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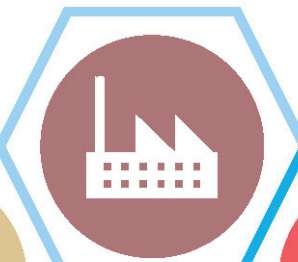
BANCI EKONOMI **2016** *ECONOMIC CENSUS*

PEMBINAAN *CONSTRUCTION*

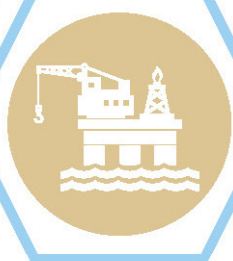
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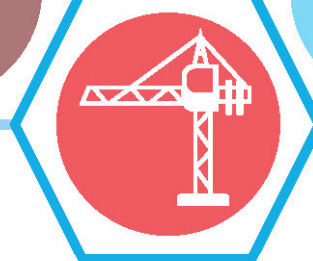
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PERKHIDMATAN
SERVICES



**PERLOMBONGAN
DAN PENGKUARIAN**
MINING AND QUARRYING



PEMBINAAN
CONSTRUCTION



JABATAN PERANGKAAAN MALAYSIA
DEPARTMENT OF STATISTICS, MALAYSIA

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MALAYSIA

BANCI EKONOMI
ECONOMIC CENSUS
2016

PEMBINAAN
CONSTRUCTION

JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS, MALAYSIA

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Pengguna yang mengeluarkan sebarang maklumat dari terbitan ini sama ada yang asal atau diolah semula hendaklah meletakkan kenyataan berikut:
"Sumber: Jabatan Perangkaan Malaysia".

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KATA PENGANTAR

Penerbitan ini memaparkan perangkaan bagi sektor pembinaan yang diperoleh daripada Banci Ekonomi 2016 bagi tahun rujukan 2015. Sektor ini meliputi semua industri dalam Seksyen F yang dikelaskan di bawah Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Ver. 1.0, selaras dengan Piawaian Klasifikasi Industri Antarabangsa bagi Semua Aktiviti Ekonomi (ISIC), Semakan Ke-4, 2008. Kali terakhir banci ini dijalankan adalah pada tahun 2011 bagi tahun rujukan 2010.

Data utama yang berkaitan dengan nilai output kasar, nilai input perantaraan, nilai ditambah, bilangan pekerja, gaji & upah dan nilai harta tetap dilaporkan dalam penerbitan ini. Maklumat pekerja mengikut kelulusan dan pemilikan wanita turut dipaparkan. Data tersebut boleh digunakan oleh agensi kerajaan, ahli ekonomi, ahli akademik, pihak swasta serta individu bagi tujuan membuat perancangan dan penggubalan dasar, analisis ekonomi, unjuran dan dapat membantu merancang pembangunan perniagaan.

Penerbitan ini dibahagikan kepada tiga bahagian. Bahagian pertama memaparkan hasil penemuan bagi keseluruhan sektor pembinaan. Aspek teknikal seperti skop dan liputan, konsep dan definisi serta pembolehubah utama yang digunakan diterangkan di bahagian kedua bagi memudahkan pengguna memahami statistik yang diterbitkan, manakala bahagian ketiga pula memaparkan jadual perangkaan terperinci.

Jabatan merakamkan setinggi-tinggi penghargaan kepada semua pihak yang terlibat secara langsung dan tidak langsung dalam merealisasikan penerbitan Banci Ekonomi 2016 ini. Setiap maklum balas dan cadangan untuk penambahbaikan laporan ini pada masa akan datang amat dihargai.

DR. MOHD UZIR BIN MAHIDIN

Ketua Perangkawan Malaysia

Julai 2017

PREFACE

This publication presents statistics on construction sector obtained from the Economic Census 2016 for reference year 2015. This sector covered all industries in Section F classified under the Standard Industrial Classification (MSIC) 2008 Ver. 1.0, in accordance with the International Standard Industrial Classification of All Economic Activities (ISIC), Revision 4, 2008. The last census was conducted in 2011 for reference year 2010.

Key data related to value of gross output, intermediate input, value added, number of persons engaged, salaries & wages and value of fixed assets are reported in this publication. Information on number of persons engaged by qualification and women ownership are also published. These data can be used by government agencies, economists, academicians, private sectors and individuals for planning and formulations policies, economic analysis, projections and to assist in business development planning.

This publication is divided into three parts. The first part displays the findings for the entire construction sector. Technical aspects such as scope and coverage, concepts and definitions as well as the key variables used are describes in the second part to assist users to understand the published statistics. Meanwhile, the third part provides the detailed statistical tables.

Department expressed gratitude to those who have contributed directly and indirectly to this Economic Census 2016 publication. Every feedback and suggestion towards improving future reports is highly appreciated.

DR. MOHD UZIR BIN MAHIDIN

Chief Statistician Malaysia

July 2017

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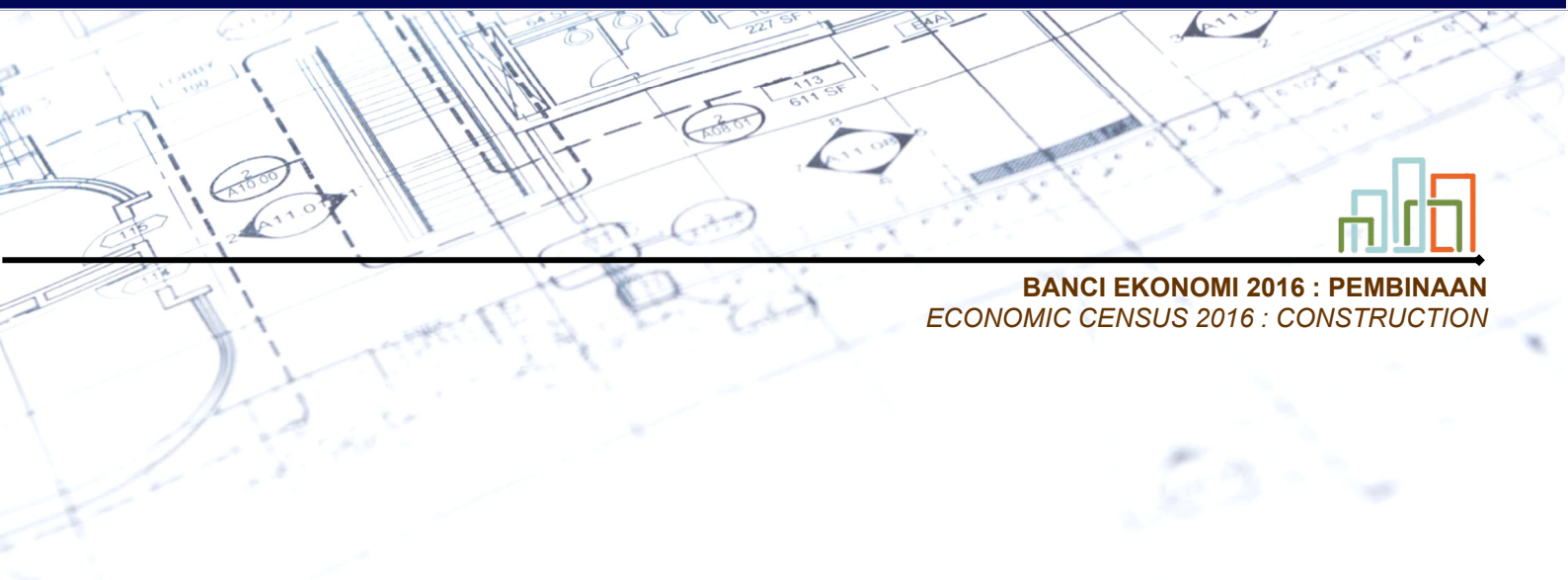
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PART 1

PENEMUAN UTAMA

MAIN FINDINGS

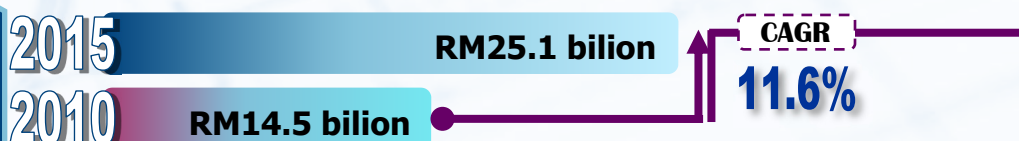
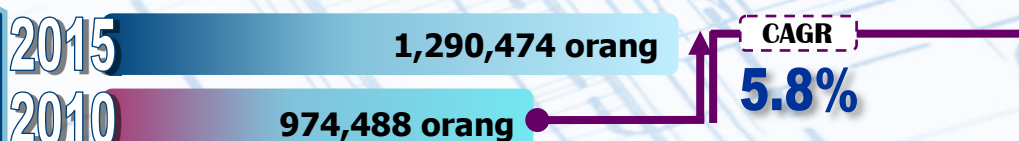
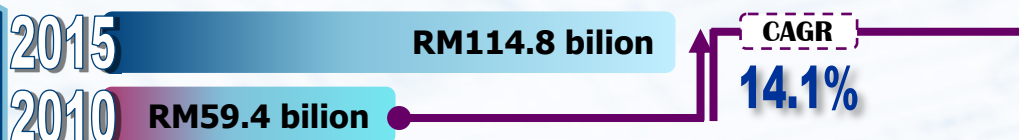
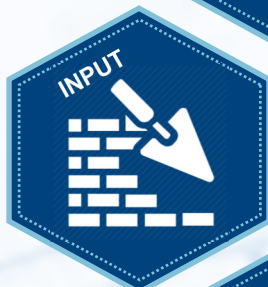
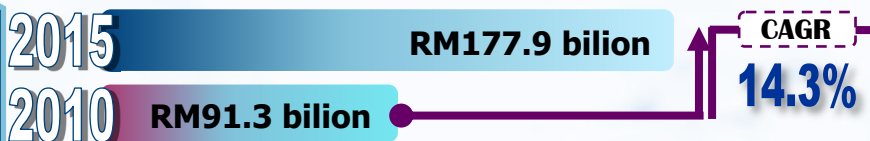


BANCI EKONOMI 2016 : PEMBINAAN
ECONOMIC CENSUS 2016 : CONSTRUCTION

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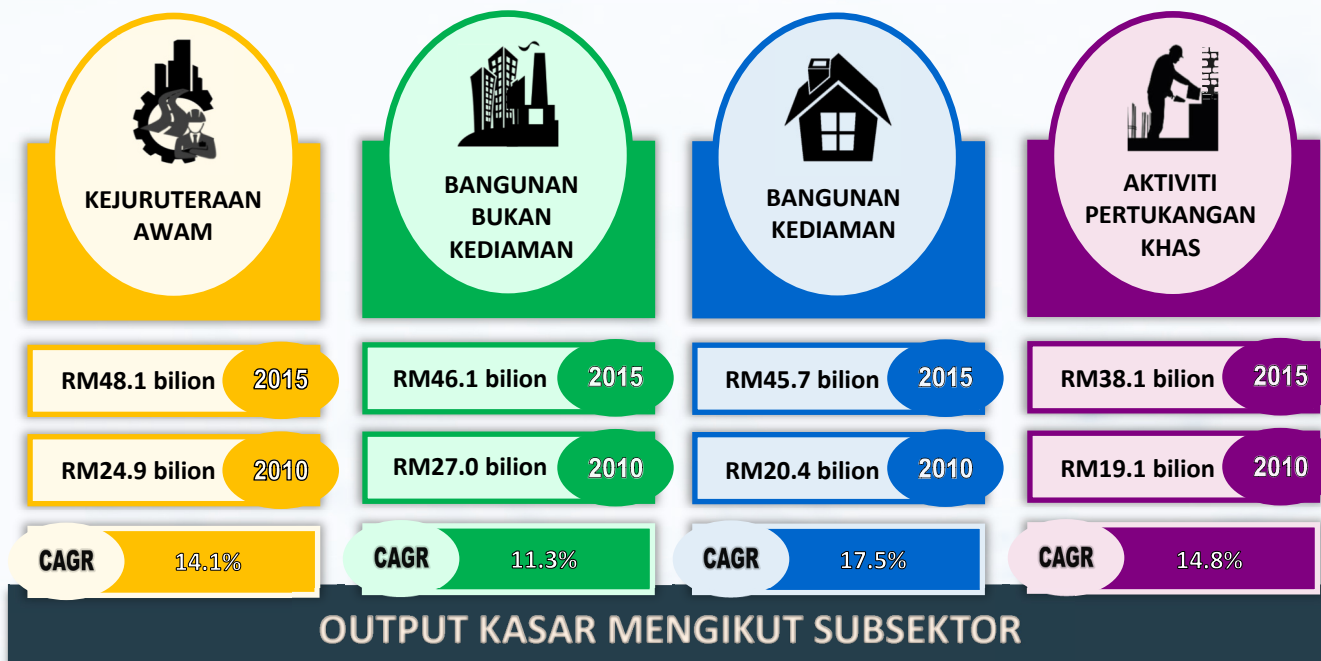
PENEMUAN UTAMA SEKTOR PEMBINAAN, 2015



CAGR Merujuk kepada kadar pertumbuhan tahunan dikompaun dari tahun 2010 ke 2015



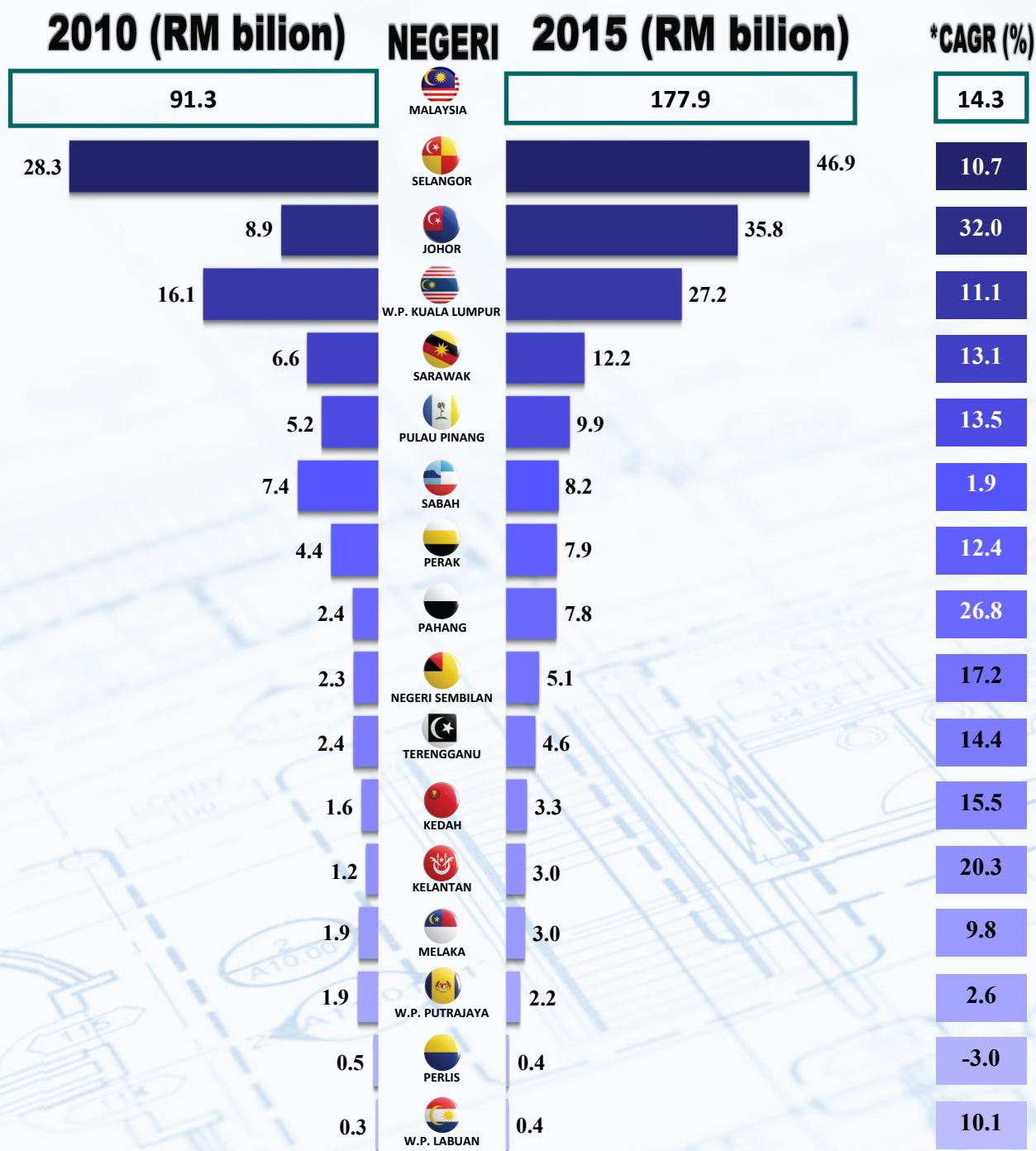
PRESTASI SUBSEKTOR PEMBINAAN, 2015



2010	SUBSEKTOR	2015	CAGR 2010-2015
 251,793 orang  RM5.2 bilion	 KEJURUTERAAN AWAM	 325,741 orang  RM8.5 bilion	5.3% 10.3%
 285,695 orang  RM5.9 bilion	 BANGUNAN BUKAN KEDIAMAN	 325,473 orang  RM8.3 bilion	2.6% 7.0%
 223,163 orang  RM4.6 bilion	 BANGUNAN KEDIAMAN	 329,088 orang  RM8.5 bilion	8.1% 13.4%
 213,837 orang  RM4.2 bilion	 AKTIVITI PERTUKANGAN KHAS	 310,172 orang  RM7.5 bilion	7.7% 12.7%



OUTPUT KASAR SEKTOR PEMBINAAN MENGIKUT NEGERI



*CAGR Merujuk kepada kadar pertumbuhan tahunan dikompaun dari tahun 2010 ke 2015



BILANGAN PEKERJA SEKTOR PEMBINAAN, 2015

PEKERJA LELAKI

2015 **1,192,576** CAGR 5.3%
 2010 **921,265**

Pemilik & Pekerja Keluarga 2015 **19,457** CAGR 8.5%
 2010 **12,964**

Pekerja Sepenuh Masa 2015 **1,167,194** CAGR 5.5%
 2010 **894,712**

Pekerja Sambilan 2015 **5,925** CAGR -15.3%
 2010 **13,589**

(Orang)



PEKERJA PEREMPUAN

CAGR 13.0% 2015 **97,898**
 2010 **53,223**

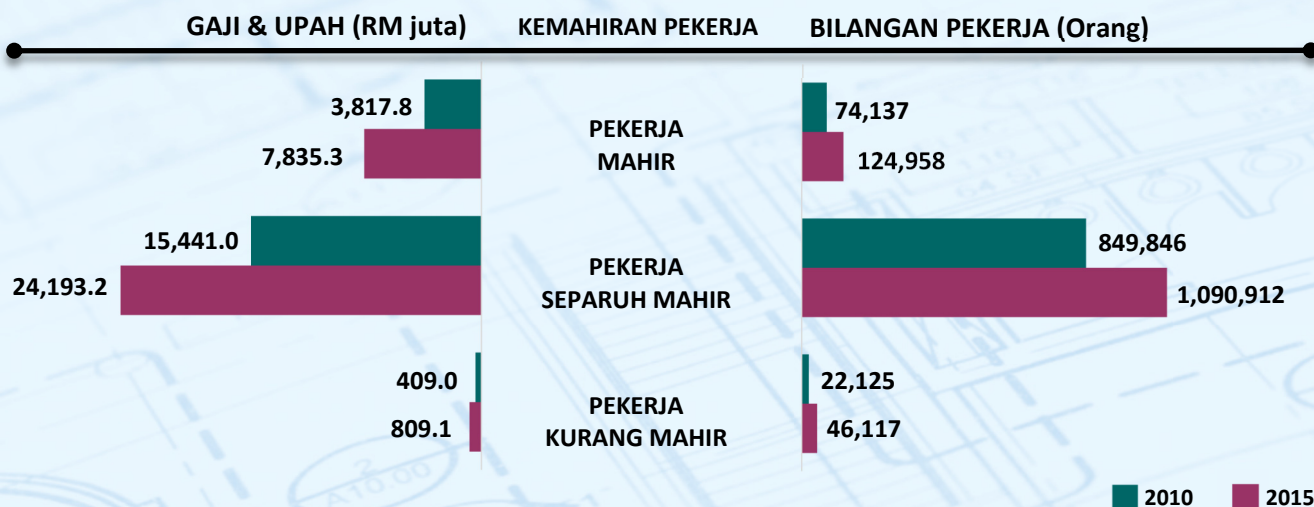
CAGR 21.3% 2015 **2,710** CAGR 21.3%
 2010 **1,033** 2015 Pemilik & Pekerja Keluarga

CAGR 13.0% 2015 **94,793** CAGR 13.0%
 2010 **51,396** 2015 Pekerja Sepenuh Masa

CAGR -13.0% 2015 **395** CAGR -13.0%
 2010 **794** 2015 Pekerja Sambilan

(Orang)

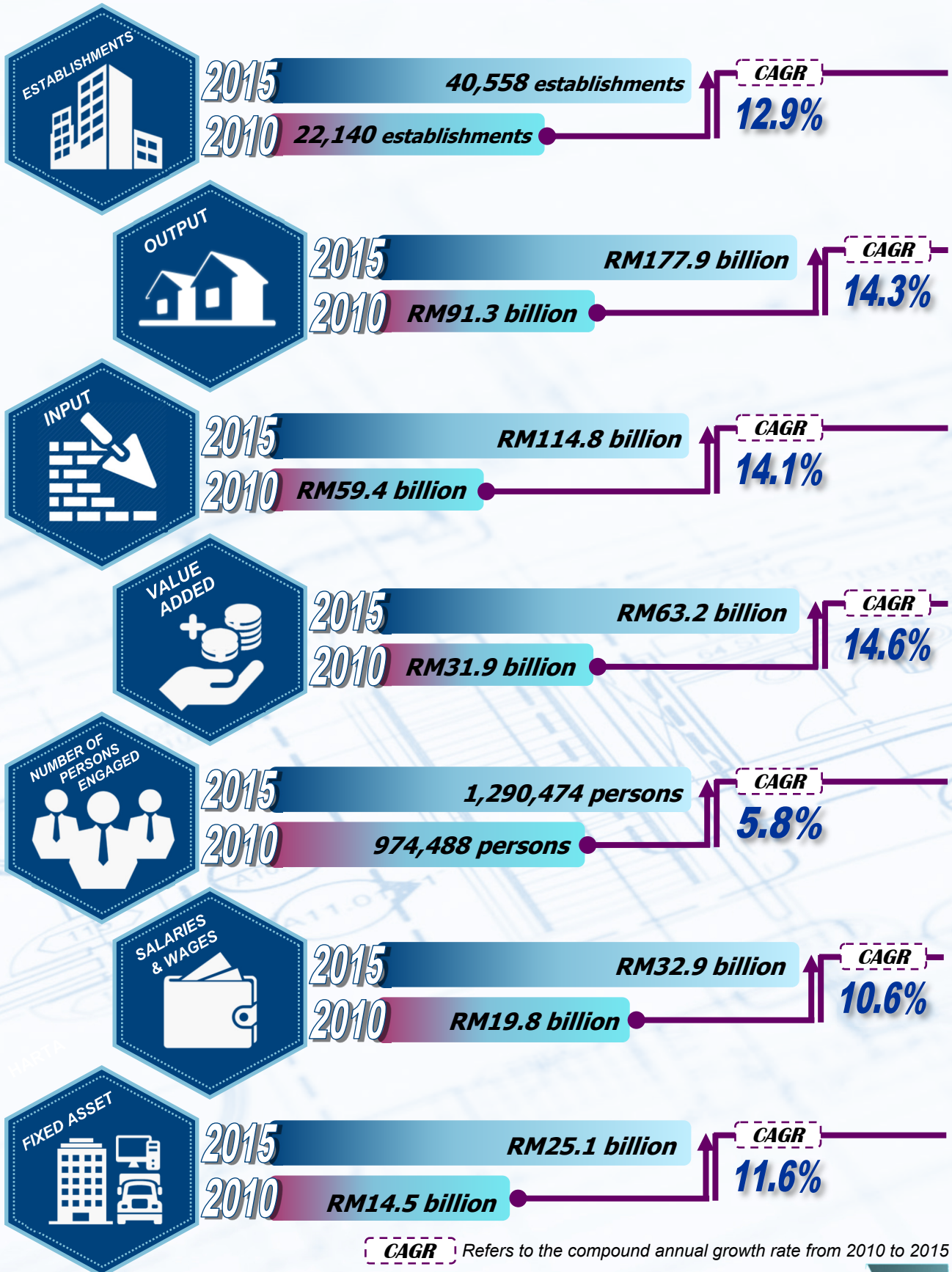
BILANGAN PEKERJA DAN GAJI & UPAH MENGIKUT KEMAHIRAN PEKERJA



PERTUBUHAN MILIKAN WANITA
 CAGR = 13.8%

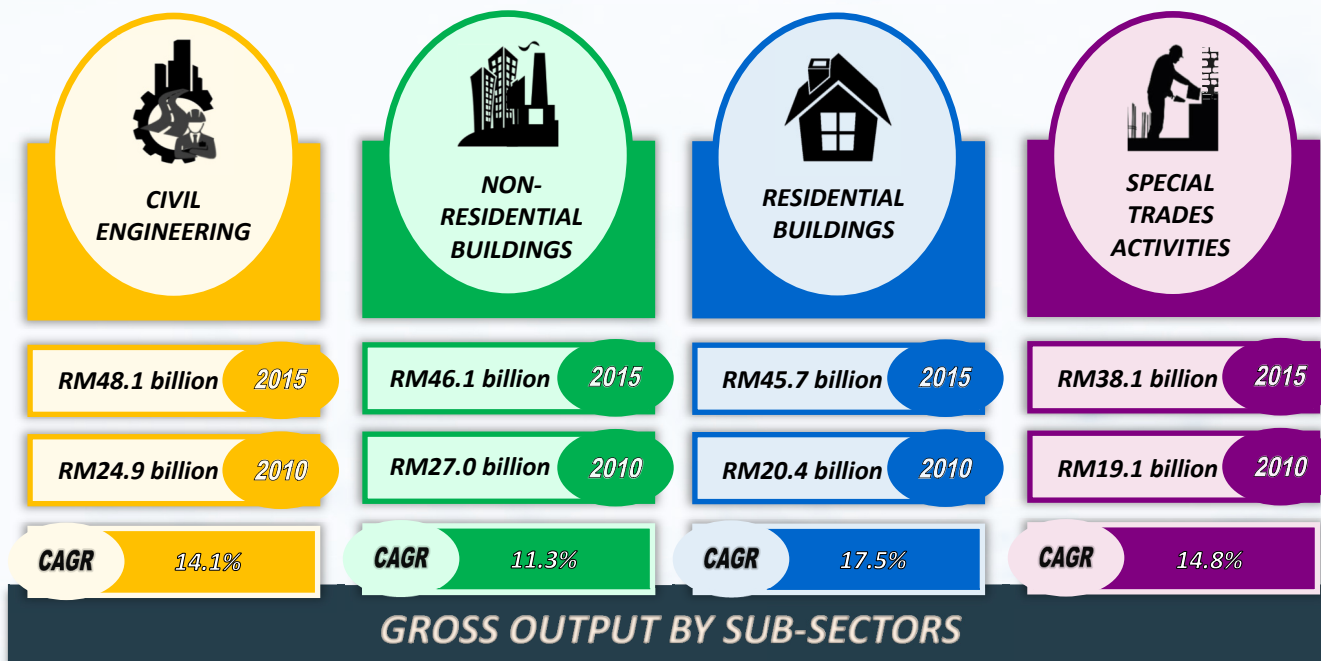


MAIN FINDINGS OF CONSTRUCTION SECTOR, 2015





PERFORMANCE OF CONSTRUCTION SUB-SECTORS, 2015

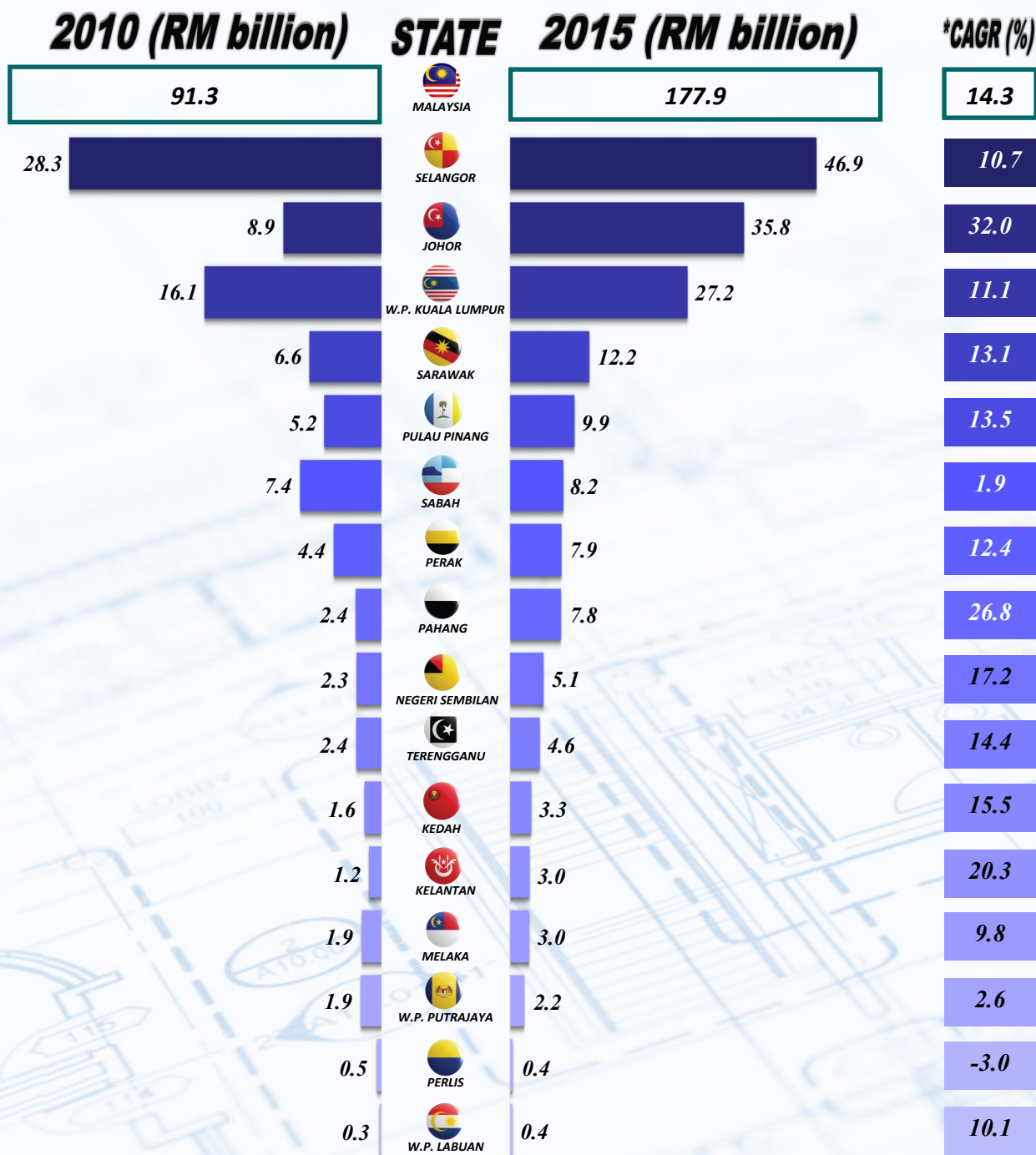


NUMBER OF PERSONS ENGAGED AND SALARIES & WAGES BY SUB-SECTORS

2010	SUB-SECTORS	2015	CAGR 2010-2015
<p>251,793 persons</p> <p>RM5.2 billion</p>	<p>CIVIL ENGINEERING</p>	<p>325,741 persons</p> <p>RM8.5 billion</p>	<p>5.3%</p> <p>10.3%</p>
<p>285,695 persons</p> <p>RM5.9 billion</p>	<p>NON-RESIDENTIAL BUILDINGS</p>	<p>325,473 persons</p> <p>RM8.3 billion</p>	<p>2.6%</p> <p>7.0%</p>
<p>223,163 persons</p> <p>RM4.6 billion</p>	<p>RESIDENTIAL BUILDINGS</p>	<p>329,088 persons</p> <p>RM8.5 billion</p>	<p>8.1%</p> <p>13.4%</p>
<p>213,837 persons</p> <p>RM4.2 billion</p>	<p>SPECIAL TRADES ACTIVITIES</p>	<p>310,172 persons</p> <p>RM7.5 billion</p>	<p>7.7%</p> <p>12.7%</p>



