	42	43	40
Juruteknologi Perubatan / Medical Technologist	TD	2	0							
Jururawat Masyarakat / Community Nurse	1,018	965	1,027	1,006	1,285	1,202	1,078	1,019	1,072	1,001
Penolong Jururawat / Assistant Nurse	51	29	52	23	51	20	4	6	TD	TD

**Nota / Note :** TD – Tidak Diperolehi / Not Available

**Sumber / Source :**  
Jabatan Kesihatan Negeri Pulau Pinang /  
Penang State Health Department



**BILANGAN KATIL, KADAR PENGINAPAN KATIL, PURATA MASA TINGGAL,  
KEMASUKAN, KEMATIAN DAN JUMLAH PESAKIT LUAR DI HOSPITAL-HOSPITAL  
KERAJAAN, PULAU PINANG 2016**

*NUMBER OF BEDS, BED OCCUPANCY RATE (BOR), AVERAGE LENGTH OF STAY (ALOS),  
ADMISSIONS, DEATHS AND OUTPATIENTS ATTENDANCE IN GOVERNMENT  
HOSPITAL, PENANG 2016*

HOSPITAL / HOSPITAL	BIL. KATIL / BED COMPLEMENT	KADAR PENGUNAAN KATIL / BED OCCUPANCY RATE	PURATA MASA TINGGAL (HARI) / AVERAGE LENGTH OF STAY (DAY)	2016		
				JUMLAH KEMASUKAN / TOTAL ADMISSIONS	JUMLAH KEMATIAN / TOTAL DEATHS	JUMLAH DISCAJ / TOTAL DISCHARGES
HOSPITAL PULAU PINANG	1,136	72.40%	5.25	56,544	2,498	57,150
HOSPITAL SEBERANG JAYA	393	82.42%	3.52	33,548	818	33,588
HOSPITAL BUKIT MERTAJAM	242	70.91%	3.18	19,720	598	19,691
HOSPITAL KEPALA BATAS	108	90.23%	2.82	12,592	292	12,603
HOSPITAL SUNGAI BAKAP	105	51.29%	3.46	5,669	154	5,677
HOSPITAL BALIK PULAU	81	52.66%	3.10	5,022	57	5,023
JUMLAH / TOTAL	2,065	73.22%	4.13	133,095	4,417	133,732

Sumber / Source :  
Jabatan Kesihatan Negeri Pulau Pinang / Penang State Health Department



## KADAR KEMATIAN LAHIR MATI DAN PERINATAL, PULAU PINANG 2012-2016

STILL BIRTH MORTALITY AND PERINATAL RATES  
IN PENANG FOR THE YEAR 2012-2016

KADAR KEMATIAN / SELECTED MORTALITY	TAHUN / YEAR				
	2012	2013	2014*	2015*	2016*
Kadar Lahir Mati <sup>1</sup> / Still Birth Mortality Rate	5.7	6.4	3.6	4.6	5.6
Kadar Kematian Perinatal <sup>1</sup> / Perinatal Mortality Rate	10.4	10.8	6.3	8.1	9.4
Kadar Kematian Neonatal <sup>2</sup> / Neonatal Mortality Rate	5.8	5.0	3.5	4.6	4.6
Kadar Kematian Bayi <sup>2</sup> / Infant Mortality Rate	8.0	7.4	5.6	6.3	6.5
Kadar Kematian Bayi Di Bawah Umur 5 Tahun <sup>2</sup> / Under Five Mortality Rate	9.2	9.0	7.0	7.5	8.0

Nota / Note :

<sup>1</sup> Kadar adalah bagi setiap 1,000 kelahiran / The rates are per 1,000 births

<sup>2</sup> Kadar adalah bagi setiap 1,000 kelahiran hidup / The rates are per 1,000 live births

Sumber / Source :

Jabatan Kesihatan Negeri Pulau Pinang /

Penang State Health Department

\*Jabatan Perangkaan Malaysia / Department of Statistics, Malaysia

## KADAR KELAHIRAN KASAR DAN KEMATIAN KASAR, PULAU PINANG 2012-2016

CRUDE BIRTH AND DEATH RATE, PENANG 2012-2016

# 2012

└ Kadar Kelahiran Kasar / Crude Birth Rate	15.17
└ Kadar Kematian Kasar / Crude Death Rate	5.76

# 2014\*

└ Kadar Kelahiran Kasar / Crude Birth Rate	13.60
└ Kadar Kematian Kasar / Crude Death Rate	5.80

# 2016\*

└ Kadar Kelahiran Kasar / Crude Birth Rate	12.70
└ Kadar Kematian Kasar / Crude Death Rate	6.20

# 2013

└ Kadar Kelahiran Kasar / Crude Birth Rate	13.50
└ Kadar Kematian Kasar / Crude Death Rate	5.90

# 2015\*

└ Kadar Kelahiran Kasar / Crude Birth Rate	13.10
└ Kadar Kematian Kasar / Crude Death Rate	6.00

Nota / Note :  
Kadar adalah bagi setiap 1,000 penduduk /  
The rates are per 1,000 population

Sumber / Source :  
Jabatan Kesihatan Negeri Pulau Pinang /  
Penang State Health Department  
\*Jabatan Perangkaan Malaysia /  
Department of Statistics, Malaysia

**BILANGAN KES BERSALIN DAN KELAHIRAN  
DI HOSPITAL KERAJAAN, PULAU PINANG 2012-2016**  
**NUMBER OF DELIVERIES AND BIRTHS IN GOVERNMENT  
HOSPITALS OF PENANG 2012-2016**

<b>2012 (KELAHIRAN / BIRTH)</b>				
<b>HOSPITAL / HOSPITAL</b>	<b>KES BERSALIN / DELIVERY CASES</b>	<b>HIDUP / ALIVE</b>	<b>MATI / DEATH</b>	<b>JUMLAH / TOTAL</b>
HOSPITAL PULAU PINANG	5,417	5,453	50	5,503
HOSPITAL SEBERANG JAYA	7,207	7,204	60	7,264
HOSPITAL BUKIT MERTAJAM	919	918	1	919
HOSPITAL KEPALA BATAS	388	388	-	388
HOSPITAL SUNGAI BAKAP	295	295	-	295
HOSPITAL BALIK PULAU	217	217	-	217
<b>JUMLAH / TOTAL</b>	<b>14,443</b>	<b>14,475</b>	<b>111</b>	<b>14,586</b>
<b>2013 (KELAHIRAN / BIRTH)</b>				
<b>HOSPITAL / HOSPITAL</b>	<b>KES BERSALIN / DELIVERY CASES</b>	<b>HIDUP / ALIVE</b>	<b>MATI / DEATH</b>	<b>JUMLAH / TOTAL</b>
HOSPITAL PULAU PINANG	4,396	4,379	17	4,396
HOSPITAL SEBERANG JAYA	6,582	6,563	19	6,582
HOSPITAL BUKIT MERTAJAM	825	823	2	825
HOSPITAL KEPALA BATAS	351	351	-	351
HOSPITAL SUNGAI BAKAP	214	212	2	214
HOSPITAL BALIK PULAU	176	176	-	176
<b>JUMLAH / TOTAL</b>	<b>12,544</b>	<b>12,504</b>	<b>40</b>	<b>12,544</b>
<b>2014 (KELAHIRAN / BIRTH)</b>				
<b>HOSPITAL / HOSPITAL</b>	<b>KES BERSALIN / DELIVERY CASES</b>	<b>HIDUP / ALIVE</b>	<b>MATI / DEATH</b>	<b>JUMLAH / TOTAL</b>
HOSPITAL PULAU PINANG	5,254	5,226	28	5,254
HOSPITAL SEBERANG JAYA	7,240	7,190	50	7,240
HOSPITAL BUKIT MERTAJAM	1,060	1,056	4	1,060
HOSPITAL KEPALA BATAS	343	343	0	343
HOSPITAL SUNGAI BAKAP	218	218	0	218
HOSPITAL BALIK PULAU	180	180	0	180
<b>JUMLAH / TOTAL</b>	<b>14,295</b>	<b>14,213</b>	<b>82</b>	<b>14,295</b>

Sumber / Source :  
Jabatan Kesihatan Negeri Pulau Pinang / Penang State Health Department

**BILANGAN KES BERSALIN DAN KELAHIRAN  
DI HOSPITAL KERAJAAN, PULAU PINANG 2012-2016**  
**NUMBER OF DELIVERIES AND BIRTHS IN GOVERNMENT  
HOSPITALS OF PENANG 2012-2016**

<b>2015 (KELAHIRAN / BIRTH)</b>				
<b>HOSPITAL / HOSPITAL</b>	<b>KES BERSALIN / DELIVERY CASES</b>	<b>HIDUP / ALIVE</b>	<b>MATI / DEATH</b>	<b>JUMLAH / TOTAL</b>
HOSPITAL PULAU PINANG	3,649	3,622	27	3,649
HOSPITAL SEBERANG JAYA	6,929	6,873	56	6,929
HOSPITAL BUKIT MERTAJAM	1,358	1,353	5	1,358
HOSPITAL KEPALA BATAS	522	520	2	522
HOSPITAL SUNGAI BAKAP	211	210	1	211
HOSPITAL BALIK PULAU	338	338	0	338
<b>JUMLAH / TOTAL</b>	<b>13,007</b>	<b>12,916</b>	<b>91</b>	<b>13,007</b>
<b>2016 (KELAHIRAN / BIRTH)</b>				
<b>HOSPITAL / HOSPITAL</b>	<b>KES BERSALIN / DELIVERY CASES</b>	<b>HIDUP / ALIVE</b>	<b>MATI / DEATH</b>	<b>JUMLAH / TOTAL</b>
HOSPITAL PULAU PINANG	4,515	4,497	18	4,515
HOSPITAL SEBERANG JAYA	5,650	5,599	51	5,650
HOSPITAL BUKIT MERTAJAM	1,465	1,461	4	1,465
HOSPITAL KEPALA BATAS	1,732	1,728	4	1,732
HOSPITAL SUNGAI BAKAP	260	260	0	260
HOSPITAL BALIK PULAU	266	266	0	266
<b>JUMLAH / TOTAL</b>	<b>13,888</b>	<b>13,811</b>	<b>77</b>	<b>13,888</b>

Sumber / Source :  
 Jabatan Kesihatan Negeri Pulau Pinang / Penang State Health Department

## KADAR INSIDEN PENYAKIT YANG BOLEH DICEGAH MELALUI IMUNISASI, PULAU PINANG 2012-2016

INCIDENCE RATE OF DISEASES PREVENTABLE BY IMMUNIZATION, PENANG 2012-2016

PENYAKIT / DISEASES	TAHUN / YEAR				
	2012	2013	2014	2015	2016
Tibi / <i>Tuberculosis</i>	77.10	75.10	76.07	77.15	82.40
Diphtheria / <i>Diphtheria</i>	0	0	0	0	0
Batuk Kokol / <i>Whooping Cough</i>	0.50	0.37(1)	0.24	0.66	0.24
Kancing Gigi / <i>Tetanus</i>	0	0	0	0	0.12
Campak / <i>Measle</i>	0.99	0.06	0	0.66	0.42
Polio / <i>Poliomyelitis</i>	0	0	0	0	0
Hepatitis B / <i>Hepatitis B</i>	1.99	0.74	0.78	1.98	1.19

Nota / Note : ( ) Kematian / Death

Kadar per 100,000 orang penduduk / Per 100,000 population rate

Sumber / Source :

Jabatan Kesihatan Negeri Pulau Pinang / Penang State Health Department

## KADAR INSIDEN PENYAKIT KELAMIN, PULAU PINANG 2012-2016

### INCIDENCE RATE OF SEXUALLY TRANSMITED DISEASES, PENANG 2012-2016

PENYAKIT / DISEASES	TAHUN / YEAR				
	2012	2013	2014	2015	2016
Siflis / <i>Syphilis</i>	5.52	6.91	3.62	3.78	3.57
Gonokokal / <i>Gonococcol Infection</i>	1.86	0.97	0.74	1.08	1.13
Cancroid / <i>Chancroid</i>	0	0	0	0	0

Nota / Note : Kadar per 100,000 orang penduduk / Per 100,000 population rate

Sumber / Source :  
Jabatan Kesihatan Negeri Pulau Pinang / Penang State Health Department

## KES HIV DAN AIDS, PULAU PINANG 2012-2016

### HIV AND AIDS CASES, PENANG 2012-2016

PENYAKIT / DISEASES	TAHUN / YEAR				
	2012	2013	2014	2015	2016
HIV	126	111	110	103 (1)	105
AIDS	31 (7)	26 (12)	24 (12)	22 (8)	26 (9)

Nota / Note : ( ) Kematian / Death  
Kadar per 100,000 orang penduduk / Per 100,000 population rate

Sumber / Source :  
Jabatan Kesihatan Negeri Pulau Pinang / Penang State Health Department

## KADAR INSIDEN PENYAKIT BERJANGKIT BAWAAN AIR DAN MAKANAN DAN VEKTOR PULAU PINANG 2012-2016

*INCIDENCE RATE OF WATER, FOOD AND VECTOR BORNE DISEASES, PENANG 2012-2016*

	PENYAKIT / DISEASES	TAHUN / YEAR				
		2012	2013	2014	2015	2016
Air & Makanan / Water & Food	Taun / Cholera	0.00	0.00	0.00	0.00	0.00
	Tifoid / Typhoid	0.12	0.36	0.36	0.48	0.23
	Keracunan Makanan / Food Poisoning	22.34	34.14	135.32	26.09	35.45
	Hepatitis A / Hepatitis A	0.12	0.00	0.00	0.06	0.00
	Disentri / Dysentery	0.00	0.06	0.12	0.06	0.00
Vektor / Vector	Denggi / Dengue	49.09	64.72	190.86	350.57	156.30
	Malaria / Malaria	2.30	2.40	2.24	1.02	0.18
	Typhus & Other Rickettsioses	0.31	0.18	0.06	0.06	0
	Viral Encephalitis	0.00	0.24	0.36	0.06	0.12
	Filariasis	1.43	0.85	1.39	0.96	0.60

**Nota / Note :** Kadar per 100,000 orang penduduk / Per 100,000 population rate

**Sumber / Source :**  
Jabatan Kesihatan Negeri Pulau Pinang / Penang State Health Department

## STATISTIK KADAR KEMATIAN IBU BERSALIN, PULAU PINANG 2012-2016 MATERNAL MORTALITY RATE IN PENANG 2012-2016

54.1	31.5	45	58.5	NA	Kadar Kematian Semua Ibu Bersalin / All Maternal Mortality Rate
2012	2013	2014	2015	2016	TAHUN / YEAR
27	18	13.5	31.5	NA	Kadar Kematian Ibu Bersalin / Maternal Mortality Rate

**Nota / Note :**  
Kadar per 100,000 orang penduduk / Per 100,000 population rate  
NA - Tidak Diperolehi / Not Available

**Sumber / Source :**  
Jabatan Kesihatan Negeri Pulau Pinang /  
Penang State Health Department

A photograph showing a row of firefighter turnout gear. On the top shelf, several white helmets with red stripes are displayed. Below them, a row of yellow turnout jackets hangs on red hangers. In the foreground, a blue circular graphic contains the number '07' in white.

