



MALAYSIA

BANCI EKONOMI *ECONOMIC CENSUS*

2011

PEMBINAAN *CONSTRUCTION*



JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS, MALAYSIA

KATA PENGANTAR

Laporan ini memuatkan perangkaan bagi sektor pembinaan. Maklumat yang disediakan adalah berdasarkan Banci Ekonomi yang telah dijalankan pada tahun 2011 bagi tahun rujukan 2010.

Data yang berkaitan dengan nilai output kasar, input perantaraan, nilai ditambah, bilangan pekerja, gaji & upah dan nilai harta tetap diterbitkan dalam laporan ini. Data tersebut digunakan bagi tujuan membuat perancangan pembangunan dan penggubalan dasar serta bagi pengunjuran dan analisis ekonomi oleh kerajaan dan penyelidik.

Laporan ini mengandungi tiga bahagian. Penemuan daripada hasil bancian dibentangkan di bahagian pertama laporan ini. Aspek teknikal seperti objektif, skop dan liputan serta konsep dan definisi yang digunakan dalam banci ini dimuatkan di bahagian kedua laporan. Jadual-jadual perangkaan terperinci dipaparkan di bahagian ketiga bagi membolehkan pengguna membuat analisis.

Sebagai tambahan, data sekunder yang diperoleh daripada Pusat Maklumat Harta Tanah Negara (NAPIC), Jabatan Penilaian dan Perkhidmatan Harta turut dipersembahkan.

Jabatan Perangkaan Malaysia ingin merakamkan setinggi-tinggi penghargaan dan terima kasih kepada semua pihak yang terlibat dalam menyumbang kepada laporan ini. Sebarang ulasan dan cadangan daripada para pengguna untuk menambahbaik laporan ini pada masa hadapan amatlah dihargai.

DR. HAJI ABDUL RAHMAN BIN HASAN

Ketua Perangkawan

Malaysia

Jun 2012

PREFACE

This report presents statistics on construction sector. The information provided here is gathered through Economic Census conducted in 2011 for reference year 2010.

Data pertaining to value of gross output, intermediate input, value added, number of persons engaged, salaries & wages and value of fixed assets are published in this report. These data are used for planning and policy formulation as well as for economic projection and analysis by the government and researchers.

This report consists of three parts. The summary findings of the census is highlighted in the first part of the report. The second part focuses on the technical aspects including the objective, scope and coverage as well as relevant concepts and definitions used in the census. Detailed statistical tables are included in the third part of the report to facilitate analysis by users.

In addition, secondary data sourced from the National Property Information Centre (NAPIC), Valuation and Property Services Department are also presented.

The Department of Statistics Malaysia would like to express appreciation to all parties concerned who have contributed towards this report. Comments and suggestions from users for improvement in future reports are greatly appreciated.

DR. HAJI ABDUL RAHMAN BIN HASAN

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June 2012

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RINGKASAN PENEMUAN

SUMMARY FINDINGS

1. Pendahuluan

Laporan ini mengandungi penemuan terperinci Banci Ekonomi Industri Pembinaan yang dijalankan pada tahun 2011 bagi tahun rujukan 2010. Sejumlah 22,140 pertubuhan pembinaan yang aktif telah memberi maklum balas dalam banci ini. Banci yang terdahulu adalah pada tahun 2006 bagi tahun rujukan 2005.

2. Prestasi sektor pembinaan

Sektor pembinaan di Malaysia mencatatkan pertumbuhan dua angka pada tahun 2010 dengan purata pertumbuhan tahunan bagi output kasar sebanyak 11.1 peratus. Prestasi keseluruhan sektor pembinaan pada tahun 2010 berbanding 2005 ditunjukkan di Jadual 1. Pertumbuhan ini disokong terutamanya oleh pelaksanaan projek yang dibiayai oleh Pakej Ransangan Ekonomi Fiskal Kedua contohnya, menaiktaraf jalan, pembaikan sekolah dan kuarters kerajaan dan peruntukan di bawah Rancangan Malaysia ke Sembilan (RMK-9) yang perlu disiapkan sebelum penghujung tahun 2010. Projek di bawah Rancangan Malaysia ke Sembilan (RMK-9) adalah termasuk pembinaan rel landasan berkembar, jambatan kedua Pulau Pinang dan Terminal Penerbangan Tambang Rendah (LCCT) baru serta aktiviti pembinaan daripada lima Koridor Ekonomi¹.