GROSS OUTPUT OF CONSTRUCTION SECTOR BY STATE



*CAGR Refers to the compound annual growth rate from 2010 to 2015



NUMBER OF PERSONS ENGAGED IN CONSTRUCTION SECTOR, 2015

MALE WORKERS

2015 **1,192,576** CAGR 5.3%
 2010 **921,265**

Proprietors & Family Workers
 2015 **19,457** CAGR 8.5%
 2010 **12,964**

Full-time Workers
 2015 **1,167,194** CAGR 5.5%
 2010 **894,712**

Part-time Workers
 2015 **5,925** CAGR -15.3%
 2010 **13,589**

(Persons)



FEMALE WORKERS

CAGR 13.0%
 2015 **97,898**
 2010 **53,223**

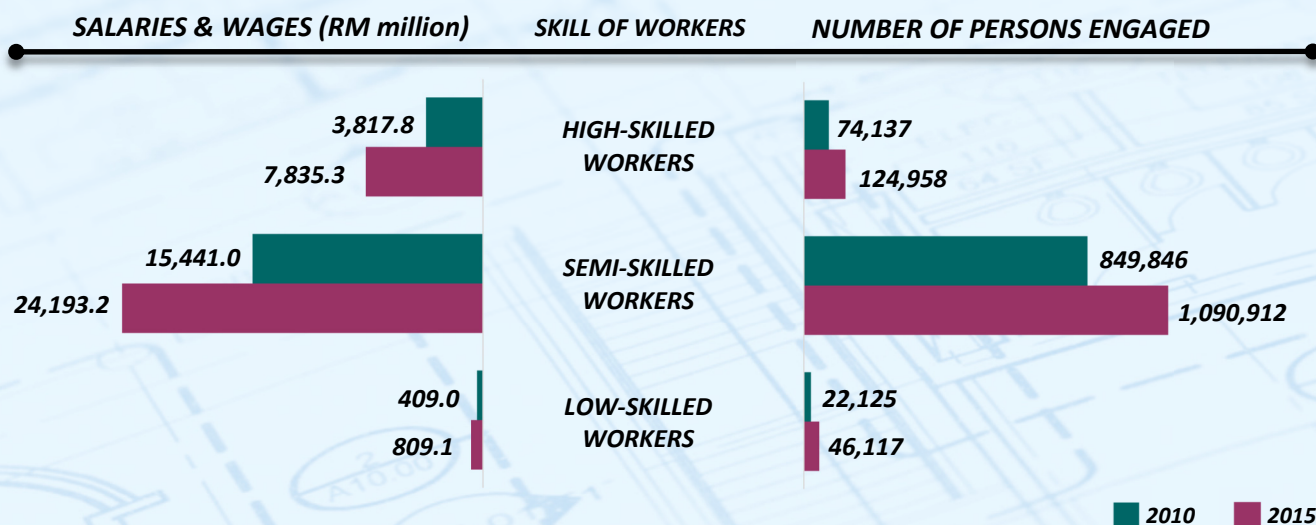
Proprietors & Family Workers
 CAGR 21.3%
 2015 **2,710**
 2010 **1,033**

Full-time Workers
 CAGR 13.0%
 2015 **94,793**
 2010 **51,396**

Part-time Workers
 CAGR -13.0%
 2015 **395**
 2010 **794**

(Persons)

NUMBER OF PERSONS ENGAGED AND SALARIES & WAGES BY SKILL OF WORKERS



1,371 establishments

2010



2,622 establishments

2015

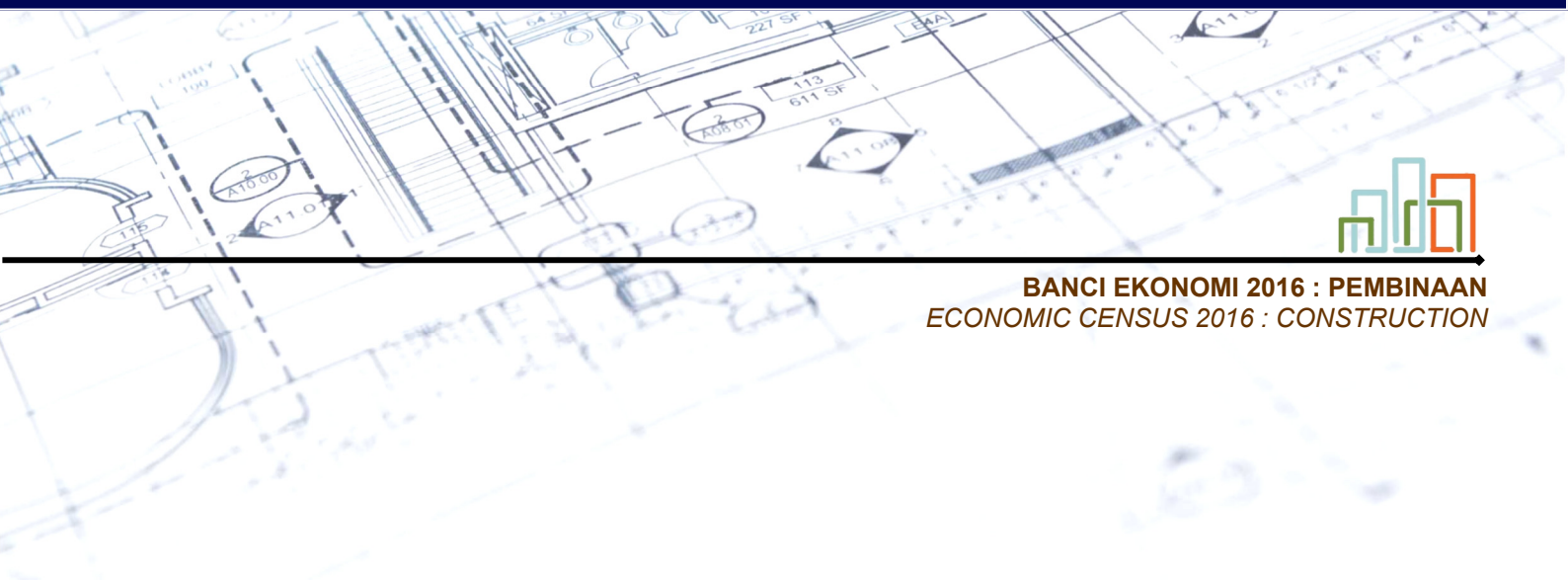
WOMEN-OWNED ESTABLISHMENTS

CAGR = 13.8%



RINGKASAN PENEMUAN

SUMMARY OF FINDINGS



BANCI EKONOMI 2016 : PEMBINAAN
ECONOMIC CENSUS 2016 : CONSTRUCTION

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1. PENGENALAN

Laporan ini mengandungi statistik Banci Ekonomi Sektor Pembinaan yang dijalankan pada tahun 2016 bagi tahun rujukan 2015. Sejumlah 40,558 pertubuhan terlibat dalam banci ini dengan kadar pertumbuhan tahunan dikompaun (CAGR) 12.9 peratus berbanding 22,140 pertubuhan pada tahun 2010.



* CAGR merujuk kepada kadar pertumbuhan tahunan dikompaun dari tahun 2010 ke 2015

2. PRESTASI SEKTOR PEMBINAAN

Prestasi keseluruhan sektor pembinaan pada tahun 2015 merekodkan pertumbuhan positif bagi semua indikator utama seperti yang ditunjukkan di Paparan 1. Output kasar pada tahun 2015 adalah RM177.9 bilion, peningkatan sebanyak RM86.6 bilion berbanding tahun 2010 dengan kadar pertumbuhan tahunan dikompaun sebanyak 14.3 peratus. Selaras dengan pertumbuhan pesat output kasar, nilai input perantaraan turut meningkat sebanyak RM55.4 bilion untuk mencatatkan RM114.8 bilion dengan purata pertumbuhan tahunan 14.1 peratus, ini menghasilkan nilai ditambah sebanyak RM63.2 bilion pada tahun 2015. Bilangan pekerja dalam sektor pembinaan pada 2015 berjumlah 1,290,474 orang berbanding dengan 974,488 orang pada 2010 dengan purata pertumbuhan sebanyak 5.8 peratus. Sejarar dengan pertambahan bilangan pekerja, jumlah gaji & upah yang dibayar juga menunjukkan peningkatan dengan mencatatkan RM32.9 bilion dengan kadar pertumbuhan tahunan dikompaun sebanyak 10.6 peratus. Nilai harta tetap pula terus meningkat kukuh dengan mencatatkan RM25.1 bilion (2010: RM14.5 bilion) peningkatan sebanyak 11.6 peratus.

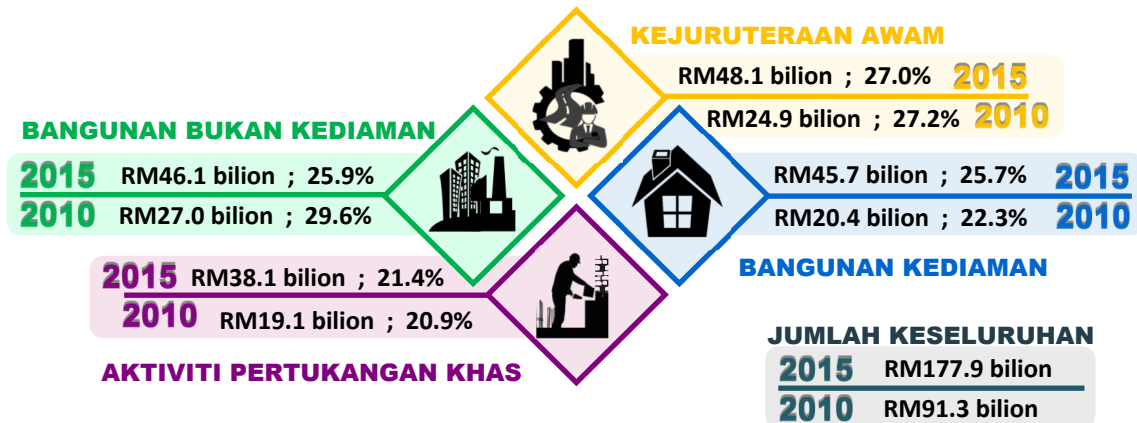
Paparan 1 Indikator utama sektor pembinaan, 2010 dan 2015

INDIKATOR UTAMA	2010	2015	CAGR
Nilai output kasar (RM bilion)	91.3	177.9	14.3%
Nilai input perantaraan (RM bilion)	59.4	114.8	14.1%
Nilai ditambah (RM bilion)	31.9	63.2	14.6%
Bilangan pekerja (orang)	974,488	1,290,474	5.8%
Gaji & upah (RM bilion)	19.8	32.9	10.6%
Nilai harta tetap (RM bilion)	14.5	25.1	11.6%

3. PRESTASI SUBSEKTOR PEMBINAAN

Pada tahun 2015, subsektor kejuruteraan awam merupakan penyumbang utama kepada output kasar sektor pembinaan dengan sumbangan 27.0 peratus (RM48.1 bilion) berbanding 27.2 peratus (RM24.9 bilion) pada tahun 2010. Ini diikuti dengan pembinaan bangunan bukan kediaman yang mencatatkan output kasar RM46.1 bilion berbanding RM27.0 bilion pada tahun 2010. Prestasi terperinci output kasar subsektor pembinaan pada tahun 2015 seperti ditunjukkan dalam Paparan 2.

Paparan 2 Sumbangan output kasar mengikut subsektor pembinaan, 2010 dan 2015



Sumbangan output kasar bagi lapan kumpulan sektor pembinaan pada tahun 2015 dipaparkan dalam Paparan 3. Kumpulan pembinaan bangunan merupakan peneraju kepada jumlah output kasar dengan sumbangan sebanyak 51.6 peratus. Ini diikuti oleh pemasangan elektrik, paip dan pembinaan lain (11.0%) dan pembinaan jalan raya dan landasan kereta api (10.0%).

Paparan 3 Sumbangan output kasar mengikut kumpulan sektor pembinaan, 2010 dan 2015





Kod kumpulan	Keterangan	Output kasar (RM bilion)		Sumbangan (%)	
		2010	2015	2010	2015
410	Pembinaan bangunan	47.4	91.7	51.9	51.6
432	Pemasangan elektrik, paip dan pembinaan lain	11.2	19.5	12.2	11.0
421	Pembinaan jalanraya dan landasan keretapi	9.2	17.7	10.1	10.0
429	Pembinaan projek kejuruteraan lain	9.7	15.2	10.6	8.5
422	Pembinaan projek utiliti	6.0	15.2	6.5	8.5
433	Penyiapan dan kemas bangunan	3.6	8.5	3.9	4.8
439	Pembinaan pertukangan khas lain	3.2	7.8	3.5	4.4
431	Perobohan dan penyediaan tapak	1.2	2.4	1.3	1.3
Jumlah		91.3	177.9	100.0	100.0

4. PEMBINAAN MENGIKUT PEMILIK PROJEK¹

Projek pembinaan milikan swasta (PPMS) kekal sebagai penyumbang utama nilai kerja pembinaan pada tahun 2015 dengan sumbangan 82.0 peratus (RM143.4 bilion) berbanding 70.4 peratus (RM63.4 bilion) pada 2010. Pertumbuhan yang kukuh ini dipacu oleh subsektor pertukangan khas (20.0%) dan subsektor kediaman (17.9%).

Sementara itu, sumbangan projek pembinaan milikan kerajaan (PPMK) kepada nilai kerja pembinaan adalah sebanyak 18.0 peratus (RM31.5 bilion) pada tahun 2015. Prestasi ini didorong pertumbuhan oleh subsektor kediaman (9.0%) dan subsektor kejuruteraan awam (8.8%). Nilai kerja pembinaan mengikut pemilik projek dan subsektor bagi tahun 2015 ditunjukkan di Paparan 4.

Paparan 4 Nilai kerja pembinaan mengikut pemilik projek dan subsektor pembinaan, 2010 dan 2015

PEMILIK PROJEK / SUBSEKTOR	SWASTA (PPMS)			KERAJAAN (PPMK)			JUMLAH	
	2010 (RM bilion)	2015 (RM bilion)	CAGR (%)	2010 (RM bilion)	2015 (RM bilion)	CAGR (%)	2010 (RM bilion)	2015 (RM bilion)
 KEJURUTERAAN AWAM	14.4	30.3	16.0	11.3	17.2	8.8	25.7	47.5
 BANGUNAN BUKAN KEDIAMAN	17.8	39.2	17.1	10.3	6.5	-8.8	28.1	45.7
 BANGUNAN KEDIAMAN	17.6	40.1	17.9	2.6	4.0	9.0	20.2	44.1
 AKTIVITI PERTUKANGAN KHAS	13.6	33.8	20.0	2.5	3.8	8.7	16.1	37.6
JUMLAH	63.4	143.4	17.7	26.7	31.5	3.4	90.1	174.9
SUMBANGAN	70.4%	82.0%		29.6%	18.0%		100.0%	100.0%

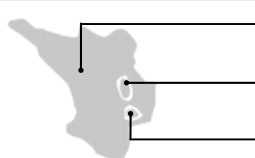
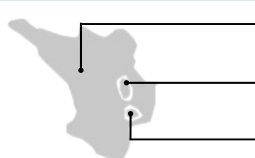
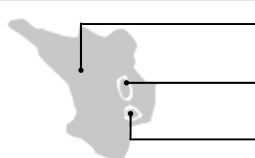
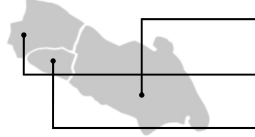
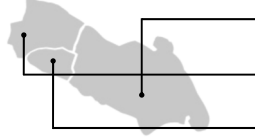
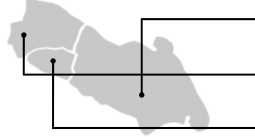
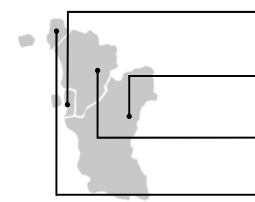
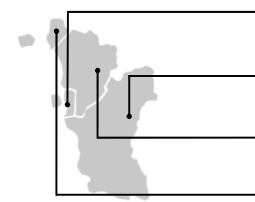
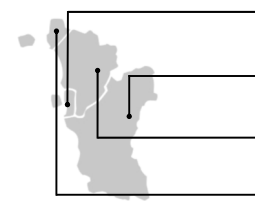
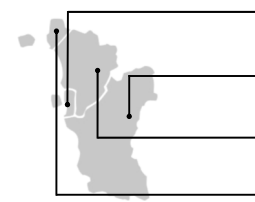
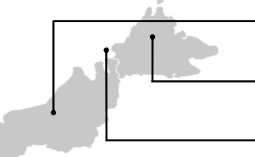
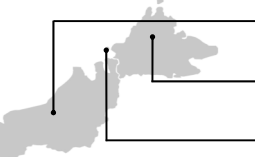
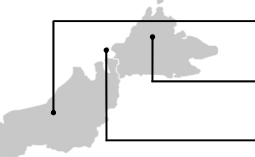



¹ Pemilik projek dikelaskan kepada projek pembinaan milikan kerajaan (PPMK) dan projek pembinaan milikan swasta (PPMS).

5. PRESTASI OUTPUT MENGIKUT WILAYAH

Aktiviti pembinaan pada tahun 2015 adalah tertumpu di wilayah tengah dengan nilai output kasar sebanyak RM76.3 bilion (42.9%) seperti dipaparkan di Paparan 5. Output kasar yang lebih tinggi di wilayah tengah adalah didorong oleh aktiviti pembinaan pesat di sekitar Lembah Klang. Sementara itu, projek berterusan pembangunan infrastruktur terutamanya di Johor telah mendorong kepada aktiviti pembinaan di wilayah selatan dengan nilai output kasar sebanyak RM43.9 bilion (24.7%).

Aktiviti pembinaan terus diterajui oleh Selangor dengan output kasar sebanyak RM46.9 bilion (26.4% sumbangan) pada 2015. Ini diikuti oleh Johor dengan nilai RM35.8 bilion (20.1% sumbangan) dan W.P. Kuala Lumpur dengan nilai RM27.2 bilion (15.3% sumbangan). Sementara selebihnya, RM68.0 bilion (38.2% sumbangan) output kasar disumbangkan oleh aktiviti pembinaan yang dijalankan di negeri lain.

Paparan 5 Sumbangan ouput kasar mengikut wilayah, 2010 dan 2015

WILAYAH / NEGERI	Output kasar (RM bilion)		Sumbangan (%)	
	2010	2015	2010	2015
MALAYSIA	91.3	177.9	100.0	100.0
WILAYAH TENGAH	46.3	76.3	50.6	42.9
 Selangor	28.3	46.9	31.0	26.4
 W.P. Kuala Lumpur	16.1	27.2	17.6	15.3
 W.P. Putrajaya	1.9	2.2	2.1	1.2
WILAYAH SELATAN	13.1	43.9	14.4	24.7
 Johor	8.9	35.8	9.8	20.1
 Negeri Sembilan	2.3	5.1	2.6	2.9
 Melaka	1.9	3.0	2.0	1.7
WILAYAH UTARA	11.7	21.5	12.9	12.1
 Pulau Pinang	5.2	9.9	5.7	5.5
 Perak	4.4	7.9	4.8	4.4
 Kedah	1.6	3.3	1.8	1.8
 Perlis	0.5	0.4	0.6	0.2
WILAYAH TIMUR	14.3	20.7	15.6	11.7
 Sarawak	6.6	12.2	7.2	6.8
 Sabah	7.4	8.2	8.1	4.6
 W.P. Labuan	0.3	0.4	0.3	0.2
WILAYAH PANTAI TIMUR	5.9	15.5	6.5	8.7
 Pahang	2.4	7.8	2.6	4.4
 Terengganu	2.4	4.6	2.6	2.6
 Kelantan	1.2	3.0	1.3	1.7

6. BILANGAN PEKERJA

6.1 BILANGAN PEKERJA MENGIKUT SUBSEKTOR PEMBINAAN

Subsektor pembinaan bangunan kediaman menyumbang peratus tertinggi dari segi pekerja iaitu 25.5 peratus. Penyumbang kedua tertinggi adalah dari subsektor kejuruteraan awam (25.2%), diikuti oleh pembinaan bangunan bukan kediaman (25.2%) dan aktiviti pertukangan khas (24.0%) seperti yang ditunjukkan di Paparan 6.

Paparan 6 Bilangan pekerja mengikut subsektor pembinaan, 2015

Subsektor Pembinaan	BANGUNAN KEDIAMAN	KEJURUTERAAN AWAM	BANGUNAN BUKAN KEDIAMAN	AKTIVITI PERTUKANGAN KHAS	JUMLAH
Bilangan pekerja (orang)	329,088	325,741	325,473	310,172	1,290,474
Sumbangan %	25.5	25.2	25.2	24.0	100.0

6.2 OUTPUT PER PEKERJA MENGIKUT JENIS AKTIVITI PEMBINAAN

Purata output bagi seorang pekerja untuk industri pembinaan pada tahun 2015 adalah RM137,886. Output tertinggi bagi seorang pekerja adalah direkodkan oleh aktiviti pembinaan projek utiliti (RM162,552). Ini diikuti dengan aktiviti pembinaan jalan raya dan landasan kereta api (RM143,850) seperti yang dipaparkan di Jadual 1.

Jadual 1 Output bagi seorang pekerja mengikut jenis aktiviti pembinaan, 2015

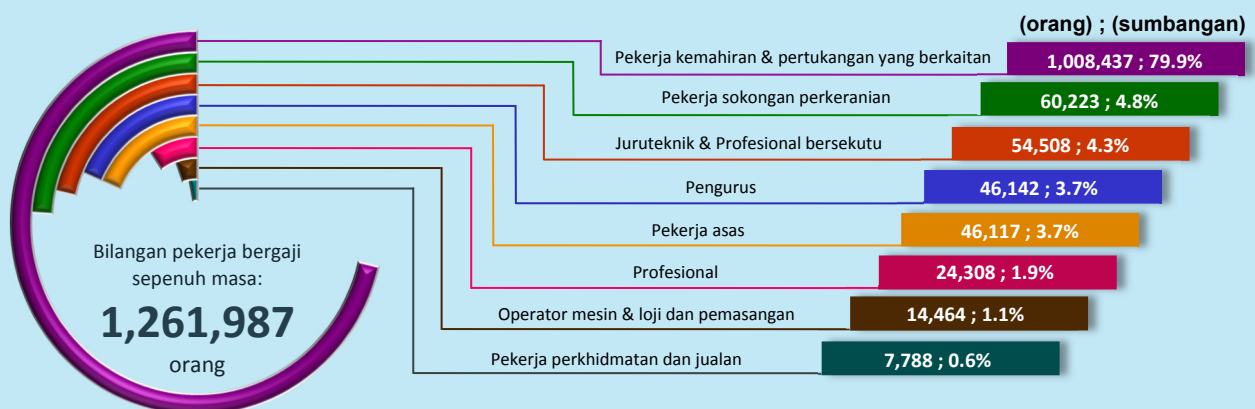
Jenis aktiviti pembinaan	Output kasar (RM juta)	Bilangan pekerja (Orang)	Output bagi seorang pekerja (RM)
JUMLAH	177,939	1,290,474	137,886
Pembinaan bangunan	91,750	654,561	140,170
Pembinaan jalan raya dan landasan kereta api	17,723	123,203	143,850
Pembinaan projek utiliti	15,161	93,269	162,552
Pembinaan projek kejuruteraan awam lain, kecuali bangunan	15,204	109,269	139,146
Perobohan dan penyediaan tapak	2,397	19,081	125,647
Elektrik, pertukangan paip dan aktiviti pemasangan pembinaan lain	19,496	155,512	125,369
Penyiapan dan kemas bangunan	8,452	75,200	112,396
Aktiviti pembinaan pertukangan khas lain	7,755	60,379	128,435

6.3 BILANGAN PEKERJA MENGIKUT KATEGORI PEKERJA

Sektor pembinaan mencatatkan jumlah pekerja bergaji sepenuh masa seramai 1,261,987 orang pekerja pada tahun 2015. Pekerja kemahiran & pertukangan berkaitan membentuk 79.9 peratus (1,008,437 orang) daripada jumlah pekerja bergaji sepenuh masa seperti yang dipaparkan di Paparan 7. Ianya diikuti oleh kategori sokongan perkeranian dengan sumbangan sebanyak 4.8 peratus (60,223 orang), juruteknik & profesional bersekutu; 4.3 peratus (54,508 orang) dan kategori selebihnya menyumbang 11.0 peratus (138,819 orang).

Paparan 7

Bilangan pekerja mengikut kategori pekerja bergaji sepenuh masa, 2015



6.4 GAJI & UPAH PEKERJA BERGAJI SEPENUH MASA

Taburan gaji & upah bagi pekerja bergaji sepenuh masa mengikut kategori pekerja dalam sektor pembinaan pada tahun 2015 dipersembahkan dalam Paparan 8. Pekerja kemahiran & pertukangan yang berkaitan merupakan kategori pekerja terbesar dalam sektor pembinaan menerima gaji & upah tertinggi iaitu sebanyak RM22.4 bilion (68.1%) daripada jumlah gaji & upah dibayar. Sementara itu, sebanyak 12.4 peratus atau RM4.1 bilion daripada gaji & upah dibayar kepada pengurus, manakala 7.0 peratus atau RM2.3 bilion daripada gaji & upah diterima oleh juruteknik dan profesional bersekutu.

Purata gaji & upah tahunan tertinggi bagi seorang pekerja diterima oleh kategori pengurus dengan nilai sebanyak RM87,980. Ini disusuli oleh kategori profesional (RM61,421) serta juruteknik & profesional bersekutu (RM41,878).

Paparan 8 Gaji & upah bagi pekerja bergaji sepenuh masa mengikut kategori pekerja, 2015

KATEGORI PEKERJA	GAJI & UPAH (RM juta)	SUMBANGAN (%)	PURATA GAJI & UPAH SETAHUN (RM)
JUMLAH	32,838	100.0	26,020
Pengurus	4,060	12.4	87,980
Profesional	1,493	4.5	61,421
Juruteknik & Profesional bersekutu	2,283	7.0	41,878
Pekerja sokongan perkeranian	1,268	3.9	21,058
Pekerja perkhidmatan dan jualan	219	0.7	28,082
Pekerja kemahiran & pertukangan yang berkaitan	22,376	68.1	22,189
Operator mesin & loji dan pemasangan	330	1.0	22,827
Pekerja asas	809	2.5	17,544

7. PERTUBUHAN MILIKAN WANITA

7.1 PRESTASI PERTUBUHAN MILIKAN WANITA

Seperti yang ditunjukkan dalam Paparan 9, semua indikator utama bagi pertumbuhan milikan wanita menunjukkan pertumbuhan positif di antara dua tahun rujukan banci (CAGR 2010-2015). Pertumbuhan milikan wanita dalam sektor pembinaan berjumlah 2,622 pertumbuhan dengan sumbangan 6.5 peratus dan menjana output kasar sebanyak RM6.8 bilion atau 3.8 peratus sumbangan daripada keseluruhan sektor pada tahun 2015. Kategori ini mencatatkan nilai input perantaraan RM4.4 bilion (3.8% sumbangan), menghasilkan nilai ditambah sebanyak RM2.5 bilion (3.9% sumbangan). Sebanyak 56,709 orang (4.4% sumbangan) daripada jumlah pekerja (1,290,474 orang) adalah yang bekerja di bawah kategori ini, dengan gaji & upah dibayar sebanyak RM1.3 bilion (4.0% sumbangan). Sementara itu, nilai harta tetap yang terkumpul oleh kategori ini ialah RM0.9 bilion (3.4% sumbangan) berbanding dengan jumlah harta tetap (RM25.1 bilion) yang dicatatkan dalam tempoh banci 2015.

Paparan 9 Indikator utama bagi pertumbuhan milikan wanita, 2015

PERTUBUHAN SEKTOR PEMBINAAN	INDIKATOR UTAMA	PERTUBUHAN MILIKAN WANITA	SUMBANGAN KEPADA SEKTOR PEMBINAAN (%)	CAGR 2010-2015 (%)
40,558	Bilangan pertumbuhan	2,622	6.5	13.8
177.9	Nilai output kasar (RM bilion)	6.8	3.8	9.4
114.8	Nilai input perantaraan (RM bilion)	4.4	3.8	9.0
63.2	Nilai ditambah (RM bilion)	2.5	3.9	10.1
1,290,474	Bilangan pekerja (Orang)	56,709	4.4	1.1
32.9	Gaji & upah (RM bilion)	1.3	4.0	6.8
25.1	Nilai harta tetap (RM bilion)	0.9	3.4	9.1

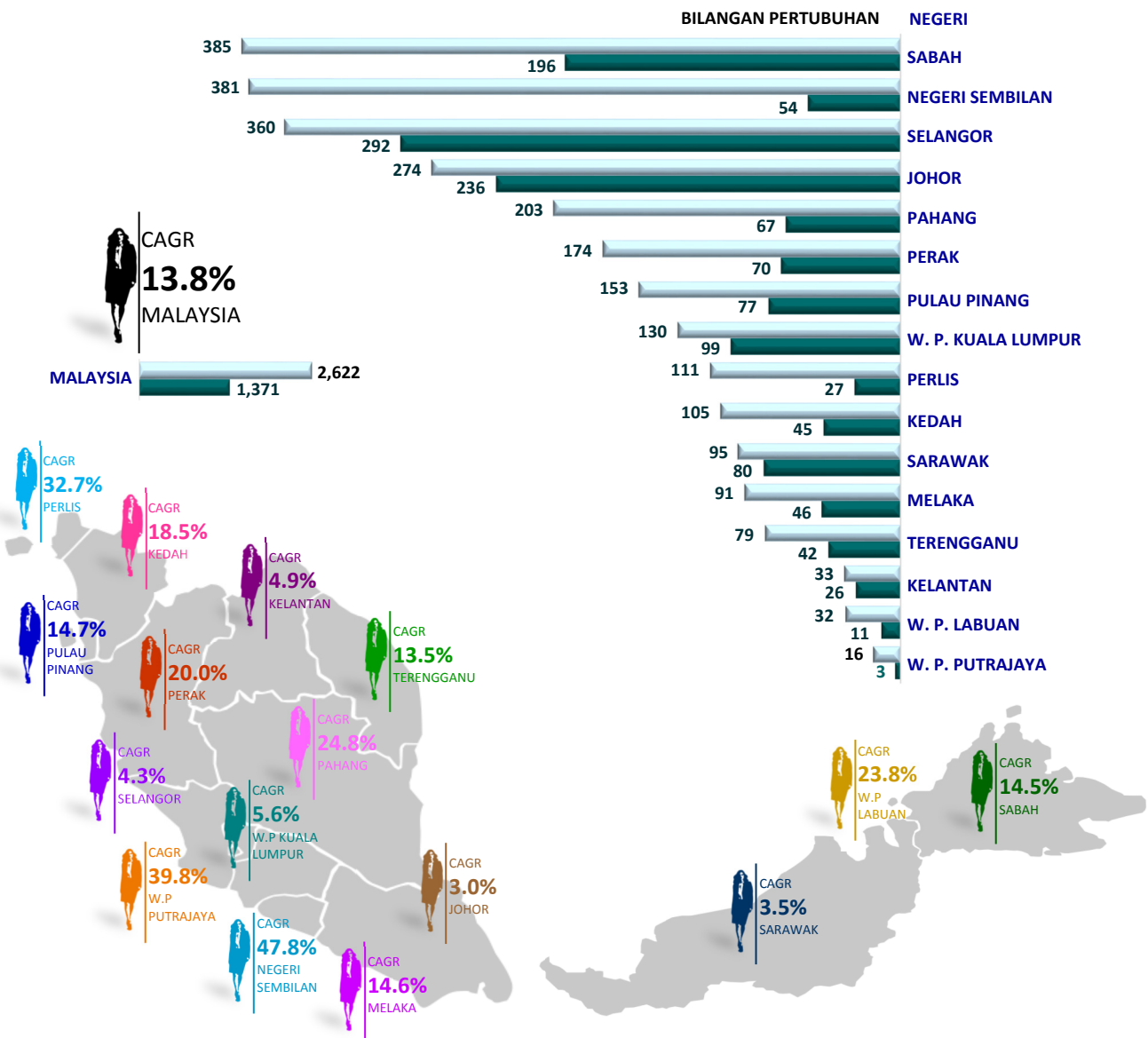
7.2 PERTUBUHAN MILIKAN WANITA MENGIKUT NEGERI LOKASI PROJEK

Sabah merekodkan bilangan pertubuhan milikan wanita tertinggi iaitu 385 pertubuhan (14.7% sumbangan) daripada jumlah keseluruhan pertubuhan milikan wanita (2,622 pertubuhan). Seterusnya diikuti oleh Negeri Sembilan dengan 381 pertubuhan (14.5% sumbangan), Selangor 360 pertubuhan (13.7% sumbangan) dan Johor, 274 pertubuhan (10.5% sumbangan).