07

## KESELAMATAN SAFETY

## BILANGAN BALAI POLIS, PONDOK POLIS DAN KEKUATAN ANGGOTA PULAU PINANG 2016

NUMBER OF POLICE STATIONS , BEATS AND FORCE STRENGTH, PENANG 2016

DAERAH / DISTRICT	BALAI POLIS / POLICE STATIONS	BALAI POLIS KOMUNITI / COMMUNITY POLICE STATIONS	PONDOK POLIS / POLICE BEATS	KEKUATAN / STRENGTH PERJAWATAN / ESTABLISHMENTS	PENGISIAN / FILLED
TIMUR LAUT / NORTH EAST	13	1	8	971	917
BARAT DAYA / SOUTH WEST	6	4	7	427	408
SEBERANG PERAI UTARA / NORTHERN SEBERANG PERAI	5	3	8	467	424
SEBERANG PERAI TENGAH / CENTRAL SEBERANG PERAI	6	3	7	374	322
SEBERANG PERAI SELATAN/ SOUTHERN SEBERANG PERAI	6	4	7	381	309
JUMLAH / TOTAL	36	15	37	2,620	2,380

Sumber / Source :  
Polis Diraja Malaysia Pulau Pinang / Royal Malaysian Police, Penang

# BILANGAN JENAYAH (KEKERASAN), PULAU PINANG 2012-2016

NUMBER OF VIOLENT CRIMES, PENANG 2012-2016

KATEGORI JENAYAH / CRIME CATEGORY	TAHUN / YEAR				
	2012	2013	2014	2015	2016
Bunuh / Murder	47	37	54	33	28
Rogol / Rape	124	117	93	77	66
Cabul Kehormatan / Molest	100	88	97	84	NA
Samun Berkawan Senjata / Gang Robbery With Arms	3	6	4	4	2
Samun Berkawan Tanpa Senjata / Gang Robbery Without Arms	609	730	545	575	407
Samun Bersenjata / Robbery With Arms	0	0	1	2	1
Samun Tanpa Senjata / Robbery Without Arms	169	169	190	199	224
Pemerasan / Blackmail	78	124	124	85	NA
Ugutan Jenayah / Crime Threat	462	511	490	492	NA
Merusuhan / Riot	236	214	182	177	NA
Mencederakan (324-326)* / Human Slaughter	350	338	327	323	313
JUMLAH / TOTAL	2,178	2,334	2,107	2,051	1,041

Nota / Notes : TD – Tidak Diperolehi / Not Available  
 (324-326)\* – Seksyen 324-326 Kanun Keseksaan /  
 Section 324-326 Penal Code

Sumber / Source :  
 Polis Diraja Malaysia Pulau Pinang /  
 Royal Malaysian Police, Penang

**BILANGAN JENAYAH (HARTA BENDA), PULAU PINANG 2012 – 2016**  
**NUMBER OF PROPERTY RELATED CRIMES, PENANG 2012 – 2016**

KATEGORI JENAYAH / CRIME CATEGORY	TAHUN / YEAR				
	2012	2013	2014	2015	2016
CURI / THEFT	1,259	1,089	1,126	969	1,012
CURI MOTOKAR / CAR THEFT	671	716	642	494	446
CURI MOTOSIKAL / MOTORCYCLE THEFT	3,582	3,364	2,966	2,488	2,412
CURI MOTOVAN/ LORI / JENTERA BERAT / BAS / VAN /LORRY/ HEAVY MACHINERY /BUS THEFT	164	212	166	154	110
CURI RAGUT / SNATCH THEFT	280	165	245	231	191
PECAH RUMAH DAN CURI / HOUSE BREAK IN AND THEFT	1,127	994	1,126	1,151	919
JUMLAH / TOTAL	7,083	6,540	6,271	5,487	5,090

**Sumber / Source :**  
 Polis Diraja Malaysia Pulau Pinang / Royal Malaysian Police, Penang



**BILANGAN KEMALANGAN JALANRAYA YANG DILAPORKAN  
MENGIKUT DAERAH, PULAU PINANG 2012-2016**  
*NUMBER OF ROAD ACCIDENTS REPORTED BY DISTRICT, PENANG 2012-2016*

DAERAH / DISTRICT	TAHUN / YEAR				
	2012	2013	2014	2015	2016
TIMUR LAUT / NORTH EAST	14,229	14,863	14,513	14,685	15,759
BARAT DAYA / SOUTH WEST	3,748	4,091	4,322	4,669	5,509
SEBERANG PERAI UTARA / NORTHERN SEBERANG PERAI	5,102	5,322	5,142	5,252	12,218
SEBERANG PERAI TENGAH / CENTRAL SEBERANG PERAI	11,059	11,314	11,075	11,550	4,111
SEBERANG PERAI SELATAN/ SOUTHERN SEBERANG PERAI	3,713	3,771	3,695	3,813	4,647
JUMLAH / TOTAL	37,851	39,361	38,747	39,969	42,244

**Sumber / Source :**  
Cawangan Trafik Bukit Aman / *Bukit Aman Traffic Department*  
Polis Diraja Malaysia Pulau Pinang / *Royal Malaysian Police, Penang*

## BILANGAN KENDERAAN TERLIBAT DALAM KEMALANGAN JALANRAYA MENGIKUT JENIS, PULAU PINANG 2012 - 2016

NUMBER OF VEHICLES INVOLVED IN ROAD ACCIDENTS BY TYPE, PENANG 2012 - 2016

JENIS / TYPE		TAHUN / YEAR				
		2012	2013	2014	2015	2016
Motokar / Car		46,556	49,375	45,265	43,347	45,498
Motosikal / Motorcycle		14,307	14,377	16,196	12,954	14,146
Lori / Lorry		3,803	3,732	3,743	2,672	2,404
Bas / Bus		935	950	968	1,047	1,021
Van / Jip / Van / Jeep		1,310	1,173	1,122	1,100	973
Teksi / Taxi		312	416	333	368	270
Beca / Trishaw		0	0	0	2	0
Lain-lain / Others		402	494	375	1,630	192
Pemacu Empat Roda / Four Wheel Drive		1,377	1,650	1,959	1,801	2,007
Basikal / Bicycle		229	190	208	93	186
Pejalan Kaki / Pedestrian		0	0	0	13	154
JUMLAH / TOTAL		69,231	72,357	70,169	65,027	66,851

Sumber / Source :

Cawangan Trafik Bukit Aman / Bukit Aman Traffic Department  
Polis Diraja Malaysia Pulau Pinang / Royal Malaysian Police, Penang



## BILANGAN KEMATIAN, KECEDERAAN KEMALANGAN JALANRAYA YANG DILAPORKAN, PULAU PINANG 2012 - 2016

NUMBER OF DEATHS AND INJURIES IN ROAD  
ACCIDENTS REPORTED, PENANG 2012 - 2016

JENIS KEMALANGAN / TYPES OF ACCIDENTS	2012	2013	2014	2015	2016
Kematian / Deaths	400	381	378	390	411
Cedera Parah / Serious Injuries	157	147	178	178	230
Cedera Ringan / Minor Injuries	244	94	194	178	294
JUMLAH KEMATIAN / KECEDERAAN / TOTAL DEATHS / INJURIES	801	622	750	746	935
JUMLAH KEMALANGAN JALAN RAYA / TOTAL ROAD ACCIDENTS	37,851	39,361	38,747	39,969	42,244

Sumber / Source :

Cawangan Trafik Bukit Aman / Bukit Aman Traffic Department  
Polis Diraja Malaysia Pulau Pinang / Royal Malaysian Police, Penang

## BILANGAN BALAI BOMBA DAN PERANGKAAN KES KEBAKARAN, PULAU PINANG 2012 - 2016

NUMBER OF FIRE STATIONS AND STATISTICS ON FIRE CASES, PENANG 2012 - 2016

TAHUN / YEAR	BALAI BOMBA / FIRE STATION	BIL. ANGGOTA BOMBA / NUMBER OF FIREMAN	KES KEBAKARAN / FIRE CASES	PANGGILAN PALSU / CRANK CALL	KEMATIAN / DEATHS	KECEDERAAN / INJURIES	NILAI DISELAMATKAN (RM JUTA) / AMOUNT SAVED (RM MILLION)	NILAI KERUGIAN (RM JUTA) / AMOUNT LOSSES (RM MILLION)
2012	17	770	1,754	13	3	17	36,051,484.00	1,836,341,875.58
2013	17	841	2,046	49	1	7	3,118,065,016.00	51,146,730.00
2014	17	841	3,593	207	7	36	282,366,213.68	14,033,707,782.71
2015	17	699	2,718	141	3	18	1,022,525,548.18	95,783,373.00
2016	17	695	3,480	132	4	34	228,073,150.23	4,216,941,710.80

Sumber / Source :

Jabatan Bomba dan Penyelamat, Pulau Pinang / Fire and Rescue Department, Penang

**BILANGAN ANGGOTA BOMBA MENGIKUT DAERAH,  
PULAU PINANG 2012 – 2016**  
**NUMBER OF FIREMEN BY DISTRICT, PENANG 2012 – 2016**

DAERAH / DISTRICT	TAHUN / YEAR				
	2012	2013	2014	2015	2016
TIMUR LAUT / NORTH EAST	231	231	231	214	210
BARAT DAYA / SOUTH WEST	120	120	121	108	102
SEBERANG PERAI UTARA / NORTHERN SEBERANG PERAI	155	155	155	143	147
SEBERANG PERAI TENGAH / CENTRAL SEBERANG PERAI	198	198	199	190	188
SEBERANG PERAI SELATAN / SOUTHERN SEBERANG PERAI	50	50	50	44	48
JUMLAH ANGGOTA BOMBA / TOTAL FIREMEN	754	754	756	699	695
JUMLAH BALAI BOMBA / TOTAL FIRE STATIONS	17	17	17	17	17

Sumber / Source :  
Jabatan Bomba dan Penyelamat, Pulau Pinang / Fire and Rescue Department, Penang

**PERANGKAAN KEBAKARAN DAN JENIS  
KEBAKARAN, PULAU PINANG 2012 – 2016**  
**STATISTICS ON FIRE CASES AND TYPES, PENANG 2012 – 2016**



TAHUN / YEAR	2012	2013	2014	2015	2016
BANGUNAN / BUILDINGS	291	377	330	406	426
KENDERAAN / VEHICLES	229	213	205	219	236
MESIN PERKAKAS / MACHINERIES, TOOLS	168	160	173	115	97
PETROL, KIMIA / PETROL, CHEMICALS	1	0	1	0	2
GAS / GAS	93	95	91	79	84
HUTAN, LALANG DLL / FORESTS, BUSHES ETC	325	390	1,717	871	1,372
GERAI / STALLS	10	9	6	9	8
LAIN-LAIN / OTHERS	597	786	1,070	1,019	773
JUMLAH / TOTAL	1,714	2,030	3,593	2,718	2,998

**Sumber / Source :**  
 Jabatan Bomba dan Penyelamat, Pulau Pinang / Fire and Rescue Department, Penang





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## PERUMAHAN & HARTANAH

HOUSING & PROPERTY


**INDEKS HARGA RUMAH, PULAU PINANG 2012 – 2016**  
*HOUSE PRICE INDEX, PENANG 2012 – 2016*

TAHUN / YEAR	JENIS / TYPE					SEMUA / ALL TYPES
	TERES / TERRACED	BERTINGKAT / HIGH-RISE	TUNGGAL / DETACHED	BERKEMBAR / SEMI-DETACHED		
PEMBERAT (2000=100) WEIGHTAGE	<b>38.10</b>	● 50.70	● 2.90	● 8.40	● 100.00	
<b>2012</b>	211.50	● 188.20	● 112.50	● 131.40	● 183.60	
<b>2013</b>	237.70	● 222.80	● 145.30	● 149.20	● 212.20	
<b>2014</b>	263.70	● 255.80	● 173.10	● 165.30	● 240.50	
<b>2015</b>	283.10	● 277.90	● 179.50	● 182.80	● 258.80	
<b>2016</b>	290.00	● 299.90	● 184.30	● 194.40	● 272.20	

**Sumber / Source :**

Jabatan Penilaian dan Perkhidmatan Harta, Pulau Pinang / Valuation and Property Services Department of Penang



## UNJURAN KEPERLUAN PERUMAHAN, PULAU PINANG 2016-2035 FORECAST ON HOUSING DEMAND, PENANG 2016-2035

DAERAH / DISTRICT	TEMPOH / DURATION	ISI RUMAH TAMBAHAN / ADDITIONAL HOUSEHOLD	KEPERLUAN TAMBAHAN PERUMAHAN BERDASARKAN TAMBAHAN BILANGAN ISI RUMAH / ADDITIONAL HOUSING DEMAND BASED ON ADDITIONAL HOUSEHOLD	KADAR PENGGANTIAN PERUMAHAN SEDIA ADA / EXISTING HOUSING REPLACEMENT RATES	JUMLAH KEPERLUAN TAMBAHAN UNIT PERUMAHAN / TOTAL OF HOUSING DEMAND
Pulau / Island	2016-2020	21,000	21,000	1,320	22,320
	2021-2025	23,900	23,900	1,320	25,220
	2026-2030	27,900	27,900	1,320	29,220
	2031-2035	31,300	31,300	1,320	32,620
	2016-2020	10,900	10,900	760	11,660
	2021-2025	13,200	13,200	760	13,960
	2026-2030	15,700	15,700	760	16,460
	2031-2035	19,000	19,000	760	19,760
JUMLAH BAHAGIAN PULAU / TOTAL FOR PENANG ISLAND	2016-2020	31,900	31,900	2,080	33,980
	2021-2025	37,100	37,100	2,080	39,180
	2026-2030	43,600	43,600	2,080	45,680
	2031-2035	50,300	50,300	2,080	52,380

**Sumber / Source :**

Laporan Tinjauan Kajian Semula Rancangan Struktur Negeri Pulau Pinang 2020, Jabatan Perancang Bandar dan Desa, Pulau Pinang / Report of Survey Pulau Pinang Structure Plan 2020 (Revises), Town and Country Planning Department, Penang