Jadual 1

Indikator utama sektor pembinaan, 2005 dan 2010

Indikator utama	2005	2010	Purata pertumbuhan tahunan (%)
Nilai output kasar (RM bilion)	54.0	91.3	11.1
Nilai input perantaraan (RM bilion)	35.0	59.4	11.2
Nilai ditambah (RM bilion)	19.0	31.9	10.9
Jumlah pekerja (bilangan)	551,755	974,488	12.0
Gaji & upah (RM bilion)	10.9	19.8	12.7
Nilai harta tetap (RM bilion)	7.5	14.5	14.1

¹ Merujuk kepada Iskandar Malaysia (IM), Wilayah Ekonomi Koridor Utara (NCER), Wilayah Ekonomi Koridor Timur (ECER), Koridor Pembangunan Sabah (SDC) dan Wilayah Pembangunan Ekonomi Koridor Pembaharuan Tenaga Sarawak (SCORE).

Seperti digambarkan dalam Jadual 1, semua indikator utama sektor ini meningkat di antara dua tahun rujukan. Output kasar pada tahun 2010 adalah RM91.3 bilion, peningkatan sebanyak RM37.3 bilion berbanding tahun 2005 dengan purata pertumbuhan tahunan sebanyak 11.1 peratus. Selaras dengan pertumbuhan output kasar, nilai input perantaraan turut meningkat sebanyak RM24.4 bilion untuk mencatatkan RM59.4 bilion dengan purata pertumbuhan tahunan adalah 11.2 peratus, ini menghasilkan nilai ditambah sebanyak RM31.9 bilion pada tahun 2010. Sementara itu, jumlah tenaga kerja yang terlibat berjumlah 974,488 orang, dengan kenaikan sebanyak 422,733 orang (12.0 peratus) berbanding dengan 551,755 orang pada tahun 2005. Sejalan dengan pertambahan tenaga kerja, jumlah gaji & upah yang dibayar juga menunjukkan peningkatan sebanyak RM8.9 bilion (12.7 peratus) untuk mencatatkan RM19.8 bilion (2010) dibandingkan dengan RM10.9 bilion (2005). Nilai harta tetap menokok sebanyak RM7.0 bilion (14.1 peratus) untuk mencatatkan RM14.5 bilion (2010) daripada RM7.5 bilion (2005).

3. Prestasi subsektor dalam sektor pembinaan¹

Pada tahun 2010, sektor pembinaan di Malaysia diterajui oleh subsektor bukan kediaman. Sumbangannya meningkat kepada RM27.0 bilion (29.6 peratus) pada 2010 berbanding RM10.8 bilion (20.0 peratus) pada 2005. Prestasi ini disumbangkan oleh pembangunan pesat bangunan industri, bangunan pejabat dan bangunan komersil terutamanya di Lembah Klang. Sementara itu subsektor kejuruteraan awam mencatatkan output kasar sebanyak RM24.9 bilion pada 2010 daripada RM17.1 bilion pada 2005. Output kasar bagi subsektor kediaman meningkat kepada RM20.3 bilion (2010) berbanding RM14.6 bilion (2005). Ia kekal kukuh dengan disokong oleh permintaan yang memberangsangkan di kawasan-kawasan yang strategik. Begitu juga, output kasar bagi pertukangan khas meningkat kepada RM19.1 bilion (2010) berbanding RM11.5 bilion (2005). Rujuk Jadual 2.

Jadual 2

Prestasi subsektor dalam sektor pembinaan daripada segi output kasar, 2005 dan 2010

Subsektor	Output kasar			
	2005		2010	
	RM bilion	% sumbangan	RM bilion	% sumbangan
JUMLAH	54.0	100.0	91.3	100.0
Bukan kediaman	10.8	20.0	27.0	29.6
Kejuruteraan awam	17.1	31.6	24.9	27.2
Kediaman	14.6	27.1	20.3	22.3
Pertukangan khas	11.5	21.3	19.1	20.9