Dari segi kadar pertumbuhan tahunan dikompaun (CAGR), bilangan pertubuhan milikan wanita mencatatkan pertumbuhan positif di semua negeri pada tahun 2015 berbanding tahun 2010. Negeri Sembilan mencatatkan CAGR tertinggi iaitu 47.8 peratus, diikuti W.P Putrajaya (39.8%) dan Perlis (32.7%). Bilangan pertubuhan dan CAGR bagi setiap negeri adalah seperti yang ditunjukkan di Paparan 10.

Paparan 10 Bilangan pertubuhan milikan wanita mengikut Negeri lokasi projek, 2010 dan 2015

2015 2010



1. INTRODUCTION

This report contains statistics on Economic Census of Construction Sector conducted in 2016 for reference year 2015. A total of 40,558 establishments were involved in this census with compound annual growth rate (CAGR) of 12.9 per cent as compared to 22,140 establishments in 2010.









* CAGR refers to the compound annual growth rate from 2010 to 2015

2. PERFORMANCE OF THE CONSTRUCTION SECTOR

The overall performance of the construction sector in 2015 recorded a positive growth in all key indicators as shown in Exhibit 1. The gross output in 2015 was RM177.9 billion, an increase of RM86.6 billion as compared to 2010 with compound annual growth rate of 14.3 per cent. In line with the rapid growth in gross output, the value of intermediate input also increased by RM55.4 billion to record RM114.8 billion with compound annual growth rate of 14.1 per cent, thus resulting a value added of RM63.2 billion in 2015. The number of persons engaged in the construction sector in 2015 amounted to 1,290,474 persons as compared to 974,488 persons in 2010 with an average growth of 5.8 per cent. In tandem with the expansion in the number of persons engaged, the total salaries & wages paid also increased to RM32.9 billion with compound annual growth rate of 10.6 per cent. The value of fixed assets continued to increase strongly by registering RM25.1 billion (2010: RM14.5 billion) an increase of 11.6 per cent.

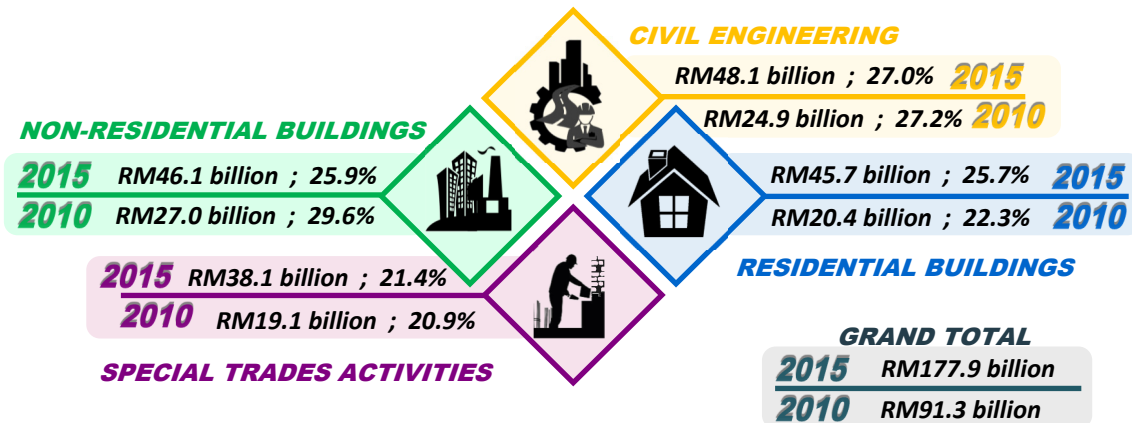
Exhibit 1 Key indicators of construction sector, 2010 and 2015

KEY INDICATORS	2010	2015	CAGR
	 Value of gross output (RM billion)	91.3	177.9
 Value of intermediate input (RM billion)	59.4	114.8	14.1%
 Value added (RM billion)	31.9	63.2	14.6%
 Number of persons engaged	974,488	1,290,474	5.8%
 Salaries & wages (RM billion)	19.8	32.9	10.6%
 Value of fixed assets (RM billion)	14.5	25.1	11.6%

3. PERFORMANCE OF THE CONSTRUCTION SUB-SECTORS

In 2015, the civil engineering sub-sector contributed the most to gross output of the construction sector with a share of 27.0 per cent (RM48.1 billion) as compared to 27.2 per cent (RM24.9 billion) in 2010. This was followed by the construction of non-residential buildings which recorded RM46.1 billion of gross output as compared to RM27.0 billion in 2010. The details performance of the construction sub-sectors by gross output for the year 2015 is shown in Exhibit 2.

Exhibit 2 Contribution of gross output by construction sub-sectors, 2010 and 2015



The contribution of gross output by eight groups of the construction sector in 2015 is illustrated in Exhibit 3. The construction of buildings continued to dominate the gross output with a share of 51.6 per cent. This was followed by the installation of electrical, plumbing and other construction (11.0%) and construction of roads and railways (10.0%).

Exhibit 3 Contribution of gross output by group of construction sector, 2010 and 2015





Group code	Description	Gross output (RM billion)		Share (%)	
		2010	2015	2010	2015
410	Construction of buildings	47.4	91.7	51.9	51.6
432	Electrical, plumbing and other construction	11.2	19.5	12.2	11.0
421	Construction of roads and railways	9.2	17.7	10.1	10.0
429	Construction of other civil engineering projects	9.7	15.2	10.6	8.5
422	Construction of utility projects	6.0	15.2	6.5	8.5
433	Building completion and finishing	3.6	8.5	3.9	4.8
439	Other specialized construction	3.2	7.8	3.5	4.4
431	Demolition and site preparation	1.2	2.4	1.3	1.3
Total		91.3	177.9	100.0	100.0

4. CONSTRUCTION BY PROJECT OWNERS¹

The private owned construction projects (POCP) continued to dominate in the value of construction work done in 2015, contributing 82.0 per cent (RM143.4 billion) as compared to 70.4 per cent (RM63.4 billion) in 2010. This was mainly driven by a strong growth in special trades activities (20.0%) and residential buildings sub-sectors (17.9%).

While the government owned construction projects (GOCP) contributed 18.0 per cent (RM31.5 billion) to the value of construction work done in 2015. The performance was propelled by residential buildings (9.0%) and civil engineering (8.8%) sub-sectors. The value of construction work done by project owners and sub-sectors for year 2015 is shown in Exhibit 4.

Exhibit 4 Value of construction work done by project owners and construction sub-sectors, 2010 and 2015

PROJECT OWNER / SUB-SECTOR	PRIVATE (POCP)			GOVERNMENT (GOCP)			TOTAL	
	2010 (RM billion)	2015 (RM billion)	CAGR (%)	2010 (RM billion)	2015 (RM billion)	CAGR (%)	2010 (RM billion)	2015 (RM billion)
 CIVIL ENGINEERING	14.4	30.3	16.0	11.3	17.2	8.8	25.7	47.5
 NON-RESIDENTIAL BUILDINGS	17.8	39.2	17.1	10.3	6.5	-8.8	28.1	45.7
 RESIDENTIAL BUILDINGS	17.6	40.1	17.9	2.6	4.0	9.0	20.2	44.1
 SPECIAL TRADES ACTIVITIES	13.6	33.8	20.0	2.5	3.8	8.7	16.1	37.6
TOTAL	63.4	143.4	17.7	26.7	31.5	3.4	90.1	174.9
SHARE	70.4%	82.0%		29.6%	18.0%		100.0%	100.0%

















¹ Project owners were classified into government owned construction project (GOCP) and private owned construction project (POCP)

5. PERFORMANCE OUTPUT BY REGION

Construction activities in 2015 was concentrated in the central region with a value of gross output of RM76.3 billion (42.9%) as illustrated in Exhibit 5. The highest gross output in the central region was impelled by the rapid construction activities in Klang Valley. Meanwhile, the ongoing projects of infrastructure development in Johor have induced the construction activities in southern region with a value of gross output amounting to RM43.9 billion (24.7%).

The state of Selangor still continued to lead Malaysia's construction activities with gross output of RM46.9 billion (26.4% share) in 2015. This was followed by Johor RM35.8 billion (20.1% share) and W.P. Kuala Lumpur with gross output of RM27.2 billion (15.3% share). While, the remaining RM68.0 billion of gross output (38.2% share) of construction activities were conducted in other states.

Exhibit 5 Contribution of gross output by region, 2010 and 2015

REGION / STATE	Gross output (RM billion)		Share (%)	
	2010	2015	2010	2015
MALAYSIA	91.3	177.9	100.0	100.0
CENTRAL REGION	46.3	76.3	50.6	42.9
 Selangor	28.3	46.9	31.0	26.4
 W.P. Kuala Lumpur	16.1	27.2	17.6	15.3
 W.P. Putrajaya	1.9	2.2	2.1	1.2
SOUTHERN REGION	13.1	43.9	14.4	24.7
 Johor	8.9	35.8	9.8	20.1
 Negeri Sembilan	2.3	5.1	2.6	2.9
 Melaka	1.9	3.0	2.0	1.7
NORTHERN REGION	11.7	21.5	12.9	12.1
 Pulau Pinang	5.2	9.9	5.7	5.5
 Perak	4.4	7.9	4.8	4.4
 Kedah	1.6	3.3	1.8	1.8
 Perlis	0.5	0.4	0.6	0.2
EASTERN REGION	14.3	20.7	15.6	11.7
 Sarawak	6.6	12.2	7.2	6.8
 Sabah	7.4	8.2	8.1	4.6
 W.P. Labuan	0.3	0.4	0.3	0.2
EAST COAST REGION	5.9	15.5	6.5	8.7
 Pahang	2.4	7.8	2.6	4.4
 Terengganu	2.4	4.6	2.6	2.6
 Kelantan	1.2	3.0	1.3	1.7

6. NUMBER OF PERSONS ENGAGED

6.1 NUMBER OF PERSONS ENGAGED BY CONSTRUCTION SUB-SECTOR

The residential buildings sub-sector contributed the highest percentage in terms of employees with a 25.5 per cent share. The next highest contribution was from the civil engineering sub-sector (25.2%), followed by the non-residential buildings (25.2%) and the special trades activities (24.0%) as shown in Exhibit 6.

Exhibit 6 Number of persons engaged by construction sub-sectors, 2015

Construction Sub-sectors	RESIDENTIAL BUILDINGS	CIVIL ENGINEERING	NON-RESIDENTIAL BUILDINGS	SPECIAL TRADES ACTIVITIES	TOTAL
Number of persons engaged	329,088	325,741	325,473	310,172	1,290,474
Share (%)	25.5	25.2	25.2	24.0	100.0

6.2 OUTPUT PER EMPLOYEES BY TYPES OF CONSTRUCTION ACTIVITIES

The average output per employee for construction industries in 2015 was RM137,886. The highest output per employee was recorded by construction of utility projects (RM162,552). This was followed by the construction of roads and railways (RM143,850) as shown in Table 1.

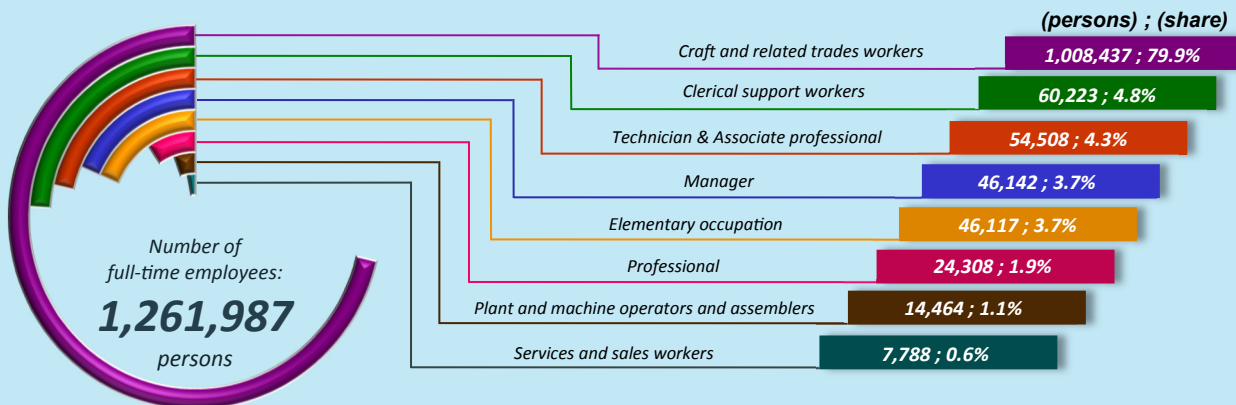
Table 1 Output per employee by types of construction activities, 2015

Types of construction activities	Gross output (RM million)	Number of persons engaged	Output per employee (RM)
TOTAL	177,939	1,290,474	137,886
Construction of buildings	91,750	654,561	140,170
Construction of roads and railways	17,723	123,203	143,850
Construction of utility projects	15,161	93,269	162,552
Construction of other civil engineering projects, except buildings	15,204	109,269	139,146
Demolition and site preparation	2,397	19,081	125,647
Electrical, plumbing and other construction installation activities	19,496	155,512	125,369
Building completion and finishing	8,452	75,200	112,396
Other specialized construction activities	7,755	60,379	128,435

6.3 NUMBER OF PERSONS ENGAGED BY CATEGORY OF WORKERS

The construction sector registered a total number of paid full time employees of 1,261,987 persons in 2015. Craft and related trades workers constituted 79.9 per cent (1,008,437 persons) from total paid full time employees as depicted in Exhibit 7. This was followed by the category of clerical support with a share of 4.8 per cent (60,223 persons), technicians & associate professional; 4.3 per cent (54,508 persons) and the remaining category accounted to 11.0 per cent (138,819 persons).

Exhibit 7 Number of persons engaged by category of paid full time employees, 2015




6.4 SALARIES & WAGES OF FULL-TIME PAID EMPLOYEES

The distribution of salaries & wages of full-time paid employees by category of workers in the construction sector for 2015 were presented in Exhibit 8. Craft and related trades workers was the largest category of workers in the construction sector received the highest salaries & wages of RM22.4 billion (68.1%) from the total salaries & wages paid. Meanwhile, a total of 12.4 per cent or RM4.1 billion of salaries & wages was paid to the manager, while 7.0 per cent or RM2.3 billion of salaries & wages was received by technicians and associate professional.

The highest average annual salary per worker was received by the manager category with a value of RM87,980. This was followed by professional (RM61,421) and technicians & associate professional (RM41,878).

Exhibit 8 Salaries & wages of full-time paid employees by category of workers, 2015



 CATEGORY OF WORKERS	SALARIES & WAGES (RM million)	SHARE (%)	AVERAGE SALARIES & WAGES PER ANNUM (RM)
TOTAL	32,838	100.0	26,020
Manager	4,060	12.4	87,980
Professional	1,493	4.5	61,421
Technicians & associate professional	2,283	7.0	41,878
Clerical support workers	1,268	3.9	21,058
Services and sales workers	219	0.7	28,082
Craft and related trade workers	22,376	68.1	22,189
Plant & machine operators and assemblers	330	1.0	22,827
Elementary occupation	809	2.5	17,544

7. WOMEN-OWNED ESTABLISHMENTS

7.1 PERFORMANCE OF WOMEN-OWNED ESTABLISHMENTS

All the key indicators of women-owned establishments showed a positive growth between the two census reference year (CAGR 2010-2015) as shown in Exhibit 9. Women-owned establishments in construction sector accounted for 2,622 establishments with a share of 6.5 per cent and generated gross output of RM6.8 billion or 3.8 per cent share of the total sector in 2015. This category registered RM4.4 billion (3.8% share) of value of intermediate input, thus yielding the value added of RM2.5 billion (3.9% share). A total of 56,709 persons (4.4% share) were employed under this category out of the total persons engaged (1,290,474 persons), with salaries & wages paid of RM1.3 billion (4.0% share). Meanwhile, the value of fixed assets accumulated by this category was RM0.9 billion (3.4% share) as compared to the total fixed assets (RM25.1 billion) recorded in the last census of 2015.

Exhibit 9 Key indicators of women-owned establishments, 2010 and 2015

 CONSTRUCTION SECTOR ESTABLISHMENTS	KEY INDICATORS	 WOMEN- OWNED ESTABLISHMENTS	SHARE TO CONSTRUCTION SECTOR(%)	CAGR 2010-2015 (%)
40,558	Number of establishments	2,622	6.5	13.8
177.9	Value of gross output (RM billion)	6.8	3.8	9.4
114.8	Value of intermediate input (RM billion)	4.4	3.8	9.0
63.2	Value added (RM billion)	2.5	3.9	10.1
1,290,474	Number of persons engaged	56,709	4.4	1.1
32.9	Salaries & wages (RM billion)	1.3	4.0	6.8
25.1	Value of fixed asset (RM billion)	0.9	3.4	9.1

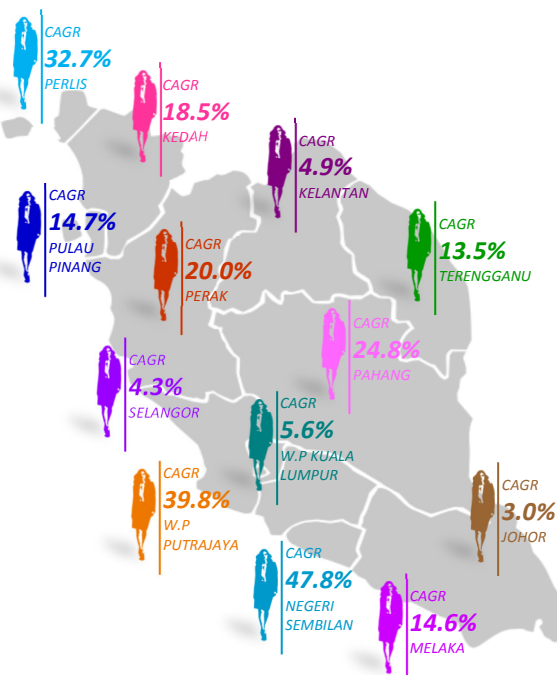
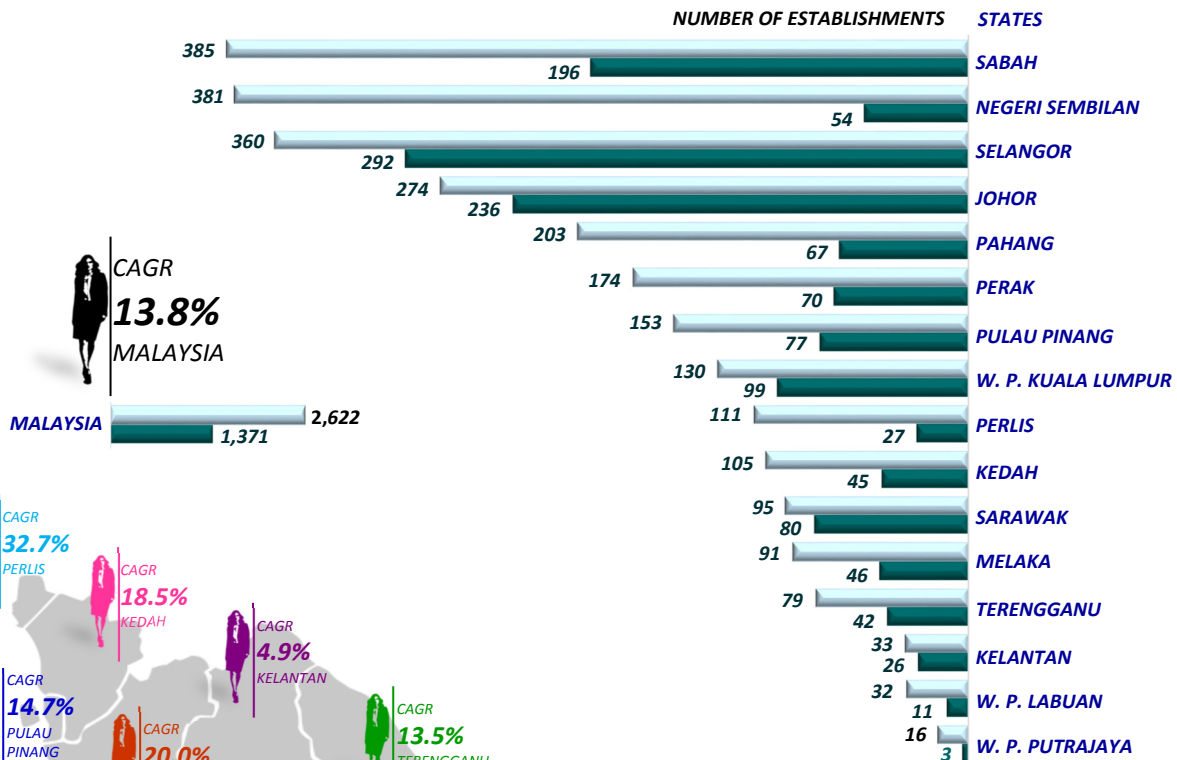
7.2 WOMEN-OWNED ESTABLISHMENTS BY STATE OF PROJECT LOCATION

Sabah recorded the highest number of women-owned establishments of 385 establishments (14.7% share) out of the total women-owned establishments (2,622 establishments). This was followed by Negeri Sembilan, Selangor and Johor with 381 establishments (14.5% share), 360 establishments (13.7% share) and 274 establishments (10.5% share) respectively.

In terms of compound annual growth rate (CAGR), the number of women-owned establishments registered a positive growth in all states in 2015 as compared to 2010. Negeri Sembilan recorded the highest compound annual growth rate of 47.8 percent, followed W.P. Putrajaya (39.8%) and Perlis (32.7%). The number of establishments and compound annual growth rate in each states are illustrated in Exhibit 10.

Exhibit 10 Women-owned establishments by state of project location, 2010 and 2015

2015 2010

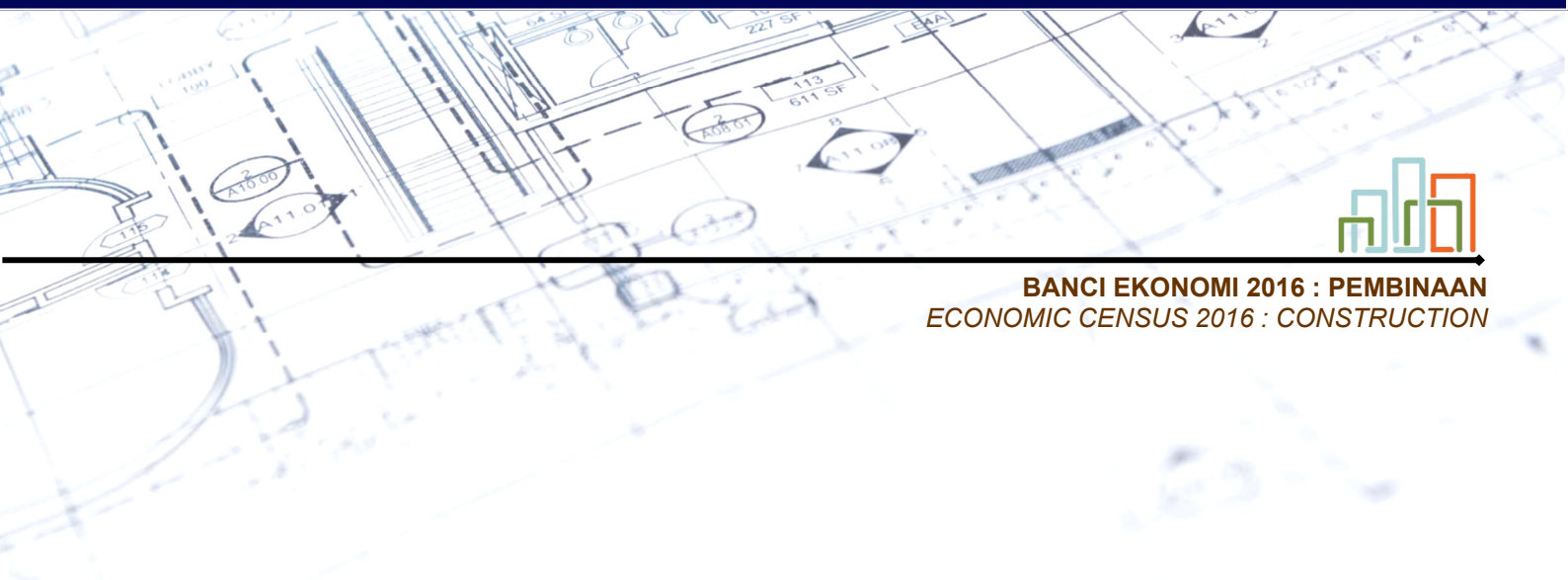




BAHAGIAN 2
PART 2

NOTA TEKNIKAL

TECHNICAL NOTES



BANCI EKONOMI 2016 : PEMBINAAN
ECONOMIC CENSUS 2016 : CONSTRUCTION

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1. Skop dan liputan

Banci ini meliputi pertubuhan yang menjalankan aktiviti pembinaan sebagai kegiatan utama. Sebanyak 72 industri diliputi berdasarkan kategori yang dikelaskan di bawah Kategori F - Pembinaan, Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 berasaskan *International Standard Industrial Classification of All Economics (ISIC) Revision 4* yang diterbitkan oleh *United Nations Statistics Division*.

2. Sumber rangka

Sumber utama rangka banci ini ialah syarikat yang berdaftar dengan Suruhanjaya Syarikat Malaysia (SSM), Lembaga Pembangunan Industri Pembinaan Malaysia (LPIPM) dan pihak berkuasa tempatan.

3. Jenis aktiviti perniagaan

Jenis aktiviti perniagaan merujuk kepada aktiviti utama dan sekunder. Aktiviti utama merujuk kepada aktiviti yang mana pertubuhan menggunakan sebahagian besar daripada sumbernya atau yang ia memperoleh sebahagian besar daripada pendapatannya. Aktiviti sekunder didefinisikan sebagai aktiviti sampingan kepada aktiviti utama. Klasifikasi industri bagi pertubuhan adalah mengikut aktiviti utamanya berdasarkan kepada Piawaian Klasifikasi Industri Malaysia (MSIC), 2008 Ver. 1.0.

4. Konsep dan definisi

Konsep dan definisi yang digunakan adalah selari dengan *International Recommendations for Construction Statistics*¹ oleh *Department of Economic and Social Information Statistics Division*.

Takrif pembinaan yang digunakan dalam banci ini berdasarkan kepada Piawaian Klasifikasi Industri Malaysia (MSIC) 2008:

“pembinaan baru, pengubahsuaian, pembaikan dan perobohan. Pemasangan sebarang jenis jentera atau peralatan yang dipasang ketika pembinaan asal adalah diambil kira, demikian juga bagi pemasangan jentera atau peralatan selepas pembinaan asal tetapi memerlukan perubahan struktur bagi pemasangannya”.

5. Unit melapor

Banci ini dilaksanakan dengan menggunakan pendekatan “unit jenis aktiviti”. Unit ini adalah sama seperti pertubuhan tetapi tidak ada pembatasan daripada segi kawasan geografi di mana sesuatu jenis aktiviti dijalankan oleh sebuah entiti yang sah. Untuk pertubuhan pelbagai kegiatan, beberapa kriteria telah digunakan bagi mengelaskan pertubuhan kepada industri yang sesuai. Bagi kes pertubuhan yang menjalankan aktiviti pelbagai, dari segi nilai maka pertubuhan berkenaan diminta memberikan penyata yang berasingan bagi setiap aktiviti. Jika sesebuah

¹ *Statistical Papers Series M, No. 47, Rev. 1, United Nations, New York, 1997*

pertubuhan yang terlibat dalam satu kegiatan penting sahaja maka kegiatan yang lain dimasukkan dalam kegiatan ini dan pertubuhan ini dikelaskan kepada industri mengikut kegiatan penting.

6. Nilai output kasar

Nilai output kasar ditakrifkan dengan memasukkan elemen berikut:

Nilai kerja pembinaan yang dijalankan dalam tahun tersebut

- + Nilai barangan yang dijual dalam keadaan yang sama seperti dibeli;
- Kos barangan yang dijual dalam keadaan yang sama seperti dibeli;
- + Pendapatan daripada perkhidmatan perindustrian yang diberikan kepada orang lain;
- + Perbelanjaan modal ke atas binaan sendiri;
- + Pendapatan daripada kerja perindustrian lain (misalnya, pembuatan, kuari, dll.);
- + Penerimaan bayaran daripada skrap, tenaga elektrik, produk sisa, dll. yang dijual kepada orang lain;
- + Penerimaan komisen dan brokeraj;
- + Semua nilai output lain (seperti penerimaan perkhidmatan bukan perindustrian misalnya, bayaran pengurusan, sewa harta, dll.); dan
- + Perbelanjaan penyelidikan dan pembangunan (Dalaman).

7. Nilai input perantara

Nilai input perantara adalah harga pembeli semasa dan ia ditakrifkan dengan memasukkan elemen berikut:

Nilai bahan dan bekalan yang digunakan

- + Kos kerja perindustrian yang dibuat oleh orang lain;
- + Tenaga elektrik dan air yang dibeli;
- + Nilai bahan pembakar, pelincir dan gas yang digunakan;
- + Kos bahan yang digunakan bagi pembaikan dan penyelenggaraan harta tetap (termasuk pembayaran kepada pihak lain ke atas kerja ini);
- + Pembayaran terhadap perkhidmatan bukan perindustrian (termasuk bayaran bagi pengangkutan keluar barangan, perjalanan, pengurusan, perundangan, teknologi maklumat, pengiklanan, bank, pos, telekomunikasi, dll.); dan
- + Semua nilai input perantara lain (termasuk kos latihan dan nilai pakaian percuma yang disediakan kepada pekerja).

8. Nilai ditambah

Nilai ditambah ialah tambahan kepada nilai komoditi dan perkhidmatan yang disumbangkan oleh sesebuah pertubuhan pembinaan dan ia diperoleh daripada perbezaan nilai output kasar dengan nilai input perantaraan.

9. Bilangan pekerja

Bilangan pekerja dalam sesebuah pertubuhan ditakrifkan sebagai jumlah bilangan orang yang diambil bekerja pada bulan Disember atau pada tempoh pembayaran gaji terakhir bagi tahun rujukan. Bilangan orang yang bekerja termasuk semua pemilik yang bekerja dan rakan niaga yang aktif, pekerja keluarga tidak bergaji dan pekerja bergaji seperti yang dijelaskan di perenggan i. hingga iv. Termasuk dalam golongan ini ialah pekerja sambilan yang terdapat di dalam daftar gaji dan pekerja yang mogok, berpiket dan bercuti jangka pendek (cuti sakit, cuti rehat atau cuti kecemasan). Tidak termasuk pekerja yang cuti berpanjangan.

- i. **Pemilik yang bekerja dan rakan niaga yang aktif** merujuk kepada semua pemilik perseorangan dan rakan niaga, sambilan atau sepenuh masa, yang bekerja dengan aktif dalam pertubuhan itu. Ia tidak termasuk rakan niaga yang tidak aktif.
- ii. **Pekerja keluarga tidak bergaji** ditakrifkan sebagai semua ahli isi rumah kepada pemilik pertubuhan yang melaksanakan kerja tertentu (sepenuh masa atau sambilan) dan bekerja sekurang-kurangnya satu pertiga daripada waktu bekerja biasa yang diamalkan oleh pertubuhan berkenaan tanpa mendapat bayaran secara berkala sama ada dalam bentuk wang tunai atau mata benda bagi kerja yang dilakukan. Biasanya pekerja berkenaan mendapat makanan, tempat tinggal dan bantuan lain sebagai sebahagian daripada ahli isi rumah pemilik tersebut dan terus mendapatnya sama ada ia bekerja atau tidak di pertubuhan itu.
- iii. **Pekerja sepenuh masa** ditakrifkan sebagai semua pekerja bergaji yang bekerja sekurang-kurangnya enam jam sehari dan sekurang-kurangnya 20 hari sebulan.
- iv. **Pekerja sambilan** meliputi semua pekerja bergaji yang bekerja kurang daripada enam jam sehari dan atau kurang daripada 20 hari sebulan.