# UNJURAN KEPERLUAN PERUMAHAN, PULAU PINANG 2016-2035

## FORECAST ON HOUSING DEMAND, PENANG 2016-2035

DAERAH / DISTRICT	TEMPOH / DURATION	ISI RUMAH TAMBAHAN / ADDITIONAL HOUSEHOLD	KEPERLUAN TAMBAHAN PERUMAHAN BERDASARKAN TAMBAHAN BILANGAN ISI RUMAH / ADDITIONAL HOUSING DEMAND BASED ON ADDITIONAL HOUSEHOLD	KADAR PENGGANTIAN PERUMAHAN SEDIA ADA / EXISTING HOUSING REPLACEMENT RATES	JUMLAH KEPERLUAN TAMBAHAN UNIT PERUMAHAN / TOTAL OF HOUSING DEMAND
Seberang Perai	2016-2020	9,400	9,400	1,760	11,160
	2021-2025	10,700	10,700	1,760	12,460
	2026-2030	12,400	12,400	1,760	14,160
	2031-2035	14,200	14,200	1,760	15,960
	2016-2020	17,700	17,700	1,440	19,140
	2021-2025	20,800	20,800	1,440	22,240
	2026-2030	24,600	24,600	1,440	26,040
	2031-2035	29,500	29,500	1,440	30,940
	2016-2020	10,100	10,100	640	10,740
	2021-2025	12,200	12,200	640	12,840
	2026-2030	14,900	14,900	640	15,540
	2031-2035	18,000	18,000	640	18,640
Jumlah Seberang Perai / Total for Seberang Perai	2016-2020	37,200	37,200	3,840	41,040
	2021-2025	43,700	43,700	3,840	47,540
	2026-2030	51,900	51,900	3,840	55,740
	2031-2035	61,700	61,700	3,840	65,540
JUMLAH NEGERI / TOTAL FOR STATE	2016-2020	69,100	69,100	5,920	75,020
	2021-2025	80,800	80,800	5,920	86,720
	2026-2030	95,500	95,500	5,920	101,420
	2031-2035	112,000	112,000	5,920	117,920

Sumber / Source :

Laporan Tinjauan Kajian Semula Rancangan Struktur Negeri Pulau Pinang 2020, Jabatan Perancang Bandar dan Desa, Pulau Pinang / Report of Survey Pulau Pinang Structure Plan 2020 (Revises), Town and Country Planning Department, Penang



## SKIM PERUMAHAN YANG BAHARU DILANCAR MENGIKUT DAERAH DAN JENIS, PULAU PINANG 2012 - 2016

NEWLY LAUNCHED HOUSING SCHEMES BY TYPE AND DISTRICT, PENANG 2012 - 2016

**2012**

DAERAH / DISTRICT	JENIS RUMAH / HOUSING TYPE	BILANGAN UNIT / NO. OF UNITS	KELUASAN (METER PERSEGI) / SPACE (PER SQUARE METER)		HARGA (RM) / PRICE (RM)	PERATUS JUALAN (%) / SALES PERCENTAGE (%)
			TANAH / LAND	LANTAI / FLOOR		
Barat Daya / South West	RUMAH TERES 3 TINGKAT	95	134	244	618,000.00	63.20
	BERKEMBAR 2 TINGKAT	0	0	0	0.00	0.00
	RUMAH SESEBUAH 2 TINGKAT	0	0	0	0.00	0.00
	FLAT KOS RENDAH	165	0	60	42,000.00	0.00
	KONDOMINIUM / APARTMEN	0	0	0	0.00	0.00
Timur Laut / North East	BERKEMBAR 2 TINGKAT	0	0	0	-	0.00
	KONDOMINIUM	684	0	127	612,000.00	70.50
Seberang Perai Selatan / Southern Seberang Perai	RUMAH TERES 1 TINGKAT	42	127	82	173,000.00	26.2
	RUMAH TERES 2 TINGKAT	230	143	164	318,000-378,000	87.80
	BERKEMBAR 1 TINGKAT	24	297	141	278,000-295,000	50.00
	BERKEMBAR 2 TINGKAT	192	244	192	538,000-570,000	34.90
	TOWN HOUSE	0	0	0	-	0.00
Seberang Perai Tengah / Central Seberang Perai	BERKEMBAR 1 TINGKAT	0	0	0	-	0.00
	BERKEMBAR 2 TINGKAT	68	259	217	476,400-680,000	58.8
	BERKEMBAR 3 TINGKAT	16	211	383	683,800.00	81.30
	RUMAH SESEBUAH 2 TINGKAT	43	298	201	570,300.00	27.9
	RUMAH SESEBUAH 3 TINGKAT	28	340	373	672,800-1,188,000	7.10
Seberang Perai Utara / Northern Seberang Perai	RUMAH TERES 1 TINGKAT	105	143	102	199,900.00	100.00
	RUMAH TERES 2 TINGKAT	58	143	212	360,900.00	6.90
	RUMAH TERES 3 TINGKAT	48	113	268	758,000.00	0.00
	BERKEMBAR 1 TINGKAT	20	270	175	376,400.00	25.00
	BERKEMBAR 2 TINGKAT	138	281	225	362,000-472,200	68.10
	KONDOMINIUM / APARTMEN	0	0	0	-	0.00
JUMLAH / TOTAL		1,956				

**Nota / Note :**

TD - Tidak Diperolehi / Not Available

Tiada data terkini daripada sumber / Updated data is not available from the source

**Sumber / Source :**

Jabatan Penilaian dan Perkhidmatan Harta, Pulau Pinang /  
Valuation and Property Services Department of Penang

## **SKIM PERUMAHAN YANG BAHARU DILANCAR MENGIKUT DAERAH DAN JENIS, PULAU PINANG 2012 - 2016**

**NEWLY LAUNCHED HOUSING SCHEMES BY TYPE AND DISTRICT, PENANG 2012 - 2016**

**2013**

DAERAH / DISTRICT	JENIS RUMAH / HOUSING TYPE	BILANGAN UNIT / NO. OF UNITS	KELUASAN (METER PERSEGI) / SPACE (PER SQUARE METER)		HARGA (RM) / PRICE (RM)	PERATUS JUALAN (%) / SALES PERCENTAGE (%)
			TANAH / LAND	LANTAI / FLOOR		
Barat Daya / South West	RUMAH TERES 3 TINGKAT	19	TD	TD	1,248,160.00	36.80
	BERKEMBAR 2 TINGKAT	0	0	0	0.00	0.00
	RUMAH SESEBUAH 2 TINGKAT	0	0	0	0.00	0.00
	FLAT KOS RENDAH	0	0	0	0.00	0.00
	KONDOMINIUM / APARTMEN	1,024	0	104	560,000.00	80.00
Timur Laut / North East	BERKEMBAR 2 TINGKAT	0	0	0	0.00	0.00
	KONDOMINIUM	0	0	0	0.00	0.00
	RUMAH TERES 1 TINGKAT	14	82	127	145,000.00	50.00
Seberang Perai Selatan / Southern Seberang Perai	RUMAH TERES 2 TINGKAT	646	167	114	378,000-438,000	80.50
	BERKEMBAR 1 TINGKAT	0	0	0	0.00	0.00
	BERKEMBAR 2 TINGKAT	0	0	0	0.00	0.00
	TOWN HOUSE	0	0	0	0.00	0.00
	BERKEMBAR 1 TINGKAT	36	118	297	317,500.00	19.40
Seberang Perai Tengah / Central Seberang Perai	BERKEMBAR 2 TINGKAT	6	187	138	658,000-438,000	0.00
	BERKEMBAR 3 TINGKAT	0	0	0	0.00	0.00
	RUMAH SESEBUAH 2 TINGKAT	0	0	0	0.00	0.00
	RUMAH SESEBUAH 3 TINGKAT	0	0	0	0.00	0.00
	RUMAH TERES 1 TINGKAT	0	0	0	0.00	0.00
Seberang Perai Utara / Northern Seberang Perai	RUMAH TERES 2 TINGKAT	0	0	0	0.00	0.00
	RUMAH TERES 3 TINGKAT	0	0	0	0.00	0.00
	BERKEMBAR 1 TINGKAT	0	0	0	0.00	0.00
	BERKEMBAR 2 TINGKAT	0	0	0	0.00	0.00
	KONDOMINIUM / APARTMEN	0	0	0	0.00	0.00
JUMLAH / TOTAL		1,745				

**Nota / Note :**

TD - Tidak Dipperolehi / Not Available

Tiada data terkini daripada sumber / Updated data is not available from the source

**Sumber / Source :**

Jabatan Penilaian dan Perkhidmatan Harta, Pulau Pinang / Valuation and Property Services Department of Penang



## SKIM PERUMAHAN YANG BAHARU DILANCAR MENGIKUT DAERAH DAN JENIS, PULAU PINANG 2012 - 2016

NEWLY LAUNCHED HOUSING SCHEMES BY TYPE AND DISTRICT, PENANG 2012 - 2016

**2014**

DAERAH / DISTRICT	JENIS RUMAH / HOUSING TYPE	BILANGAN UNIT / NO. OF UNITS	KELUASAN (METER PERSEGI) / SPACE (PER SQUARE METER)		HARGA (RM) / PRICE (RM)	PERATUS JUALAN (%) / SALES PERCENTAGE (%)
			TANAH / LAND	LANTAI / FLOOR		
Barat Daya / South West	RUMAH TERES 3 TINGKAT	5	161.8	264.35	65,000.00	100.00
	BERKEMBAR 2 TINGKAT	10	252	247.63	854,000.00	50.00
	RUMAH SESEBUAH 2 TINGKAT	0	0	0	0.00	0.00
	FLAT KOS RENDAH	0	0	0	0.00	0.00
	KONDOMINIUM / APARTMEN	1,000	0	109.63	584,000.00	47.00
Timur Laut / North East	BERKEMBAR 2 TINGKAT	0	0	0	0.00	0.00
	KONDOMINIUM	977	0	120	665,000.00	75.00
Seberang Perai Selatan / Southern Seberang Perai	RUMAH TERES 1 TINGKAT	62	186.08	107.95	350,000.00	20.00
	RUMAH TERES 2 TINGKAT	284	111.48	146.64	468,000.00	40.00
	BERKEMBAR 1 TINGKAT	32	268.02	111.48	455,000.00	20.00
	BERKEMBAR 2 TINGKAT	16	255.01	222.96	685,000.00	20.00
	TOWN HOUSE	0	0	0	-	0.00
	BERKEMBAR 1 TINGKAT	0	0	0	-	0.00
Seberang Perai Tengah / Central Seberang Perai	BERKEMBAR 2 TINGKAT	4	293.32	307.32	882,420.00	20.00
	BERKEMBAR 3 TINGKAT	64	245	271	889,000.00	40.00
	RUMAH SESEBUAH 2 TINGKAT	98	260	259	598,000.00	40.00
	RUMAH SESEBUAH 3 TINGKAT	57	327	529	1,100,800.00	40.00
	RUMAH TERES 1 TINGKAT	224	121	83.61	175,770.00	40.00
Seberang Perai Utara / Northern Seberang Perai	RUMAH TERES 2 TINGKAT	59	162.58	198.32	386,600-550,000	20.00
	RUMAH TERES 3 TINGKAT	33	165.09	292.32	474,550.00	20.00
	BERKEMBAR 1 TINGKAT	0	0	0	-	0.00
	BERKEMBAR 2 TINGKAT	10	235.94	257.18	709,690.00	20.00
	KONDOMINIUM / APARTMEN	0	0	0	-	0.00
JUMLAH / TOTAL		2,935				

**Nota / Note :**

TD - Tidak Diperolehi / Not Available

Tiada data terkini daripada sumber / Updated data is not available from the source

**Sumber / Source :**

Jabatan Penilaian dan Perkhidmatan Harta, Pulau Pinang /  
Valuation and Property Services Department of Penang

## **SKIM PERUMAHAN YANG BAHARU DILANCAR MENGIKUT DAERAH DAN JENIS, PULAU PINANG 2012 - 2016**

**NEWLY LAUNCHED HOUSING SCHEMES BY TYPE AND DISTRICT, PENANG 2012 - 2016**

**2015**

DAERAH / DISTRICT	JENIS RUMAH / HOUSING TYPE	BILANGAN UNIT / NO. OF UNITS	KELUASAN (METER PERSEGI) / SPACE (PER SQUARE METER)		HARGA (RM) / PRICE (RM)	PERATUS JUALAN (%) / SALES PERCENTAGE (%)
			TANAH / LAND	LANTAI / FLOOR		
Barat Daya / South West	RUMAH TERES 3 TINGKAT	107	163	275	1,388,800.00	49.50
	BERKEMBAR 2 TINGKAT	0	0	0	0.00	0.00
	RUMAH SESEBUAH 2 TINGKAT	0	0	0	0.00	0.00
	FLAT KOS RENDAH	0	0	0	0.00	0.00
	KONDOMINIUM / APARTMEN	432	0	134	1,150,000.00	40.00
Timur Laut / North East	BERKEMBAR 2 TINGKAT	0	0	0	0.00	0.00
	KONDOMINIUM	1,219	0	134	1,150,000.00	40.00
Seberang Perai Selatan / Southern Seberang Perai	RUMAH TERES 1 TINGKAT	148	113	82	300,000.00	81.10
	RUMAH TERES 2 TINGKAT	0	0	0	0.00	0.00
	BERKEMBAR 1 TINGKAT	0	0	0	0.00	0.00
	BERKEMBAR 2 TINGKAT	0	0	0	0.00	0.00
	TOWN HOUSE	0	0	0	0.00	0.00
Seberang Perai Tengah / Central Seberang Perai	BERKEMBAR 1 TINGKAT	0	0	0	0.00	0.00
	BERKEMBAR 2 TINGKAT	0	0	0	0.00	0.00
	BERKEMBAR 3 TINGKAT	30	238	326	908,000.00	100.00
	RUMAH SESEBUAH 2 TINGKAT	0	0	0	0.00	0.00
	RUMAH SESEBUAH 3 TINGKAT	0	0	0	0.00	0.00
Seberang Perai Utara / Northern Seberang Perai	RUMAH TERES 1 TINGKAT	0	0	0	0.00	0.00
	RUMAH TERES 2 TINGKAT	0	0	0	0.00	0.00
	RUMAH TERES 3 TINGKAT	73	119	209	352,000.00	27.40
	BERKEMBAR 1 TINGKAT	0	0	0	0.00	0.00
	BERKEMBAR 2 TINGKAT	0	0	0	0.00	0.00
JUMLAH / TOTAL		2,009				

**Nota / Note :**

TD - Tidak Diperolehi / Not Available

Tiada data terkini daripada sumber / Updated data is not available from the source

**Sumber / Source :**

Jabatan Penilaian dan Perkhidmatan Harta, Pulau Pinang / Valuation and Property Services Department of Penang