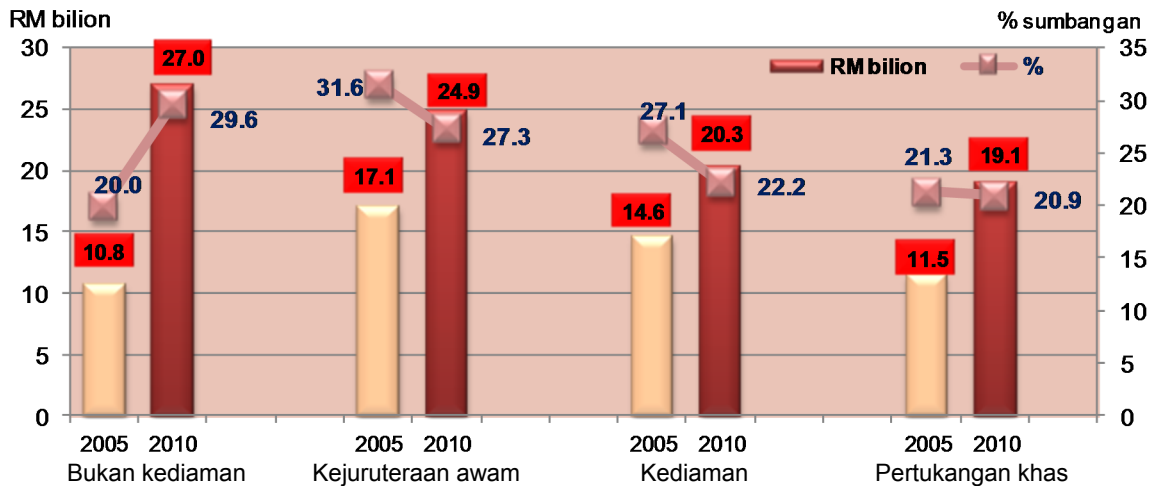
**Bukan kediaman
dan kejuruteraan
awam
mendominasi
sektor
pembinaan**

¹ Subsektor bagi tahun 2005 telah diklasifikasikan semula berdasarkan MSIC 2008. Untuk penjelasan terperinci, sila rujuk nota teknikal pada muka surat 32, Perbandingan data.

Perbandingan prestasi bagi empat subsektor pembinaan daripada segi output kasar pada tahun 2005 dan 2010 digambarkan juga dalam Carta 1.

Carta 1

Prestasi subsektor pembinaan daripada segi nilai ouput kasar, 2005 dan 2010



4. Pembinaan mengikut pemilik projek

Pemilik projek dikelaskan kepada projek pembinaan milikan kerajaan (PPMK) dan projek pembinaan milikan swasta (PPMS). Seperti ditunjukkan di Jadual 3, PPMS terus mendominasi pada tahun 2010, dengan sumbangan RM63.4 bilion (70.4 peratus) daripada nilai kerja keseluruhan, manakala selebihnya RM26.7 bilion (29.6 peratus) dimiliki oleh PPMK. Sumbangan besar PPMS dipacu oleh Inisiatif Kewangan Swasta (PFI) yang dikenalpasti sebagai tonggak kepada penswastaaan projek di bawah rancangan lima tahun kerajaan.

Pada tahun 2010, penumpuan PPMS adalah menjurus kepada projek bukan kediaman, manakala PPMK lebih tertumpu kepada projek kejuruteraan awam seperti yang ditunjukkan dalam Jadual 3.

Jadual 3

Nilai kerja pembinaan mengikut pemilik projek dan subsektor pembinaan, 2010

Subsektor	Nilai kerja pembinaan				
	Jumlah	Pemilik projek / sektor			
		Kerajaan (PPMK)		Swasta (PPMS)	
	RM bilion	RM bilion	% sumbangan	RM bilion	% sumbangan
JUMLAH	90.1	26.7	29.6	63.4	70.4
Bukan kediaman	28.1	10.3	38.6	17.8	28.1
Kejuruteraan awam	25.6	11.3	42.3	14.4	22.7
Kediaman	20.2	2.6	9.7	17.6	27.7
Pertukangan khas	16.2	2.5	9.4	13.6	21.5