10. Kategori kemahiran

Kategori kemahiran telah dikelaskan berdasarkan Piawaian Pengkelasan Pekerjaan Malaysia (MASCO) 2013 adalah seperti berikut :

- i) **Pekerja mahir:** Pengurusan & Profesional dan Juruteknik dan Profesional Bersekutu
- ii) **Pekerja separuh mahir:** Pekerja Perkeranian dan Pekerja Operatif: dan
- iii) **Pekerja kurang mahir:** Pekerja Asas

11. Nilai harta tetap

Nilai harta tetap meliputi semua barangan, baru atau terpakai, ketara atau tidak ketara yang mempunyai hayat produktif lebih daripada setahun. Ia termasuk tanah, bangunan dan struktur, alat pengangkutan, komputer dan peralatan periferal, peralatan serta perabot dan pemasangan lain. Nilai harta tetap bagi awal tahun 2015 dan akhir tahun 2015 berasaskan nilai buku akaun. Pembelian, pengubahsuaian dan pembaikan besar atau perbelanjaan modal pada tahun berkenaan dikira pada nilai sebenar. Nilai harta tetap yang dijual dalam tahun semasa juga dikira pada nilai sebenar.

12. Kadar pertumbuhan tahunan dikompaun (CAGR)

Kadar pertumbuhan tahunan dikompaun (CAGR/ r) bagi sesuatu angkubah bagi tempoh setahun adalah seperti berikut:-

$$y_t = y_0 (1 + r)^t$$

Penyelesaian bagi r ,

$$r = \left[e^{\frac{1}{t} \ln \left(\frac{y_t}{y_0} \right)} - 1 \right] \times 100$$

Dimana,

y_t	=	Nilai pada tahun semasa
y_0	=	Nilai pada tahun sebelum
t	=	Bilangan tahun, $y_t - y_0$
r	=	Purata pertumbuhan tahunan

13. Pembundaran

Jumlah bagi komponen mungkin berbeza dengan jumlah besar di dalam jadual-jadual dalam penerbitan ini disebabkan oleh pembundaran angka.

14. Simbol dan singkatan

Simbol-simbol dan huruf ringkas berikut telah digunakan dalam keseluruhan penerbitan:

.	tiada
.. / NA	tidak berkaitan
>	lebih daripada
<	kurang daripada
}	digabungkan
RM	Ringgit Malaysia
W.P.	Wilayah Persekutuan
t.t.t.l.	tidak terkelas di tempat lain
b	bilion
j	juta
IBS	<i>Industrialised Building System</i>
CAGR	Kadar pertumbuhan tahunan dikompaun

15. Negeri lokasi projek

Merujuk kepada negeri di mana nilai kerja pembinaan adalah yang terbesar bagi tempoh banci. Sebagai contoh, sebuah unit pertubuhan didaftarkan di Selangor tetapi menjalankan kegiatan pembinaan di beberapa buah negeri seperti Johor, Pahang, Terengganu dan Selangor. Sekiranya nilai kerja pembinaan yang dijalankan di negeri Terengganu adalah yang tertinggi pada tahun rujukan itu, maka negeri Terengganu menjadi negeri lokasi projek bagi pertubuhan tersebut, dan nilai keseluruhan nilai kerja pembinaan diperuntukkan kepada negeri lokasi projek berkenaan.

16. Nilai kerja pembinaan

Nilai kerja pembinaan yang dilakukan adalah termasuk pembinaan baru, pembaikan besar, pemulihan, pengubahsuaian dan pembaikan serta penyelenggaraan semasa yang dijalankan dalam tempoh rujukan untuk pemilik atau pelabur projek.

17. Jenis kontraktor

Lazimnya, kontraktor yang terlibat dalam bidang industri pembinaan boleh dikelaskan seperti berikut:

i. Kontraktor am

Kontraktor am bergiat dalam kerja seperti:

- a. membina, meminda, membaiki dan meroboh bangunan;
- b. membina, meminda dan membaiki jalan raya, jambatan, jejambat, alas landasan kereta api, jalan bawah tanah, pelabuhan dan dermaga, pengkalan laut, lapangan terbang dan kawasan letak kereta;
- c. pembedungan, longkang, saluran air, gas dan elektrik, empangan, parit, taliair, projek kawalan banjir dan kuasa air, loji hidroelektrik, saluran paip dan perigi;
- d. padang olahraga, padang golf, kolam renang dan gelanggang tenis;
- e. sistem perhubungan seperti pendawaian telefon dan telegraf;
- f. menanam cerucuk dan membuat perparitan; dan
- g. pembinaan berat yang lain.

ii. Kontraktor pertukangan khas

Kontraktor pertukangan khas hanya menjalankan sebahagian daripada kerja bagi sesebuah projek pembinaan. Antara kegiatan mereka ialah:

- a. memasang kelengkapan sistem paip;
- b. memasang alat pemanas, pendinginan dan penyamanan udara;
- c. memasang bumbung dan kerja konkrit;
- d. memasang lampu, kerja pendawaian elektrik dan kepingan logam;
- e. mengikat dan menurap bata, menyusun jubin, marmar dan batu;
- f. membuat dan menampal lantai, pertukangan kayu; dan
- g. mengecat dan menghias.

- 1. Scope and coverage** *The Census covered establishments primarily engaged in construction activities. A total of 72 industries were covered based on the classification identified in the Category F - Construction, Malaysia Standard Industrial Classification (MSIC) 2008 based on the International Standard Industrial Classification of All Economics (ISIC) Revision 4 published by the United Nations Statistics Division.*
- 2. Source of frame** *The main source of this survey are companies registered with the Companies Commission of Malaysia (CCM), Construction Industry Development Board (CIDB) and local government authorities.*
- 3. Type of business activity** *The type of business activity refers to both principal and secondary activities. The principal activity refers to the activity to which the establishment devoted most of its resources or to which it derived most of its income. Secondary activities are defined as those incidental or ancillary to the principal activity. The classification of the industry of the establishment is based on its principal activity and is in accordance with the Malaysia Standard Industrial Classification (MSIC), 2008 Ver. 1.0.*
- 4. Concepts and definitions** *Concepts and definitions of construction used are in tandem with International Recommendations for Construction Statistics¹ by Department of Economic and Social Information Statistics Division.*
- The definition of construction used in this Census follows that of the Malaysia Standard Industrial Classification (MSIC) 2008 :*
- “new construction, alteration, repair and demolition. Installation of any machinery or equipment which is built-in at the time of the original construction is included, as well as installation of machinery or equipment after the original construction but which requires structural alteration in order to install”.*
- 5. Reporting unit** *The reporting unit for the census is the kind-of-activity unit. It is the same as an establishment but this unit has no restriction with respect to geographical area in which a given kind of activity is carried out by a single legal entity. For multi-activity establishments, certain criteria were used to classify the establishments to the appropriate industry. In the case of multi-activity, in terms of value, the establishments were requested to give separate returns for each of them. When the establishment was involved in only one significant activity, then the rest of the activities were subsumed under this activity and the establishment was classified to the industry of the significant activity.*

¹ *Statistical Papers Series M, No. 47, Rev. 1, United Nations, New York, 1997*

6. Value of gross output

The value of gross output is defined to include the following :

Value of construction work done during the year

- + *Value of goods sold in the same condition as purchased;*
- *Cost of goods sold in the same condition as purchased;*
- + *Income from industrial services rendered to others;*
- + *Capital expenditure on own construction;*
- + *Income from industrial work done (e.g. manufacturing, quarry, etc.);*
- + *Receipts from scrap, electricity, waste product, etc. sold to others ;*
- + *Commission and brokerage earned; and*
- + *All other output (such as receipts of non-industrial services, such as, management fees received, incomes from rental of property, etc.); and*
- + *Research and development expenditure (In-house).*

7. Value of intermediate input

The cost of intermediate input is in current purchaser's price and is defined to include the following :

Value of materials and supplies consumed

- + *Cost of industrial work done by others;*
- + *Electricity and water purchased;*
- + *Value of fuels, lubricants and gas consumed;*
- + *Cost of materials used for repairs and maintenance of assets (including payments to others for this work);*
- + *Payment for non-industrial services including cost of carriage outwards, management, legal services, information technology, advertising, legal fees, postage, etc.); and*
- + *All other input costs (including training and value of the free wearing apparel provided for the workers).*

8. Value added enggaged

Value added is the increment to the value of commodities and services contributed by the construction establishment and it is derived as the difference between the value of gross output and the value of intermediate input.

9. Number of persons

Number of persons engaged in an establishment is defined as the total number of persons employed during December or the last pay period of the reference year. The number of persons engaged includes all working

proprietors and active business partners, unpaid family workers and paid employees as defined in paragraphs i. to iv. Included are part-time workers in the payroll and persons on strike, picket and short-term leave (sick, vacation or emergency leave) excluding workers on indefinite leave.

- i. **Working proprietors and active business partners** refer to all individual proprietors and partners, part-time or full-time, who are actively engaged in the work of the establishment. It therefore excludes silent and inactive partners.
- ii. **Unpaid family workers** is defined as all persons (full-time or part-time) of the household of any of the owners of the establishment who perform a specified job and work for a minimum of one third of the normal working time of the establishment, but do not receive regular payment either in cash or in kind for the work done. Such workers generally receive food, shelter and other support as part of the household of an owner but these provisions would continue whether they worked in the establishment or not.
- iii. **Full-time employees** is defined as all paid workers who work for at least six hours a day and for at least 20 days a month.
- iv. **Part-time employees** include all paid workers who work for less than six hours a day and/or less than 20 days a month.

10. Category of skilled

Category of skilled has been categorised according to Malaysia Standard Classification of Occupations 2013 (MASCO) as follow:

- i) **High-skilled:** Manager & Professionals and Technician & Associate Professionals;
- ii) **Semi-skilled:** Clerical Occupations & Operative Workers; and
- iii) **Low-skilled:** Elementary Workers

11. Value of fixed assets

Fixed assets cover all goods, new or used, tangible or intangible that has a normal economic life span of more than one year. Included are land, buildings and structure, transport equipment, computer and peripheral equipment, other machinery, equipment and furniture and fittings. Value of assets as at the beginning of 2015 and end of 2015 was based on net book value. Purchases, alterations and major repairs or capital expenditure during the year were valued at actual costs incurred. Value of fixed assets sold during the year refers to the realised value.

12. Compound annual growth rate (CAGR)

The compound annual growth rate (CAGR/ r) in the value of a variable over the period of a year base on:

$$y_t = y_0 (1 + r)^t$$

Solving for r,

$$r = \left[e^{\frac{1}{t} \ln \left(\frac{y_t}{y_0} \right)} - 1 \right] \times 100$$

where

- y_t = Value at current year
- y₀ = Value at previous year
- t = Number of years, y_t - y₀
- r = Average annual growth

13. Rounding

The sum of the components may not add up to the total in the tables presented in this publication due to rounding.

14. Symbols and abbreviations

The following symbols and notations have been used throughout the publication:

- . nil
- .. / NA not applicable
- > greater than
- < less than
- } combine
- RM Ringgit Malaysia
- W.P. Wilayah Persekutuan

<i>n.e.c.</i>	<i>not elsewhere classified</i>
<i>b</i>	<i>billion</i>
<i>m</i>	<i>million</i>
<i>IBS</i>	<i>Industrialised Building System</i>
<i>CAGR</i>	<i>Compound annual growth rate</i>

15. State of project location *State of project location refers to the state where the value of construction work done was the highest for the reference period. For example, an establishment unit registered in Selangor and was engaged in construction activities in number of states, namely Johor, Pahang, Terengganu and Selangor. Therefore, if the value of construction done in Terengganu is the highest, then Terengganu became the “state of project location” for the establishment, and the total value of construction is assigned to the state of project location.*

16. Value of construction work done *Value for construction work done includes new work, capital repairs, restorations, conversions and current repairs and maintenances which were carried out during the reference period for the owner or investor of the project.*

17. Type of contractors *Generally, contractors involved in construction industries can be classified as follows:*

i. General contractors

General contractors may be engaged in the following:

- a. constructing, altering, repairing and demolishing buildings;*
- b. constructing, altering and repairing highways and streets, bridges, viaducts, railways, road-beds, harbours and waterways, piers, airports and parking areas;*
- c. culverts, sewers, water, gas and electricity mains, dams, drainage, irrigation, flood-control and water power projects, hydroelectric plants, pipe lines and water wells;*
- d. athletic fields, golf courses, swimming pools and tennis courts;*
- e. communication systems such as telephone and telegraph lines;*
- f. pile driving and land draining; and*
- g. other type of heavy construction.*

ii. **Special trade contractors**

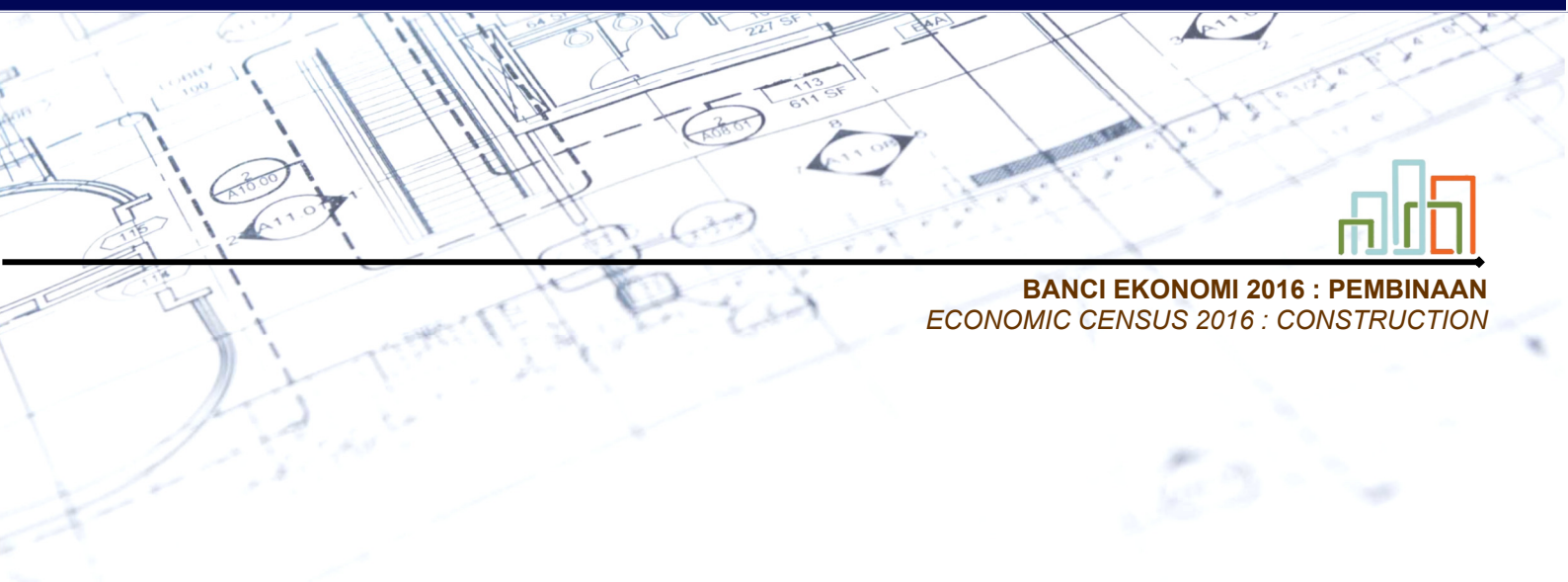
Special trade contractors are engaged only in part of the work of a construction project. They may engage in such activities as:

- a. plumbing installation;*
- b. heating, air conditioning and refrigeration installation;*
- c. roofing installation and concrete work;*
- d. lighting and electrical wiring, sheet metal;*
- e. bricklaying, stone setting, tiles setting, marble and stone works;*
- f. floor-laying, plastering and lathing, carpentry; and*
- g. painting and decorating.*



BAHAGIAN 3
PART 3

JADUAL *TABLES*



BANCI EKONOMI 2016 : PEMBINAAN
ECONOMIC CENSUS 2016 : CONSTRUCTION

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Jadual
Table **1**

Perangkaan utama sektor pembinaan, 2000 - 2015
Principal statistics of construction sector, 2000 - 2015

Tahun Year	Bilangan pertubuhan Number of establishments	Nilai output kasar Value of gross output	Nilai input perantaraan Value of intermediate input	Nilai ditambah Value added	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir Total number of persons engaged during December or the last pay period	Gaji & upah yang dibayar Salaries & wages paid	Nilai harta tetap dimiliki pada akhir tahun Value of fixed assets owned as at the end of the year
		(RM Juta) (RM Million)	(RM Juta) (RM Million)	(RM Juta) (RM Million)		(RM Juta) (RM Million)	(RM Juta) (RM Million)
2015*	40,558	177,939	114,754	63,184	1,290,474	32,899	25,106
2013	30,920	131,263	89,487	41,776	1,075,950	25,324	15,598
2012	26,376	110,068	73,055	37,014	1,027,900	22,434	14,071
2010*	22,140	91,342	59,400	31,941	974,488	19,841	14,476
2009	5,764	70,600	49,365	21,235	602,694	13,967	9,359
2007	5,543	60,716	42,617	18,099	595,139	12,957	8,395
2005*	10,347	53,960	36,987	16,973	551,755	10,868	7,487
2004	4,450	45,776	31,773	14,002	449,944	9,285	6,623
2002	4,328	41,756	28,361	13,394	455,663	9,108	6,152
2000*	5,068	39,872	26,648	13,224	458,580	8,722	6,688

Nota :
Note :

(*) Merujuk kepada Banci
Refer to Census

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod industri <i>Industry code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM'000)	(RM'000)	(RM'000)		(RM'000)	(RM'000)
Jumlah/ Total		40,558	177,938,694	114,754,354	63,184,340	1,290,474	32,899,322	25,105,605
Pembinaan bangunan kediaman <i>Residential buildings</i>	41001	8,206	45,652,183	29,600,385	16,051,798	329,088	8,544,051	4,765,664
Pembinaan bangunan bukan kediaman <i>Non-residential buildings</i>		7,651	46,097,629	29,961,846	16,135,783	325,473	8,280,554	5,831,200
Bangunan bukan kediaman <i>Non-residential buildings</i>	41002	5,648	40,660,494	26,397,091	14,263,403	281,313	7,259,124	5,340,100
Pemasangan dan pendirian bangunan pasang siap di tapak pembinaan <i>Assembly and erection of prefabricated constructions on the site</i>	41003	151	2,124,657	1,481,205	643,452	12,239	328,312	102,771
Pembinaan bangunan t.t.t.l. <i>Construction of buildings n.e.c.</i>	41009	1,852	3,312,479	2,083,550	1,228,929	31,921	693,119	388,329
Kejuruteraan awam <i>Civil engineering</i>		9,743	48,088,145	30,815,295	17,272,850	325,741	8,532,238	8,621,750
Pembinaan laluan kenderaan bermotor, lorong, jalan, laluan pejalan kaki dan kenderaan lain <i>Construction of motorways, streets, roads, other vehicular and pedestrian ways</i>	42101	974	4,624,090	3,133,842	1,490,248	34,146	781,442	528,163

Jadual
Table **2**

Perangkaan utama sektor pembinaan mengikut industri, 2015 (samb.)
Principal statistics of construction sector by industry, 2015 (cont'd)

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod industri <i>Industry code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM'000)	(RM'000)	(RM'000)		(RM'000)	(RM'000)
Kerja penurapan jalan, jalan raya, lebuh raya, jambatan atau terowong <i>Surface work on streets, roads, highways, bridges or tunnels</i>	42102	2,664	8,084,013	5,163,782	2,920,231	62,001	1,428,111	1,147,058
Pembinaan jambatan termasuk untuk lebuh raya bertingkat <i>Construction of bridges, including those for elevated highways</i>	42103	159	2,076,786	1,360,543	716,243	11,042	391,876	284,416
Pembinaan terowong <i>Construction tunnels</i>	42104	6	1,101,552	527,562	573,989	3,250	120,148	132,602
Pembinaan landasan kereta api dan laluan bawah tanah <i>Construction of railways and subways</i>	42105	33	1,391,662	907,575	484,087	8,264	287,072	159,992
Pembinaan landasan lapangan terbang <i>Construction of railways/ airports runways</i>	42106	3	109,415	77,190	32,225	558	17,280	15,743
Pembinaan jalan raya dan landasan kereta api t.t.t.l. <i>Construction of roads and railways n.e.c</i>	42109	359	335,174	214,553	120,621	3,942	66,389	48,292
Saluran paip jarak jauh, talian komunikasi dan kuasa <i>Long-distance pipelines, communication and power lines</i>	42201	254	4,508,220	2,914,294	1,593,926	20,465	663,822	993,225
Saluran paip dalam bandar talian komunikasi dan kuasa dalam bandar; kerja-kerja berkaitan dalam bandar <i>Urban pipelines, urban communication and power lines; ancillary urban works</i>	42202	378	1,995,105	1,340,528	654,578	13,742	364,245	278,763

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod industri <i>Industry code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM'000)	(RM'000)	(RM'000)		(RM'000)	(RM'000)
Pembinaan punca dan saluran air <i>Water main and line construction</i>	42203	385	1,313,516	890,512	423,004	9,336	226,251	93,865
Loji takungan/Reservoirs	42204	29	100,259	63,438	36,821	769	20,373	12,849
Pembinaan sistem pengairan (terusan) <i>Construction of irrigation systems (canals)</i>	42205	208	663,263	485,580	177,683	4,381	106,330	86,124
Pembinaan sistem pembetulan (termasuk pembaikan) dan loji pelupusan sisa kumbahan <i>Construction of sewer systems (including repair) and sewage disposal plants</i>	42206	265	2,291,562	1,437,916	853,646	17,529	485,362	312,620
Pembinaan janakuasa <i>Construction of power plants</i>	42207	56	3,980,644	2,547,217	1,433,427	23,772	722,726	1,295,820
Pembinaan projek utiliti t.t.t.l. <i>Construction of utility projects n.e.c</i>	42209	294	308,490	191,086	117,404	3,275	64,772	51,801
Pembinaan loji penapisan <i>Construction of refineries</i>	42901	65	6,606,908	4,062,526	2,544,382	36,480	1,041,537	1,951,797
Pembinaan laluan air, kerja pelabuhan dan sungai, <i>pleasure ports</i> (marinas), kunci air <i>Construction of waterways, harbor and river works, pleasure ports (marinas), locks</i>	42902	235	1,425,770	954,636	471,134	9,461	255,278	148,444
Pembinaan empangan dan daik <i>Construction of dams and dykes</i>	42903	54	550,355	370,060	180,295	3,783	105,562	47,852
Penggalian laluan air <i>Dredging waterways</i>	42904	156	915,045	558,192	356,853	6,782	182,863	98,265

Jadual
Table **2**

Perangkaan utama sektor pembinaan mengikut industri, 2015 (samb.)
Principal statistics of construction sector by industry, 2015 (cont'd)

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod industri <i>Industry code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM'000)	(RM'000)	(RM'000)		(RM'000)	(RM'000)
Kemudahan sukan luar dewan <i>Outdoor sports facilities</i>	42905	116	197,736	121,788	75,948	1,701	38,448	26,392
Pembahagian tanah berserta dengan penambahbaikan tanah <i>Land subdivision with land improvement</i>	42906	50	61,073	40,500	20,573	620	11,413	11,839
Pembinaan projek kejuruteraan awam t.t.t.l. <i>Construction of other engineering projects n.e.c</i>	42909	2,730	5,447,508	3,451,973	1,995,535	50,442	1,150,938	895,827
Aktiviti pembinaan pertukangan khas <i>Specialized construction activities</i>		15,228	38,100,736	24,376,830	13,723,906	310,172	7,542,479	5,886,991
Perobohan atau perancangan bangunan dan struktur lain <i>Demolition or wrecking of buildings and other structures</i>	43110	54	221,978	158,618	63,360	1,320	34,868	54,706
Pembersihan tapak bangunan <i>Clearing of building sites</i>	43121	80	261,639	177,539	84,100	1,760	43,981	49,986
Pengalihan tanah <i>Earth moving</i>	43122	511	942,948	569,914	373,034	8,624	200,859	246,634
Pengujian tanah, penggerudian dan penggalian tanah untuk tujuan pembinaan, geofizikal, geological atau tujuan seumpamanya <i>Drilling, boring and core sampling for construction, geophysical, geological or similar purposes</i>	43123	65	614,150	422,370	191,780	4,243	130,546	93,707
Penyediaan tapak bagi perlombongan <i>Site preparation for mining</i>	43124	12	66,705	39,636	27,069	616	14,462	15,319

Jadual 2
Table

Perangkaan utama sektor pembinaan mengikut industri, 2015 (samb.)
Principal statistics of construction sector by industry, 2015 (cont'd)

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod industri <i>Industry code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM'000)	(RM'000)	(RM'000)		(RM'000)	(RM'000)
Perparitan bagi tanah pertanian atau perhutanan <i>Drainage of agricultural or forestry land</i>	43125	28	15,995	8,169	7,826	231	4,391	3,790
Kerja penebusgunaan tanah <i>Land reclamation work</i>	43126	24	133,834	85,583	48,251	960	26,366	52,085
Aktiviti penyediaan tapak lain t.t.t.l. <i>Other site preparation activities n.e.c</i>	43129	130	140,222	88,072	52,150	1,327	28,767	20,370
Pendawaian dan pemasangan elektrik <i>Electrical wiring and fittings</i>	43211	3,924	9,853,386	6,452,335	3,401,051	78,801	1,868,965	1,396,446
Pendawaian telekomunikasi <i>Telecommunications wiring</i>	43212	194	686,230	447,813	238,417	5,536	145,808	64,315
Pendawaian rangkaian computer dan kabel televisyen <i>Computer network and cable television wiring</i>	43213	62	540,777	369,612	171,165	3,681	106,571	82,588
Piring Satelit <i>Satellite dishes</i>	43214							
Sistem pencahayaan <i>Lighting systems</i>	43215	90	193,889	121,925	71,964	1,788	41,006	35,257
Sistem keselamatan <i>Security systems</i>	43216	263	555,646	365,935	189,711	4,570	108,312	80,125
Pemasangan elektrik t.t.t.l. <i>Electrical installation n.e.c.</i>	43219	576	865,782	556,982	308,800	7,817	174,341	126,314

Jadual
Table 2

Perangkaan utama sektor pembinaan mengikut industri, 2015 (samb.)
Principal statistics of construction sector by industry, 2015 (cont'd)

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod industri <i>Industry code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM'000)	(RM'000)	(RM'000)		(RM'000)	(RM'000)
Pemasangan sistem pemanasan (elektrik, gas dan minyak) <i>Installation of heating systems (electric, gas and oil)</i>	43221	29	87,824	54,769	33,055	678	18,031	8,107
Pemasangan relau, menara pendinginan <i>Installation of furnaces and cooling towers</i>	43222	11	71,409	46,767	24,642	448	11,092	4,078
Pemasangan pengumpul tenaga solar bukan elektrik <i>Installation of non-electric solar energy collector</i>	43223	67	234,330	149,778	84,552	1,653	45,975	28,260
Pemasangan sistem paip dan peralatan sanitasi <i>Installation of plumbing and sanitary equipments</i>	43224	787	1,949,258	1,202,686	746,572	17,025	399,226	279,351
Pemasangan peralatan dan saluran pengudaraan, penyejukan dan pendinginan udara <i>Installation of ventilation, refrigeration or air-conditioning equipments and ducts</i>	43225	750	2,136,618	1,364,905	771,713	16,345	436,188	298,077
Pemasangan kelengkapan gas <i>Installation of fittings</i>	43226	50	388,640	251,165	137,475	3,160	89,247	58,703
Pemasangan sistem perenjis air untuk kebakaran dan padang <i>Installation of fire and lawn sprinkler systems</i>	43227	90	324,020	205,629	118,391	2,637	67,218	55,189
Pemasangan paip untuk wap <i>Steam piping</i>	43228	15	30,761	19,915	10,846	229	6,357	4,194

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod industri <i>Industry code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM'000)	(RM'000)	(RM'000)		(RM'000)	(RM'000)
Pemasangan sistem paip, pemanasan dan pendinginan udara t.t.t.l. <i>Plumbing, heat and air-conditioning installation n.e.c</i>	43229	140	140,838	86,964	53,874	1,388	29,945	27,459
Pemasangan lif, eskalator dalam bangunan atau projek pembinaan lain <i>Installation of elevators, escalator in buildings or other construction projects</i>	43291	121	978,699	651,754	326,945	5,457	166,462	71,747
Pemasangan pintu automatik dan berputar dalam bangunan atau projek pembinaan lain <i>Installation of automated and revolving doors in buildings or other construction projects</i>	43292	31	40,360	24,326	16,035	445	9,548	12,219
Pemasangan konduktor kilat dalam bangunan atau projek pembinaan lain <i>Installation of lightning conductors in buildings or other construction project</i>	43293	18	60,426	39,263	21,163	431	11,853	6,013
Pemasangan sistem pembersihan vakum dalam bangunan atau projek pembinaan lain <i>Vacuum cleaning installation in buildings or other construction projects</i>	43294	6	2,818	1,625	1,193	26	574	479
Pemasangan sistem penebat haba, bunyi atau gegaran dalam bangunan atau projek pembinaan lain <i>Installation of thermal, sound or vibration insulation in buildings or other construction projects</i>	43295	22	42,063	26,868	15,195	342	7,974	6,513
Pemasangan pembinaan lain t.t.t.l. <i>Other construction installation n.e.c</i>	43299	267	312,538	192,135	120,403	3,055	63,770	51,171

Jadual
Table **2**

Perangkaan utama sektor pembinaan mengikut industri, 2015 (samb.)
Principal statistics of construction sector by industry, 2015 (cont'd)

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod industri <i>Industry code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM'000)	(RM'000)	(RM'000)		(RM'000)	(RM'000)
Pemasangan rangka pintu, tingkap, rangka/bingkai pintu dan tingkap daripada kayu atau bahan lain, dapur pasang siap, tangga, kelengkapan kedai dan perabot <i>Installation of doors, windows, door and window frames of woods or other materials, fitted kitchen, staircases, shop fittings and furniture</i>	43301	590	1,043,239	653,501	389,738	9,321	216,623	172,859
Melapis, memasang jubin, menggantung atau memasang kelengkapan bangunan atau projek pembinaan lain daripada pelbagai bahan <i>Laying, tiling, hanging or fitting in buildings or other construction projects of various types of materials</i>	43302	704	1,679,638	1,032,902	646,737	13,758	328,017	289,707
Mengecat dalam dan luar bangunan <i>Interior and exterior painting of buildings</i>	43303	579	715,469	452,764	262,704	7,205	149,122	89,149
Mengecat struktur kejuruteraan awam <i>Painting of civil engineering structures</i>	43304	65	65,077	39,965	25,112	657	13,786	10,048
Pemasangan kaca, cermin <i>Installation of glass, mirrors</i>	43305	163	335,211	221,104	114,107	3,033	70,439	66,156
Penyiapan dalam bangunan <i>Interior completion</i>	43306	686	2,216,799	1,397,341	819,458	18,243	440,227	292,858
Pembersihan bangunan baru selepas kerja pembinaan <i>Cleaning of new buildings after construction</i>	43307	115	1,079,444	628,132	451,312	8,551	216,069	177,271
Penyiapan dan kemas bangunan lain t.t.t.l. <i>Other building completion and finishing work n.e.c</i>	43309	1,522	1,317,316	829,663	487,653	14,432	283,601	185,844

Jadual
Table 2

Perangkaan utama sektor pembinaan mengikut industri, 2015 (samb.)
Principal statistics of construction sector by industry, 2015 (cont'd)