## SKIM PERUMAHAN YANG BAHARU DILANCAR MENGIKUT DAERAH DAN JENIS, PULAU PINANG 2012 - 2016

NEWLY LAUNCHED HOUSING SCHEMES BY TYPE AND DISTRICT, PENANG 2012 - 2016

**2016**

DAERAH / DISTRICT	JENIS RUMAH / HOUSING TYPE	BILANGAN UNIT / NO. OF UNITS	KELUASAN (METER PERSEGI) / SPACE (PER SQUARE METER)		HARGA (RM) / PRICE (RM)	PERATUS JUALAN (%) / SALES PERCENTAGE (%)
			TANAH / LAND	LANTAI / FLOOR		
Barat Daya / South West	RUMAH TERES 3 TINGKAT	7	TD	271	720,000.00	0.00
	BERKEMBAR 2 TINGKAT	14	TD	254	1,730,000 – 3,730,130	42.90
	RUMAH SESEBUAH 2 TINGKAT	0	0	0	0.00	0.00
	FLAT KOS RENDAH	0	0	0	0.00	0.00
	KONDOMINIUM / APARTMEN	853	TD	93	320,000 – 812,500	7.20
Timur Laut / North East	FLAT	1,514	TD	102	300,000 – 445,000	0.00
	KONDOMINIUM	1,946	TD	124	400,000 – 1,325,520	11.80
Seberang Perai Selatan / Southern Seberang Perai	RUMAH TERES 1 TINGKAT	129	113	90	294,500.00	66.70
	RUMAH TERES 2 TINGKAT	245	143	180	342,000 – 558,000	2.40
	BERKEMBAR 1 TINGKAT	0	0	0	0.00	0.00
	BERKEMBAR 2 TINGKAT	48	250	253	698,000 – 744,000	0.00
	TOWN HOUSE	0	0	0	0.00	0.00
Seberang Perai Tengah / Central Seberang Perai	BERKEMBAR 2 TINGKAT	137	129	164	459,000-618,800	27.70
	BERKEMBAR 2.5 TINGKAT	7	164	243	610,000	0.00
	BERKEMBAR 3 TINGKAT	97	147	241	900,000.00	14.40
	RUMAH SESEBUAH 2 TINGKAT	0	0	0	0.00	0.00
	KONDOMINIUM / APARTMEN	276	TD	124	357,000 – 600,000	0.00
Seberang Perai Utara / Northern Seberang Perai	RUMAH TERES 1 TINGKAT	0	0	0	0.00	0.00
	RUMAH TERES 2 TINGKAT	0	0	0	0.00	0.00
	RUMAH TERES 3 TINGKAT	8	140	247	760,612.00	100.00
	BERKEMBAR 1 TINGKAT	80	245	128	400,000.00	0.00
	BERKEMBAR 2 TINGKAT	173	284	164	400,000.00	0.00
JUMLAH / TOTAL		5,646			337,862.00	100.00

**Nota / Note :**

TD - Tidak Diperolehi / Not Available

Tiada data terkini daripada sumber / Updated data is not available from the source

**Sumber / Source :**

Jabatan Penilaian dan Perkhidmatan Harta, Pulau Pinang /  
Valuation and Property Services Department of Penang

## NILAI TRANSAKSI HARTA PRINSIPAL SUBSEKTOR PULAU PINANG 2012 – 2016 VALUE OF TRANSACTIONS IN THE PRINCIPAL PROPERTY SUBSECTOR, PENANG 2012 – 2016

TAHUN / YEAR	JENIS / TYPE						JUMLAH / TOTAL
	KEDIAMAN / RESIDENTIAL	KOMERSIL / COMMERCIAL	INDUSTRI / INDUSTRIAL	PERTANIAN / AGRICULTURAL	PEMBANGUNAN / DEVELOPMENT LAND	LAIN-LAIN / OTHERS	
2012	7,092.83	1,829.05	831.75	670.48	2,477.54	2.90	12,904.55
2013	7,093.06	1,802.88	804.13	722.73	3,059.11	9.54	13,491.45
2014	7,578.95	1,738.99	699.66	996.20	2,752.20	4.05	13,770.05
2015	6,172.97	2,069.98	734.66	737.67	1,941.14	45.95	11,702.37
2016	5,364.58	1,192.18	908.54	485.75	1,609.46	1.44	9,561.96

Sumber / Source :

Jabatan Penilaian dan Perkhidmatan Harta, Pulau Pinang / Valuation and Property Services Department of Penang

## BILANGAN TRANSAKSI HARTA PRINSIPAL SUBSEKTOR, PULAU PINANG 2012-2016 NUMBER OF TRANSACTIONS IN THE PRINCIPAL PROPERTY SUBSECTOR, PENANG 2012-2016

TAHUN / YEAR	JENIS / TYPE						JUMLAH / TOTAL
	KEDIAMAN / RESIDENTIAL	KOMERSIL / COMMERCIAL	INDUSTRI / INDUSTRIAL	PERTANIAN / AGRICULTURAL	PEMBANGUNAN / DEVELOPMENT LAND	LAIN-LAIN / OTHERS	
2012	23,266	2,826	724	1,977	2,164	20	30,977
2013	17,700	2,240	549	1,873	1,959	25	24,346
2014	18,410	2,397	504	2,360	1,871	13	25,555
2015	15,291	2,140	632	2,020	1,431	41	21,555
2016	13,244	1,696	443	1,599	1,366	4	18,352

Sumber / Source :

Jabatan Penilaian dan Perkhidmatan Harta, Pulau Pinang / Valuation and Property Services Department of Penang



**BILANGAN DAN NILAI PINDAH MILIK INDUSTRI, PULAU PINANG 2012 – 2016**  
 NUMBER AND VALUE OF INDUSTRIAL PROPERTY TRANSACTIONS, PENANG 2012– 2016

BAHAGIAN / AREA	TAHUN / YEAR	BILANGAN / NUMBER	RM (JUTA) / RM (MILLION)
PULAU / ISLAND	2012	149	235.68
	2013	108	221.76
	2014	109	195.81
	2015	105	116.70
	2016	94	279.06
SEBERANG PERAI	2012	575	596.07
	2013	441	582.37
	2014	395	503.85
	2015	517	617.96
	2016	349	629.48
JUMLAH / TOTAL	2012	724	831.75
	2013	549	804.13
	2014	505	699.66
	2015	632	734.66
	2016	443	908.54

**Sumber / Source :**  
 Jabatan Penilaian dan Perkhidmatan Harta, Pulau Pinang / Valuation and Property Services Department of Penang

## PENAWARAN HARTA INDUSTRI MENGIKUT DAERAH DAN JENIS, PULAU PINANG 2012 – 2016

SUPPLY OF INDUSTRIAL PROPERTIES BY DISTRICT AND TYPE, PENANG 2012– 2016

DAERAH / DISTRICT	JENIS BANGUNAN INDUSTRI / TYPE OF INDUSTRIAL BUILDINGS					JUMLAH / TOTAL
	TERES / TERRACE	KEMBAR / SEMI-DETACHED	TUNGGAL / DETACHED	KILANG BERTINGKAT / MULTI-LEVEL BUILDINGS	KOMPLEKS PERINDUSTRIAN / INDUSTRIAL COMPLEX	
<b>2012</b>						
Timur Laut / North East	236	0	81	312	2	631
Barat Daya / South West	376	83	210	21	40	730
Seberang Perai Utara / Northern Seberang Perai	1,022	119	124	0	0	1,265
Seberang Perai Tengah / Central Seberang Perai	2,945	625	840	0	0	4,410
Seberang Perai Selatan / Southern Seberang Perai	303	282	123	0	0	708
JUMLAH / TOTAL	4,882	1,109	1,378	333	42	7,744
<b>2013</b>						
Timur Laut / North East	236	0	85	312	2	635
Barat Daya / South West	376	95	211	21	40	743
Seberang Perai Utara / Northern Seberang Perai	1,022	119	127	0	0	1,268
Seberang Perai Tengah / Central Seberang Perai	2,983	625	866	0	0	4,474
Seberang Perai Selatan / Southern Seberang Perai	303	282	126	0	0	711
JUMLAH / TOTAL	4,920	1,121	1,415	333	42	7,831

Sumber / Source :

Jabatan Penilaian dan Perkhidmatan Harta, Pulau Pinang / Valuation and Property Services Department of Penang



**PENAWARAN HARTA INDUSTRI MENGIKUT DAERAH DAN JENIS,  
PULAU PINANG 2012 – 2016**

*SUPPLY OF INDUSTRIAL PROPERTIES BY DISTRICT AND TYPE, PENANG 2012– 2016*

DAERAH / DISTRICT	JENIS BANGUNAN INDUSTRI / TYPE OF INDUSTRIAL BUILDINGS					JUMLAH / TOTAL
	TERES / TERRACE	KEMBAR / SEMI-DETACHED	TUNGGAL / DETACHED	KILANG BERTINGKAT / MULTI-LEVEL BUILDINGS	KOMPLEKS PERINDUSTRIAN / INDUSTRIAL COMPLEX	
2014						
Timur Laut / North East	236	0	85	312	2	635
Barat Daya / South West	403	112	213	21	40	789
Seberang Perai Utara / Northern Seberang Perai	1,023	119	127	0	0	1,269
Seberang Perai Tengah / Central Seberang Perai	3,032	630	882	0	0	4,544
Seberang Perai Selatan / Southern Seberang Perai	303	282	126	0	0	711
JUMLAH / TOTAL	4,997	1,143	1,433	333	42	7,948
2015						
Timur Laut / North East	236	0	85	312	2	635
Barat Daya / South West	375	124	222	29	101	851
Seberang Perai Utara / Northern Seberang Perai	1,023	128	127	0	0	1,278
Seberang Perai Tengah / Central Seberang Perai	3,032	630	882	0	0	4,544
Seberang Perai Selatan / Southern Seberang Perai	303	282	126	0	0	711
JUMLAH / TOTAL	4,969	1,164	1,442	341	103	8,019

**Sumber / Source :**

Jabatan Penilaian dan Perkhidmatan Harta, Pulau Pinang / Valuation and Property Services Department of Penang

## PENAWARAN HARTA INDUSTRI MENGIKUT DAERAH DAN JENIS, PULAU PINANG 2012 – 2016

SUPPLY OF INDUSTRIAL PROPERTIES BY DISTRICT AND TYPE, PENANG 2012– 2016

DAERAH / DISTRICT	JENIS BANGUNAN INDUSTRI / TYPE OF INDUSTRIAL BUILDINGS						JUMLAH / TOTAL
	TERES / TERRACE	KEMBAR / SEMI-DETACHED	TUNGgal / DETACHED	KILANG BERTINGKAT / MULTI-LEVEL BUILDINGS	KOMPLEKS PERINDUSTRIAN / INDUSTRIAL COMPLEX		
<b>2016</b>							
Timur Laut / North East	269	2	78	454	4		807
Barat Daya / South West	411	82	277	23	61		854
Seberang Perai Utara / Northern Seberang Perai	1,029	158	188	0	2		1,377
Seberang Perai Tengah / Central Seberang Perai	3,060	986	1,028	12	4		5,090
Seberang Perai Selatan / Southern Seberang Perai	275	328	221	0	0		824
<b>JUMLAH / TOTAL</b>	<b>5,044</b>	<b>1,556</b>	<b>1,792</b>	<b>489</b>	<b>71</b>		<b>8,952</b>

**Sumber / Source :**

Jabatan Penilaian dan Perkhidmatan Harta, Pulau Pinang / Valuation and Property Services Department of Penang



**BILANGAN DAN NILAI PINDAH MILIK HARTA PERDAGANGAN,  
PULAU PINANG 2012 – 2016**

*NUMBER AND VALUE OF TRADE PROPERTY TRANSACTIONS, PENANG 2012– 2016*

BAHAGIAN / AREA	TAHUN / YEAR	BILANGAN / NUMBER	RM (JUTA) / RM (MILLION)
<b>PULAU / ISLAND</b>	2012	1,399	1,220.33
	2013	1,098	1,251.62
	2014	1,101	1,148.87
	2015	966	1,504.17
	2016	873	790.51
<b>SEBERANG PERAI</b>	2012	1,427	608.72
	2013	1,142	551.26
	2014	1,296	590.12
	2015	1,174	565.80
	2016	823	401.67
<b>JUMLAH / TOTAL</b>	2012	2,826	1,829.05
	2013	2,240	1,802.88
	2014	2,397	1,738.99
	2015	2,140	2,069.98
	2016	1,696	1,192.18

**Sumber / Source :**

Jabatan Penilaian dan Perkhidmatan Harta, Pulau Pinang / Valuation and Property Services Department of Penang

## **UNJURAN KEPERLUAN TANAH PERINDUSTRIAN (HEKTAR), PULAU PINANG 2025 - 2035**

*FORECAST OF INDUSTRIAL LAND (HECTARAGE) DEMAND, PENANG 2025 – 2035*

<b>DAERAH / DISTRICT</b>	<b>TAHUN / YEAR</b>		
	<b>2025</b>	<b>2030</b>	<b>2035</b>
TIMUR LAUT / NORTH EAST	<b>139</b>	<b>175</b>	<b>211</b>
BARAT DAYA / SOUTH WEST	<b>1,386</b>	<b>1,746</b>	<b>2,106</b>
SEBERANG PERAI UTARA / NORTHERN SEBERANG PERAI	<b>1,008</b>	<b>1,270</b>	<b>1,532</b>
SEBERANG PERAI TENGAH / CENTRAL SEBERANG PERAI	<b>4,284</b>	<b>5,398</b>	<b>6,512</b>
SEBERANG PERAI SELATAN / SOUTHERN SEBERANG PERAI	<b>2,268</b>	<b>2,858</b>	<b>3,448</b>
<b>JUMLAH / TOTAL</b>	<b>9,085</b>	<b>11,447</b>	<b>13,809</b>

**Nota / Note :**

Keluasan kawasan industri adalah berdasarkan kawasan yang digunakan sebagai industri (termasuk jalan, utiliti dan kemudahan asas lain) /  
*Space of industrial area is based on area used for industry (including roads, utilities, and other basic facilities)*

**Sumber / Source :**

Laporan Tinjauan Kajian Semula Rancangan Struktur Negeri Pulau Pinang 2020, Jabatan Perancang Bandar dan Desa, Pulau Pinang /  
*Report of Survey Pulau Pinang Structure Plan 2020 (Review), Town and Country Planning Department, Penang*



**UNJURAN KEPERLUAN RUANG LANTAI PERDAGANGAN (METER PERSEGI),  
PULAU PINANG 2010 – 2030**

*FORECAST OF COMMERCIAL FLOORSPACE (PER METRE<sup>2</sup>) DEMAND,  
PENANG 2010 – 2030*

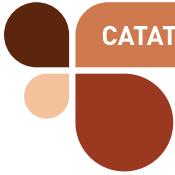
DAERAH / DISTRICT	TAHUN / YEAR						KPPT (%) 2000-2030
	2010	2015	2020	2025	2030	2035	
Timur Laut / North East	4,509,700	5,650,365	7,105,451	8,917,341	10,729,231	11,191,262	5.1
Barat Daya / South West	1,576,049	2,164,099	2,994,651	4,087,698	5,579,707	6,124,290	7.3
Seberang Perai Utara / Northern Seberang Perai	1,739,613	2,246,860	2,921,303	3,724,661	4,748,942	5,030,619	5.5
Seberang Perai Tengah / Central Seberang Perai	2,295,483	3,109,659	4,261,565	5,817,036	7,940,254	8,715,228	7.3
Seberang Perai Selatan / Southern Seberang Perai	1,097,969	1,389,963	1,766,228	2,234,278	2,826,361	2,983,263	5.3
JUMLAH / TOTAL	11,218,814	14,560,946	19,049,198	24,781,014	31,824,495	34,004,662	

**Nota / Note :**

KPPT = Kadar Pertumbuhan Purata Tahunan /  
Annual Average Growth Rate

**Sumber / Source :**

Laporan Tinjauan Kajian Semula Rancangan Struktur Negeri Pulau Pinang 2020, Jabatan Perancang Bandar dan Desa, Pulau Pinang /  
Report of Survey Pulau Pinang Structure Plan 2020 (Revises), Town and Country Planning Department, Penang