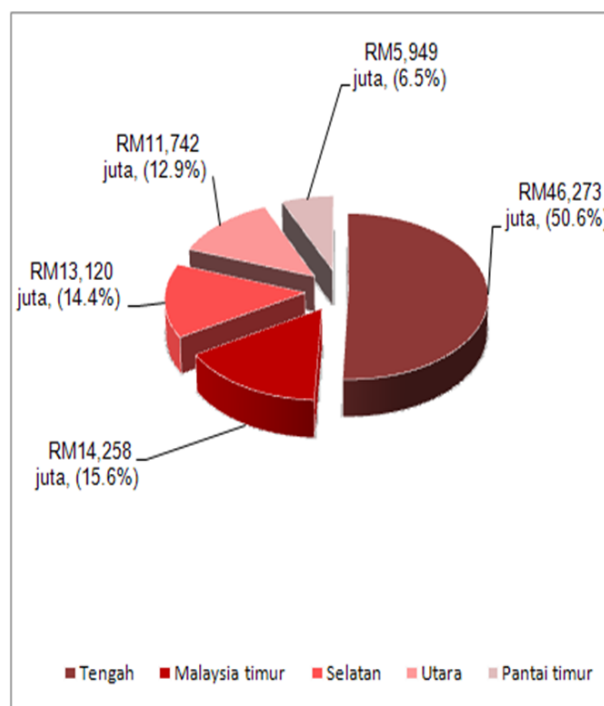
Jadual 4

Output kasar mengikut wilayah, 2010

MALAYSIA	Output kasar	
	RM juta	% sumbangan
Wilayah	91,342	100.0
Wilayah tengah :	46,273	50.6
Selangor	28,279	61.1
W.P. Kuala Lumpur	16,053	34.7
W.P. Putrajaya	1,941	4.2
Malaysia timur :	14,258	15.6
Sabah	7,416	52.0
Sarawak	6,582	46.2
W.P. Labuan	260	1.8
Wilayah selatan :	13,120	14.4
Johor	8,932	68.1
Negeri Sembilan	2,332	17.8
Melaka	1,856	14.1
Wilayah utara :	11,742	12.9
Pulau Pinang	5,248	44.7
Perak	4,390	37.4
Kedah	1,599	13.6
Perlis	505	4.3
Wilayah pantai timur :	5,949	6.5
Pahang	2,388	40.1
Terengganu	2,353	39.6
Kelantan	1,208	20.3

Carta 2

Output kasar mengikut wilayah, 2010



Aktiviti pembinaan tertumpu di wilayah tengah

5. Prestasi sektor pembinaan mengikut wilayah

Seperti yang dipamerkan dalam Jadual 4, aktiviti pembinaan tertumpu di wilayah tengah yang terdiri daripada Negeri Selangor, W.P. Kuala Lumpur dan W.P. Putrajaya. Gabungan tiga negeri ini mencatatkan RM46.3 bilion (50.6 peratus) kepada output kasar. Ini bersandarkan pembinaan pesat yang berpusat di sekitar Lembah Klang yang merupakan denyut nadi negara. Penumpuan seterusnya adalah Malaysia Timur yang merangkumi Negeri Sabah, Sarawak dan W.P. Labuan dengan nilai RM14.3 bilion (15.6 peratus).

Di peringkat negeri, aktiviti pembinaan terus diterajui oleh Selangor, dengan output kasar sebanyak RM28.3 bilion (31.0 peratus) pada 2010. Sementara itu, W.P. Kuala Lumpur mencatatkan RM16.1 bilion (17.6 peratus), diikuti oleh Johor dengan RM8.9 billion (9.8 peratus). Selebihnya RM38.0 bilion (41.6 peratus) disumbangkan oleh pembinaan di negeri-negeri lain.

6. Komposisi mengikut kumpulan saiz output

Sebanyak 18,736 pertubuhan (84.6 peratus) berada dalam kumpulan saiz output di bawah RM5 juta seperti yang ditunjukkan dalam Jadual 5. Walau bagaimanapun, sumbangannya kepada output kasar dan jumlah guna tenaga masing-masing hanya RM16.2 bilion (17.7 peratus) dan 255,741 orang (26.2 peratus). Sebaliknya, 1,659 pertubuhan (7.5 peratus) dalam kumpulan saiz output RM10 juta hingga kurang daripada RM100 juta menyumbang RM40.8 bilion (44.7 peratus) daripada output kasar dan 395,887 orang (40.6 peratus) daripada jumlah guna tenaga. Sementara itu, pertubuhan dalam kumpulan saiz output RM100 juta dan ke atas menyumbang RM22.7 bilion (24.9 peratus) output kasar dan 196,102 orang (20.1 peratus) daripada jumlah guna tenaga dalam sektor pembinaan.