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod industri <i>Industry code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM'000)	(RM'000)	(RM'000)		(RM'000)	(RM'000)
Pembinaan tapak, termasuk memantak cerucuk <i>Construction of foundations, including pile driving</i>	43901	355	3,593,401	2,386,992	1,206,409	25,291	668,823	611,065
Pembinaan elemen keluli yang bukan dibuat sendiri <i>Erection of non-self-manufactured steel elements</i>	43902	61	587,966	385,982	201,983	4,370	116,664	114,389
Memasang dan membuka semula perancah dan platform kerja <i>Scaffolds and work platform erecting and dismantling</i>	43903	31	340,515	217,362	123,153	2,303	69,035	65,812
Kerja mengikat dan menyusun bata <i>Bricklaying and stone setting</i>	43904	26	244,031	154,637	89,394	1,744	46,496	27,275
Pembinaan kolam renang luar bangunan <i>Construction of outdoor swimming pools</i>	43905	23	46,598	29,625	16,973	423	10,310	9,292
Pembersihan menggunakan stim, pancutan air deras berpasir dan aktiviti seumpamanya untuk luar bangunan <i>Steam cleaning, sand blasting and similar activities for building exteriors</i>	43906	42	195,410	119,651	75,759	1,902	45,891	30,862
Penyewaan jentera dan peralatan pembinaan dengan operator (cth. kren) <i>Renting of construction machinery and equipment with operator (e.g. cranes)</i>	43907	492	1,204,136	672,734	531,402	9,245	257,778	267,602
Aktiviti pembinaan pertukangan khas lain t.t.t.l. <i>Other specialized construction activities, n.e.c</i>	43909	1,357	1,542,702	971,425	571,277	15,101	316,895	243,602

Nota : Industri merujuk kepada industri utama semasa tahun banci di mana nilai kerja pembinaan adalah yang tertinggi
Note : The industry refers to main activities during the census year where the value of construction work done is the highest

Jadual 3.1
Table

Perangkaan utama sektor pembinaan mengikut negeri lokasi projek, 2015
Principal statistics of construction sector by state of project location, 2015

Negeri lokasi projek <i>State of project location</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah/Total	40,558	177,938,694	114,754,354	63,184,340	1,290,474	32,899,322	25,105,605
Johor	5,023	35,825,335	23,089,042	12,736,294	240,493	5,952,722	5,215,964
Kedah	1,515	3,280,185	2,240,069	1,040,116	26,895	603,609	368,894
Kelantan	696	3,036,700	2,056,865	979,834	16,678	433,744	649,850
Melaka	1,457	2,959,870	1,973,383	986,486	21,763	477,760	430,953
Negeri Sembilan	3,001	5,147,960	3,433,146	1,714,815	48,288	1,022,492	591,238
Pahang	2,305	7,836,115	5,098,102	2,738,013	59,471	1,593,161	1,190,565
Perak	3,169	7,877,901	4,864,266	3,013,634	67,223	1,641,042	1,848,228
Perlis	706	434,551	280,353	154,198	6,200	82,863	43,016
Pulau Pinang	2,888	9,872,524	6,398,162	3,474,362	71,403	1,942,624	1,320,738
Sabah	2,513	8,162,547	5,513,652	2,648,895	64,860	1,356,048	968,215
Sarawak	1,818	12,159,350	7,511,248	4,648,102	89,289	2,379,386	1,546,406
Selangor	7,995	46,923,025	30,444,917	16,478,108	316,873	8,605,468	7,336,679
Terengganu	1,422	4,601,924	2,934,817	1,667,107	34,721	954,991	459,164
W.P. Kuala Lumpur	5,609	27,191,226	17,242,063	9,949,162	208,239	5,337,736	2,742,297
W.P. Labuan	170	421,417	309,841	111,575	2,865	63,437	57,022
W.P. Putrajaya	271	2,208,066	1,364,426	843,640	15,213	452,242	336,375

Jadual 3.2
Table

Nilai kerja pembinaan mengikut negeri, 2015
Value of construction work done by state, 2015

Negeri mengikut alamat pos pertubuhan State based on establishment's mailing address	Bilangan pertubuhan/ Number of establishments	JUMLAH TOTAL	Nilai kerja pembinaan mengikut negeri lokasi projek/Value of construction work done by project location state															(RM '000)		
			Johor	Kedah	Kelantan	Melaka	Negeri Sembilan	Pahang	Perak	Perlis	Pulau Pinang	Sabah	Sarawak	Selangor	Terengganu	W.P. Kuala Lumpur	W.P. Labuan	W.P. Putrajaya		
MALAYSIA	40,558	174,930,011	31,602,994	3,396,005	1,985,253	3,272,475	5,355,468	6,990,906	8,069,448	471,876	9,242,239	8,723,982	11,048,947	44,815,749	5,271,356	31,441,195	421,452	2,820,665		
Johor	4,564	18,745,700	18,314,306	4,093	7,231	77,151	3,209	156,703	3,776	-	10,615	8,932	5,377	84,372	3,775	59,237	-	6,922		
Kedah	1,500	2,858,872	45,742	1,986,426	3,015	4,672	12,487	1,730	41,900	108,922	285,301	1,263	794	232,142	19,694	25,760	86	88,935		
Kelantan	628	925,908	71,715	5,322	680,951	1,023	42,190	40,594	22,181	2,248	1,099	-	9,519	32,783	14,172	1,554	-	558		
Melaka	1,300	2,351,049	173,150	-	-	1,970,177	133,239	8,128	5,404	1,271	1,157	-	791	39,450	694	17,588	-	-		
Negeri Sembilan	2,948	3,621,104	219,772	285	1,717	131,437	2,535,834	170,660	18,886	1,385	63,435	6,378	63,503	257,878	28,323	101,207	-	20,403		
Pahang	1,946	2,667,794	54,411	4,753	23,022	3,399	537	2,423,372	15,115	-	13,395	650	4,558	58,904	55,539	9,960	-	178		
Perak	3,061	4,429,917	37,065	51,803	13,508	3,676	15,010	75,896	3,868,642	14,647	67,106	8,811	1,719	257,415	2,222	12,323	-	73		
Perlis	665	239,847	-	83	-	-	-	-	-	238,427	53	-	-	1,284	-	-	-	-		
Pulau Pinang	2,818	8,081,623	183,864	527,987	24,738	2,824	10,215	15,677	28,168	5,055	7,028,744	5,934	14,740	181,063	8,897	43,717	-	-		
Sabah	2,503	6,159,907	-	7,549	-	-	9,847	15,269	-	-	-	6,002,156	66,189	4,166	6,785	210	47,736	-		
Sarawak	1,732	7,519,543	43,797	-	-	-	27,485	-	-	-	-	38,433	7,375,542	17,411	-	10,659	6,216	-		
Selangor	10,098	69,791,258	6,300,905	557,624	1,067,761	779,361	1,586,280	2,282,155	2,633,767	93,593	964,784	1,520,177	1,541,818	36,080,091	1,782,811	10,375,032	50,104	2,174,994		
Terengganu	1,351	2,219,701	5,305	5,571	20,411	-	33,512	94,491	608	-	-	5,829	9,608	33,813	1,985,399	24,210	-	943		
W.P. Kuala Lumpur	5,265	44,226,845	5,938,072	244,509	142,898	280,347	921,047	1,683,491	1,429,204	6,327	806,550	1,080,714	1,896,271	7,453,694	1,362,321	20,635,581	45,778	300,041		
W.P. Labuan	152	377,449	-	-	-	-	-	3,096	-	-	-	44,703	58,117	-	-	-	271,533	-		
W.P. Putrajaya	27	713,495	214,890	-	-	18,408	24,574	19,643	1,797	-	-	-	400	81,284	724	124,156	-	227,620		

Nota/Notes:

Melintang/Horizontal : Pertubuhan yang beralamat di negeri berkenaan tetapi menyumbang nilai kerja pembinaan kepada negeri lain / Establishments located in the state but contributed to construction work done to other states

Ke bawah/Vertical : Nilai kerja pembinaan bagi negeri yang disumbang oleh pertubuhan yang beralamat di luar negeri berkenaan / Value of construction work done for the state has been contributed by the other states

Jadual 4
Table

Perangkaan utama sektor pembinaan mengikut taraf sah, 2015
Principal statistics of construction sector by legal status, 2015

Taraf sah <i>Legal status</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
		(RM'000)	(RM'000)	(RM'000)		(RM'000)	(RM'000)
Jumlah/ Total	40,558	177,938,694	114,754,354	63,184,340	1,290,474	32,899,322	25,105,605
Hak milik perseorangan <i>Individual proprietorship</i>	14,834	5,956,963	3,611,635	2,345,328	100,951	1,254,519	735,537
Perkongsian <i>Partnership</i>	4,653	3,134,192	1,920,938	1,213,253	44,344	661,485	409,669
Perkongsian liability terhad <i>Limited liabilities partnership</i>	12	6,438	3,642	2,796	84	1,493	1,124
Syarikat sendirian berhad <i>Private limited company</i>	20,919	163,138,041	106,030,912	57,107,129	1,108,623	29,940,098	22,153,100
Syarikat awam berhad <i>Public limited company</i>	36	5,501,469	3,077,258	2,424,211	34,044	977,551	1,750,493
Syarikat Koperasi <i>Co-operative</i>	96	79,542	46,313	33,229	1,129	18,831	15,515
Perbadanan awam <i>Public corporation</i>	8	122,050	63,656	58,393	1,299	45,345	40,167

Jadual
Table **5**

Perangkaan utama sektor pembinaan mengikut hak milik, 2015
Principal statistics of construction sector by ownership, 2015

Hak milik <i>Ownership</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
		(RM'000)	(RM'000)	(RM'000)		(RM'000)	(RM'000)
Jumlah/ Total	40,558	177,938,694	114,754,354	63,184,340	1,290,474	32,899,322	25,105,605
Residen Malaysia <i>Malaysian residents</i>	40,501	173,185,449	111,595,107	61,590,343	1,268,645	32,118,074	24,936,231
Bukan residen Malaysia <i>Non-Malaysian residents</i>	52	4,640,234	3,078,166	1,562,068	20,919	758,560	166,562
Hak milik bersama <i>Joint ownership</i>	5	113,011	81,081	31,929	910	22,689	2,812

Jadual
Table **6**

Perangkaan utama sektor pembinaan mengikut saiz pekerja, 2015
Principal statistics of construction sector by employment size , 2015

Saiz pekerja <i>Employment size</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
		(RM'000)	(RM'000)	(RM'000)		(RM'000)	(RM'000)
Jumlah/ Total	40,558	177,938,694	114,754,354	62,182,340	1,290,474	32,899,322	25,105,605
Kurang daripada 5 pekerja <i>Less than 5 employees</i>	14,238	2,814,487	1,701,093	1,113,395	49,895	554,625	431,350
5 pekerja - < 30 pekerja <i>5 employees - < 30 employees</i>	19,513	23,826,058	15,213,634	8,612,424	233,973	4,747,333	3,493,084
30 pekerja - ≤ 75 pekerja <i>30 employees - ≤ 75 employees</i>	3,915	23,415,907	15,456,981	7,958,926	181,817	4,433,646	3,504,210
Lebih daripada 75 pekerja <i>More than 75 employees</i>	2,892	127,882,242	82,382,646	45,499,595	824,789	23,163,718	17,676,961

Saiz output Output size	Bilangan pertubuhan Number of establishments	Nilai output kasar Value of gross output	Nilai input perantaraan Value of intermediate input	Nilai ditambah Value added	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir Total number of persons engaged during December or the last pay period	Gaji & upah yang dibayar Salaries & wages paid	Nilai harta tetap dimiliki pada akhir tahun Value of fixed assets owned as at the end of the year
		(RM'000)	(RM'000)	(RM'000)		(RM'000)	(RM'000)
Jumlah/ Total	40,558	177,938,694	114,754,354	63,184,340	1,290,474	32,899,322	28,105,605
Kurang daripada RM300,000 <i>Less than RM300,000</i>	14,289	1,849,163	1,040,856	808,306	61,184	420,645	261,765
RM300,000 - < RM3 juta <i>RM300,000 - < RM3 million</i>	18,498	19,664,823	12,176,236	7,488,587	209,688	4,233,839	5,905,269
RM3 juta - ≤ RM20 juta <i>RM3 million - ≤ RM20 million</i>	6,357	46,274,952	30,342,339	15,932,613	359,029	9,048,388	6,732,796
Lebih daripada RM20 juta <i>More than RM20 million</i>	1,414	110,149,756	71,194,923	38,954,834	660,573	19,196,451	15,205,776

Jadual 8
Table

Perangkaan utama sektor pembinaan mengikut saiz harta tetap, 2015
Principal statistics of construction sector by size of fixed assets, 2015

Saiz harta tetap <i>Fixed assets size</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
(RM'000)		(RM'000)	(RM'000)	(RM'000)		(RM'000)	(RM'000)
Jumlah/Total	40,558	177,938,694	114,754,354	63,184,340	1,290,474	32,899,322	25,105,605
Kurang daripada 10 <i>Less than</i>	11,297	6,011,464	3,880,706	2,130,758	80,855	1,195,759	26,933
10 - < 50	10,072	8,639,259	5,420,796	3,218,462	97,605	1,833,995	259,560
50 - < 100	4,825	7,368,340	4,762,351	2,605,989	68,915	1,474,553	350,408
100 - < 200	4,360	10,059,389	6,432,786	3,626,603	87,027	2,013,466	620,654
200 - < 500	4,388	18,231,679	11,890,754	6,340,925	142,575	3,538,504	1,401,026
500 - < 1,000	2,227	16,980,098	11,183,083	5,797,014	125,886	3,263,418	1,569,426
1,000 - < 2,000	1,539	19,767,939	12,989,916	6,778,024	140,610	3,725,151	2,153,112
2,000 - < 5,000	1,140	27,773,179	18,438,023	9,335,157	181,463	5,052,440	3,507,163
5,000 - < 10,000	405	16,772,021	11,141,963	5,630,058	104,913	2,947,414	2,774,531
10,000 - < 50,000	257	26,305,501	16,837,239	9,468,262	158,854	4,690,490	4,958,209
50,000 - dan lebih <i>and above</i>	48	20,029,825	11,776,738	8,253,087	101,771	3,154,131	7,484,584

Jadual 9
Table

Nilai kerja pembinaan yang dibuat mengikut jenis binaan, 2015
Value of construction work done by types of construction, 2015

(RM '000)

Jenis binaan <i>Types of construction</i>	Jumlah / Total		Kerajaan / Government		Persendirian / Private		
	Jumlah <i>Total</i>	Pembinaan baru dan kerja membaikpulih <i>New construction and major renovation</i>	Kerja membaiki dan menyelenggara <i>Repairs and maintenance</i>	Pembinaan baru dan kerja membaikpulih <i>New construction and major renovation</i>	Kerja membaiki dan menyelenggara <i>Repairs and maintenance</i>	Pembinaan baru dan kerja membaikpulih <i>New construction and major renovation</i>	Kerja membaiki dan menyelenggara <i>Repairs and maintenance</i>
Jumlah / Total	174,930,011	164,277,651	10,652,360	27,671,496	3,822,880	136,606,155	6,829,480
Bangunan kediaman <i>Residential buildings</i>	44,107,678	42,942,419	1,165,259	3,699,930	279,320	39,242,489	885,940
Bangunan perindustrian <i>Industrial buildings</i>	9,071,639	8,582,801	488,839	577,722	98,080	8,005,078	390,759
Pejabat dan bangunan perniagaan <i>Office and commercial buildings</i>	19,446,430	18,879,393	567,037	1,790,858	150,169	17,088,535	416,868
Sekolah dan bangunan pelajaran lain <i>Schools and other educational buildings</i>	2,264,357	2,095,549	168,808	1,286,878	102,227	808,671	66,580
Hospital dan bangunan lain untuk perkhidmatan kesihatan <i>Hospitals and other buildings for health services</i>	1,024,474	937,713	86,761	580,866	28,781	356,848	57,981
Bangunan lain/ Other buildings	13,880,272	13,349,255	531,017	1,751,006	124,076	11,598,250	406,940
Pembinaan jalan, jambatan, terowong, jambat lebuh raya, lebuh raya bertingkat, landasan kereta api (termasuk terowong kereta api) <i>Construction of roads, bridges, tunnels, viaducts highways, elevated highway, railways (including railway tunnels)</i>	17,523,532	15,272,096	2,251,436	8,043,454	1,517,868	7,228,642	733,568
Pembinaan empangan, sistem pengairan, sistem saluran dan pembentungan, saluran paip dsb <i>Construction of dams, irrigation system, drainage and sewage system, pipelines etc</i>	9,008,004	8,492,079	515,925	2,741,529	371,068	5,750,550	144,857
Komunikasi dan talian kuasa <i>Communication and power lines</i>	7,129,140	6,923,991	205,150	1,811,673	92,971	5,112,318	112,179
Kemudahan sukan termasuk stadium, padang golf, dsb. <i>Sports facilities including stadium, golf course, etc.</i>	13,516,320	262,618	17,610	100,479	9,603	162,139	8,007
Kerja kejuruteraan awam lain <i>Other civil engineering work</i>	280,228	12,446,193	1,070,127	2,295,177	207,044	10,151,016	863,083
Pertukangan khas/ Special trades	37,677,936	34,093,544	3,584,392	2,991,925	841,674	31,101,619	2,742,718

Jadual
Table **10**

Bilangan pekerja dan gaji & upah dalam sektor pembinaan mengikut kategori pekerja, 2015
Number of persons engaged and salaries & wages in construction sector by category of workers, 2015

Kategori pekerja <i>Category of workers</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>			Gaji & upah yang dibayar <i>Salaries & wages paid</i>
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	(RM'000)
Jumlah (A+B+C) / Total (A+B+C)	1,290,474	1,192,576	97,898	32,899,322
A. Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji <i>Total working proprietors and unpaid family workers</i>	22,167	19,457	2,710	..
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietors and active business partners</i>	20,698	18,477	2,221	..
Pekerja keluarga tidak bergaji (semua ahli keluarga yang tidak menerima upah yang tetap) <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i>	1,469	980	489	..
B. Jumlah pekerja bergaji (sepenuh masa) / Total paid employees (full-time)	1,261,987	1,167,194	94,793	32,837,515
Pengurusan / Manager	46,142	37,875	8,267	4,059,561
Profesional / Professional	22,933	16,503	6,430	1,420,796
Penyelidik / Reseacher	1,375	903	472	72,223
Juruteknik dan Profesional Bersekutu <i>Technicians and Associate Professional</i>	54,508	48,584	5,924	2,282,680
Pekerja Sokongan Perkeranian / Clerical Support Workers	60,223	9,751	50,472	1,268,176
Pekerja Perkhidmatan dan Jualan / Service and Sales Worker	7,788	4,713	3,075	218,699
Pekerja kemahiran dan Pekerja Pertukangan Khas yang berkaitan <i>Craft and Related Trades Workers</i>				
Pekerja Binaan Diambil Secara Langsung <i>Construction workers directly employed</i>				
(i) Mahir / Skilled	371,886	368,155	3,731	8,834,208
(ii) Separuh mahir / Semi skilled	263,371	260,372	2,999	5,259,668
Pekerja binaan diambil bekerja melalui kontraktor buruh <i>Construction workers employed through labour contractor</i>				
(i) Mahir / Skilled	175,499	174,373	1,126	4,294,192
(ii) Separuh mahir / Semi skilled	197,681	195,493	2,188	3,988,054
Operator Mesin dan Loji, dan Pemasang <i>Plant and Machine operators and Assemblers</i>	14,464	14,054	410	330,176
Pekerja Asas / Elementary Occupations	46,117	36,418	9,699	809,082
C. Jumlah pekerja bergaji (sambilan) / Total employees (part-time)	6,320	5,925	395	61,807

Jadual 10.1
Table

Bilangan pekerja dan gaji & upah dalam subsektor bangunan kediaman mengikut kategori pekerja, 2015
Number of persons engaged and salaries & wages in the residential buildings sub-sector by category of workers, 2015

Kategori pekerja <i>Category of workers</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>			Gaji & upah yang dibayar <i>Salaries & wages paid</i>
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	(RM'000)
Jumlah (A+B+C) / Total (A+B+C)	329,088	305,650	23,438	8,544,051
A. Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji <i>Total working proprietors and unpaid family workers</i>	4,607	4,074	533	..
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietors and active business partners</i>	4,303	3,864	439	..
Pekerja keluarga tidak bergaji (semua ahli keluarga yang tidak menerima upah yang tetap) <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i>	304	210	94	..
B. Jumlah pekerja bergaji (sepenuh masa) / Total paid employees (full-time)	322,545	299,727	22,818	8,526,267
Pengurusan / Manager	10,366	8,308	2,058	967,673
Profesional / Professional	5,335	4,009	1,326	327,020
Penyelidik / Researcher	206	123	83	9,679
Juruteknik dan Profesional Bersekutu <i>Technicians and Associate Professional</i>	11,989	10,401	1,588	529,540
Pekerja Sokongan Perkeranian / Clerical Support Workers	14,025	2,286	11,739	298,738
Pekerja Perkhidmatan dan Jualan / Service and Sales Worker	1,553	850	703	45,833
Pekerja kemahiran dan Pekerja Pertukangan Khas yang berkaitan <i>Craft and Related Trades Workers</i>				
Pekerja Binaan Diambil Secara Langsung <i>Construction workers directly employed</i>				
(i) Mahir / Skilled	87,906	86,810	1,096	2,119,331
(ii) Separuh mahir / Semi skilled	66,452	65,262	1,190	1,369,079
Pekerja binaan diambil bekerja melalui kontraktor buruh <i>Construction workers employed through labour contractor</i>				
(i) Mahir / Skilled	52,198	51,873	325	1,349,651
(ii) Separuh mahir / Semi skilled	59,511	58,899	612	1,264,923
Operator Mesin dan Loji, dan Pemasang <i>Plant and Machine operators and Assemblers</i>	2,232	2,206	26	49,240
Pekerja Asas / Elementary Occupations	10,772	8,700	2,072	195,560
C. Jumlah pekerja bergaji (sambilan) / Total employees (part-time)	1,936	1,849	87	17,784

Jadual 10.2
Table

Bilangan pekerja dan gaji & upah dalam subsektor bangunan bukan kediaman mengikut kategori pekerja, 2015
Number of persons engaged and salaries & wages in the non-residential buildings sub-sector by category of workers, 2015

Kategori pekerja Category of workers	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir Total number of persons engaged during December or the last pay period			Gaji & upah yang dibayar Salaries & wages paid
	Jumlah Total	Lelaki Male	Perempuan Female	(RM'000)
Jumlah (A+B+C) / Total (A+B+C)	325,473	302,424	23,049	8,280,554
A. Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji <i>Total working proprietors and unpaid family workers</i>	3,269	2,840	429	..
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietors and active business partners</i>	3,050	2,695	355	..
Pekerja keluarga tidak bergaji (semua ahli keluarga yang tidak menerima upah yang tetap) <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i>	219	145	74	..
B. Jumlah pekerja bergaji (sepenuh masa)/Total paid employees (full-time)	321,291	298,743	22,548	8,271,204
Pengurusan/ Manager	10,516	8,595	1,921	920,484
Profesional/ Professional	5,541	3,983	1,558	336,103
Penyelidik/ Researcher	397	248	149	24,262
Juruteknik dan Profesional Bersekutu <i>Technicians and Associate Professional</i>	11,460	10,242	1,218	503,914
Pekerja Sokongan Perkeranian/ Clerical Support Workers	13,852	2,391	11,461	287,168
Pekerja Perkhidmatan dan Jualan/ Service and Sales Worker	1,717	985	732	47,308
Pekerja kemahiran dan Pekerja Pertukangan Khas yang berkaitan <i>Craft and Related Trades Workers</i>				
Pekerja Binaan Diambil Secara Langsung <i>Construction workers directly employed</i>				
(i) Mahir/ Skilled	91,434	90,342	1,092	2,206,330
(ii) Separuh mahir/ Semi skilled	70,807	70,017	790	1,443,586
Pekerja binaan diambil bekerja melalui kontraktor buruh <i>Construction workers employed through labour contractor</i>				
(i) Mahir/ Skilled	40,998	40,592	406	995,900
(ii) Separuh mahir/ Semi skilled	59,312	58,512	800	1,221,504
Operator Mesin dan Loji, dan Pemasang <i>Plant and Machine operators and Assemblers</i>	3,469	3,342	127	79,700
Pekerja Asas/ Elementary Occupations	11,788	9,494	2,294	204,944
C. Jumlah pekerja bergaji (sambilan)/ Total employees (part-time)	913	841	72	9,350

Jadual
Table **10.3**

Bilangan pekerja dan gaji & upah dalam subsektor kejuruteraan awam mengikut kategori pekerja, 2015
Number of persons engaged and salaries & wages in the civil engineering sub-sector by category of workers, 2015

Kategori pekerja <i>Category of workers</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>			Gaji & upah yang dibayar <i>Salaries & wages paid</i> (RM'000)
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	
Jumlah (A+B+C) / Total (A+B+C)	325,741	302,254	23,487	8,532,238
A. Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji <i>Total working proprietors and unpaid family workers</i>	6,167	5,260	907	..
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietors and active business partners</i>	5,802	5,020	782	..
Pekerja keluarga tidak bergaji (semua ahli keluarga yang tidak menerima upah yang tetap) <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i>	365	240	125	..
B. Jumlah pekerja bergaji (sepenuh masa) / Total paid employees (full-time)	317,684	295,193	22,491	8,513,539
Pengurusan / Manager	10,580	8,477	2,103	1,076,431
Profesional / Professional	7,037	4,743	2,294	490,839
Penyelidik / Researcher	242	152	90	14,229
Juruteknik dan Profesional Bersekutu <i>Technicians and Associate Professional</i>	16,590	14,452	2,138	703,540
Pekerja Sokongan Perkeranian / Clerical Support Workers	13,977	2,463	11,514	307,215
Pekerja Perkhidmatan dan Jualan / Service and Sales Worker	1,661	1,057	604	46,977
Pekerja kemahiran dan Pekerja Pertukangan Khas yang berkaitan <i>Craft and Related Trades Workers</i>				
Pekerja Binaan Diambil Secara Langsung <i>Construction workers directly employed</i>				
(i) Mahir / Skilled	92,311	91,513	798	2,223,903
(ii) Separuh mahir / Semi skilled	61,193	60,829	364	1,186,373
Pekerja binaan diambil bekerja melalui kontraktor buruh <i>Construction workers employed through labour contractor</i>				
(i) Mahir / Skilled	51,745	51,643	102	1,288,075
(ii) Separuh mahir / Semi skilled	46,324	45,851	473	875,592
Operator Mesin dan Loji, dan Pemasang <i>Plant and Machine operators and Assemblers</i>	5,095	5,012	83	111,429
Pekerja Asas / Elementary Occupations	10,929	9,001	1,928	188,935
C. Jumlah pekerja bergaji (sambilan) / Total employees (part-time)	1,890	1,801	89	18,699

Jadual **10.4**
Table

Bilangan pekerja dan gaji & upah dalam subsektor pertukangan khas mengikut kategori pekerja, 2015
Number of persons engaged and salaries & wages in the special trades sub-sector by category of workers, 2015

Kategori pekerja <i>Category of workers</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>			Gaji & upah yang dibayar <i>Salaries & wages paid</i>
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	(RM'000)
Jumlah (A+B+C) / Total (A+B+C)	310,172	282,248	27,924	7,542,479
A. Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji <i>Total working proprietors and unpaid family workers</i>	8,124	7,283	841	..
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietors and active business partners</i>	7,543	6,898	645	..
Pekerja keluarga tidak bergaji (semua ahli keluarga yang tidak menerima upah yang tetap) <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i>	581	385	196	..
B. Jumlah pekerja bergaji (sepenuh masa) / Total paid employees (full-time)	300,467	273,531	26,936	7,526,505
Pengurusan / Manager	14,680	12,495	2,185	1,094,973
Profesional / Professional	5,020	3,768	1,252	266,834
Penyelidik / Reseacher	530	380	150	24,053
Juruteknik dan Profesional Bersekutu <i>Technicians and Associate Professional</i>	14,469	13,489	980	545,686
Pekerja Sokongan Perkeranian / Clerical Support Workers	18,369	2,611	15,758	375,055
Pekerja Perkhidmatan dan Jualan / Service and Sales Worker	2,857	1,821	1,036	78,581
Pekerja kemahiran dan Pekerja Pertukangan Khas yang berkaitan <i>Craft and Related Trades Workers</i>				
Pekerja Binaan Diambil Secara Langsung <i>Construction workers directly employed</i>				
(i) Mahir / Skilled	100,235	99,490	745	2,284,644
(ii) Separuh mahir / Semi skilled	64,919	64,264	655	1,260,631
Pekerja binaan diambil bekerja melalui kontraktor buruh <i>Construction workers employed through labour contractor</i>				
(i) Mahir / Skilled	30,558	30,265	293	660,566
(ii) Separuh mahir / Semi skilled	32,534	32,231	303	626,035
Operator Mesin dan Loji, dan Pemasang <i>Plant and Machine operators and Assemblers</i>	3,668	3,494	174	89,806
Pekerja Asas / Elementary Occupations	12,628	9,223	3,405	219,643
C. Jumlah pekerja bergaji (sambilan) / Total employees (part-time)	1,581	1,434	147	15,974

Kelulusan Qualification	Pembinaan Construction		
	Jumlah Total	Lelaki Male	Perempuan Female
Jumlah/ Total	1,290,474	1,192,575	97,899
Pascasiswazah <i>Postgraduate</i>	3,564	2,772	792
Ijazah sarjana muda/ Diploma lanjutan atau setaraf <i>Bachelor/ Advances diploma or equivalent</i>	65,217	51,068	14,149
Diploma <i>Diploma</i>	97,660	74,647	23,013
STPM atau yang setaraf <i>STPM or equivalent</i>	49,398	36,511	12,887
Sijil <i>Certificate</i>	174,070	168,264	5,806
SPM/ SPM(V) atau yang setaraf <i>SPM/ SPM(V) or equivalent</i>	371,383	340,739	30,644
Di bawah taraf kelulusan SPM/ SPM(V) <i>Below SPM/ SPM(V) qualification</i>	529,182	518,574	10,608

Jadual
Table **12**

Bilangan pekerja dan gaji & upah yang dibayar mengikut kewarganegaraan dan jantina, 2015
Number of persons engaged and salaries & wages by citizenship and sex, 2015

Subsektor <i>Sub-sector</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji terakhir <i>Total number of person December or the last pay period</i>					Gaji & upah yang dibayar <i>Salaries & wages paid</i>
	Jumlah <i>Total</i>	Lelaki <i>Male</i>		Perempuan <i>Female</i>		
		Warganegara <i>Citizen</i>	Bukan Warganegara <i>Non-Citizen</i>	Warganegara <i>Citizen</i>	Bukan Warganegara <i>Non-Citizen</i>	
Jumlah/ Total	1,290,474	737,961	454,615	89,898	8,000	32,899,322
Bangunan kediaman <i>Residential buildings</i>	329,088	171,251	134,399	21,121	2,317	8,544,051
Bangunan bukan kediaman <i>Non-residential buildings</i>	325,473	173,554	128,870	20,739	2,310	8,280,554
Kejuruteraan awam <i>Civil engineering</i>	325,741	192,507	109,747	22,080	1,407	8,532,238
Pertukangan khas <i>Special trades</i>	310,172	200,649	81,599	25,958	1,966	7,542,479

Jadual
Table **13**

Bilangan pekerja dan gaji & upah yang dibayar mengikut kemahiran dan jantina, 2015
Number of persons engaged and salaries & wages by skill and sex, 2015

Kategori kemahiran <i>Skill category</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Gaji & Upah <i>Salary & Wages</i>
				(RM '000)
*Jumlah/ Total	1,261,987	1,167,194	94,793	32,837,515
Pekerja mahir <i>High-Skilled workers</i>	124,958	103,865	21,093	7,835,260
Pekerja separuh mahir <i>Semi-skilled workers</i>	1,090,912	1,026,911	64,001	24,193,173
Pekerja kurang mahir <i>Low-skilled workers</i>	46,117	36,418	9,699	809,082

Nota/Note:

* Tidak termasuk pemilik yang bekerja dan rakan niaga yang aktif, pekerja keluarga tidak bergaji dan pekerja bergaji (sambilan)
Excludes working proprietors and active business partners, unpaid family workers and paid employees (part-time)