## CATATAN / NOTES



10

# PELANCONGAN

TOURISM

## BILANGAN KETIBAAN PELANCONG ASING DAN TEMPATAN KE PULAU PINANG 2012 – 2016

NUMBER OF INTERNATIONAL AND LOCAL TOURIST ARRIVAL, PENANG 2012– 2016

TAHUN / YEAR	PELANCONG / TOURIST		JUMLAH KESELURUHAN / OVERALL TOTAL
	TEMPATAN / LOCAL	ASING / INTERNATIONAL	
	JUMLAH / TOTAL	JUMLAH / TOTAL	
2012	2,996,282	3,096,907	6,093,189
2013	2,639,182	2,062,917	4,702,099
2014	3,617,170	3,230,399	6,847,569
2015	3,467,719	2,879,899	6,347,618
2016	3,467,402	2,911,783	6,379,185

**Sumber / Source :**

Kementerian Pelancongan dan Kebudayaan Negeri Pulau Pinang, Malaysia /  
Ministry Of Tourism And Culture Pulau Pinang, Malaysia

(Berdasarkan data Penginap Hotel Pulau Pinang / Based on Penang Hotel Guests data)



**BILANGAN KEHADIRAN PELANCONG MENGIKUT SEPULUH NEGARA  
UTAMA MELALUI LTAB PULAU PINANG 2012-2016**  
*NUMBER OF TOURIST ARRIVAL FROM TEN LEADING COUNTRIES  
TRANSITING THROUGH PENANG AIRPORT, 2012-2016*

NEGARA / COUNTRY	2012		2013		2014		2015		2016	
	JUMLAH / TOTAL	%								
Singapura / Singapore	104,855	20.18	110,323	21.39	144,368	22.76	144,581	23.55	135,107	25.23
Australia	18,395	3.54	19,218	3.73	20,960	3.30	22,488	3.66	18,326	3.42
United Kingdom	17,083	3.29	16,946	3.29	18,660	2.94	18,850	3.07	15,708	2.93
India	7,478	1.44	7,871	1.53	8,757	1.38	7,534	1.23	6,954	1.30
Amerika Syarikat / USA	23,046	4.43	22,664	4.39	22,423	3.53	22,033	3.59	15,871	2.96
China	45,598	8.77	43,934	8.52	61,095	9.63	62,215	10.13	56,116	10.48
Thailand	17,930	3.45	17,685	3.43	19,590	3.09	17,687	2.88	14,482	2.70
Taiwan	29,654	5.71	18,337	3.56	20,712	3.26	22,087	3.60	12,951	2.42
Indonesia	230,395	44.34	232,423	45.07	286,896	45.22	268,892	43.79	238,056	44.46
Jepun / Japan	25,215	4.85	26,325	5.10	30,927	4.88	27,682	4.51	21,916	4.09
JUMLAH / TOTAL	519,649	100.00	515,726	100.00	634,388	100.00	614,049	100.00	535,487	100.00

**Sumber / Source :**  
Jabatan Imigresen Negeri Pulau Pinang / Immigration Department of Penang

# STATISTIK PROGRAM HOMESTAY, PULAU PINANG 2016

## STATISTICS ON HOMESTAY, PENANG 2016

NAMA / NAME	DAERAH / DISTRICT	BILANGAN PESERTA / NO. OF PARTICIPANTS
HOMESTAY PULAU BETONG, BALIK PULAU	BARAT DAYA / SOUTH WEST	12
HOMESTAY JALAN BHARU, BALIK PULAU	BARAT DAYA / SOUTH WEST	14
HOMESTAY TELUK BAHANG, BALIK PULAU	BARAT DAYA / SOUTH WEST	20
HOMESTAY LAHAR YOOI	SEBERANG PERAI UTARA / NORTHERN SEBERANG PERAI	11
HOMESTAY KOTA AUR	SEBERANG PERAI UTARA / NORTHERN SEBERANG PERAI	13
HOMESTAY SUNGAI SEMILANG, JURU	SEBERANG PERAI TENGAH / CENTRAL SEBERANG PERAI	11
HOMESTAY MENGKUANG TITI	SEBERANG PERAI TENGAH / CENTRAL SEBERANG PERAI	29
HOMESTAY SUNGAI SETAR	SEBERANG PERAI SELATAN / SOUTHERN SEBERANG PERAI	15
HOMESTAY PULAU AMAN	SEBERANG PERAI SELATAN / SOUTHERN SEBERANG PERAI	20
HOMESTAY SUNGAI CHENAAM, NIBONG TEBAL	SEBERANG PERAI SELATAN / SOUTHERN SEBERANG PERAI	24
HOMESTAY SUNGAI DURI, SG. JAWI	SEBERANG PERAI SELATAN / SOUTHERN SEBERANG PERAI	37
<b>JUMLAH / TOTAL</b>		<b>206</b>

Sumber / Source :  
 Kementerian Pelancongan dan Kebudayaan Negeri Pulau Pinang, Malaysia / Ministry of Tourism and Culture Pulau Pinang, Malaysia



## BILANGAN HOTEL MENGIKUT DAERAH, PULAU PINANG 2016

NUMBER OF HOTELS BY DISTRICT, PENANG 2016

DAERAH / DISTRICT	MOTEL / MOTEL	RUMAH KELAB / CLUB HOUSE	RUMAH TUMPAH -GAN / GUEST HOUSE	HOSTEL / HOSTEL	NR	SA	HOTEL BAJET / BUDGET HOTEL	HOTEL / HOTELS					JUMLAH / TOTAL
								SATU BINTANG / BINTANG ONE STAR	DUA BINTANG / BINTANG TWO STAR	TIGA BINTANG / BINTANG THREE STAR	EMPAT BINTANG / BINTANG FOUR STAR	FIVE BINTANG / BINTANG FIVE STAR	
TIMUR LAUT / NORTH EAST	4	-	46	5	-	1	100	12	37	42	42	12	301
BARAT DAYA / SOUTH WEST	-	-	5	-	-	1	5	1	5	4	4	2	27
SEBERANG PERAI TENGAH / CENTRAL SEBERANG PERAI	-	-	4	-	-	-	34	-	3	5	2	1	49
SEBERANG PERAI UTARA / NORTHERN SEBERANG PERAI	2	-	1	-	-	-	31	-	3	-	-	-	37
SEBERANG PERAI SELATAN / SOUTHERN SEBERANG PERAI	3	-	1	-	-	-	6	-	2	-	-	-	12
JUMLAH / TOTAL	9	0	57	5	0	2	176	13	50	51	48	15	426

Nota / Note :  
 NR – Not Rated  
 SA – Service Apartment

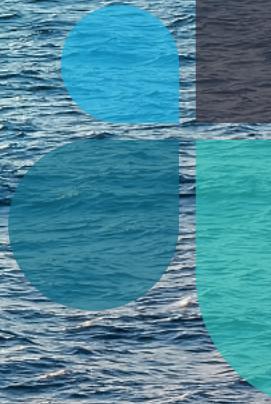
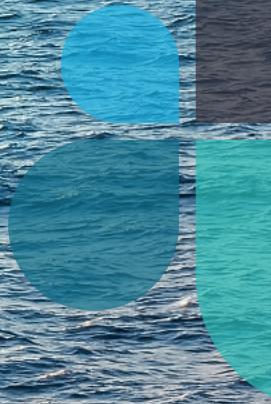
Sumber / Source :  
 Pusat Sistem Maklumat Geografi Negeri Pulau Pinang /  
 Penang Geographical Information System (PEGIS)

## BILANGAN DAN SENARAI BANGUNAN WARISAN DI PULAU PINANG SEHINGGA 2016

NUMBER AND TYPE OF HERITAGE BUILDINGS IN PENANG UNTIL 2016

KAWASAN / ZONE		%	
KAWASAN TERAS / CORE ZONE	109.38 HEKTAR / HECTAR	42.20	
ZON PENAMPAK / BUFFER ZONE	150.04 HEKTAR / HECTAR	57.80	
JUMLAH / TOTAL	259.42 HEKTAR / HECTAR	100.00	
KAWASAN TERAS / CORE ZONE		ZON PENAMPAK / BUFFER ZONE	JUMLAH / TOTAL
JENIS / TYPE	JUMLAH BANGUNAN / BUILDINGS TOTAL	%	JUMLAH BANGUNAN / BUILDINGS TOTAL
KATEGORI / CATEGORY 1	62	2.40	20
KATEGORI / CATEGORY 2	1,832	71.30	1,939
"INFILL DEVELOPMENT"	366	14.30	207
"REPLACEMENT"	309	12.00	278
JUMLAH / TOTAL	2,569	100.00	2,444
LUAR KAWASAN / OUTSIDE OF THE ZONE			
BAHAGIAN PULAU / ISLAND		BUKIT BENDERA / PENANG HILL	
JENIS / TYPE	JUMLAH BANGUNAN / BUILDINGS TOTAL	%	JUMLAH BANGUNAN / BUILDINGS TOTAL
KATEGORI / CATEGORY 1	27	1.20	5
KATEGORI / CATEGORY 2	2,209	98.80	31
JUMLAH / TOTAL	2,236	100.00	36

Sumber / Source :  
Majlis Bandaraya Pulau Pinang / Penang Municipal Council



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# PERINDUSTRIAN & PERDAGANGAN

INDUSTRIAL & TRADING

**JUMLAH PELABURAN MODAL BAGI PROJEK PEMBUATAN YANG  
DILULUSKAN MENGIKUT INDUSTRI, PULAU PINANG 2012-2016**  
**TOTAL CAPITAL INVESTMENT IN MANUFACTURING SECTOR  
APPROVED BY INDUSTRY, PENANG 2012-2016**

<b>INDUSTRI / INDUSTRY</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
	Jumlah Modal Pelaburan (RM) / Total Capital Investment (RM)	Jumlah Modal Pelaburan (RM) / Total Capital Investment (RM)	Jumlah Modal Pelaburan (RM) / Total Capital Investment (RM)	Jumlah Modal Pelaburan (RM Juta) / Total Capital Investment (RM Million)	Jumlah Modal Pelaburan (RM) / Total Capital Investment (RM)
<b>Produk Elektronik &amp; Elektrik / Electronics &amp; Electrical Products</b>	<b>1,072,105,809</b>	<b>1,674,892,131</b>	<b>4,807,631,459</b>	<b>4,456.90</b>	<b>1,735,539,105</b>
<b>Produk Asas Besi / Basic Metal Products</b>	<b>163,192,000</b>	<b>587,300,000</b>	<b>311,774,150</b>	<b>158.20</b>	<b>67,404,284</b>
<b>Peralatan Sains &amp; Ukuran / Scientific &amp; Manufacturing Equipment</b>	<b>9,921,444</b>	<b>584,020,137</b>	<b>507,838,000</b>	<b>191.00</b>	<b>983,290,735</b>
<b>Peralatan &amp; Mesin / Machinery &amp; Equipment</b>	<b>303,845,919</b>	<b>303,069,915</b>	<b>1,365,769,176</b>	<b>229.80</b>	<b>194,264,785</b>
<b>Kertas, Percetakan &amp; Penerbitan / Paper, Printing &amp; Publishing</b>	<b>76,597,828</b>	<b>206,536,007</b>	<b>9,814,936</b>	<b>50.90</b>	<b>57,401,734</b>
<b>Produk Besi Yang Difabrikasi / Fabricated Metal Products</b>	<b>117,131,545</b>	<b>165,696,572</b>	<b>264,884,206</b>	<b>86.90</b>	<b>160,779,212</b>
<b>Produk Getah / Rubber Products</b>	<b>1,988,722</b>	<b>149,780,000</b>	<b>1,620,000</b>	<b>30.40</b>	<b>-</b>
<b>Peralatan Pengangkutan / Transport Equipment</b>	<b>252,266,650</b>	<b>78,146,209</b>	<b>143,800,000</b>	<b>202.00</b>	<b>646,174,622</b>
<b>Pengeluaran Makanan / Food Manufacturing</b>	<b>148,718,906</b>	<b>53,534,000</b>	<b>172,736,801</b>	<b>57.60</b>	<b>39,386,000</b>
<b>Produk Plastik / Plastic Products</b>	<b>76,279,183</b>	<b>41,595,907</b>	<b>164,065,712</b>	<b>83.90</b>	<b>122,327,644</b>
<b>Perabot &amp; Hiasan / Furniture &amp; Fixtures</b>	<b>10,575,422</b>	<b>24,077,600</b>	<b>5,332,000</b>	<b>19.20</b>	<b>2,079,500</b>
<b>Tekstil &amp; Produk Tekstil / Textiles &amp; Textiles Products</b>	<b>25,383,000</b>	<b>13,880,000</b>	<b>-</b>	<b>-</b>	<b>29,988,848</b>
<b>Kimia &amp; Produk Kimia / Chemical &amp; Chemical Products</b>	<b>162,215,656</b>	<b>4,436,961</b>	<b>150,774,251</b>	<b>141.60</b>	<b>52,912,875</b>
<b>Kayu &amp; Produk Kayu / Wood &amp; Wood Products</b>	<b>17,063,391</b>	<b>2,200,000</b>	<b>24,850,000</b>	<b>31.10</b>	<b>85,252,723</b>
<b>Arak &amp; Tembakau / Beverages &amp; Tobacco</b>	<b>31,190,060</b>	<b>-</b>	<b>6,000,000</b>	<b>-</b>	<b>-</b>
<b>Produk Galian Bukan Logam / Non Metallic Mineral Products</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>117,088,370</b>
<b>Pelbagai / Miscellaneous</b>	<b>2,980,000</b>	<b>23,090,826</b>	<b>225,481,675</b>	<b>5.00</b>	<b>-</b>
<b>Jumlah / Total</b>	<b>2,471,455,535</b>	<b>3,912,256,265</b>	<b>8,162,372,366</b>	<b>6,724,30</b>	<b>4,293,890,437</b>

**Nota / Note :**

Hasil tambah mungkin berbeza kerana pembundaran /  
Total differences may occur due to rounding

**Sumber / Source :**

Lembaga Pembangunan Pelaburan Malaysia /  
Malaysian Industrial Development Authority (MIDA)



**PROJEK YANG DILULUSKAN MENGIKUT NEGERI, 2016**  
**MANUFACTURING PROJECT APPROVED BY STATE 2016**

<b>NEGERI / STATE</b>	<b>Bilangan / Number</b>	<b>2016</b>		
		<b>Pelaburan Domestik (RM) / Domestic Investment (RM)</b>	<b>Pelaburan Asing (RM) / Foreign Investment (RM)</b>	<b>Jumlah Pelaburan (RM) / Total Investment (RM)</b>
Johor	165	15,215,538,020	11,195,039,985	26,410,578,005
Sarawak	13	2,463,576,686	2,171,730,846	4,635,307,532
Selangor	242	4,529,119,807	3,351,647,567	7,880,767,374
Pulau Pinang	106	1,236,973,529	3,056,916,908	4,293,890,437
Pahang	19	385,016,257	498,095,003	883,111,260
Kedah	35	615,397,441	1,567,856,898	2,183,254,339
Sabah	19	1,644,530,791	493,576,189	2,138,106,980
Melaka	23	679,280,111	675,495,169	1,354,775,280
Negeri Sembilan	33	288,749,371	1,628,739,876	1,917,489,247
Perak	55	2,843,925,353	1,102,246,895	3,946,172,248
Kelantan	5	238,210,425	276,079,000	514,289,425
Terengganu	5	743,533,720	1,368,716,280	2,112,250,000
Perlis	-	-	-	-
Wilayah Persekutuan Kuala Lumpur / Federal Territory Kuala Lumpur	12	179,937,310	9,029,398	188,966,708
Wilayah Persekutuan Labuan / Federal Territory Labuan	1	11,485,467	22,295,318	33,780,785
<b>Jumlah / Total</b>	<b>733</b>	<b>31,075,274,288</b>	<b>27,417,465,332</b>	<b>58,492,739,620</b>