Jadual 5

Bilangan pertubuhan, output kasar dan jumlah pekerja mengikut kumpulan saiz output, 2010

Kumpulan saiz output	Pertubuhan		Output kasar		Jumlah pekerja	
	RM juta	Bilangan	RM bilion	% sumbangan	Bilangan	% sumbangan
JUMLAH		22,140	91.3	100.0	974,488	100.0
<5		18,736	16.2	17.7	255,741	26.2
5 - <10		1,647	11.6	12.7	126,758	13.0
10 - <100		1,659	40.8	44.7	395,887	40.6
100 dan ke atas		98	22.7	24.9	196,102	20.1

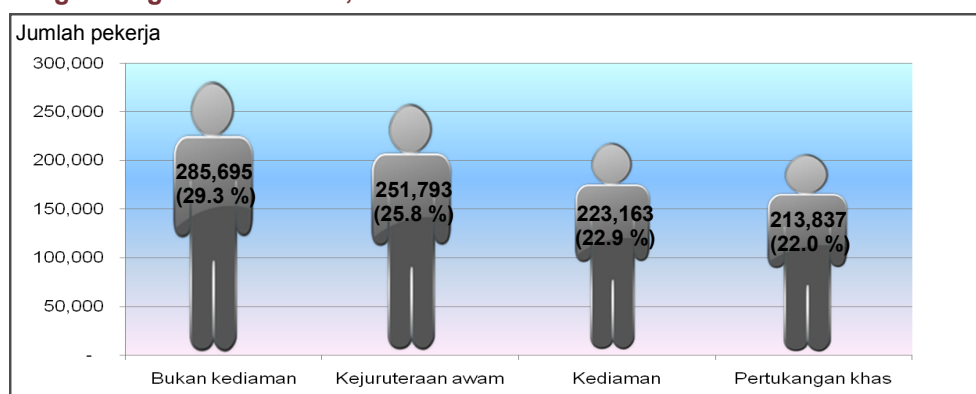
7. Guna tenaga

7.1 Guna tenaga mengikut subsektor

Subsektor bukan kediaman menyumbang peratusan tertinggi daripada segi jumlah pekerja dengan jumlah 285,695 orang (29.3 peratus). Sumbangan kedua tertinggi adalah daripada subsektor kejuruteraan awam dengan 251,793 orang (25.8 peratus), diikuti oleh kediaman 223,163 orang (22.9 peratus) dan pertukangan khas 213,837 orang (22.0 peratus) seperti yang ditunjukkan dalam Carta 3.

Carta 3

Guna tenaga mengikut subsektor, 2010



7.2 Guna tenaga mengikut kumpulan saiz pekerja

Seperti yang ditunjukkan dalam Jadual 6, pertubuhan dalam saiz kumpulan pekerja 100 hingga 499 merupakan penyumbang utama dengan 332,014 orang (34.1 peratus) daripada jumlah guna tenaga (974,488) dalam tahun 2010. Ini diikuti oleh kumpulan saiz pekerja kurang daripada 50 yang mencakupi 220,014 orang (22.6 peratus).

Jadual 6

Bilangan pertubuhan, output kasar dan jumlah pekerja mengikut kumpulan saiz pekerja, 2010

Kumpulan saiz pekerja	Pertubuhan		Output kasar		Jumlah pekerja	
	Bilangan	% sumbangan	RM bilion	% sumbangan	Bilangan	% sumbangan
JUMLAH	22,140	100.0	91.3	100.0	974,488	100.0
<50	18,499	83.6	17.2	18.8	220,014	22.6
50 - 99	1,743	7.9	11.2	12.3	121,485	12.5
100 - 499	1,650	7.4	31.1	34.0	332,014	34.1
500 - 999	164	0.7	11.2	12.3	112,634	11.5
1,000 dan ke atas	84	0.4	20.7	22.6	188,341	19.3

Terdapat sebanyak 20,242 pertubuhan (91.5 peratus) yang mengupah pekerja 341,499 dalam kumpulan kurang daripada 100 kumpulan saiz pekerja, manakala sumbangan kepada output kasar dan jumlah guna tenaga masing-masing adalah RM28.4 bilion (31.1 peratus) dan 341,499 orang (35.1 peratus). Secara perbandingan, 1,898 pertubuhan (8.5 peratus) dalam kumpulan saiz pekerja 100 dan ke atas menyumbang RM63.0 bilion (68.9 peratus) kepada output kasar dan 632,989 orang (64.9 peratus) kepada jumlah guna tenaga.