Jadual
Table **14**

Bilangan pekerja dan gaji & upah yang dibayar mengikut kemahiran dan subsektor pembinaan, 2015
Number of persons engaged and salaries & wages by skill and construction sub-sectors, 2015

Subsektor <i>Sub-sectors</i>	Bilangan pekerja <i>Number of persons engaged</i>	Mahir <i>High-skilled</i>	Separuh mahir <i>Semi-skilled</i>	Kurang mahir <i>Low-skilled</i>	Gaji & Upah <i>Salary & Wages</i>
					(RM '000)
*Jumlah/ Total	1,261,987	124,958	1,090,912	46,117	32,837,515
Bangunan kediaman <i>Residential buildings</i>	322,545	27,896	283,877	10,772	8,526,267
Bangunan bukan kediaman <i>Non-residential buildings</i>	321,291	27,914	281,589	11,788	8,271,204
Kejuruteraan awam <i>Civil engineering</i>	317,684	34,449	272,306	10,929	8,513,539
Pertukangan khas <i>Special trades</i>	300,467	34,699	253,140	12,628	7,526,505

Nota/Note:

* Tidak termasuk pemilik yang bekerja dan rakan niaga yang aktif, pekerja keluarga tidak bergaji dan pekerja bergaji (sambilan)
Excludes working proprietors and active business partners, unpaid family workers and paid employees (part-time)

Jadual
Table **15**

Bilangan pekerja dan gaji & upah yang dibayar mengikut kemahiran dan negeri lokasi projek, 2015
Number of persons engaged and salaries & wages by skill and state of project location, 2015

Negeri lokasi projek <i>State of project location</i>	Bilangan pekerja <i>Number of persons engaged</i>	Mahir <i>High-skilled</i>	Sepuluh mahir <i>Semi-skilled</i>	Kurang mahir <i>Low-skilled</i>	Gaji & Upah <i>Salary & Wages</i>
					(RM '000)
*Jumlah/Total	1,261,987	124,958	1,090,912	46,117	32,837,515
Johor	236,309	25,020	200,337	10,952	5,938,666
Kedah	25,556	2,311	22,617	628	603,174
Kelantan	16,063	1,403	14,233	427	433,267
Melaka	20,119	3,430	15,714	975	473,775
Negeri Sembilan	45,812	3,641	41,065	1,106	1,021,055
Pahang	57,649	4,736	51,725	1,188	1,592,772
Perak	64,162	6,103	56,663	1,396	1,636,047
Perlis	5,420	375	4,950	95	82,517
Pulau Pinang	69,459	7,804	58,466	3,189	1,940,509
Sabah	62,310	5,076	54,157	3,077	1,347,086
Sarawak	87,237	7,232	76,144	3,861	2,370,642
Selangor	314,545	29,746	273,548	11,251	8,599,773
Terengganu	33,715	3,660	29,525	530	953,692
W.P. Kuala Lumpur	205,781	22,697	176,175	6,909	5,329,065
W.P. Labuan	2,717	435	2,157	125	63,297
W.P. Putrajaya	15,133	1,289	13,436	408	452,178

Nota/Note:

* Tidak termasuk pemilik yang bekerja dan rakan niaga yang aktif, pekerja keluarga tidak bergaji dan pekerja bergaji (sambilan)
Excludes working proprietors and active business partners, unpaid family workers and paid employees (part-time)

Jadual
Table **16**

Nilai harta tetap mengikut jenis harta, 2015
Value of fixed assets by type of assets, 2015

(RM '000)

Jenis harta tetap <i>Type of fixed assets</i>	Nilai buku bersih pada 01.01.2015 <i>Net book value as at 01.01.2015</i>	Perbelanjaan modal dalam tahun 2015 <i>Capital expenditure during 2015</i>	Harta tetap yang dijual atau dilupuskan dalam tahun 2015 <i>Fixed assets sold or disposed off during 2015</i>	Susut nilai tahun semasa <i>Current year depreciation</i>	Nilai buku bersih pada 31.12.2015 <i>Net book value as at 31.12.2015</i>	Sewa yang dibayar dalam tahun 2015 <i>Rent paid during 2015</i>
Jumlah/Total	22,667,783	5,518,977	428,879	2,757,064	25,105,605	1,810,858
Tanah/ Land	2,591,279	633,473	11,940	38,835	3,173,640	54,385
Bangunan dan pembinaan lain: <i>Buildings and other construction:</i>						
Tempat kediaman/ Residential	752,261	175,940	6,140	23,285	898,925	42,113
Bukan tempat kediaman/ Non-residential	4,211,529	949,740	12,277	154,728	4,994,545	679,409
Pembinaan lain kecuali pembangunan tanah <i>Other construction except land improvement</i>	303,904	82,396	10,293	41,416	334,385	37,332
Pembangunan tanah/ Land improvement	77,673	11,291	30,373	5,100	53,491	-
Alat pengangkutan/ Transport equipment:						
Kereta penumpang/ Passenger cars	887,593	242,019	15,826	206,953	909,341	7,347
Kenderaan perdagangan/ Commercial vehicles	3,560,633	826,013	31,463	682,718	3,675,714	102,715
Lain-lain/ Others	170,501	38,554	19,205	24,515	165,628	35,461
Komputer/ Computers:						
Perkakasan komputer/ Computer hardware	922,551	187,015	1,015	127,745	980,930	5,773
Perisian komputer/ Computer software	491,217	106,945	119	51,462	546,578	324
Peralatan Telekomunikasi/ Telecommunication equipment	149,624	31,502	411	21,309	159,407	5,843
Jentera dan kelengkapan/ Machinery and equipment	5,746,446	1,445,377	78,130	1,117,083	5,999,141	806,065
Perabot dan pemasangan/ Furniture and fittings	1,388,551	295,517	11,347	219,738	1,452,631	31,541
Harta lain/ Other assets:						
Kerja modal dalam pelaksanaan/ Capital work in progress	1,036,041	410,582	192,435	-	1,254,195	-
Lain-lain/ Others	377,980	82,612	7,905	42,177	507,055	2,550

Jadual
Table 17

Jumlah kos bahan binaan yang digunakan mengikut subsektor dan jenis bahan, 2015
Total cost of building materials used by sub-sector and type of materials, 2015

(RM '000)

Jenis bahan digunakan Type of materials used	Subsektor / Sub-sector									
	Jumlah Total	%	Kediaman Residential	%	Bukan kediaman Non-residential	%	Kejuruteraan awam Civil engineering	%	Pertukangan khas Special trades	%
Jumlah/Total	97,125,044		25,068,973		25,740,141		26,398,357		19,917,573	
Bahan besi dan keluli/ Iron and steel materials:	23,626,552	24.3	6,304,014	25.1	7,572,964	29.4	7,550,198	28.6	2,199,375	11.0
Besil/ keluli tetulang Reinforcement iron/ steel	11,415,409	48.3	3,804,218	60.3	4,666,498	61.6	2,372,484	31.4	572,210	26.0
Kepingan besi disadur Galvanised iron sheets	1,401,275	5.9	347,740	5.5	434,961	5.7	450,275	6.0	168,298	7.7
Paip dan tiub daripada besi tuang Cast iron pipes and tubes	4,062,253	17.2	253,147	4.0	296,956	3.9	3,085,056	40.9	427,094	19.4
Pintu, bingkai tingkap, pintu pagar, kisi-kisi, dsb. daripada logam dsb. Metal doors, window frames, gates and grilles, etc.	1,273,458	5.4	452,802	7.2	471,175	6.2	127,524	1.7	221,958	10.1
Bahan pagar dan jaring daripada kawat, besi dan keluli Fencing and netting materials of wire, iron and steel	803,803	3.4	303,600	4.8	215,908	2.9	205,818	2.7	78,477	3.6
Paku, bot, nat, dan barangan besi lain Nails, bolts, nuts and other hardware	1,990,864	8.4	533,977	8.5	614,724	8.1	490,864	6.5	351,299	16.0
Bahan-bahan besi dan keluli lain Other iron and steel materials	2,679,489	11.3	608,530	9.7	872,743	11.5	818,177	10.8	380,039	17.3
Simen dan bahan konkrit: Cement and concrete materials:	21,887,112	22.5	7,513,578	30.0	7,120,790	27.7	5,563,282	21.1	1,689,461	8.5
Simen (OPC)/ Cement (OPC)	9,667,657	44.2	3,749,184	49.9	3,384,442	47.5	1,776,674	31.9	757,356	44.8
Pasir/ Sand	5,142,328	23.5	1,822,930	24.3	1,668,287	23.4	1,214,108	21.8	437,002	25.9
Agregat (batu baur)/ Aggregate	1,235,415	5.6	238,821	3.2	288,076	4.0	615,371	11.1	93,148	5.5
Konkrit siap bancuh/ Ready-mix concrete	3,786,141	17.3	1,430,751	19.0	1,360,184	19.1	822,961	14.8	172,244	10.2
Bahan-bahan simen dan konkrit lain Other cement and concrete materials	2,055,571	9.4	271,892	3.6	419,802	5.9	1,134,166	20.4	229,712	13.6

Jadual
Table **17**

Jumlah kos bahan binaan yang digunakan mengikut subsektor dan jenis bahan, 2015 (samb.)
Total cost of building materials used by sub-sector and type of materials, 2015 (cont'd)

(RM '000)

Jenis bahan digunakan <i>Type of materials used</i>	Subsektor / Sub-sector									
	Jumlah <i>Total</i>	%	Kediaman <i>Residential</i>	%	Bukan kediaman <i>Non-residential</i>	%	Kejuruteraan awam <i>Civil engineering</i>	%	Pertukangan khas <i>Special trades</i>	%
Bahan-bahan batu bata: <i>Brickwork materials:</i>	6,555,406	6.7	2,581,513	10.3	2,567,274	10.0	987,033	3.7	419,587	2.1
Batu bata tanah liat <i>Common clay brick</i>	3,833,009	58.5	1,448,496	56.1	1,662,344	64.8	541,571	54.9	180,598	43.0
Batu bata pasir <i>Common sand brick</i>	1,702,605	26.0	863,852	33.5	520,320	20.3	198,889	20.2	119,544	28.5
Blok konkrit berlubang pra tuang <i>Precast concrete vent blocks</i>	212,146	3.2	65,488	2.5	78,219	3.0	55,849	5.7	12,590	3.0
Blok berlubang bertetulang <i>Autoclaved aerated blocks</i>	144,072	2.2	28,752	1.1	60,410	2.4	39,695	4.0	15,215	3.6
Blok berongga <i>Hollow blocks</i>	108,862	1.7	30,446	1.2	46,882	1.8	19,419	2.0	12,115	2.9
Bahan-bahan batu bata yang lain <i>Other brickwork materials</i>	554,712	8.5	144,480	5.6	199,098	7.8	131,609	13.3	79,525	19.0
Kayu dan keluaran kayu : <i>Timber and timber products:</i>	7,306,776	7.5	3,386,144	13.5	2,640,901	10.3	574,322	2.2	705,409	3.5
Kayu gergaji <i>Sawn timber</i>	3,763,823	51.5	1,765,122	52.1	1,457,036	55.2	321,511	56.0	220,155	31.2
Papan lapis <i>Plywood</i>	1,771,240	24.2	892,006	26.3	638,870	24.2	80,831	14.1	159,533	22.6
Papan plaster gypsum <i>Gypsum plaster boards</i>	264,529	3.6	85,420	2.5	63,974	2.4	7,182	1.3	107,953	15.3
Rangka pintu kayu dan bingkai tingkap <i>Timber doors and window frames</i>	758,340	10.4	379,695	11.2	272,025	10.3	17,615	3.1	89,005	12.6
Bahan kayu yang lain <i>Other timber materials</i>	748,844	10.2	263,901	7.8	208,996	7.9	147,183	25.6	128,764	18.3

Jadual
Table 17

Jumlah kos bahan binaan yang digunakan mengikut subsektor dan jenis bahan, 2015 (samb.)
Total cost of building materials used by sub-sector and type of materials, 2015 (cont'd)

(RM '000)

Jenis bahan digunakan Type of materials used	Subsektor / Sub-sector									
	Jumlah Total	%	Kediaman Residential	%	Bukan kediaman Non-residential	%	Kejuruteraan awam Civil engineering	%	Pertukangan khas Special trades	%
Bahan-bahan bumbung/ Roofing materials:	2,878,521	3.0	1,230,816	4.9	1,185,271	4.6	257,392	1.0	205,042	1.0
Jubin bumbung tanah liat/ Clay roof tiles	1,666,676	57.9	729,925	59.3	726,250	61.3	140,500	54.6	70,002	34.1
Jubin bumbung konkrit/ Concrete roof tiles	242,180	8.4	111,456	9.1	85,329	7.2	18,067	7.0	27,329	13.3
Jubin bumbung logam/ Metal roof tiles	248,974	8.6	62,953	5.1	97,424	8.2	61,878	24.0	26,719	13.0
Kepingan bumbung logam/ Metal profiled roof sheet	182,758	6.3	54,695	4.4	101,262	8.5	8,659	3.4	18,142	8.8
Bahan bumbung lain/ Other roofing materials	537,932	18.7	271,787	22.1	175,007	14.8	28,288	11.0	62,851	30.7
Jubin/ Tiles:	3,019,672	3.1	1,012,003	4.0	1,047,605	4.1	234,220	0.9	725,844	3.6
Jubin lantai/ Floor tiles	2,144,278	71.0	772,036	76.3	764,828	73.0	138,303	59.0	469,111	64.6
Jubin dinding/ Wall tiles	417,787	13.8	126,409	12.5	160,097	15.3	18,906	8.1	112,376	15.5
Batu penyudah/ Stone finishes:										
Granit hitam/ Black granite	71,763	2.4	2,960	0.3	4,772	0.5	48,593	20.7	15,437	2.1
Marmar hitam/ Black marble	21,133	0.7	1,105	0.1	1,135	0.1	4,329	1.8	14,564	2.0
Marmar putih/ White marble	28,822	1.0	4,015	0.4	5,255	0.5	862	0.4	18,690	2.6
Bahan-bahan jubin lain/ Other tiles	335,890	11.1	105,477	10.4	111,519	10.6	23,227	9.9	95,666	13.2
Bahan mekanikal dan elektrik: Mechanical and electrical materials:	12,464,229	12.8	466,691	1.9	648,939	2.5	3,112,280	11.8	8,236,319	41.4
Loji penyamanan udara/ Air-conditioning plants	939,740	7.5	22,162	4.7	141,012	21.7	55,129	1.8	721,437	8.8
Loji pendinginan/ Refrigeration plants	536,048	4.3	1,828	0.4	2,537	0.4	338,565	10.9	193,118	2.3
Alat pemanas/ Heating equipment	130,375	1.0	2,678	0.6	1,344	0.2	38,915	1.3	87,438	1.1
Lif, eskalator dan travelator Lifts, escalators and travellators	466,014	3.7	5,019	1.1	25,615	3.9	43,506	1.4	391,874	4.8
Jentera lain/ Other machinery	2,752,634	22.1	37,653	8.1	78,715	12.1	867,541	27.9	1,768,726	21.5
Alat kelengkapan dan aksesori elektrik Electrical fittings and accessories	5,639,332	45.2	353,075	75.7	356,098	54.9	1,096,674	35.2	3,833,484	46.5
Bahan-bahan mekanikal & elektrik lain Other mechanical & electrical materials	2,000,086	16.0	44,275	9.5	43,618	6.7	671,951	21.6	1,240,242	15.1

Jadual
Table 17

Jumlah kos bahan binaan yang digunakan mengikut subsektor dan jenis bahan, 2015 (samb.)
Total cost of building materials used by sub-sector and type of materials, 2015 (cont'd)

(RM '000)

Jenis bahan digunakan Type of materials used	Subsektor/ Sub-sector									
	Jumlah Total	%	Kediaman Residential	%	Bukan kediaman Non-residential	%	Kejuruteraan awam Civil	%	Pertukangan khas Special trades	%
Bahan-bahan IBSI IBS building materials :	2,352,309	2.4	632,888	2.5	811,468	3.2	840,634	3.2	67,319	0.3
Sistem kerangka, panel dan kekotak konkrit pratuang (Tiang, rasuk, lantai pratuang, komponen 3D, contohnya balkoni, tangga, tandas, lif) <i>Pre-cast concrete framing, panel, and box system (pre-cast columns, beams, slabs, 3D components e.g. balconies, staircases, toilet, lifts)</i>	852,348	36.2	283,149	44.7	420,577	51.8	133,199	15.8	15,423	22.9
Sistem kerangka keluli (Tiang dan rasuk keluli, kerangka portal, kerangka bumbung) <i>Steel framing system (Steel columns and beams, portal frames, roof trusses)</i>	823,936	35.0	174,695	27.6	237,985	29.3	393,578	46.8	17,678	26.3
Sistem acuan keluli {bentuk terowong, acuan rasuk dan tiang, acuan keluli tetap (pelantar logam)} <i>Steel formworks {tunnel forms, beams and columns, moulding forms, permanent steel formworks (metal deck)}</i>	237,719	10.1	29,388	4.6	18,393	2.3	180,622	21.5	9,317	13.8
Sistem kerangka kayu pra-siap (Tiang dan rasuk kayu pra-siap dan kerangka bumbung) <i>Prefabricated timber frames (Prefabricated timber, beams and columns)</i>	79,440	3.4	13,199	2.1	45,165	5.6	14,791	1.8	6,285	9.3
Sistem blok (interlocking concrete masonry units {CMU}, blok konkrit ringan) <i>Block work systems (interlocking concrete masonry units {CMU}, lightweight concrete blocks)</i>	204,564	8.7	35,829	5.7	45,248	5.6	116,189	13.8	7,298	10.8
Sistem inovatif House Modular Lain, dry wall-gypsum board, panel konkrit, panel sandwich, panel dinding bio-komposit, unit bilik mandi, panel duralite, cemboard dry wall <i>Other innovative system modular house, dry wall-gypsum board concrete panel, sandwich panel, bio-composite wall panel bathroom unit, duralite panel and cemboard dry wall</i>	154,302	6.6	96,629	15.3	44,101	5.4	2,255	0.3	11,318	16.8

Jenis bahan digunakan <i>Type of materials used</i>	Subsektor/ <i>Sub-sector</i>									
	Jumlah <i>Total</i>	%	Kediaman <i>Residential</i>	%	Bukan kediaman <i>Non-residential</i>	%	Kejuruteraan awam <i>Civil engineering</i>	%	Pertukangan khas <i>Special trades</i>	%
Bahan-bahan binaan lain/ <i>Other building materials:</i>	17,034,467	17.5	1,941,325	7.7	2,144,928	8.3	7,278,997	27.6	5,669,216	28.5
Pintu, pintu pagar, dsb. daripada aluminium <i>Aluminum doors, gates, etc.</i>	593,206	3.5	142,313	7.3	206,924	9.6	42,441	0.6	201,528	3.6
Kajang, bidai, dsb. daripada aluminium <i>Aluminum awnings, venetian blinds, etc.</i>	90,522	0.5	10,714	0.6	19,537	0.9	9,032	0.1	51,239	0.9
Bahan lain daripada aluminium, loyang, tembaga, dsb. <i>Other materials of aluminum, brass, copper, etc.</i>	465,920	2.7	61,721	3.2	80,602	3.8	114,546	1.6	209,051	3.7
Bahan kaca/ <i>Glass materials</i>	727,790	4.3	173,764	9.0	212,946	9.9	32,314	0.4	308,766	5.4
Papan dinding, papan lembut, papan serpih, dsb. <i>Wallboards, soft boards, particle boards, etc.</i>	164,503	1.0	23,669	1.2	28,656	1.3	16,809	0.2	95,369	1.7
Paip PVC dan alat kelengkapan kebersihan <i>PVC pipes and sanitary fittings</i>	2,307,951	13.5	396,035	20.4	365,181	17.0	711,757	9.8	834,977	14.7
Bahan penebat/ <i>Insulating materials</i>	586,104	3.4	31,643	1.6	45,499	2.1	139,915	1.9	369,047	6.5
Alat pemadam kebakaran/ <i>Fire fighting equipment</i>	273,204	1.6	12,001	0.6	31,363	1.5	19,577	0.3	210,264	3.7
Kabel/ <i>Cables</i>	1,694,782	9.9	35,006	1.8	33,265	1.6	879,982	12.1	746,528	13.2
Bahan-bahan mengecat/ <i>Painting materials</i>	2,073,530	12.2	485,907	25.0	467,812	21.8	255,308	3.5	864,502	15.2
Bahan-bahan cerucuk termasuk besi, konkrit dan kayu <i>Pile materials including steel, concrete and timber</i>	2,950,982	17.3	369,855	19.1	412,379	19.2	860,618	11.8	1,308,131	23.1
Bitumen, tar dan asfalt (premix) <i>Bitumen, tar and asphalt (premix)</i>	4,006,750	23.5	125,088	6.4	104,945	4.9	3,749,310	51.5	27,407	0.5
Bahan lain/ <i>Other materials</i>	1,099,222	6.5	73,608	3.8	135,819	6.3	447,388	6.1	442,408	7.8

Jadual
Table **18.1**

Perangkaan utama pertubuhan milikan wanita dalam sektor pembinaan mengikut subsektor, 2015
Principal statistics of women-owned establishments in construction sector by sub-sector, 2015

Subsektor <i>Sub-sector</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
		(RM'000)	(RM'000)	(RM'000)		(RM'000)	(RM'000)
Jumlah/Total	2,622	6,814,189	4,361,233	2,452,956	56,709	1,316,228	850,109
Bangunan kediaman <i>Residential buildings</i>	556	2,238,146	1,444,619	793,527	18,034	442,540	232,395
Bangunan bukan kediaman <i>Non-residential buildings</i>	481	1,213,996	804,093	409,903	10,473	230,683	135,640
Kejuruteraan awam <i>Civil engineering</i>	829	2,034,219	1,265,250	768,968	16,796	377,858	254,160
Pertukangan khas <i>Special trade</i>	756	1,327,829	847,271	480,558	11,406	265,146	227,914

Jadual
Table **18.2**

Perangkaan utama pertumbuhan milikan wanita dalam sektor pembinaan mengikut negeri lokasi projek, 2015
Principal statistics of women-owned establishments in construction sector by state of project location, 2015

Negeri lokasi projek <i>State of project location</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
		(RM'000)	(RM'000)	(RM'000)		(RM'000)	(RM'000)
Jumlah/Total	2,622	6,814,189	4,361,233	2,452,956	56,709	1,316,228	850,109
Johor	274	1,841,263	1,152,915	688,348	13,250	324,044	195,160
Kedah	105	155,870	104,362	51,508	1,452	28,288	23,579
Kelantan	33	32,529	20,392	12,136	326	5,318	12,175
Melaka	91	103,614	65,259	38,355	960	19,050	19,623
Negeri Sembilan	381	1,065,274	690,234	375,039	9,065	218,139	109,636
Pahang	203	547,247	351,305	195,942	4,399	110,113	55,203
Perak	174	186,604	119,361	67,243	2,143	40,148	22,190
Perlis	111	43,190	24,138	19,052	850	10,628	3,924
Pulau Pinang	153	314,887	205,828	109,059	2,502	64,415	40,335
Sabah	385	541,938	355,402	186,536	5,765	94,248	79,054
Sarawak	95	375,518	235,004	140,513	3,483	80,744	64,731
Selangor	360	1,124,500	731,533	392,967	8,244	222,600	149,795
Terengganu	79	133,496	80,336	53,160	1,131	26,289	26,783
W.P. Kuala Lumpur	130	298,881	192,797	106,084	2,635	62,689	37,334
W.P. Labuan	32	21,478	14,227	7,251	294	4,104	1,392
W.P. Putrajaya	16	27,902	18,138	9,763	210	5,411	9,194

Jadual
Table **18.3**

Perangkaan utama pertubuhan milikan wanita dalam sektor pembinaan mengikut taraf sah, 2015
Principle statistics of women-owned establishments in construction sector by legal status, 2015

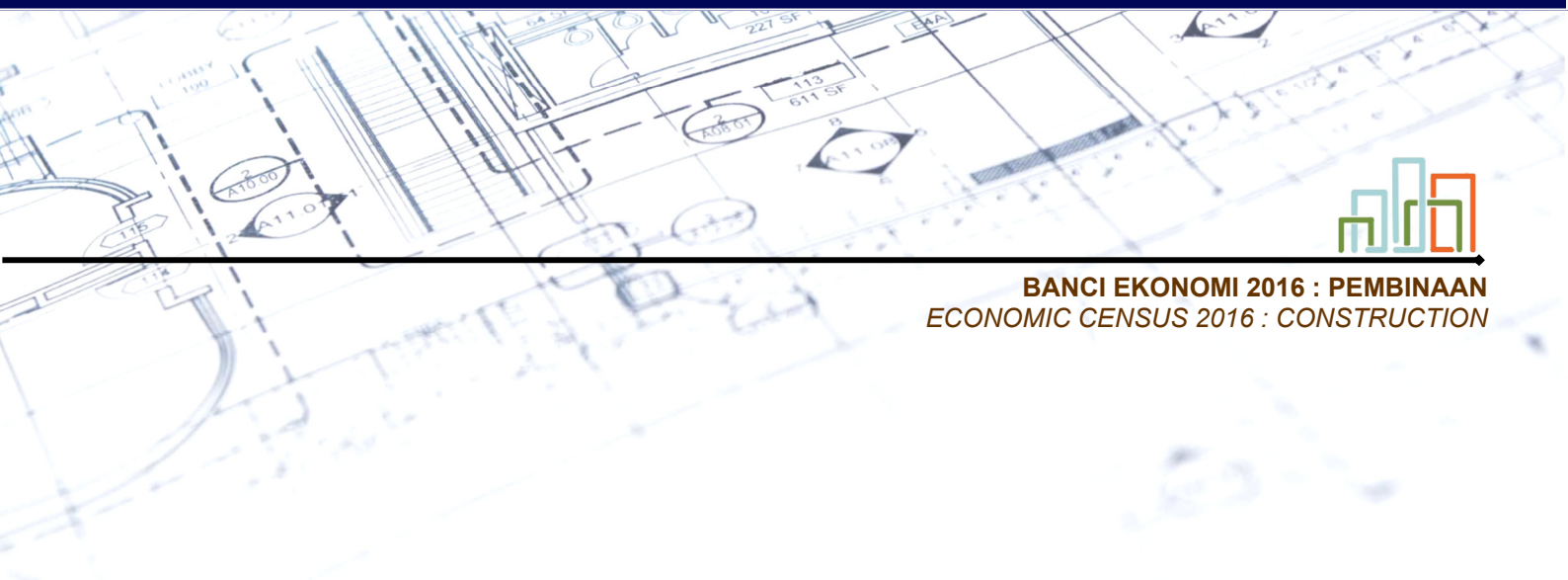
Taraf sah <i>Legal status</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
		(RM'000)	(RM'000)	(RM'000)		(RM'000)	(RM'000)
Jumlah/Total	2,622	6,814,189	4,361,233	2,452,956	56,709	1,316,228	850,109
Hak milik perseorangan <i>Individual proprietorship</i>	1,098	354,424	214,036	140,388	7,496	75,832	37,175
Perkongsian <i>Partnership</i>	529	382,808	243,780	139,028	5,295	72,527	36,170
Perkongsian liability terhad <i>Limited liabilities partnership</i>	995	6,076,957	3,903,417	2,173,540	43,918	1,167,869	776,764
Syarikat sendirian berhad <i>Private limited company</i>							

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**DATA SEKUNDER PUSAT MAKLUMAT
HARTA TANAH NEGARA**

***SECONDARY DATA NATIONAL PROPERTY
INFORMATION CENTRE (NAPIC)***



BANCI EKONOMI 2016 : PEMBINAAN
ECONOMIC CENSUS 2016 : CONSTRUCTION

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Jadual 1A: Projek yang diluluskan mengikut negeri bagi tempoh Januari - Disember 2015

Table 1A: Approved projects by state from January - December 2015

	Malaysia	W.P. Kuala Lumpur	W.P. Labuan	Selangor	Johor	Pulau Pinang	Negeri Sembilan	Perak	Melaka	Kedah	Pahang	Terengganu	Kelantan	Perlis	Sabah	Sarawak
Projek baru / New project																
• Bilangan / Number	384	2	0	140	73	59	17	21	11	19	13	7	5	0	6	11
• Cadangan guna tenaga Employment	37,233	115	0	9,031	7,266	5,757	1,503	3,045	1,365	1,621	790	4,531	539	0	397	1,273
• Pelaburan tempatan (RM Juta) Domestic investment (RM Million)	48,597.23	1.51	0	2,587.42	27,102.81	1,499.73	307.32	425.92	4,704.96	286.44	151.30	60.09	348.27	0	33.26	11088.2
• Pelaburan asing (RM Juta) Foreign investment (RM Million)	11,642.11	2.54	0	788.53	2,449.68	1,316.74	733.58	2,603.99	916.85	78.68	572.60	1,303.00	5.16	0	257.37	613.39
• Cadangan modal pelaburan (RM Juta) Total capital investment (RM Million)	60,239.36	4.05	0	3,375.96	29,552.49	2,816.47	1,040.91	3,029.91	5,621.80	365.12	723.91	1,363.09	353.43	0	290.63	11701.59
Pembesaran/Tambahan / Expansion/Addition																
• Bilangan / Number	296	0	1	82	64	48	18	11	17	30	4	4	1	1	4	11
• Cadangan guna tenaga Employment	29,261	0	7	5,108	4,476	12,968	627	687	1,930	2,449	144	27	21	6	107	704
• Pelaburan tempatan (RM Juta) Domestic investment (RM Million)	4,154.20	0	2.90	1,595.05	858.45	725.88	232.85	101.55	81.67	187.50	179.63	27.11	0.25	3.11	57.59	100.66
• Pelaburan asing (RM Juta) Foreign investment (RM Million)	10,299.53	0	0	2,992.79	691.38	3,181.99	435.68	755.91	1,155.53	803.94	257.75	9.90	0	0	0	14.66
• Cadangan modal pelaburan (RM Juta) Total capital investment (RM Million)	14,453.72	0	2.90	4,587.84	1,549.83	3,907.88	668.53	857.46	1,237.20	991.43	437.37	37.01	0.25	3.11	57.59	115.32
Jumlah / Total																
• Bilangan / Number	680	2	1	222	137	107	35	32	28	49	17	11	6	1	10	22
• Cadangan guna tenaga Employment	66,494	115	7	14,139	11,742	18,725	2,130	3,732.00	3,295	4,070	934	4,558	560	6	504	1,977
• Pelaburan tempatan (RM Juta) Domestic investment (RM Million)	52,751.44	1.51	2.90	4,182.48	27,961.26	2,225.61	540.17	527.47	4,786.63	473.94	330.93	87.20	348.52	3.11	90.86	11,188.85
• Pelaburan asing (RM Juta) Foreign investment (RM Million)	21,941.64	3	0	3,781.32	3,141.06	4,498.73	1,169.26	3,359.90	2,072.38	882.61	830.35	1,312.90	5.16	0	257.37	628.06
• Cadangan modal pelaburan (RM Juta) Total capital investment (RM Million)	74,693.08	4.05	2.90	7,963.80	31,102.32	6,724.35	1,709.43	3,887.37	6,859.01	1,356.55	1,161.28	1,400.10	353.68	3.11	348.22	11,816.91

Jadual 2A: Penawaran unit kediaman di Malaysia 2014 dan 2015
Table 2A: Supply of residential units in Malaysia 2014 and 2015

Negeri / State	Stok sedia ada / Existing stock			Penyiapan baru / Completion			Penawaran akan datang / Incoming supply			Mula / Starts			Penawaran dirancang / Planned supply			Transaksi* / Transactions*			% Perolehan ¹ / Turnover ¹	
	2014	2015	% Perubahan Change	2014	2015	% Perubahan Change	2014	2015	% Perubahan Change	2014	2015	% Perubahan Change	2014	2015	% Perubahan Change	2014	2015	% Perubahan Change	2014	2015
W.P. Kuala Lumpur	40,696	447,080	1.4	10,644	6,384	-40.0	49,521	65,042	31.3	14,182	21,854	54.1	48,573	72,171	48.6	14,837	13,626	-8.2	2.8	2.8
Selangor	1,386,601	1,400,651	1.0	21,004	14,050	-33.1	165,124	185,385	12.3	39,747	30,959	-22.1	93,298	89,479	-4.1	56,122	52,693	-6.1	3.4	3.1
W.P. Putrajaya	6,100	6,790	11.3	416	690	65.9	4,734	10,530	122.4	1,896	5,894	210.9	5,978	168	-97.2	583	274	-53.0	3.5	1.6
Johor	719,519	731,016	1.6	13,321	11,497	-13.7	145,616	182,393	25.3	37,654	45,894	21.9	193,887	168,308	-13.2	35,582	26,442	-25.7	3.4	2.4
Pulau Pinang	391,826	397,560	1.5	13,914	5,734	-58.8	67,108	84,222	25.5	13,616	20,502	50.6	69,643	55,584	-20.2	17,789	14,464	-18.7	3.4	2.7
Perak	418,612	429,143	2.5	10,900	10,531	-3.4	42,528	47,124	10.8	11,636	14,425	24.0	30,027	35,357	17.8	20,758	20,258	-2.4	4.2	4.0
Negeri Sembilan	242,939	248,163	2.2	4,051	5,224	29.0	64,814	65,047	0.4	8,096	5,425	-33.0	78,541	77,281	-1.6	13,093	11,642	-11.1	3.4	3.0
Melaka	165,718	167,784	1.2	2,737	2,066	-24.5	26,656	32,895	23.4	5,491	7,247	32.0	18,311	14,148	-22.7	9,187	8,914	-3.0	4.4	4.1
Kedah	282,465	284,421	0.7	6,105	1,956	-68.0	43,984	49,319	12.1	6,201	5,733	-7.5	27,467	23,205	-15.5	11,857	14,217	19.9	3.4	4.0
Pahang	230,621	239,421	3.8	6,453	8,795	36.3	37,236	37,341	0.3	9,705	8,564	-11.8	49,258	53,564	8.7	8,678	9,725	12.1	2.7	2.9
Terengganu	86,534	91,614	5.9	3,657	5,076	38.8	26,167	24,402	-6.7	3,422	3,300	-3.6	19,474	20,298	4.2	4,283	4,286	0.1	3.2	3.1
Kelantan	61,581	63,086	2.4	2,888	1,513	-47.6	15,634	18,034	15.4	1,352	3,839	183.9	6,654	6,441	-3.2	1,543	1,649	6.9	1.8	1.9
Perlis	22,884	23,997	4.9	1,075	1,113	3.5	3,731	3,802	1.9	816	462	-43.4	2,473	2,096	-15.2	1,248	862	-30.9	4.3	2.9
Sabah	161,917	164,468	1.6	4,610	2,549	-44.7	46,752	52,627	12.6	6,756	7,562	11.9	15,591	11,919	-23.6	4,866	4,208	-13.5	2.2	1.8
W.P. Labuan	11,761	11,761	0.0	0	0	0	882	1,507	70.9	238	625	162.6	120	120	0.0	196	210	7.1	1.5	1.6
Sarawak	218,256	221,928	1.7	5,972	3,672	-38.5	29,301	32,429	10.7	10,338	6,472	-37.4	13,940	12,266	-12.0	10,058	9,876	-1.8	3.8	3.7
Malaysia	4,848,030	4,928,883	1.7	107,747	80,850	-25.0	769,788	892,099	15.9	171,146	188,757	10.3	673,235	642,405	-4.6	210,680	193,346	-8.2	3.3	3.0

Stok sedia ada, penawaran akan datang dan dalam perancangan sebagaimana diperolehi pada hujung tahun berkenaan.