**Sumber / Source :**  
Lembaga Pembangunan Pelaburan Malaysia /  
Malaysian Industrial Development Authority (MIDA)



PERINDUSTRIAN & PERDAGANGAN / INDUSTRIAL & TRADING

**EKSPORT, IMPORT & IMBANGAN DAGANGAN  
(RM JUTA), PULAU PINANG 2012-2016**

*EXPORT, IMPORT & BALANCE OF TRADE (BOT) (RM MILLION), PENANG 2012-2016*



EKSPORT / EXPORT (RM)



IMPORT / IMPORT (RM)



IMBALAN DAGANGAN / BOT (RM)

**Nota / Note :**

BOT - Imbalan Dagangan / BOT - Balance of Trade

TD : Tidak Diperolehi / Not Available

**Sumber / Source :**

Lembaga Pembangunan Pelaburan Malaysia / Malaysian Industrial Development Authority (MIDA)

\*Jabatan Perangkaan Malaysia / Department of Statistics, Malaysia



**JUMLAH PELABURAN MODAL DOMESTIK DAN ASING BAGI PROJEK PEMBUATAN  
YANG DILULUSKAN MENGIKUT INDUSTRI, PULAU PINANG 2012-2016**  
**TOTAL FOREIGN AND DOMESTIC CAPITAL INVESTMENT IN MANUFACTURING  
SECTOR APPROVED BY INDUSTRY, PENANG 2012-2016**

<b>INDUSTRI / INDUSTRY</b>	<b>2012</b>		
	<b>Pelaburan Domestik / Domestic Investment (RM)</b>	<b>Pelaburan Asing / Foreign Investment (RM)</b>	<b>Jumlah Pelaburan Modal / Total Capital Investment (RM)</b>
Pengeluaran Makanan / Food Manufacturing	143,497,164	5,221,742	148,718,906
Arak & Tembakau / Beverages & Tobacco	31,190,060	0	31,190,060
Tekstil & Produk Tekstil / Textiles & Textiles Products	22,387,800	2,995,200	25,383,000
Kayu & Produk Kayu / Wood & Wood Products	17,063,391	0	17,063,391
Perabot & Hiasan / Furniture & Fixtures	10,575,422	0	10,575,422
Kertas, Percetakan & Penerbitan / Paper, Printing & Publishing	68,491,396	8,106,432	76,597,828
Kimia & Produk Kimia / Chemical & Chemical Products	139,160,000	23,055,656	162,215,656
Produk Getah / Rubber Products	1,838,722	150,000	1,988,722
Produk Plastik / Plastic Products	46,753,625	29,525,558	76,279,183
Produk Asas Besi / Basic Metal Products	163,192,000	0	163,192,000
Produk Besi Yang Difabrikasi / Fabricated Metal Products	83,194,036	33,973,909	117,167,945
Peralatan & Mesin / Machinery & Equipment	170,773,394	133,072,525	303,845,919
Produk Elektronik & Elektrik / Electronics & Electrical Products	226,603,370	845,502,439	1,072,105,809
Peralatan Pengangkutan / Transport Equipment	210,498,660	41,767,990	252,266,650
Peralatan Sains & Ukuran / Scientific & Manufacturing Equipment	6,743,444	3,178,000	9,921,444
Pelbagai / Miscellaneous	2,980,000	0	2,980,000
<b>Jumlah / Total</b>	<b>1,344,942,484</b>	<b>1,126,549,451</b>	<b>2,471,491,935</b>

**Nota / Note :**

Hasil tambah mungkin berbeza kerana pembundaran / Total differences may occur due to rounding

**Sumber / Source :**

Lembaga Pembangunan Pelaburan Malaysia /  
Malaysian Industrial Development Authority (MIDA)

**JUMLAH PELABURAN MODAL DOMESTIK DAN ASING BAGI PROJEK PEMBUATAN  
YANG DILULUSKAN MENGIKUT INDUSTRI, PULAU PINANG 2012-2016**  
**TOTAL FOREIGN AND DOMESTIC CAPITAL INVESTMENT IN MANUFACTURING  
SECTOR APPROVED BY INDUSTRY, PENANG 2012-2016**

<b>INDUSTRI / INDUSTRY</b>	<b>2013</b>		
	<b>Pelaburan Domestik / Domestic Investment (RM)</b>	<b>Pelaburan Asing / Foreign Investment (RM)</b>	<b>Jumlah Pelaburan Modal / Total Capital Investment (RM)</b>
<b>Pengeluaran Makanan / Food Manufacturing</b>	<b>52,698,000</b>	<b>836,000</b>	<b>53,534,000</b>
<b>Arak &amp; Tembakau / Beverages &amp; Tobacco</b>	-	-	-
<b>Tekstil &amp; Produk Tekstil / Textiles &amp; Textiles Products</b>	<b>0</b>	<b>13,880,000</b>	<b>13,880,000</b>
<b>Kayu &amp; Produk Kayu / Wood &amp; Wood Products</b>	<b>2,200,000</b>	<b>0</b>	<b>2,200,000</b>
<b>Perabot &amp; Hiasan / Furniture &amp; Fixtures</b>	<b>24,077,600</b>	<b>0</b>	<b>24,077,600</b>
<b>Kertas, Percetakan &amp; Penerbitan / Paper, Printing &amp; Publishing</b>	<b>191,670,476</b>	<b>14,865,531</b>	<b>206,536,007</b>
<b>Kimia &amp; Produk Kimia / Chemical &amp; Chemical Products</b>	<b>4,436,961</b>	<b>0</b>	<b>4,436,961</b>
<b>Produk Getah / Rubber Products</b>	<b>144,743,184</b>	<b>5,036,816</b>	<b>149,780,000</b>
<b>Produk Plastik / Plastic Products</b>	<b>31,935,907</b>	<b>9,660,000</b>	<b>41,595,907</b>
<b>Produk Asas Besi / Basic Metal Products</b>	<b>581,605,000</b>	<b>5,695,000</b>	<b>587,300,000</b>
<b>Produk Besi Yang Difabrikasi / Fabricated Metal Products</b>	<b>67,721,520</b>	<b>97,975,052</b>	<b>165,696,572</b>
<b>Peralatan &amp; Mesin / Machinery &amp; Equipment</b>	<b>129,615,050</b>	<b>173,454,865</b>	<b>303,069,915</b>
<b>Produk Elektronik &amp; Elektrik / Electronics &amp; Electrical Products</b>	<b>489,689,045</b>	<b>1,185,203,086</b>	<b>1,674,892,131</b>
<b>Peralatan Pengangkutan / Transport Equipment</b>	<b>34,605,349</b>	<b>43,540,860</b>	<b>78,146,209</b>
<b>Peralatan Sains &amp; Ukuran / Scientific &amp; Manufacturing Equipment</b>	<b>351,772,857</b>	<b>232,247,280</b>	<b>584,020,137</b>
<b>Pelbagai / Miscellaneous</b>	<b>11,090,826</b>	<b>12,000,000</b>	<b>23,090,826</b>
<b>Jumlah / Total</b>	<b>2,117,861,774</b>	<b>1,794,394,491</b>	<b>3,912,256,265</b>

**Nota / Note :**

Hasil tambah mungkin berbeza kerbeza kerana pembundaran / Total differences may occur due to rounding

**Sumber / Source :**Lembaga Pembangunan Pelaburan Malaysia /  
Malaysian Industrial Development Authority (MIDA)



**JUMLAH PELABURAN MODAL DOMESTIK DAN ASING BAGI PROJEK PEMBUATAN  
YANG DILULUSKAN MENGIKUT INDUSTRI, PULAU PINANG 2012-2016**  
**TOTAL FOREIGN AND DOMESTIC CAPITAL INVESTMENT IN MANUFACTURING  
SECTOR APPROVED BY INDUSTRY, PENANG 2012-2016**

<b>INDUSTRI / INDUSTRY</b>	<b>2014</b>		
	<b>Pelaburan Domestik / Domestic Investment (RM)</b>	<b>Pelaburan Asing / Foreign Investment (RM)</b>	<b>Jumlah Pelaburan Modal / Total Capital Investment (RM)</b>
Pengeluaran Makanan / Food Manufacturing	123,757,978	48,978,823	172,736,801
Arak & Tembakau / Beverages & Tobacco	6,000,000	-	6,000,000
Tekstil & Produk Tekstil / Textiles & Textiles Products	-	-	-
Kayu & Produk Kayu / Wood & Wood Products	15,941,000	8,909,000	24,850,000
Perabot & Hiasan / Furniture & Fixtures	5,332,000	-	5,332,000
Kertas, Percetakan & Penerbitan / Paper, Printing & Publishing	9,127,890	687,046	9,814,936
Kimia & Produk Kimia / Chemical & Chemical Products	47,978,049	102,796,202	150,774,251
Produk Getah / Rubber Products	1,620,000	-	1,620,000
Produk Plastik / Plastic Products	164,065,712	-	164,065,712
Produk Asas Besi / Basic Metal Products	288,408,180	23,365,970	311,774,150
Produk Besi Yang Difabrikasi / Fabricated Metal Products	251,096,967	13,787,239	264,884,206
Peralatan & Mesin / Machinery & Equipment	1,301,878,605	63,890,571	1,365,769,176
Produk Elektronik & Elektrik / Electronics & Electrical Products	337,059,106	4,470,572,353	4,807,631,459
Peralatan Pengangkutan / Transport Equipment	125,464,800	18,335,200	143,800,000
Peralatan Sains & Ukuran / Scientific & Manufacturing Equipment	272,517,055	235,320,945	507,838,000
Pelbagai / Miscellaneous	98,530,732	126,950,943	225,481,675
<b>Jumlah / Total</b>	<b>3,048,778,074</b>	<b>5,113,594,292</b>	<b>8,162,372,366</b>

**Nota / Note :**

Hasil tambah mungkin berbeza kerana pembundaran / Total differences may occur due to rounding

**Sumber / Source :**Lembaga Pembangunan Pelaburan Malaysia /  
Malaysian Industrial Development Authority (MIDA)

**JUMLAH PELABURAN MODAL DOMESTIK DAN ASING BAGI PROJEK PEMBUATAN  
YANG DILULUSKAN MENGIKUT INDUSTRI, PULAU PINANG 2012-2016**  
**TOTAL FOREIGN AND DOMESTIC CAPITAL INVESTMENT IN MANUFACTURING  
SECTOR APPROVED BY INDUSTRY, PENANG 2012-2016**

<b>INDUSTRI / INDUSTRY</b>	<b>2015</b>		
	<b>Pelaburan Domestik / Domestic Investment [RM Mil]</b>	<b>Pelaburan Asing / Foreign Investment [RM Mil]</b>	<b>Jumlah Petaburan / Total Investment [RM Mil]</b>
<b>Pengeluaran Makanan / Food Manufacturing</b>	<b>54.1</b>	<b>3.5</b>	<b>57.6</b>
<b>Produk Galian Bukan Logam / Non Metallic Mineral Products</b>	<b>970.0</b>	<b>-</b>	<b>970.0</b>
<b>Kulit &amp; Produk Kulit / Leather &amp; Leather Products</b>	<b>9.7</b>	<b>-</b>	<b>9.7</b>
<b>Kayu &amp; Produk Kayu / Wood &amp; Wood Products</b>	<b>28.3</b>	<b>2.8</b>	<b>31.1</b>
<b>Perabot &amp; Hiasan / Furniture &amp; Fixtures</b>	<b>7.7</b>	<b>11.5</b>	<b>19.2</b>
<b>Kertas, Percetakan &amp; Penerbitan / Paper, Printing &amp; Publishing</b>	<b>47.9</b>	<b>3.1</b>	<b>50.9</b>
<b>Kimia &amp; Produk Kimia / Chemical &amp; Chemical Products</b>	<b>39.8</b>	<b>101.8</b>	<b>141.6</b>
<b>Produk Getah / Rubber Products</b>	<b>30.3</b>	<b>0.0</b>	<b>30.4</b>
<b>Produk Plastik / Plastic Products</b>	<b>64.3</b>	<b>19.6</b>	<b>83.9</b>
<b>Produk Asas Besi / Basic Metal Products</b>	<b>153.7</b>	<b>4.5</b>	<b>158.2</b>
<b>Produk Besi Yang Difabrikasi / Fabricated Metal Products</b>	<b>64.7</b>	<b>22.2</b>	<b>86.9</b>
<b>Peralatan &amp; Mesin / Machinery &amp; Equipment</b>	<b>176.0</b>	<b>53.8</b>	<b>229.8</b>
<b>Produk Elektronik &amp; Elektrik / Electronics &amp; Electrical Products</b>	<b>424.5</b>	<b>4,032.4</b>	<b>4,456.9</b>
<b>Peralatan Pengangkutan / Transport Equipment</b>	<b>81.6</b>	<b>120.4</b>	<b>202.0</b>
<b>Peralatan Sains &amp; Ukuran / Scientific &amp; Manufacturing Equipment</b>	<b>67.8</b>	<b>123.1</b>	<b>191.0</b>
<b>Pelbagai / Miscellaneous</b>	<b>5.0</b>	<b>0.0</b>	<b>5.0</b>
<b>Jumlah / Total</b>	<b>2,225.6</b>	<b>4,498.7</b>	<b>6,724.3</b>

**Nota / Note :**

Hasil tambah mungkin berbeza kerana pembundaran / Total differences may occur due to rounding

**Sumber / Source :**Lembaga Pembangunan Pelaburan Malaysia /  
Malaysian Industrial Development Authority (MIDA)



**JUMLAH PELABURAN MODAL DOMESTIK DAN ASING BAGI PROJEK PEMBUATAN  
YANG DILULUSKAN MENGIKUT INDUSTRI, PULAU PINANG 2012-2016**  
**TOTAL FOREIGN AND DOMESTIC CAPITAL INVESTMENT IN MANUFACTURING  
SECTOR APPROVED BY INDUSTRY, PENANG 2012-2016**