Jadual 7

Output bagi seorang pekerja mengikut jenis aktiviti pembinaan, 2010

Jenis aktiviti pembinaan	Output kasar	Jumlah pekerja	Output bagi seorang pekerja
	RM juta	Bilangan	RM
JUMLAH	91,342	974,488	93,733
Bangunan	47,409	508,858	93,167
Jalan raya dan landasan kereta api	9,195	92,868	99,011
Projek utiliti	5,978	61,214	97,651
Projek kejuruteraan awam lain, kecuali bangunan	9,680	97,711	99,066
Perobohan	34	281	119,828
Penyediaan tapak	1,133	13,561	83,562
Pemasangan elektrik	6,676	72,922	91,543
Pemasangan sistem paip pemanasan dan pendingin udara	3,413	37,211	91,728
Pemasangan pembinaan lain	1,072	9,618	111,435
Penyiapan dan kemas bangunan	3,571	46,322	77,097
Aktiviti pembinaan pertukangan khas lain	3,181	33,922	93,789

Purata output bagi seorang pekerja adalah RM93,733

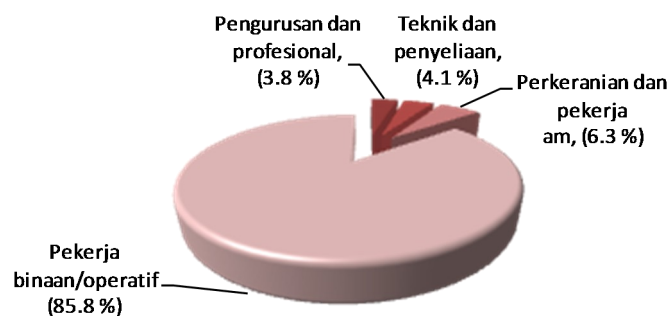
Seperti yang digambarkan dalam jadual, output bagi seorang pekerja adalah di dalam lingkungan RM77,097 hingga RM119,828. Nilai tertinggi output berbanding pekerja dicatatkan dalam aktiviti perobohan manakala yang terendah adalah dalam aktiviti penyiapan dan kemas bangunan.

7.3 Guna tenaga mengikut kategori pekerja

Carta 4 menunjukkan bahawa daripada 946,108 pekerja bergaji sepenuh masa, 811,980 orang (85.8 peratus) dikategorikan sebagai pekerja binaan/operatif. Kumpulan pengurusan dan profesional mewakili 35,616 orang (3.8 peratus), teknikal dan penyeliaan 38,521 orang (4.1 peratus) manakala perkeranian dan pekerja am adalah seramai 59,991 orang (6.3 peratus).

Carta 4

Guna tenaga mengikut kategori pekerja bergaji sepenuh masa, 2010



Jumlah pekerja bergaji sepenuh masa = 946,108 orang

7.4 Gaji & upah yang dibayar

Jadual 8 menunjukkan taburan gaji & upah bagi pekerja bergaji sepenuh masa mengikut kategori pekerja. Terdapat 811,980 orang (85.8 peratus) bekerja sebagai pekerja binaan/operatif yang menerima gaji & upah berjumlah RM14.7 bilion (74.6 peratus). Manakala, pengurusan dan profesional menerima gaji & upah berjumlah RM2.5 bilion (12.5 peratus) dengan 35,616 orang (3.8 peratus) daripada jumlah pekerja bergaji sepenuh masa. Purata gaji & upah tahunan untuk pengurusan dan profesional adalah RM69,333. Ini diikuti oleh teknikal dan penyeliaan (RM35,004), perkeranian (RM20,250), pekerja binaan/operatif (RM18,072) dan pekerja am (RM18,484).