The existing stock, incoming supply and planned supply are available as at the end of the current year.

Inventori harta tanah bagi siap dibina dan mula dibina adalah jumlah di sepanjang tahun berkenaan.

Property inventory for completions and starts are accumulated over the current year.

Sumber: Laporan Stok Harta Tanah - NAPIC

Source: Property Stock Report - NAPIC

* Transaksi tidak termasuk "plot kosong" dan "lain-lain" / Transactions exclude 'vacant plot' and 'others'.

$$^1 \text{ Perolehan/ Turnover} = \frac{\text{Transaksi / Transactions}}{\text{Stok sedia ada + Penawaran akan datang + Penawaran dirancang}} \times 100\%$$

Existing stock + Incoming supply + Planned supply

Jadual 3A: Penawaran unit kedai di Malaysia, 2014 dan 2015
Table 3A: Supply of shop units in Malaysia, 2014 and 2015

Negeri / State	Stok sedia ada / Existing stock			Penyiapan baru / Completion			Penawaran akan datang / Incoming supply			Mula / Starts			Penawaran dirancang / Planned supply			Transaksi* / Transactions			% Perolehan ¹ / Turnover ¹	
	2014	2015	% Perubahan Change	2014	2015	% Perubahan Change	2014	2015	% Perubahan Change	2014	2015	% Perubahan Change	2014	2015	% Perubahan Change	2014	2015	% Perubahan Change	2014	2015
W.P. Kuala Lumpur	25,381	26,253	3.4	1,222	872	-28.6	2,489	4,866	95.5	712	2,738	284.6	3,632	4,149	14.2	694	649	-6.5	2.2	1.8
Selangor	86,414	88,214	2.1	1,068	1,800	68.5	19,726	24,013	21.7	5,090	5,511	8.3	12,018	10,788	-10.2	3,230	2,907	-10.0	2.7	2.4
W.P. Putrajaya	381	389	2.1	42	8	-81.0	167	167	0.0	118	0	-100.0	68	68	0.0	39	16	-59.0	6.3	2.6
Johor	71,933	73,083	1.6	1,941	1,150	-40.8	15,345	19,083	24.4	2,574	4,652	80.7	18,543	17,055	-8.0	4,581	1,206	-73.7	4.3	1.1
Pulau Pinang	30,232	30,579	1.1	855	347	-59.4	4,726	4,928	4.3	1,577	471	-70.1	5,299	5,086	-4.0	1,401	3,237	131.0	3.5	8.0
Perak	48,411	50,194	3.7	1,229	1,783	45.1	8,875	8,617	-2.9	2,134	1,298	-39.2	4,383	5,679	29.6	2,436	2,105	-13.6	4.0	3.3
Negeri Sembilan	18,159	18,939	4.3	473	780	64.9	5,221	5,232	0.2	1,238	785	-36.6	6,201	6,198	0.0	1,447	1,203	-16.9	4.9	4.0
Melaka	18,629	18,828	1.1	274	199	-27.4	4,956	4,936	-0.4	428	111	-74.1	2,458	2,347	-4.5	1,098	836	-23.9	4.2	3.2
Kedah	26,639	26,741	0.4	565	102	-81.9	3,467	3,888	12.1	356	436	22.5	3,297	3,040	-7.8	1,091	1,164	6.7	3.3	3.5
Pahang	18,271	18,976	3.9	936	705	-24.7	4,023	4,381	8.9	1,434	1,060	-26.1	4,075	4,600	12.9	856	935	9.2	3.2	3.3
Terengganu	6,120	6,377	4.2	430	257	-40.2	1,391	1,714	23.2	305	578	89.5	1,589	1,676	5.5	297	267	-10.1	3.3	2.7
Kelantan	8,643	8,873	2.7	36	230	538.9	2,825	3,374	19.4	329	624	89.7	3,767	3,730	-1.0	203	309	52.2	1.3	1.9
Perlis	3,613	3,829	6.0	136	216	58.8	845	866	2.5	137	113	-17.5	1,883	1,961	4.1	147	123	-16.3	2.3	1.8
Sabah	16,938	17,172	1.4	242	234	-3.3	3,544	5,154	45.4	1,271	1,655	30.2	4,859	3,671	-24.4	841	598	-28.9	3.3	2.3
W.P. Labuan	856	856	0.0	64	0	-100.0	92	92	0.0	0	0	ND	57	57	0.0	21	19	-9.5	2.1	1.9
Sarawak	25,485	26,451	3.8	1,088	966	-11.2	4,698	5,353	13.9	2,809	1,313	-53.3	2,689	3,149	17.1	1,751	1,607	-8.2	5.3	4.6
Malaysia	406,105	415,754	2.4	10,601	9,649	-9.0	82,390	96,664	17.3	20,512	21,345	4.1	74,818	73,254	-2.1	20,133	17,181	-14.7	3.6	2.9

Stok sedia ada, penawaran akan datang dan dalam perancangan sebagaimana diperolehi pada hujung tahun berkenaan.
The existing stock, incoming supply and planned supply are available as at the end of the current year.

Inventori harta tanah bagi siap dibina dan mula dibina adalah jumlah di sepanjang tahun berkenaan.
Property inventory for completions and starts are accumulated over the current year.

*Transaksi tidak termasuk kedai sebelum perang dan kedai 1 - 6^{1/2} tingkat/ Transactions exclude pre-war shop and 1 - 6^{1/2} storey shop.

¹ Perolehan/ Turnover = $\frac{\text{Transaksi} / \text{Transactions}}{\text{Stok sedia ada} + \text{Penawaran akan datang} + \text{Penawaran dirancang}}$ x 100%

$\frac{\text{Transaksi} / \text{Transactions}}{\text{Existing stock} + \text{Incoming supply} + \text{Planned supply}}$

Sumber: Laporan Stok Harta Tanah - NAPIC
Source: Property Stock Report - NAPIC

Jadual 4A: Penawaran dan penghunian kompleks perniagaan di Malaysia, 2014 dan 2015

Table 4A: Supply and occupancy of shopping complex in Malaysia, 2014 and 2015

Negeri / State	Stok sedia ada / Existing stock		Penyiapan baru / Completion		Penghunian / Occupancy		Kadar penghunian / Occupancy rate		Perbezaan ambilan tahunan / Annual take-up difference		Ruang tersedia untuk penghunian / Space available for occupancy		Penawaran akan datang / Incoming supply		Mula / Starts		Penawaran dirancang / Planned supply	
	meter persegi / square meter				(%)				meter persegi / square meter									
	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015
W.P. Kuala Lumpur	2,552,767	2,671,384	166,921	46,212	2,291,435	2,335,632	89.8	87.4	272,727	44,197	261,332	335,752	315,838	430,758	-	172,400	278,484	400,128
Selangor	2,969,646	3,151,290	175,243	83,794	2,515,883	2,764,428	84.7	87.7	90,942	248,545	453,763	386,862	118,200	177,980	-	-	19,800	19,800
W.P. Putrajaya	69,700	61,090	1,197	-	57,389	58,082	82.3	95.1	4,422	693	12,311	3,008	29,064	26,456	26,456	-	-	-
Johor	1,647,435	1,703,044	56,358	51,778	1,234,553	1,273,275	74.9	74.8	61,453	38,722	412,882	429,769	175,783	318,272	60,299	207,840	415,700	166,408
Pulau Pinang	1,678,831	1,699,540	89,190	20,709	1,110,450	1,219,847	66.1	71.8	4,421	109,397	568,381	479,693	86,099	43,963	5,611	-	32,548	-
Perak	813,338	948,753	82,683	125,716	752,568	836,635	92.5	88.2	49,474	84,067	60,770	112,118	41,722	20,948	41,976	20,948	62,172	58,729
Negeri Sembilan	439,858	441,164	50,219	4,648	334,922	337,280	76.1	76.5	11,563	2,358	104,936	103,884	19,391	66,823	2,652	56,967	74,583	44,097
Melaka	399,852	433,023	39,297	37,644	332,922	344,324	83.3	79.5	39,297	11,402	66,930	88,699	79,512	68,110	3,398	26,242	-	-
Kedah	464,182	551,385	5,100	73,741	383,148	466,803	82.5	84.7	5,119	83,655	81,034	84,582	92,031	1,661	68,028	-	-	93,871
Pahang	271,554	272,203	6,817	1,255	210,767	215,743	77.6	79.3	9,093	4,976	60,787	56,460	8,363	14,817	2,289	7,709	71,693	122,952
Terengganu	114,228	128,325	7,244	12,086	81,305	91,367	71.2	71.2	(701)	10,062	32,923	36,958	43,559	40,783	43,559	9,540	900	-
Kelantan	222,854	220,570	-	1,560	199,380	196,414	89.5	89.0	-	(2,966)	23,474	24,156	113,912	119,797	113,912	13,361	7,161	7,161
Perlis	47,503	47,652	2,877	-	47,503	47,652	100.0	100.0	(23,842)	149	-	-	149	15,026	-	15,026	21,713	6,687
Sabah	580,199	678,884	-	99,557	527,322	548,556	90.9	80.8	50,278	21,234	52,877	130,328	122,875	98,909	-	-	-	-
W.P. Labuan	26,063	28,434	-	2,671	23,977	28,419	92.0	99.9	(1,645)	4,442	2,086	15	-	-	-	-	-	8,862
Sarawak	680,489	792,212	27,858	84,507	510,757	631,997	75.1	79.8	74,157	121,240	169,732	160,215	119,010	60,897	-	91,132	52,414	100,900
Malaysia	12,978,499	13,828,953	711,004	645,878	10,614,281	11,396,454	81.8	82.4	646,758	782,173	2,364,218	2,432,499	1,365,508	1,505,200	368,180	621,165	1,037,168	1,029,595

Stok sedia ada, bekalan akan datang dan dalam perancangan sebagaimana diperolehi pada hujung tahun berkenaan.
The existing stock, incoming supply and the planned supply are available as at the end of the current year.

Inventori harta tanah dalam harta telah siap dan baru mula adalah jumlah sepanjang tahun berkenaan.
Property inventory in the completions and starts are accumulated over the current year.

Sumber: Laporan Stok Harta Tanah - NAPIC
Source: PropertyStock Report - NAPIC

Jadual 5A: Penawaran dan penghunian pejabat binaan khas di Malaysia, 2014 dan 2015

Table 5A: Supply and occupancy of purpose-built office in Malaysia, 2014 and 2015

Negeri / State	Stok sedia ada / Existing stock		Penyiapan baru / Completion		Penghunian / Occupancy		Kadar penghunian / Occupancy rate		Perbezaan ambilan tahunan / Annual take-up difference		Ruang tersedia untuk penghunian / Space available for occupancy		Penawaran akan datang / Incoming supply		Mula / Starts		Penawaran dirancang / Planned supply	
	meter persegi / square meter				(%)				meter persegi / square meter									
	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015
W.P. Kuala Lumpur	8,097,642	8,282,678	298,492	339,315	6,744,477	6,722,600	83.3	81.2	665,023	(21,877)	1,353,165	1,560,078	779,651	771,617	36,105	229,425	178,084	203,100
Selangor	3,048,797	3,306,328	13,344	78,267	2,329,736	2,501,880	76.4	75.7	13,205	172,144	719,061	804,448	409,869	315,009	16,585	15,360	15,360	-
W.P. Putrajaya	2,033,217	2,052,944	42,758	26,145	1,930,058	1,930,946	94.9	94.1	42,758	888	103,159	121,998	161,532	293,512	63,340	168,909	184,266	31,545
Johor	1,036,720	1,080,843	11,742	47,954	803,086	863,485	77.5	79.9	22,037	60,399	233,634	217,358	77,280	82,127	-	51,000	116,253	113,253
Pulau Pinang	1,105,459	1,105,422	8,461	-	881,796	884,340	79.8	80.0	21,666	2,544	223,663	221,082	105,840	29,157	31,262	4,590	14,058	9,468
Perak	608,084	613,463	6,946	4,955	579,780	582,369	95.3	94.9	21,940	2,589	28,304	31,094	13,330	8,375	4,681	-	-	-
Negeri Sembilan	294,165	295,483	1,963	-	275,028	276,110	93.5	93.4	4,461	1,082	19,137	19,373	20,248	20,248	-	-	10,839	10,839
Melaka	398,487	398,487	14,504	-	324,255	324,255	81.4	81.4	14,504	-	74,232	74,232	19,508	5,004	-	-	-	-
Kedah	339,243	340,408	-	1,165	312,065	306,455	92.0	90.0	13,811	(5,610)	27,178	33,953	5,050	3,885	-	-	-	23,738
Pahang	400,648	397,067	15,852	-	348,356	350,124	86.9	88.2	10,195	1,768	52,292	46,943	19,175	19,175	-	-	13,204	13,204
Terengganu	336,898	342,721	8,564	4,417	324,243	309,204	96.2	90.2	2,140	(15,039)	12,655	33,517	6,459	3,032	-	-	40,497	4,801
Kelantan	380,067	381,462	-	1,395	369,770	371,186	97.3	97.3	1,935	1,416	10,297	10,276	9,422	8,452	9,422	425	425	-
Perlis	130,191	131,038	21,166	847	130,191	131,038	100.0	100.0	21,166	847	-	-	847	11,933	-	11,933	1,011	-
Sabah	669,712	671,674	-	-	602,297	609,502	89.9	90.7	4,247	7,205	67,415	62,172	58,932	47,624	-	-	-	-
W.P. Labuan	66,157	66,252	-	-	53,206	53,257	80.4	80.4	-	51	12,951	12,995	19,222	19,222	-	-	-	-
Sarawak	607,642	665,542	-	16,258	573,424	627,219	94.4	94.2	8,891	53,795	34,218	38,323	29,378	29,378	22,000	-	-	-
Malaysia	19,553,129	20,131,812	443,792	520,718	16,581,768	16,843,970	84.9	83.7	867,979	262,202	2,971,361	3,287,842	1,735,743	1,667,750	183,395	481,642	573,997	409,948

Stok sedia ada, bekalan akan datang dan dalam perancangan sebagaimana diperolehi pada hujung tahun berkenaan.
The existing stock, incoming supply and the planned supply are available as at the end of the current year.

Inventori harta tanah dalam harta telah siap dan baru mula adalah jumlah sepanjang tahun berkenaan.
Property inventory in the completions and starts are accumulated over the current year.

Sumber: Laporan Stok Harta Tanah - NAPIC
Source: PropertyStock Report - NAPIC

Jadual 6A: Penawaran unit industri di Malaysia , 2014 dan 2015

Table 6A: Supply of industrial units in Malaysia, 2014 and 2015

Negeri State	Stok sedia ada Existing stock			Penyiapan baru Completion			Penawaran akan datang Incoming supply			Mula Starts			Penawaran dirancang Planned supply			Transaksi* Transactions*			% Perolehan' % Turnover ¹	
	2014	2015	% Peru- bahan Change	2014	2015	% Peru- bahan Change	2014	2015	% Peru- bahan Change	2014	2015	% Peru- bahan Change	2014	2015	% Peru- bahan Change	2014	2015	% Peru- bahan Change	2014	2015
W.P. Kuala Lumpur	5,132	5,138	0.1	0	6	N/A	6	0	-100.0	0	0	N/A	0	15	N/A	213	195	-8.5	4.1	3.8
Selangor	36,093	36,294	0.6	183	201	9.8	3,691	3,954	7.1	839	427	-49.1	2,225	2,221	-0.2	2,093	1,550	-25.9	5.0	3.6
W.P. Putrajaya	48	48	0.0	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A	3	0	-100.0	6.3	0.0
Johor	14,159	14,508	2.5	359	134	-62.7	2,340	3,124	33.5	1,383	956	-30.9	3,790	2,054	-45.8	856	683	-20.2	4.2	3.5
Pulau Pinang	8,006	8,019	0.2	113	13	-88.5	232	292	25.9	24	72	200.0	522	495	-5.2	429	398	-7.2	4.9	4.5
Perak	7,520	7,920	5.3	119	73	-38.7	475	519	9.3	238	137	-42.4	431	386	-10.4	398	375	-5.8	4.7	4.2
Negeri Sembilan	4,415	5,181	17.3	17	10	-41.2	887	210	-76.3	167	47	-71.9	2,398	513	-78.6	290	216	-25.5	3.8	3.7
Melaka	4,188	6,287	50.1	48	72	50.0	585	1,031	76.2	250	124	-50.4	2,473	1,937	-21.7	189	167	-11.6	2.6	1.8
Kedah	3,329	3,677	10.5	18	0	-100.0	125	177	41.6	18	137	661.1	3,189	1,051	-67.0	170	174	2.4	2.6	3.5
Pahang	3,414	3,480	1.9	111	59	-46.8	144	96	-33.3	42	5	-88.1	153	252	64.7	107	106	-0.9	2.9	2.8
Terengganu	824	835	1.3	1	11	1000.0	62	67	8.1	32	16	-50.0	45	54	20.0	29	29	0.0	3.1	3.0
Kelantan	477	538	12.8	3	1	-66.7	76	80	5.3	7	4	-42.9	142	139	-2.1	29	6	-79.3	4.2	0.8
Perlis	225	222	-1.3	13	0	-100.0	22	9	-59.1	0	1	N/A	301	226	-24.9	1	2	100.0	0.2	0.4
Sabah	4,341	5,514	27.0	0	245	N/A	1,381	549	-60.2	98	131	33.7	720	175	-75.7	236	189	-19.9	3.7	3.0
W.P. Labuan	587	586	-0.2	0	0	N/A	3	75	2400.0	0	72	N/A	8	8	0.0	15	14	-6.7	2.5	2.1
Sarawak	4,946	5,621	13.6	64	102	59.4	1,235	1,023	-17.2	313	165	-47.3	1,137	455	-60.0	384	481	25.3	5.2	6.8
Malaysia	97,704	103,868	6.3	1,049	927	-11.6	11,264	11,206	-0.5	3,411	2,294	-32.7	17,534	9,981	-43.1	5,442	4,585	-15.7	4.3	3.7

Stok sedia ada, penawaran akan datang dan dalam perancangan sebagaimana diperolehi pada hujung tahun berkenaan.

The existing stock, incoming supply and planned supply are available as at the end of the current year.

Inventori harta tanah bagi siap dibina dan mula dibina adalah jumlah di sepanjang tahun berkenaan.

Property inventory for completions and starts are accumulated over the current year.

* Transaksi tidak termasuk "plot kosong" dan "lain-lain" / *Transactions exclude 'vacant plot' and 'others'.*

Sumber: Laporan Stok Harta Tanah - NAPIC

Source: Property Stock Report - NAPIC

$$^1 \text{ Perolehan / Turnover} = \frac{\text{Transaksi / Transactions}}{\text{Stok sedia ada + Penawaran akan datang + Penawaran dirancang}} \times 100\%$$

Existing stock + Incoming supply + Planned supply

Jadual 7A: Bilangan bilik hotel , 2014 dan 2015
Table 7A: Number of hotel rooms, 2014 and 2015

Negeri State	Stok sedia ada Existing stock			Penyiapan baru Completion			Penawaran akan datang Incoming supply			Mula Starts			Penawaran dirancang Planned supply		
	2014	2015	% Perubahan Change	2014	2015	% Perubahan Change	2014	2015	% Perubahan Change	2014	2015	% Perubahan Change	2014	2015	% Perubahan Change
W.P. Kuala Lumpur	35,706	35,856	0.4	1,149	253	-78.0	3,720	5,125	37.8	901	606	-32.7	495	1,364	175.6
Selangor	16,219	17,119	5.5	646	900	39.3	1,896	1,935	2.1	0	414	N/A	1,377	606	-56.0
W.P. Putrajaya	783	1,041	33.0	0	218	N/A	218	243	11.5	0	243	N/A	243	0	-100.0
Johor	22,774	23,035	1.1	648	261	-59.7	1,258	2,910	131.3	808	1,652	104.5	3,332	3,915	17.5
Pulau Pinang	15,556	16,239	4.4	364	683	87.6	3,761	3,412	-9.3	296	334	12.8	4,115	3,960	-3.8
Perak	12,953	13,733	6.0	477	777	62.9	1,354	901	-33.5	390	281	-27.9	2,910	3,081	5.9
Negeri Sembilan	6,717	6,956	3.6	311	239	-23.2	1,327	1,441	8.6	610	163	-73.3	413	358	-13.3
Melaka	11,603	11,853	2.2	577	250	-56.7	3,572	3,422	-4.2	69	100	44.9	513	513	0.0
Kedah	11,999	12,361	3.0	675	362	-46.4	1,021	785	-23.1	0	57	N/A	134	134	0.0
Pahang	21,444	21,470	0.1	317	26	-91.8	118	140	18.6	0	48	N/A	555	644	16.0
Terengganu	8,241	8,241	0.0	774	0	-100.0	411	509	23.8	0	98	N/A	418	344	-17.7
Kelantan	4,056	4,056	0.0	0	0	N/A	0	17	N/A	0	17	N/A	0	0	N/A
Perlis	906	970	7.1	0	64	N/A	79	193	144.3	0	162	N/A	178	310	74.2
Sabah	16,556	17,009	2.7	188	453	141.0	1,421	1,071	-24.6	0	0	N/A	41	226	451.2
W.P. Labuan	1,702	1,702	0.0	130	0	-100.0	561	656	16.9	166	95	-42.8	140	140	0.0
Sarawak	16,876	17,106	1.4	436	230	-47.2	1,551	1,309	-15.6	623	70	-88.8	428	746	74.3
Malaysia	204,091	208,747	2.3	6,692	4,716	-29.5	22,268	24,069	8.1	3,863	4,340	12.3	15,292	16,341	6.9

Stok sedia ada, bekalan akan datang dan dalam perancangan sebagaimana diperolehi pada hujung tahun berkenaan

The existing stock, incoming supply and the planned supply

Inventori harta tanah dalam harta telah siap dan baru mula adalah jumlah sepanjang tahun berkenaan

Property inventory in the completions and starts are accumulated over the current year

Sumber: Laporan Stok Harga - NAPIC

Source: Property Stock Report - NAPIC

Jadual 8A: Bilangan dan prestasi jualan pelancaran baru dan bilangan dan nilai unit kediaman yang tidak terjual di Malaysia, 2014 dan 2015

Table 8A: Number and sales performance of new launches and number and value of unsold residential units in Malaysia, 2014 and 2015

Negeri / State	Pelancaran baru / Newly launched		Siap dibina / Completed		Dalam pembinaan Under construction		Belum dibina / Not constructed			
	2014	2015	2014	2015	2014	2015	2014	2015		
MALAYSIA	Unit dilancar / Unit launched	86,997	70,273	Unit dilancar / Unit launched	46,307	51,042	148,659	168,672	22,916	16,095
	Unit dijual / Unit sold	39,491	29,089	Unit tidak terjual / Unsold units	9,733	10,285	53,476	68,760	13,471	10,704
	Prestasi jualan / Sales performance	45.4	41.4	Nilai (RM Juta) / Value (RM Million)	3,780.80	5,897.45	NA	NA	NA	NA
W.P. Kuala Lumpur	Unit dilancar / Unit launched	16,405	14,444	Unit dilancar / Unit launched	7,621	6,506	34,791	27,017	3,116	6,260
	Unit dijual / Unit sold	7,713	5,972	Unit tidak terjual / Unsold units	1,039	651	8,947	8,523	933	3,419
	Prestasi jualan / Sales performance	47.0	41.3	Nilai (RM Juta) / Value (RM Million)	843.49	617.23	NA	NA	NA	NA
W.P. Putrajaya	Unit dilancar / Unit launched	2,685	1,581	Unit dilancar / Unit launched	0	0	1,062	1,395	0.00	0
	Unit dijual / Unit sold	1,281	1,504	Unit tidak terjual / Unsold units	0	0	172	452	0.00	0
	Prestasi jualan / Sales performance	47.7	95.1	Nilai (RM Juta) / Value (RM Million)	0.00	0.00	NA	NA	NA	NA
W.P. Labuan	Unit dilancar / Unit launched	0	520	Unit dilancar / Unit launched	0.00	16	58	58	0.00	0
	Unit dijual / Unit sold	0	503	Unit tidak terjual / Unsold units	0.00	8	15	10	0.00	0
	Prestasi jualan / Sales performance	0.00	96.7	Nilai (RM Juta) / Value (RM Million)	0.00	2.56	NA	NA	NA	NA
Selangor	Unit dilancar / Unit launched	14,808	12,770	Unit dilancar / Unit launched	30,290	22,145	24,433	19,623	2,956	2,852
	Unit dijual / Unit sold	7,183	4,521	Unit tidak terjual / Unsold units	3,770	3,180	8,370	6,445	2,614	2,286
	Prestasi jualan / Sales performance	48.5	35.4	Nilai (RM Juta) / Value (RM Million)	608.32	691.28	NA	NA	NA	NA
Johor	Unit dilancar / Unit launched	16,481	9,428	Unit dilancar / Unit launched	27,731	21,296	22,918	17,057	6,817	4,967
	Unit dijual / Unit sold	6,000	3,453	Unit tidak terjual / Unsold units	5,415	5,596	8,060	7,496	3,603	2,944
	Prestasi jualan / Sales performance	36.4	36.6	Nilai (RM Juta) / Value (RM Million)	958.34	1017.84	NA	NA	NA	NA
Pulau Pinang	Unit dilancar / Unit launched	4,469	2,348	Unit dilancar / Unit launched	2,911	1,940	4,001	3,166	224	60
	Unit dijual / Unit sold	1,963	1,131	Unit tidak terjual / Unsold units	592	311	1,891	1,055	74	35
	Prestasi jualan / Sales performance	43.9	48.2	Nilai (RM Juta) / Value (RM Million)	142.68	56.96	NA	NA	NA	NA
Perak	Unit dilancar / Unit launched	7,988	5,450	Unit dilancar / Unit launched	5,368	3,839	8,888	7,907	1,344	1,405
	Unit dijual / Unit sold	3,899	2,256	Unit tidak terjual / Unsold units	1,222	1,091	4,387	3,885	1,001	977
	Prestasi jualan / Sales performance	48.8	41.4	Nilai (RM Juta) / Value (RM Million)	153.46	137.85	NA	NA	NA	NA
Negeri Sembilan	Unit dilancar / Unit launched	3,917	2,989	Unit dilancar / Unit launched	4,722	5,613	4,856	4,287	7,625	7,237
	Unit dijual / Unit sold	2,351	1,839	Unit tidak terjual / Unsold units	1,793	2,277	1,638	1,651	3,074	2,809
	Prestasi jualan / Sales performance	60.0	61.5	Nilai (RM Juta) / Value (RM Million)	172.30	215.40	NA	NA	NA	NA
Melaka	Unit dilancar / Unit launched	1,107	1,341	Unit dilancar / Unit launched	8,244	7,300	2,319	2,716	281	416
	Unit dijual / Unit sold	577	945	Unit tidak terjual / Unsold units	1,833	1,952	1,155	1,547	271	380
	Prestasi jualan / Sales performance	52.1	70.5	Nilai (RM Juta) / Value (RM Million)	254.88	260.91	NA	NA	NA	NA
Kedah	Unit dilancar / Unit launched	3,037	4,103	Unit dilancar / Unit launched	6,256	4,689	8,873	9,121	1,568	1,533
	Unit dijual / Unit sold	1,247	1,484	Unit tidak terjual / Unsold units	1,399	1,270	3,019	4,399	1,133	1,339
	Prestasi jualan / Sales performance	41.1	36.2	Nilai (RM Juta) / Value (RM Million)	145.91	143.20	NA	NA	NA	NA
Pahang	Unit dilancar / Unit launched	5,407	5,373	Unit dilancar / Unit launched	1,825	2,011	5,410	4,593	1,279	2,010
	Unit dijual / Unit sold	2,794	2,290	Unit tidak terjual / Unsold units	465	726	2,305	2,499	1,160	1,443
	Prestasi jualan / Sales performance	51.7	42.6	Nilai (RM Juta) / Value (RM Million)	58.49	83.98	NA	NA	NA	NA
Terengganu	Unit dilancar / Unit launched	2,188	1,135	Unit dilancar / Unit launched	0	0	808	1,171	140	291
	Unit dijual / Unit sold	788	436	Unit tidak terjual / Unsold units	0	0	460	487	105	173
	Prestasi jualan / Sales performance	36.0	38.4	Nilai (RM Juta) / Value (RM Million)	0.00	0.00	NA	NA	NA	NA
Kelantan	Unit dilancar / Unit launched	771	2,116	Unit dilancar / Unit launched	405	388	1,240	1,255	576	810
	Unit dijual / Unit sold	518	812	Unit tidak terjual / Unsold units	297	268	573	746	564	681
	Prestasi jualan / Sales performance	67.2	38.4	Nilai (RM Juta) / Value (RM Million)	32.12	29.30	NA	NA	NA	NA
Perlis	Unit dilancar / Unit launched	276	171	Unit dilancar / Unit launched	156	156	22	193	0	0
	Unit dijual / Unit sold	78	63	Unit tidak terjual / Unsold units	108	52	10	14	0	0
	Prestasi jualan / Sales performance	28.3	36.8	Nilai (RM Juta) / Value (RM Million)	11.74	6.98	NA	NA	NA	NA
Sabah	Unit dilancar / Unit launched	2,983	2,768	Unit dilancar / Unit launched	12,781	13,153	10,712	10,582	904	1,335
	Unit dijual / Unit sold	1,726	1,185	Unit tidak terjual / Unsold units	3,227	3,313	4,913	5,867	818	1,177
	Prestasi jualan / Sales performance	57.9	42.8	Nilai (RM Juta) / Value (RM Million)	453.68	496.19	NA	NA	NA	NA
Sarawak	Unit dilancar / Unit launched	4,475	3,736	Unit dilancar / Unit launched	4,964	4,148	2,009	3,361	40	214
	Unit dijual / Unit sold	1,373	695	Unit tidak terjual / Unsold units	848	686	953	1,442	40	121
	Prestasi jualan / Sales performance	30.7	18.6	Nilai (RM Juta) / Value (RM Million)	161.37	137.42	NA	NA	NA	NA