<b>INDUSTRI / INDUSTRY</b>	<b>2016</b>		
	<b>Pelaburan Domestik / Domestic Investment (RM)</b>	<b>Pelaburan Asing / Foreign Investment (RM)</b>	<b>Jumlah Petaburan / Total Investment (RM)</b>
Pengeluaran Makanan / Food Manufacturing	33,032,500	6,353,500	39,386,000
Tekstil & Produk Tekstil / Textiles & Textiles Products	2,261,310	27,727,538	29,988,848
Produk Galian Bukan Logam / Non Metallic Mineral Products	16,717,870	100,370,500	117,088,370
Kulit & Produk Kulit / Leather & Leather Products	-	-	-
Kayu & Produk Kayu / Wood & Wood Products	84,954,632	298,091	85,252,723
Perabot & Hiasan / Furniture & Fixtures	2,079,500	0	2,079,500
Kertas, Percetakan & Penerbitan / Paper, Printing & Publishing	55,460,587	1,941,147	57,401,734
Kimia & Produk Kimia / Chemical & Chemical Products	44,962,875	7,950,000	52,912,875
Produk Getah / Rubber Products	-	-	-
Produk Plastik / Plastic Products	97,512,694	24,814,950	122,327,644
Produk Asas Besi / Basic Metal Products	66,238,831	1,165,453	67,404,284
Produk Besi Yang Difabrikasi / Fabricated Metal Products	66,194,762	94,584,450	160,779,212
Peralatan & Mesin / Machinery & Equipment	176,695,057	17,569,728	194,264,785
Produk Elektronik & Elektrik / Electronics & Electrical Products	92,531,757	1,643,007,348	1,735,539,105
Peralatan Pengangkutan / Transport Equipment	463,179,245	182,995,377	646,174,622
Peralatan Sains & Ukuran / Scientific & Manufacturing Equipment	35,151,908	948,138,827	983,290,735
Pelbagai / Miscellaneous	-	-	-
<b>Jumlah / Total</b>	<b>1,236,973,529</b>	<b>3,056,916,908</b>	<b>4,293,890,437</b>

**Nota / Note :**

Hasil tambah mungkin berbeza kerbeza kerbungaran / Total differences may occur due to rounding

**Sumber / Source :**Lembaga Pembangunan Pelaburan Malaysia /  
Malaysian Industrial Development Authority (MIDA)





**GUNA TENAGA**  
LABOUR

# PERANGKAAN UTAMA TENAGA BURUH MENGIKUT INDUSTRI ('000 ORANG), PULAU PINANG 2012-2016

*BROAD STATISTICS OF LABOUR FORCE BY INDUSTRY ('000 PERSONS), PENANG 2012-2016*

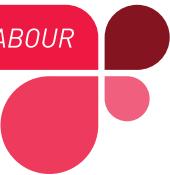
INDUSTRI / INDUSTRY	TAHUN / YEAR				
	2012	2013	2014	2015	2016
Pertanian, Perhutanan dan Perikanan / Agriculture, Forestry and Fisheries	22.80	22.90	17.00	12.10	10.50
Perlombongan dan Pengkuarian / Mining and Quarrying	0.50	1.40	0.40	0.90	0.10
Pembuatan / Manufacturing	240.40	242.10	253.70	283.70	272.50
Bekalan Elektrik, Gas, Wap dan Pendingin Udara / Electricity, Gas, Steam and Air Conditioning Supply	1.40	2.20	2.00	2.70	5.30
Bekalan Air, Pembentungan, Pengurusan Sisa dan Aktiviti Pemulihian / Water Supply; Sewerage, Waste Management and Remediation Activities	4.10	5.80	6.00	4.50	3.30
Pembinaan / Construction	57.50	58.80	53.00	47.30	61.30
Perdagangan Borong & Runcit, Pembaikan Kenderaan Bermotor dan Motosikal / Wholesale & Retail Trade, Repair of Motor Vehicles and Motorcycles	123.20	132.00	128.40	129.70	127.60
Pengangkutan dan Penyimpanan / Transport and Storage	41.20	36.50	36.30	42.20	127.60
Penginapan dan Aktiviti Perkhidmatan Makanan dan Minuman / Accommodation and food service activities	65.40	69.00	88.70	73.20	79.20
Maklumat dan Komunikasi / Information and Communication	5.20	3.80	6.80	5.90	7.80
Aktiviti Kewangan dan Insurans/Takaful / Financial and Insurance/Takaful Activities	17.40	17.60	17.50	21.50	19.60
Aktiviti Hartanah / Real Estate Activities	5.40	5.20	6.20	4.70	7.00
Aktiviti Profesional, Saintifik dan Teknikal / Professional, Scientific and Technical Activities	16.40	18.50	19.50	20.90	19.60
Aktiviti Pentadbiran dan Khidmat Sokongan / Administrative and Support Service Activities	33.30	31.60	35.40	37.00	32.80
Pentadbiran Awam dan Pertahanan; Aktiviti Keselamatan Sosial Wajib / Public Administration and Defence, Compulsory Social Security	28.30	26.20	29.30	29.80	29.10
Pendidikan / Education	40.10	41.70	46.90	48.60	47.20
Aktiviti Kesihatan Kemanusiaan dan Kerja Sosial / Human Health and Social Work Activities	35.40	38.30	34.70	43.80	33.60
Kesenian, Hiburan dan Rekreasi / Arts, Entertainment and Recreation	5.10	6.10	5.00	4.10	5.50
Aktiviti Perkhidmatan Lain / Other Service Activities	12.50	15.90	14.90	12.10	14.20
Aktiviti Isi Rumah Sebagai Majikan / Activities of Households as Employers	14.90	8.50	6.90	9.50	8.40
<b>* JUMLAH / TOTAL</b>	<b>770.50</b>	<b>784.10</b>	<b>808.60</b>	<b>834.20</b>	<b>827.40</b>

**Nota / Note :**

\* - Jumlah termasuk bilangan penduduk bekerja bagi aktiviti badan dan pertubuhan luar /  
Total includes number of employed persons in activities of extraterritorial organizations and bodies

**Sumber / Source :**

Jabatan Perangkaan Malaysia / Department of Statistics, Malaysia



**BILANGAN PENDUDUK BEKERJA MENGIKUT PEKERJAAN ('000 ORANG),  
PULAU PINANG 2012 – 2016**

*NUMBER OF EMPLOYED PERSONS BY OCCUPATION ('000 PERSONS),  
PENANG 2012 – 2016*

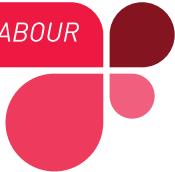
KUMPULAN PEKERJAAN / OCCUPATION GROUP	2012	2013	2014	2015	2016
Pengurus / Managers	52.0	47.6	51.7	41.0	48.6
Profesional / Professionals	73.0	79.6	81.4	91.8	111.3
Juruteknik & Profesional Bersekutu / Technicians & Associate Professionals	100.1	95.0	102.9	110.4	107.0
Pekerja Sokongan Perkeranian / Clerical Support Workers	77.7	83.2	85.5	88.7	84.8
Pekerja Perkhidmatan dan Jualan / Service and Sales Workers	157.9	168.6	189.9	175.5	162.0
Pekerja Mahir Pertanian, Perhutanan dan Perikanan / Skilled Agricultural, Forestry and Fishery Workers	17.2	17.2	11.3	9.7	9.1
Pekerja Kemahiran dan Pekerja Pertukangan Yang Berkaitan / Craft & Related Trades Workers	84.8	87.6	90.1	73.8	83.7
Operator Loji dan Mesin Serta Pemasang / Plant And Machine-Operators & Assemblers	133.9	132.1	128.4	165.9	154.2
<b>PEKERJAAN ASAS / ELEMENTARY OCCUPATION</b>	<b>73.0</b>	<b>73.4</b>	<b>67.7</b>	<b>77.3</b>	<b>66.5</b>
<b>JUMLAH / TOTAL</b>	<b>770.5</b>	<b>784.3</b>	<b>808.8</b>	<b>834.2</b>	<b>827.4</b>

**Sumber / Source :**  
Jabatan Perangkaan Malaysia / Department of Statistics, Malaysia

**LAPORAN PEMBERHENTIAN PEKERJA MELALUI VSS MENGIKUT  
SEKTOR INDUSTRI, PULAU PINANG 2012-2016**  
**WORKER RETRENCHMENTS BY VSS REPORT BY  
INDUSTRY SECTOR, PENANG 2012-2016**

SEKTOR / SECTOR	BIL. MAJIKAN / NO. OF EMPLOYER	2012					
		TEMPATAN / LOCAL	ASING / FOREIGN	JUMLAH / TOTAL			
		LELAKI / MALE	PEREMPUAN / FEMALE	LELAKI / MALE	PEREMPUAN / FEMALE	TEMPATAN / LOCAL	ASING / FOREIGN
Pembuatan / <i>Manufacturing</i>	17	490	365	2	0	855	2
Perniagaan / <i>Business</i>	0	0	0	0	0	0	0
Perkhidmatan / <i>Services</i>	3	41	65	0	0	106	0
Pembinaan / <i>Construction</i>	0	0	0	0	0	0	0
Pengangkutan / <i>Transportation</i>	0	0	0	0	0	0	0
JUMLAH / TOTAL	20	531	430	2	0	961	2

Sumber / Source :  
 Jabatan Tenaga Kerja Negeri Pulau Pinang / Penang Labour Department



**LAPORAN PEMBERHENTIAN PEKERJA MELALUI VSS MENGIKUT  
SEKTOR INDUSTRI, PULAU PINANG 2012-2016**  
*WORKER RETRENCHMENTS BY VSS REPORT BY  
INDUSTRY SECTOR, PENANG 2012-2016*

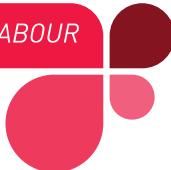
SEKTOR / SECTOR	BIL. MAJIKAN / NO. OF EMPLOYER	2013					
		TEMPATAN / LOCAL	ASING / FOREIGN	JUMLAH / TOTAL			
		LELAKI / MALE	PEREMPUAN / FEMALE	LELAKI / MALE	PEREMPUAN / FEMALE	TEMPATAN / LOCAL	ASING / FOREIGN
Pembuatan / <i>Manufacturing</i>	22	504	264	22	0	768	790
Perniagaan / <i>Business</i>	2	29	10	0	0	39	39
Perkhidmatan / <i>Services</i>	6	18	24	0	0	42	42
Pembinaan / <i>Construction</i>	0	0	0	0	0	0	0
Pengangkutan / <i>Transportation</i>	0	0	0	0	0	0	0
JUMLAH / TOTAL	30	551	298	22	0	849	871

**Sumber / Source :**  
Jabatan Tenaga Kerja Negeri Pulau Pinang / Penang Labour Department

**LAPORAN PEMBERHENTIAN PEKERJA MELALUI VSS MENGIKUT  
SEKTOR INDUSTRI, PULAU PINANG 2012-2016**  
**WORKER RETRENCHMENTS BY VSS REPORT BY  
INDUSTRY SECTOR, PENANG 2012-2016**

SEKTOR / SECTOR	2014						JUMLAH / TOTAL
	BIL. MAJIKAN / NO. OF EMPLOYER	TEMPATAN / LOCAL LELAKI / MALE	PEREMPUAN / FEMALE	ASING / FOREIGN LELAKI / MALE	PEREMPUAN / FEMALE	TEMPATAN / LOCAL	
Pembuatan / <i>Manufacturing</i>	19	263	246	3	5	509	8
Perniagaan / <i>Business</i>	1	1	1	0	0	2	0
Perkhidmatan / <i>Services</i>	6	175	5	0	0	180	0
Pembinaan / <i>Construction</i>	0	0	0	0	0	0	0
Pengangkutan / <i>Transportation</i>	0	0	0	0	0	0	0
JUMLAH / TOTAL	26	439	252	3	5	691	8

**Sumber / Source :**  
 Jabatan Tenaga Kerja Negeri Pulau Pinang / Penang Labour Department



**LAPORAN PEMBERHENTIAN PEKERJA MELALUI VSS MENGIKUT  
SEKTOR INDUSTRI, PULAU PINANG 2012-2016**  
*WORKER RETRENCHMENTS BY VSS REPORT BY  
INDUSTRY SECTOR, PENANG 2012-2016*

SEKTOR / SECTOR	BIL. MAJIKAN / NO. OF EMPLOYER	2015					
		TEMPATAN / LOCAL	ASING / FOREIGN	JUMLAH / TOTAL			
		LELAKI / MALE	PEREMPUAN / FEMALE	LELAKI / MALE	PEREMPUAN / FEMALE	TEMPATAN / LOCAL	ASING / FOREIGN
Pembuatan / <i>Manufacturing</i>	19	283	196	2	24	479	26
Perniagaan / <i>Business</i>	1	1	0	0	0	1	0
Perkhidmatan / <i>Services</i>	7	12	3	0	0	15	0
Pembinaan / <i>Construction</i>	0	0	0	0	0	0	0
Pengangkutan / <i>Transportation</i>	0	0	0	0	0	0	0
JUMLAH / TOTAL	27	296	199	2	24	495	26

**Sumber / Source :**  
Jabatan Tenaga Kerja Negeri Pulau Pinang / Penang Labour Department

**LAPORAN PEMBERHENTIAN PEKERJA MELALUI VSS MENGIKUT  
SEKTOR INDUSTRI, PULAU PINANG 2012-2016**  
**WORKER RETRENCHMENTS BY VSS REPORT BY  
INDUSTRY SECTOR, PENANG 2012-2016**

SEKTOR / SECTOR	2016						JUMLAH / TOTAL
	BIL. MAJIKAN / NO. OF EMPLOYER	TEMPATAN / LOCAL LELAKI / MALE	PEREMPUAN / FEMALE	ASING / FOREIGN LELAKI / MALE	PEREMPUAN / FEMALE	TEMPATAN / LOCAL	
Pembuatan / <i>Manufacturing</i>	10	494	370	0	0	864	0
Perniagaan / <i>Business</i>	0	0	0	0	0	0	0
Perkhidmatan / <i>Services</i>	6	11	3	0	0	14	0
Pembinaan / <i>Construction</i>	0	0	0	0	0	0	0
Pengangkutan / <i>Transportation</i>	0	0	0	0	0	0	0
JUMLAH / TOTAL	16	505	373	0	0	878	0

**Sumber / Source :**  
 Jabatan Tenaga Kerja Negeri Pulau Pinang / Penang Labour Department



**LAPORAN PEMBERHENTIAN PEKERJA MENGIKUT SEKTOR,  
PULAU PINANG 2012 – 2016**  
*RETRENCHMENT REPORT BY SECTOR, PENANG 2012 – 2016*

SEKTOR / SECTOR	BIL. MAJIKAN / NO. OF EMPLOYER	2012						JUMLAH / TOTAL ASING / FOREIGN	KESELU- RUHAN / OVERALL
		TEMPATAN / LOCAL LELAKI / MALE	PEREMPUAN / FEMALE	ASING / FOREIGN LELAKI / MALE	PEREMPUAN / FEMALE	TEMPATAN / LOCAL			
Pembuatan / <i>Manufacturing</i>	49	433	466	67	6	899	73	972	
Perniagaan / <i>Business</i>	10	64	49	0	0	113	0	113	
Perkhidmatan / <i>Services</i>	21	95	86	0	0	181	0	181	
Pembinaan / <i>Construction</i>	0	0	0	0	0	0	0	0	
Pengangkutan / <i>Transportation</i>	0	0	0	0	0	0	0	0	
JUMLAH / TOTAL	80	592	601	67	6	1,193	73	1,266	