Jadual 8

Gaji & upah bagi pekerja bergaji sepenuh masa mengikut kategori pekerja, 2010

Kategori pekerja	Pekerja bergaji sepenuh masa		Gaji & upah		Purata gaji & upah diterima bagi setahun (RM)
	Bilangan	% sumbangan	RM juta	% sumbangan	
JUMLAH	946,108	100.0	19,668	100.0	20,788
Pengurusan dan profesional	35,616	3.8	2,469	12.5	69,333
Teknik dan penyeliaan	38,521	4.1	1,348	6.9	35,004
Perkeranian	37,866	4.0	767	3.9	20,250
Pekerja binaan/operatif	811,980	85.8	14,674	74.6	18,072
Pekerja am	22,125	2.3	409	2.1	18,484

8. Komposisi mengikut kumpulan saiz harta tetap

Sejumlah 18,670 pertubuhan (84.3 peratus) telah dikelaskan dalam kumpulan saiz harta di bawah RM0.5 juta seperti yang ditunjukkan dalam Jadual 9. Walau bagaimanapun, sumbangannya kepada output kasar dan jumlah harta tetap masing-masing hanya 32.9 peratus dan 9.6 peratus. Sementara itu, pertubuhan dalam RM0.5 juta dan kurang daripada RM10 juta mencatatkan 47.4 peratus daripada output kasar dan 44.5 peratus daripada jumlah harta tetap. Sebanyak 210 pertubuhan (1.0 peratus) dalam kumpulan saiz harta RM10 juta dan ke atas menyumbang 19.7 peratus output kasar dan 45.9 peratus daripada jumlah harta tetap.

Jadual 9

Bilangan pertubuhan, output kasar dan jumlah harta tetap mengikut kumpulan saiz harta tetap, 2010

Kumpulan saiz harta	Bilangan pertubuhan		Output kasar		Harta tetap	
	RM juta	Bilangan	RM juta	% sumbangan	RM juta	% sumbangan
JUMLAH		22,140	91,341	100.0	14,476	100.0
< 0.5		18,670	30,096	32.9	1,391	9.6
0.5 - < 10		3,260	43,267	47.4	6,443	44.5
10 dan ke atas		210	17,978	19.7	6,642	45.9

9. Pertubuhan milikan wanita

9.1 Prestasi pertubuhan milikan wanita

Seperti yang ditunjukkan dalam Jadual 10, pertubuhan milikan wanita dalam sektor pembinaan berjumlah 1,371 pertubuhan (6.2 peratus) dan menjana output kasar sebanyak RM4.4 bilion (4.8 peratus) daripada keseluruhan sektor pada tahun 2010. Kategori ini mencatatkan nilai input perantaraan RM2.8 bilion (4.7 peratus), menghasilkan nilai ditambah sebanyak RM1.5 bilion (4.7 peratus). Sebanyak 53,816 orang (5.5 peratus) daripada jumlah pekerja (974,488 orang) adalah mereka yang bekerja di bawah kategori ini, dengan gaji & upah dibayar sebanyak RM0.9 bilion (4.5 peratus). Sementara itu, nilai aset tetap yang terkumpul oleh kategori ini ialah RM0.6 bilion (4.1 peratus) berbanding dengan jumlah aset tetap (RM14.5 bilion) yang dicatatkan dalam tempoh banci.

Jadual 10

Indikator utama bagi pertubuhan milikan wanita dalam sektor pembinaan, 2010

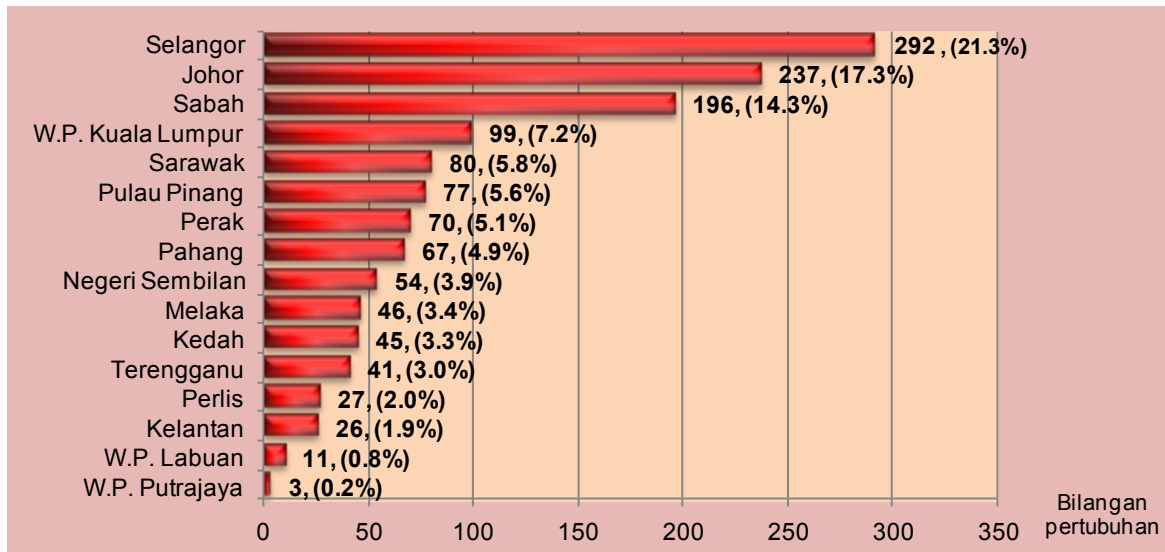
Indikator utama	Jumlah pembinaan	Pertubuhan milikan	% sumbangan
Pertubuhan (bilangan)	22,140	1,371	6.2
Nilai output kasar (RM bilion)	91.3	4.4	4.8
Nilai input perantaraan (RM bilion)	59.4	2.8	4.7
Nilai ditambah (RM bilion)	31.9	1.5	4.7
Jumlah pekerja (bilangan)	974,488	53,816	5.5
Gaji & upah (RM bilion)	19.8	0.9	4.5
Nilai harta tetap (RM bilion)	14.5	0.6	4.1