Sumber: Laporan Status Pasaran Harta, NAPIC

Source: Property Market Status Report, NAPIC

Jadual 9A: Bilangan unit kedai yang tidak terjual di Malaysia, 2014 dan 2015

Table 9A: Number of unsold shop units in Malaysia, 2014 and 2015

		Siap dibina Completed		Dalam pembinaan Under construction		Belum dibina Not constructed	
		2014	2015	2014	2015	2014	2015
MALAYSIA	Unit dilancar / Unit launched	12,230	16,858	21,460	28,252	2,383	3,628
	Unit tidak terjual / Unsold units	4,324	4,972	7,987	12,882	1,257	2,459
	Nilai (RM Juta) / Value (RM Million)	1498.30	2,249.47	NA	NA	NA	NA
W.P. Kuala Lumpur	Unit dilancar / Unit launched	0	0	2,233	3418	688	940
	Unit tidak terjual / Unsold units	0	0	348	1233	224	383
	Nilai (RM Juta) / Value (RM Million)	0.00	0.00	NA	NA	NA	NA
W.P. Putrajaya	Unit dilancar / Unit launched	0	0	95	95	0	0
	Unit tidak terjual / Unsold units	0	0	41	37	0	0
	Nilai (RM Juta) / Value (RM Million)	0.00	0.00	NA	NA	NA	NA
W.P. Labuan	Unit dilancar / Unit launched	0	0	0	0	0	0
	Unit tidak terjual / Unsold units	0	0	0	0	0	0
	Nilai (RM Juta) / Value (RM Million)	0.00	0.00	NA	NA	NA	NA
Selangor	Unit dilancar / Unit launched	754	1,796	5,309	8,635	572	338
	Unit tidak terjual / Unsold units	215	420	915	3,071	165	70
	Nilai (RM Juta) / Value (RM Million)	49.68	243.54	NA	NA	NA	NA
Johor	Unit dilancar / Unit launched	4,224	4,530	4,959	4,740	307	1,018
	Unit tidak terjual / Unsold units	1,764	1,657	2,323	2,541	188	900
	Nilai (RM Juta) / Value (RM Million)	511.81	715.41	NA	NA	NA	NA
Pulau Pinang	Unit dilancar / Unit launched	591	415	280	541	0	0
	Unit tidak terjual / Unsold units	234	163	154	251	0	0
	Nilai (RM Juta) / Value (RM Million)	123.61	85.45	NA	NA	NA	NA
Perak	Unit dilancar / Unit launched	930	4,505	2,402	2,186	42	218
	Unit tidak terjual / Unsold units	352	960	1,130	1,160	42	127
	Nilai (RM Juta) / Value (RM Million)	148.58	413.19	NA	NA	NA	NA
Negeri Sembilan	Unit dilancar / Unit launched	1,999	1,433	869	833	163	41
	Unit tidak terjual / Unsold units	490	399	469	410	70	38
	Nilai (RM Juta) / Value (RM Million)	134.85	120.28	NA	NA	NA	NA
Melaka	Unit dilancar / Unit launched	1,231	1,465	866	1,064	45	25
	Unit tidak terjual / Unsold units	440	507	363	425	45	25
	Nilai (RM Juta) / Value (RM Million)	131.29	179.94	NA	NA	NA	NA
Kedah	Unit dilancar / Unit launched	517	518	511	571	249	249
	Unit tidak terjual / Unsold units	238	214	303	420	232	232
	Nilai (RM Juta) / Value (RM Million)	78.48	66.09	NA	NA	NA	NA
Pahang	Unit dilancar / Unit launched	684	798	933	1,707	60	133
	Unit tidak terjual / Unsold units	192	213	444	1,013	58	107
	Nilai (RM Juta) / Value (RM Million)	107.73	99.85	NA	NA	NA	NA
Terengganu	Unit dilancar / Unit launched	157	157	138	262	33	92
	Unit tidak terjual / Unsold units	14	6	47	162	28	79
	Nilai (RM Juta) / Value (RM Million)	11.06	4.74	NA	NA	NA	NA
Kelantan	Unit dilancar / Unit launched	147	185	170	403	189	288
	Unit tidak terjual / Unsold units	44	91	60	235	173	271
	Nilai (RM Juta) / Value (RM Million)	30.71	46.03	NA	NA	NA	NA
Perlis	Unit dilancar / Unit launched	64	93	193	223	0	0
	Unit tidak terjual / Unsold units	18	27	99	133	0	0
	Nilai (RM Juta) / Value (RM Million)	14.85	13.95	NA	NA	NA	NA
Sabah	Unit dilancar / Unit launched	313	320	805	1,717	0	192
	Unit tidak terjual / Unsold units	93	82	314	754	0	136
	Nilai (RM Juta) / Value (RM Million)	28.72	106.04	NA	NA	NA	NA
Sarawak	Unit dilancar / Unit launched	619	643	1,697	1,857	35	94
	Unit tidak terjual / Unsold units	230	232	977	1,037	32	91
	Nilai (RM Juta) / Value (RM Million)	126.93	154.95	NA	NA	NA	NA

Sumber: Laporan Status Pasaran Harta, NAPIC
Source: Property Market Status Report, NAPIC

Jadual 10A: Bilangan unit perindustrian yang tidak terjual di Malaysia, 2014 dan 2015
Table 10A: Number of unsold industrial units in Malaysia, 2014 and 2015

		Siap dibina Completed		Dalam pembinaan Under construction		Belum dibina Not constructed	
		2014	2015	2014	2015	2014	2015
Malaysia	Unit dilancar / Unit launched	563	583	2,114	2,965	236	106
	Unit tidak terjual / Unsold units	226	243	1,335	1,731	148	87
	Nilai (RM Juta) / Value (RM Million)	83.75	240.57	NA	NA	NA	NA
W.P. Kuala Lumpur	Unit dilancar / Unit launched	0	0	0	0	0	0
	Unit tidak terjual / Unsold units	0	0	0	0	0	0
	Nilai (RM Juta) / Value (RM Million)	0.0	0.0	NA	NA	NA	NA
W.P. Putrajaya	Unit dilancar / Unit launched	0	0	0	0	0	0
	Unit tidak terjual / Unsold units	0	0	0	0	0	0
	Nilai (RM Juta) / Value (RM Million)	0.0	0.0	NA	NA	NA	NA
W.P. Labuan	Unit dilancar / Unit launched	0	0	0	0	0	0
	Unit tidak terjual / Unsold units	0	0	0	0	0	0
	Nilai (RM Juta) / Value (RM Million)	0.0	0.0	NA	NA	NA	NA
Selangor	Unit dilancar / Unit launched	21	0	58	189	0	40
	Unit tidak terjual / Unsold units	8	0	58	70	0	21
	Nilai (RM Juta) / Value (RM Million)	0.57	0.00	NA	NA	NA	NA
Johor	Unit dilancar / Unit launched	55	168	786	1,110	38	32
	Unit tidak terjual / Unsold units	17	84	505	675	36	32
	Nilai (RM Juta) / Value (RM Million)	4.06	168.30	NA	NA	NA	NA
Pulau Pinang	Unit dilancar / Unit launched	41	0	127	213	0	0
	Unit tidak terjual / Unsold units	15	0	95	114	0	0
	Nilai (RM Juta) / Value (RM Million)	3.00	0.00	NA	NA	NA	NA
Perak	Unit dilancar / Unit launched	0	38	115	215	50	0
	Unit tidak terjual / Unsold units	0	21	78	148	48	0
	Nilai (RM Juta) / Value (RM Million)	0.00	13.41	NA	NA	NA	NA
Negeri Sembilan	Unit dilancar / Unit launched	18	18	121	137	114	0
	Unit tidak terjual / Unsold units	7	7	106	108	30	0
	Nilai (RM Juta) / Value (RM Million)	1.79	1.79	NA	NA	NA	NA
Melaka	Unit dilancar / Unit launched	190	64	64	64	0	0
	Unit tidak terjual / Unsold units	90	33	46	38	0	0
	Nilai (RM Juta) / Value (RM Million)	30.82	11.17	NA	NA	NA	NA
Kedah	Unit dilancar / Unit launched	14	51	104	184	0	0
	Unit tidak terjual / Unsold units	6	17	50	86	0	0
	Nilai (RM Juta) / Value (RM Million)	2.39	7.55	NA	NA	NA	NA
Pahang	Unit dilancar / Unit launched	121	0	54	76	0	0
	Unit tidak terjual / Unsold units	39	37	39	57	0	0
	Nilai (RM Juta) / Value (RM Million)	16.95	14.75	NA	NA	NA	NA
Terengganu	Unit dilancar / Unit launched	0	0	0	0	0	0
	Unit tidak terjual / Unsold units	0	0	0	0	0	0
	Nilai (RM Juta) / Value (RM Million)	0.00	0.00	NA	NA	NA	NA
Kelantan	Unit dilancar / Unit launched	0	0	0	0	0	0
	Unit tidak terjual / Unsold units	0	0	0	0	0	0
	Nilai (RM Juta) / Value (RM Million)	0.0	0.0	NA	NA	NA	NA
Perlis	Unit dilancar / Unit launched	0	0	0	0	0	0
	Unit tidak terjual / Unsold units	0	0	0	0	0	0
	Nilai (RM Juta) / Value (RM Million)	0.0	0.0	NA	NA	NA	NA
Sabah	Unit dilancar / Unit launched	53	53	58	214	0	0
	Unit tidak terjual / Unsold units	35	29	54	149	0	0
	Nilai (RM Juta) / Value (RM Million)	20.78	16.62	NA	NA	NA	NA
Sarawak	Unit dilancar / Unit launched	50	70	627	563	34	34
	Unit tidak terjual / Unsold units	9	15	304	286	34	34
	Nilai (RM Juta) / Value (RM Million)	3.38	6.98	NA	NA	NA	NA

Sumber: Laporan Status Pasaran Harta, NAPIC
Source: Property Market Status Report, NAPIC

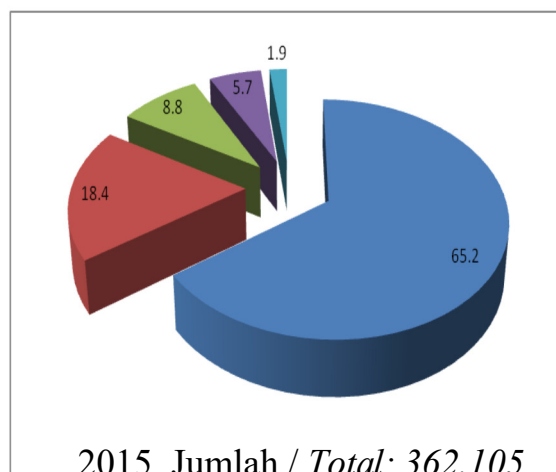
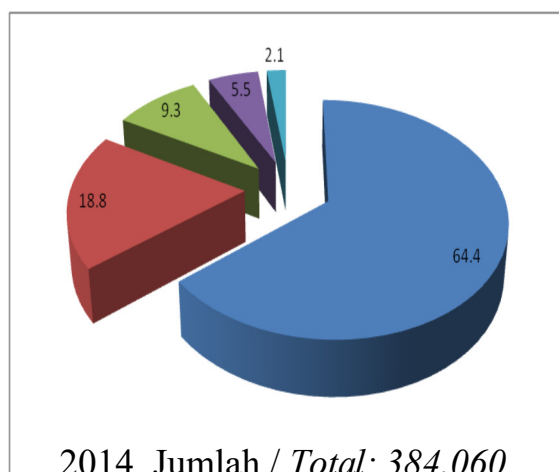
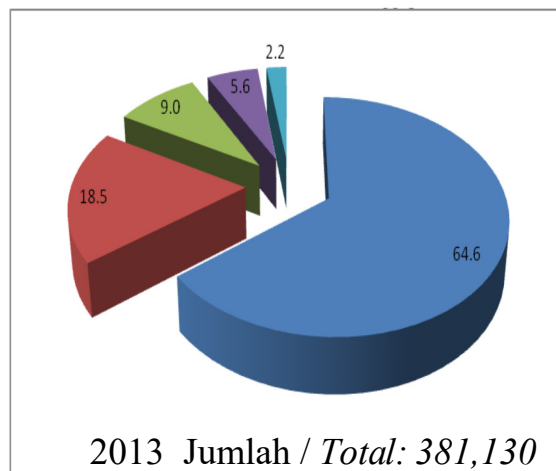
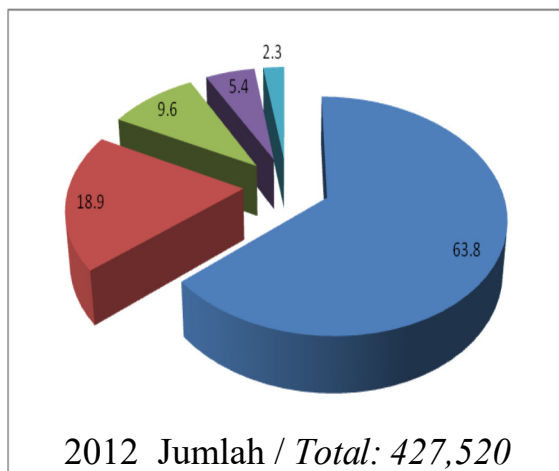
Jadual 11A: Indeks harga rumah (2000=100) mengikut jenis rumah dan mengikut negeri, 2014 dan 2015

Table 11A: The housing price index (2000=100) by type of houses and by region, 2014 and 2015

Negeri State	Semua rumah All houses			Teres Terraced			Bertingkat tinggi High-rise			Sesebuah Detached			Berkembar Semi-detached		
	2014	2015	Perubahan % Change	2014	2015	Perubahan % Change	2014	2015	Perubahan % Change	2014	2015	Perubahan % Change	2014	2015	Perubahan % Change
W.P. Kuala Lumpur	256.5	272.2	6.1	270.9	278.4	2.8	218.8	233.7	6.8	272.4	305.5	12.2	257.5	271.7	5.5
Selangor	204.4	221.0	8.1	206.9	224.4	8.5	164.9	181.3	9.9	205.9	215.5	4.7	216.6	230.7	6.5
Johor	158.2	166.9	5.5	152.8	161.7	5.8	178.2	184.0	3.3	157.8	169.3	7.3	187.3	194.8	4.0
Pulau Pinang	240.5	258.8	7.6	263.7	283.1	7.4	258.3	277.9	7.6	173.1	179.5	3.7	165.3	182.8	10.6
Negeri Sembilan	194.0	205.5	5.9	195.1	208.1	6.7	102.7	112.7	9.7	185.2	197.3	6.5	211.6	213.5	0.9
Perak	221.8	236.0	6.4	218.5	231.3	5.9	N/A	N/A	N/A	251.9	271.4	7.7	222.2	241.0	8.5
Melaka	179.9	192.3	6.9	190.5	203.7	6.9	124.1	134.3	8.2	108.0	115.3	6.8	164.7	175.3	6.4
Kedah	202.9	212.7	4.8	196.6	202.8	3.2	N/A	N/A	N/A	208.3	234.8	12.7	214.5	229.4	6.9
Pahang	253.4	266.5	5.2	243.9	255.9	4.9	N/A	N/A	N/A	304.0	322.6	6.1	263.3	277.9	5.5
Terengganu	256.9	268.6	4.6	261.0	263.4	0.9	N/A	N/A	N/A	243.7	269.7	10.7	263.5	279.2	6.0
Kelantan	222.5	200.7	-9.8	231.4	218.0	-5.8	N/A	N/A	N/A	135.1	141.6	4.8	218.4	227.4	4.1
Perlis	241.0	252.3	4.7	243.8	250.7	2.8	N/A	N/A	N/A	N/A	N/A	N/A	235.4	256.3	8.9
Sabah	301.8	317.4	5.2	307.6	324.1	5.4	261.8	278.6	6.4	264.1	290.4	10.0	322.3	332.3	3.1
Sarawak	212.4	228.8	7.7	203.5	213.6	5.0	N/A	N/A	N/A	231.5	248.8	7.5	214.0	235.4	10.0
Malaysia	211.0	226.7	7.4	207.3	220.2	6.2	229.4	234.4	2.2	225.6	245.3	8.7	214.1	230.7	7.8

Sumber: Indeks Harga Rumah Malaysia, NAPIC
Source: The Malaysian House Price Index, NAPIC

Carta 1A: Jumlah dan peratus pecahan pindah milik harta mengikut subsektor, 2012 - 2015
Chart 1A: Total and percentage share of properties transacted by sub-sector, 2012 - 2015

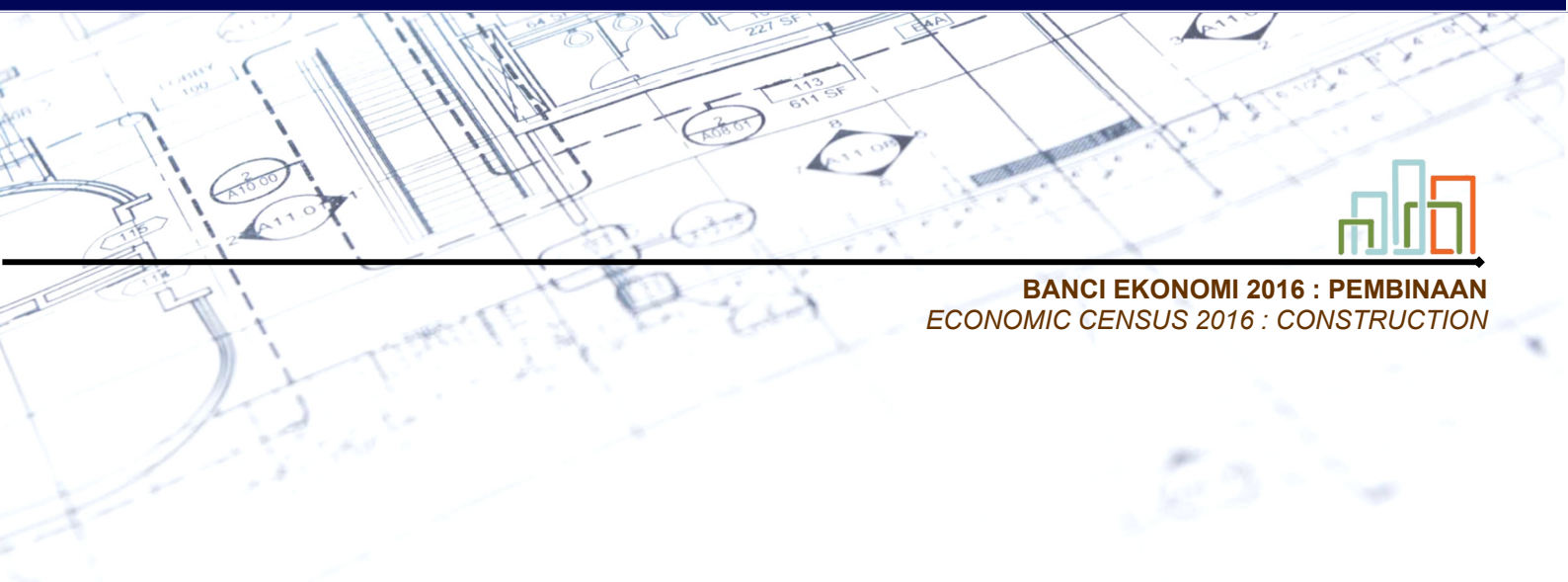


	Bilangan harta/ Number of properties				% Pecahan/ Share			
	2012	2013	2014	2015	2012	2013	2014	2015
Kediaman/ Residential	272,669	246,225	247,251	235,967	63.8	64.6	64.4	65.2
Pertanian/ Agriculture	80,679	70,698	72,104	66,705	18.9	18.5	18.8	18.4
Perdagangan/ Commercial	41,082	34,298	35,528	31,776	9.6	9.0	9.3	8.8
Pembangunan dan lain-lain/ Development and others	23,106	21,491	21,077	20,611	5.4	5.6	5.5	5.7
Perindustrian/ Industrial	9,984	8,418	8,100	7,046	2.3	2.2	2.1	1.9
Jumlah/ Total	427,520	381,130	384,060	362,105	100	100	100	100



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BANCI EKONOMI 2016 : PEMBINAAN
ECONOMIC CENSUS 2016 : CONSTRUCTION

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LAMPIRAN
 APPENDIX

Kumpulan Groups	Perkara Items	Keterangan Description	MSIC 2000
BANGUNAN KEDIAMAN / BANGUNAN BUKAN KEDIAMAN <i>RESIDENTIAL BUILDINGS / NON-RESIDENTIAL BUILDINGS</i>			
410		Pembinaan bangunan <i>Construction of buildings</i>	
	41001	Bangunan kediaman <i>Residential buildings</i>	45201
	41002	Bangunan bukan kediaman <i>Non-residential buildings</i>	45202
	41003	Pemasangan dan pendirian bangunan pasang siap di tapak pembinaan <i>Assembly and erection of prefabricated constructions on the site</i>	45209p
	41009	Pembinaan bangunan t.t.t.l. <i>Construction of buildings n.e.c.</i>	45209p
KEJURUTERAAN AWAM <i>CIVIL ENGINEERING</i>			
421		Pembinaan jalanraya dan landasan kereta api <i>Construction of roads and railways</i>	
	42101	Pembinaan laluan kenderaan bermotor, lorong, jalan, laluan pejalan kaki dan kenderaan lain <i>Construction of motorways, streets, roads, other vehicular and pedestrian ways</i>	45203p
	42102	Kerja penurapan jalan, jalan raya, lebuh raya, jambatan atau terowong <i>Surface work on streets, roads, highways, bridges or tunnels</i>	45203p
	42103	Pembinaan jambatan termasuk untuk lebuh raya bertingkat <i>Construction of bridges, including those for elevated highways</i>	45203p
	42104	Pembinaan terowong <i>Construction of tunnels</i>	45203p
	42105	Pembinaan landasan kereta api dan laluan bawah tanah <i>Construction of railways and subways</i>	45203p
	42106	Pembinaan landasan lapangan terbang <i>Construction of airfield/airports runways</i>	45203p
	42109	Pembinaan jalan raya dan landasan kereta api t.t.t.l. <i>Construction of roads and railways n.e.c.</i>	45209p



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Kumpulan Groups	Perkara Items	Keterangan Description	MSIC 2000
422		Pembinaan projek utiliti <i>Construction of utility projects</i>	
	42201	Saluran paip jarak jauh, talian komunikasi dan kuasa <i>Long-distance pipelines, communication and power lines</i>	45204p, 45205p
	42202	Saluran paip dalam bandar, talian komunikasi dan kuasa dalam bandar, kerja-kerja berkaitan dalam bandar <i>Urban pipelines, urban communication and power lines; ancillary urban works</i>	45204p, 45205p 60300p
	42203	Pembinaan punca dan saluran air <i>Water main and line construction</i>	45204p
	42204	Loji takungan <i>Reservoirs</i>	45204p
	42205	Pembinaan sistem pengairan (terusan) <i>Construction of irrigation systems (canals)</i>	45204p
	42206	Pembinaan sistem pembedungan (termasuk pembaikan) dan loji pelupusan sisa kumbahan <i>Construction of sewer systems (including repair) and sewage disposal plants</i>	45204p
	42207	Pembinaan janakuasa <i>Construction of power plants</i>	45209p
	42209	Pembinaan projek utiliti t.t.t.l. <i>Construction of utility projects n.e.c.</i>	45209p
429		Pembinaan projek kejuruteraan awam lain <i>Construction of other civil engineering projects</i>	
	42901	Pembinaan loji penapisan <i>Construction of refineries</i>	45209p
	42902	Pembinaan laluan air, kerja pelabuhan dan sungai, <i>pleasure ports (marinas)</i>, kunci air <i>Construction of waterways, harbor and river works, pleasure ports (marinas), locks</i>	45203p
	42903	Pembinaan empangan dan daik <i>Construction of dams and dykes</i>	45204p



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Kumpulan Groups	Perkara Items	Keterangan Description	MSIC 2000
	42904	Penggalian laluan air <i>Dredging of waterways</i>	45203p
	42905	Kemudahan sukan luar dewan <i>Outdoor sports facilities</i>	45206
	42906	Pembahagian tanah berserta dengan penambahbaikan tanah <i>Land subdivision with land improvement</i>	45209p, 70101p
	42909	Pembinaan projek kejuruteraan awam lain t.t.t.l. <i>Construction of other engineering projects n.e.c.</i>	45209p

PERTUKANGAN KHAS
SPECIAL TRADES

431		Perobohan <i>Demolition</i>	
	43110	Perobohan atau peranapan bangunan dan struktur lain <i>Demolition or wrecking of buildings and other structures</i>	45101p
		Penyediaan tapak <i>Site preparation</i>	
	43121	Pembersihan tapak bangunan <i>Clearing of building sites</i>	45101p
	43122	Pengalihan tanah <i>Earth moving</i>	45102p, 45500p
	43123	Pengujian tanah, penggerudian dan penggalian tanah untuk tujuan pembinaan, geofizikal, geologikal atau tujuan seumpamanya <i>Drilling, boring and core sampling for construction, geophysical, geological or similar purposes</i>	45109p
	43124	Penyediaan tapak bagi perlombongan <i>Site preparation for mining</i>	45103
	43125	Perparitan bagi tanah pertanian atau perhutanan <i>Drainage of agricultural or forestry land</i>	45109p
	43126	Kerja penebusan tanah <i>Land reclamation work</i>	45104p
	43129	Aktiviti penyediaan tapak lain t.t.t.l. <i>Other site preparation activities n.e.c.</i>	45109p



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Kumpulan Groups	Perkara Items	Keterangan Description	MSIC 2000
432		Elektrik, pertukangan paip dan aktiviti pemasangan pembinaan lain <i>Electrical, plumbing and other construction installation activities</i>	
	43211	Pendawaian dan pemasangan elektrik <i>Electrical wiring and fittings</i>	45302p
	43212	Pendawaian telekomunikasi <i>Telecommunications wiring</i>	45306p
	43213	Pendawaian rangkaian komputer dan kabel televisyen <i>Computer network and cable television wiring</i>	45309p
	43214	Piring satelit <i>Satellite dishes</i>	45309p
	43215	Sistem pencahayaan <i>Lighting systems</i>	45309p
	43216	Sistem keselamatan <i>Security systems</i>	45306p
	43219	Pemasangan elektrik t.t.t.l. <i>Electrical installation n.e.c.</i>	45302p
432		Pemasangan sistem paip, pemanasan dan pendinginan udara <i>Plumbing, heat and air-conditioning installation</i>	
	43221	Pemasangan sistem pemanasan (elektrik, gas dan minyak) <i>Installation of heating systems (electric, gas and oil)</i>	45307p
	43222	Pemasangan relau, menara pendinginan <i>Installation of furnaces, cooling towers</i>	45307p
	43223	Pemasangan pengumpul tenaga solar bukan elektrik <i>Installation of non-electric solar energy collectors</i>	45307p
	43224	Pemasangan sistem paip dan peralatan sanitasi <i>Installation of plumbing and sanitary equipment</i>	45301
	43225	Pemasangan peralatan dan saluran pengudaraan, penyejukan dan pendinginan udara <i>Installation of ventilation, refrigeration or air-conditioning equipment and ducts</i>	45307p



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Kumpulan Groups	Perkara Items	Keterangan Description	MSIC 2000
	43226	Pemasangan kelengkapan gas <i>Installation of gas fittings</i>	45305
	43227	Pemasangan sistem perenjis air untuk kebakaran dan padang <i>Installation of fire and lawn sprinkler systems</i>	45306p
	43228	Pemasangan paip untuk wap <i>Steam piping</i>	45309p
	43229	Pemasangan sistem paip, pemanasan dan pendinginan udara t.t.t.l. <i>Plumbing, heat and air-conditioning installation n.e.c.</i>	45309p
		Pemasangan pembinaan lain <i>Other construction installation</i>	
	43291	Pemasangan lif, eskalator dalam bangunan atau projek pembinaan lain <i>Installation of elevators, escalators in buildings or other construction projects</i>	29150p, 45304
	43292	Pemasangan pintu automatik dan berputar dalam bangunan atau projek pembinaan lain <i>Installation of automated and revolving doors in buildings or other construction projects</i>	45401p
	43293	Pemasangan konduktor kilat dalam bangunan atau projek pembinaan lain <i>Installation of lightning conductors in buildings or other construction projects</i>	45309p
	43294	Pemasangan sistem pembersihan vakum dalam bangunan atau projek pembinaan lain <i>Installation vacuum cleaning systems in buildings or other construction projects</i>	45309p
	43295	Pemasangan sistem penebatan haba, bunyi atau gegaran dalam bangunan atau projek pembinaan lain <i>Installation thermal, sound or vibration insulation in buildings or other construction projects</i>	45309p
	43299	Pemasangan pembinaan lain t.t.t.l. <i>Other construction installation n.e.c.</i>	45309p



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Kumpulan Groups	Perkara Items	Keterangan Description	MSIC 2000
433		Penyiapan dan kemasn bangunan <i>Building completion and finishing</i>	
	43301	Pemasangan rangka pintu, tingkap, rangka/ bingkai pintu dan tingkap daripada kayu atau bahan lain, dapur pasang siap, tangga kelengkapan kedai dan perabot <i>Installation of doors, windows, door and window frames of wood or other materials, fitted kitchens, staircases, shop fittings and furniture</i>	20220p, 25209p, 28110p, 45209p, 45303p
	43302	Melapis, memasang jubin, menggantung atau memasang kelengkapan bangunan atau projek pembinaan lain daripada pelbagai bahan <i>Laying, tiling, hanging or fitting in buildings or other construction projects of various types of materials</i>	45401p
	43303	Mengecat dalam dan luar bangunan <i>Interior and exterior painting of buildings</i>	45402p
	43304	Mengecat struktur kejuruteraan awam <i>Painting of civil engineering structures</i>	45402p
	43305	Pemasangan kaca, cermin <i>Installation of glass, mirrors</i>	45409p
	43306	Penyiapan dalaman bangunan <i>Interior completion</i>	45409p
	43307	Pembersihan bangunan baru selepas kerja pembinaan <i>Cleaning of new buildings after construction</i>	45403p
	43309	Penyiapan dan kemasn bangunan lain t.t.t.l. <i>Other building completion and finishing work n.e.c.</i>	45409p



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Kumpulan Groups	Perkara Items	Keterangan Description	MSIC 2000
439		Aktiviti pembinaan pertukangan khas lain <i>Other specialized construction activities</i>	
	43901	Pembinaan tapak, termasuk memantak cerucuk <i>Construction of foundations, including pile driving</i>	45209p
	43902	Pembinaan elemen keluli yang bukan dibuat sendiri <i>Erection of non-self-manufactured steel elements</i>	45209p
	43903	Memasang dan membuka semula perancah dan platform kerja <i>Scaffolds and work platform erecting and dismantling</i>	45209p
	43904	Kerja mengikat dan menyusun bata <i>Bricklaying and stone setting</i>	45209p
	43905	Pembinaan kolam renang luar bangunan <i>Construction of outdoor swimming pools</i>	45204p
	43906	Pembersihan menggunakan stim, pancutan air deras berpasir dan aktiviti seumpamanya untuk luar bangunan <i>Steam cleaning, sand blasting and similar activities for building exteriors</i>	45403p
	43907	Penyewaan jentera dan peralatan pembinaan dengan operator (cth. kren) <i>Renting of construction machinery and equipment with operator (e.g. cranes)</i>	45500p
	43909	Aktiviti pembinaan pertukangan khas lain t.t.t.l <i>Other specialized construction activities, n.e.c.</i>	45209p, 45039p

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