**Sumber / Source :**  
Jabatan Tenaga Kerja Negeri Pulau Pinang / Penang Labour Department

**LAPORAN PEMBERHENTIAN PEKERJA MENGIKUT SEKTOR,  
PULAU PINANG 2012 – 2016**  
**RETRENCHMENT REPORT BY SECTOR, PENANG 2012 – 2016**

SEKTOR / SECTOR	BIL. MAJIKAN / NO. OF EMPLOYER	2013						KESELU- RUHAN / OVERALL
		TEMPATAN / LOCAL	ASING / FOREIGN	JUMLAH / TOTAL	PEREMPUAN / FEMALE	LELAKI / MALE	PEREMPUAN / FEMALE	TEMPATAN / LOCAL
Pembuatan / <i>Manufacturing</i>	47	468	447	915	188	132	220	1,135
Perniagaan / <i>Business</i>	9	48	48	79	0	0	0	79
Perkhidmatan / <i>Services</i>	18	146	144	197	0	0	0	197
Pembinaan / <i>Construction</i>	5	39	39	52	0	0	0	52
Pengangkutan / <i>Transportation</i>	3	41	41	63	0	0	0	63
JUMLAH / TOTAL	82	742	742	1,306	188	132	220	1,526

Sumber / Source :  
 Jabatan Tenaga Kerja Negeri Pulau Pinang / Penang Labour Department



**LAPORAN PEMBERHENTIAN PEKERJA MENGIKUT SEKTOR,  
PULAU PINANG 2012 – 2016**  
*RETRENCHMENT REPORT BY SECTOR, PENANG 2012 – 2016*

SEKTOR / SECTOR	BIL. MAJIKAN / NO. OF EMPLOYER	2014								
		TEMPATAN / LOCAL	ASING / FOREIGN	JUMLAH / TOTAL	KESELU- RUHAN / OVERALL	LELAKI / MALE	PEREMPUAN / FEMALE	LELAKI / MALE	PEREMPUAN / FEMALE	TEMPATAN / LOCAL
Pembuatan / <i>Manufacturing</i>	18	281	126	0	16	407	16	423		
Perniagaan / <i>Business</i>	19	122	51	0	0	173	0	173		
Perkhidmatan / <i>Services</i>	28	98	65	0	7	163	7	170		
Pembinaan / <i>Construction</i>	1	13	7	2	0	20	2	22		
Pengangkutan / <i>Transportation</i>	1	12	5	0	0	17	0	17		
JUMLAH / TOTAL	67	526	254	2	23	780	25	805		

**Sumber / Source :**  
Jabatan Tenaga Kerja Negeri Pulau Pinang / Penang Labour Department

**LAPORAN PEMBERHENTIAN PEKERJA MENGIKUT SEKTOR,  
PULAU PINANG 2012 – 2016**  
**RETRENCHMENT REPORT BY SECTOR, PENANG 2012 – 2016**

SEKTOR / SECTOR	BIL. MAJIKAN / NO. OF EMPLOYER	2015						JUMLAH / TOTAL	KESELU- RUHAN / OVERALL
		TEMPATAN / LOCAL	ASING / FOREIGN	TEMPATAN / LOCAL	ASING / FOREIGN	KESELU- RUHAN / OVERALL			
LELAKI / MALE	PEREMPUAN / FEMALE	LELAKI / MALE	PEREMPUAN / FEMALE	TEMPATAN / LOCAL	ASING / FOREIGN	KESELU- RUHAN / OVERALL	TEMPATAN / LOCAL	ASING / FOREIGN	KESELU- RUHAN / OVERALL
Pembuatan / <i>Manufacturing</i>	23	289	386	3	6	784	775	9	784
Perniagaan / <i>Business</i>	12	54	14	0	0	68	68	0	68
Perkhidmatan / <i>Services</i>	21	63	44	0	0	236	0	0	0
Pembinaan / <i>Construction</i>	0	0	0	0	0	0	0	0	0
Pengangkutan / <i>Transportation</i>	0	0	0	0	0	0	0	0	0
JUMLAH / TOTAL	56	635	444	3	6	1,088	1,079	9	1,088

Sumber / Source :  
 Jabatan Tenaga Kerja Negeri Pulau Pinang / Penang Labour Department

**LAPORAN PEMBERHENTIAN PEKERJA MENGIKUT SEKTOR,  
PULAU PINANG 2012 – 2016**  
**RETRENCHMENT REPORT BY SECTOR, PENANG 2012 – 2016**

SEKTOR / SECTOR	BIL. MAJIKAN / NO. OF EMPLOYER	2016						JUMLAH / TOTAL KESELU- RUHAN / OVERALL
		TEMPATAN / LOCAL LELAKI / MALE	PEREMPUAN / FEMALE	ASING / FOREIGN LELAKI / MALE	PEREMPUAN / FEMALE	TEMPATAN / LOCAL	ASING / FOREIGN	
Pembuatan / <i>Manufacturing</i>	67	1,430	1,218	64	954	2,648	1,018	3,666
Perniagaan / <i>Business</i>	18	57	66	0	0	123	0	123
Perkhidmatan / <i>Services</i>	25	157	94	5	0	251	5	256
Pembinaan / <i>Construction</i>	0	0	0	0	0	0	0	0
Pengangkutan / <i>Transportation</i>	0	0	0	0	0	0	0	0
JUMLAH / TOTAL	110	1,644	1,378	69	954	3,022	1,023	4,045

Sumber / Source :  
 Jabatan Tenaga Kerja Negeri Pulau Pinang / Penang Labour Department

## JUMLAH KELULUSAN PAS LAWATAN KERJA SEMENTARA (PLKS), PULAU PINANG 2012 – 2016

TEMPORARY WORK VISIT PASS (TWVP) APPROVALS , PENANG 2012 – 2016

SEKTOR / SECTOR	TAHUN / YEAR				
	2012	2013	2014	2015	2016
Barangan Logam / Metal Product	462	390	TD	TD	TD
Dobi / Laundry	6	5	TD	TD	TD
Padang Golf / Golf Course	0	0	TD	TD	TD
Gunting Rambut / Barber shop	241	227	TD	TD	TD
Pembantu Rumah / Maid	14,204	15,929	10,569	7,293	1,634
Pembinaan / Construction	7,097	7,556	27,189	10,605	1,735
Pembuatan / Manufacturing	64,198	72,509	42,831	20,831	149
Pencucian / Cleaning	3,658	3,893	TD	TD	TD
Pengangkutan Kargo / Cargo Transportation	37	35	TD	TD	TD
Perkhidmatan / Services	4,588	3,997	23,449	13,148	3,224
Industri SPA / SPA Industry	102	146	TD	TD	TD
Perlادangan / Farming	525	607	4,586	3,042	43
Runcit & Borong / Retail & Wholesale	578	523	TD	TD	TD
Perniagaan Tekstil / Textile Business	127	72	TD	TD	TD
Pertanian / Agriculture	2,654	2,763	10,101	5,271	529
Restoran / Restaurants	3,268	3,289	3,289	3,289	TD
Kebajikan / Welfare	0	0	TD	TD	TD
Hotel / Hotels	0	0	TD	TD	TD
Rumah Kebajikan / Welfare Homes	3	2	TD	TD	TD
Kedi / Caddy	3	0	TD	TD	TD
Lain-lain / Others	0	0	46,160	29,613	16,421
<b>JUMLAH / TOTAL</b>	<b>101,751</b>	<b>111,943</b>	<b>164,885</b>	<b>89,803</b>	<b>23,735</b>

**Nota / Note :**

TD - Tiada Data / Not Applicable

**Sumber / Source :**

Jabatan Imigresen Pulau Pinang / Immigration Department of Penang



13



**SOSIAL**  
SOCIAL

**PERANGKAAN ASAS MASJID DAN SURAU MENGIKUT DAERAH,  
PULAU PINANG SEHINGGA MAC 2017**  
**BASIC STATISTICS OF MOSQUES AND SURAUS BY DISTRICT,  
PENANG UNTIL MARCH 2017**

DAERAH / DISTRICT	Timur Laut / North East		Barat Daya / South West		Seberang Perai Utara (Butterworth) / Northern Seberang Perai (Butterworth)		Seberang Perai Utara (Kepala Batas) / Northern Seberang Perai (Kepala Batas)		Seberang Perai Tengah / Central Seberang Perai		Seberang Perai Selatan / Southern Seberang Perai		Jumlah / Total
	Masjid Qaryah / Kariah Mosque	Masjid Daerah / District Mosque	Masjid Qaryah / Kariah Mosque	Masjid Daerah / District Mosque	Masjid Qaryah / Kariah Mosque	Masjid Daerah / District Mosque	Masjid Qaryah / Kariah Mosque	Masjid Daerah / District Mosque	Masjid Qaryah / Kariah Mosque	Masjid Daerah / District Mosque	Masjid Qaryah / Kariah Mosque	Masjid Daerah / District Mosque	
Masjid / Mosque	35	1	25	1	45	1	28	1	47	1	25	1	211
Jawatankuasa Kariah / Kariah Committee Of The Mosque	510	15	375	16	645	16	420	16	690	15	360	17	3,095
Imam / Imam	70	7	58	5	89	7	58	8	81	7	48	6	444
Bilal / Bilal	54	3	47	0	75	1	42	1	79	2	39	2	345
Siak / Siak	56	3	50	3	87	3	54	2	86	3	44	2	393
Guru Takmir / Takmir Teacher	25		27		47		24		48		27		198
Surau / Surau	96		47		91		46		125		67		472

Sumber / Source :

Jabatan Hal Ehwal Agama Islam Pulau Pinang / Department of Islamic Religious Affairs , Penang



## RUMAH IBADAT BUKAN ISLAM (RIBI), PULAU PINANG SEHINGGA 2016 HOUSES OF WORSHIP, PENANG UNTIL 2016

TEMPAT IBADAT / WORSHIP HOUSE	2016						JUMLAH / TOTAL	
	DAERAH / DISTRICT							
	Timur Laut / North East	Barat Daya / South West	Seberang Perai Utara / Northern Seberang Perai	Seberang Perai Tengah / Central Seberang Perai	Seberang Perai Selatan / Southern Seberang Perai			
Gereja / Church	44	2	8	14	4		72	
Tokong / Buddhist Temple	265	58	83	104	66		576	
Kuil / Hindu Temple	101	12	41	42	70		266	
Wat / Buddhist Temple (Siam)	13	3	1	8	2		27	

Sumber / Source :  
Jabatan Perancang Bandar Dan Desa / Town and Country Planning Department, Penang

## STATISTIK PERKAHWINAN DAN PENCERAIAN ORANG ISLAM DAN ORANG BUKAN ISLAM, PULAU PINANG 2012-2016 STATISTICS ON REGISTERED MARRIAGES AND DIVORCES FOR MUSLIMS AND NON-MUSLIMS, PENANG 2012-2016

KAHWIN / MARRIAGE	ISLAM / MUSLIMS	4,132	•	4,355	•	4,522	•	5,118	•	5,355
	BUKAN ISLAM / NON-MUSLIMS	5,156	•	4,364	•	4,654	•	4,388	•	4,292
	JUMLAH / TOTAL	9,288	•	8,719	•	9,176	•	9,506	•	9,647
TAHUN / YEAR	2012	•	2013	•	2014	•	2015	•	2016	
CERAI / DIVORCE	ISLAM / MUSLIMS	1,242	•	1,374	•	1,292	•	1,311	•	1,666
	BUKAN ISLAM / NON-MUSLIMS	1,088	•	866	•	1,052	•	920	•	1,030
	JUMLAH / TOTAL	2,330	•	2,240	•	2,344	•	2,231	•	2,696

Sumber / Source :  
Jabatan Hal Ehwal Agama Islam Pulau Pinang / Department of Islamic Religious Affairs, Penang  
Jabatan Pendaftaran Negara, Malaysia / National Registration Department, Malaysia

## STATISTIK NIKAH DAN CERAI BAGI ORANG ISLAM MENGIKUT DAERAH, PULAU PINANG 2012 – 2016

STATISTICS ON MARRIAGES AND DIVORCES FOR MUSLIMS BY DISTRICT,  
PENANG 2012 – 2016

DAERAH / DISTRICT	TAHUN / YEAR									
	2012		2013		2014		2015		2016	
	Nikah / Marriage	Cerai / Divorce								
Timur Laut / North East	394	246	419	267	684	237	907	222	909	374
Barat Daya / South West	812	274	781	329	756	298	850	274	900	334
Seberang Perai Utara / Northern Seberang Perai	1,237	302	1,476	335	1,262	294	1,516	346	1,568	428
Seberang Perai Tengah / Central Seberang Perai	1,182	320	1,186	310	1,266	353	1,266	336	1,403	363
Seberang Perai Selatan / Southern Seberang Perai	507	100	493	133	554	110	579	133	575	167
JUMLAH / TOTAL	4,132	1,242	4,355	1,374	4,522	1,292	5,118	1,311	5,355	1,666

Sumber / Source :  
Jabatan Hal Ehwal Agama Islam Pulau Pinang / Department Of Islamic Religious Affairs, Penang



**STATISTIK PERKAHWINAN DAN PENCERAIAN BUKAN ISLAM YANG  
DIDAFTARKAN MENGIKUT AGAMA, PULAU PINANG 2012-2016**  
*STATISTICS ON MARRIAGES AND DIVORCES FOR NON MUSLIMS BY RELIGION,  
PENANG 2012 – 2016*

22,854	5,156	4,364	4,654	4,388	4,292	KAHWIN / MARRIAGE
JUMLAH / TOTAL	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	TAHUN / YEAR
4,956	1,088	866	1,052	920	1,030	CERAI / DIVORCE

**Sumber / Source :**  
Jabatan Pendaftaran Negara, Malaysia / National Registration Department, Malaysia

**STATISTIK PERKAHWINAN DAN PENCERAIAN BUKAN ISLAM YANG DIDAFTARKAN OLEH  
JABATAN PENDAFTARAN NEGARA MENGIKUT AGAMA, DI NEGERI PULAU PINANG 2012-2016**  
*STATISTICS ON REGISTERED MARRIAGES AND DIVORCES FOR NON-MUSLIMS BY NATIONAL  
REGISTRATION DEPARTMENT ACCORDING TO RELIGION, PENANG 2012-2016*

DAERAH / DISTRICT	TAHUN / YEAR									
	2012		2013		2014		2015		2016	
	Kahwin / Marriage	Cerai / Divorce								
Buddha / Buddhism	3,898	830	3,169	681	3,425	836	3,247	732	3,131	798
Hindu / Hinduism	754	151	753	120	793	145	726	126	807	141
Kristian / Christian	421	69	350	42	369	56	355	355	303	65
Lain-Lain / Others	83	38	92	23	67	15	60	60	51	26
JUMLAH / TOTAL	5,156	1,088	4,364	866	4,654	1,052	4,388	920	4,292	1,030

**Sumber / Source :**  
Jabatan Pendaftaran Negara, Malaysia / National Registration Department, Malaysia





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