9.2 Pertubuhan milikan wanita mengikut negeri lokasi projek

Selangor mencatatkan bilangan pertubuhan milikan wanita tertinggi iaitu 292 pertubuhan (21.3 peratus) daripada jumlah keseluruhan pertubuhan milikan wanita (1,371). Seterusnya diikuti oleh Johor dengan 237 pertubuhan (17.3 peratus), manakala Sabah pula dengan 196 pertubuhan (14.3 peratus). Selebihnya 646 pertubuhan (47.1 peratus) disumbangkan oleh negeri-negeri lain. Rujuk Carta 5.

Carta 5

Pertubuhan milikan wanita dalam sektor pembinaan mengikut negeri lokasi projek, 2010



1. Introduction

This report contains the detailed findings of the Economic Census of Construction Industries conducted in 2011 for reference year 2010. A total of 22,140 active construction establishments responded to this census. The previous census was in 2006 for reference year 2005.

2. Performance of the construction sector

The construction sector in Malaysia posted a double digit growth in 2010 with 11.1 per cent average annual growth of gross output. The overall performance of this sector in 2010 as compared to 2005 is shown in Table 1. This growth was mainly supported by the projects under second fiscal stimulus package i.e. upgrading roads, repairs on schools and government quarters and the allocation by Ninth Malaysia Plan that need to be expedited before the end of 2010. The projects under the Ninth Malaysia Plan were double tracking rails, Penang Second Bridge, new Low Cost Carrier Terminal (LCCT) and construction activities in the five Economic Corridors¹.

Table 1

Key indicators of construction sector, 2005 and 2010

Key indicators	2005	2010	Average annual growth (%)
Value of gross output (RM billion)	54.0	91.3	11.1
Value of intermediate input (RM billion)	35.0	59.4	11.2
Value added (RM billion)	19.0	31.9	10.9
Total persons engaged (number)	551,755	974,488	12.0
Salaries & wages (RM billion)	10.9	19.8	12.7
Value of fixed assets (RM billion)	7.5	14.5	14.1

¹ Refers to Iskandar Malaysia (IM), Northern Corridor Economic Region (NCER), East Coast Economic Region (ECER), Sabah Development Corridor (SDC) and Sarawak Corridor of Renewable Energy (SCORE).

As shown in the Table 1, all the key indicators in this sector increased between the two reference years. The gross output in 2010 was RM91.3 billion, an increase of RM37.3 billion as compared to 2005 with an average annual growth of 11.1 per cent. In line with the growth in output, the value of intermediate input increased by RM24.4 billion to record RM59.4 billion with the average annual growth of 11.2 per cent, thus resulting a value added of RM31.9 billion in 2010. Meanwhile, the total workforce engaged in 2010 was 974,488 persons with an increase of 422,733 persons (12.0 per cent) from 551,755 persons in 2005. In tandem with the expansion of total workforce, the total salaries & wages paid also showed an increase of RM8.9 billion (12.7 per cent) to record RM19.8 billion (2010) in comparison with RM10.9 billion (2005). The value of fixed assets expanded by RM7.0 billion (14.1 per cent) to register RM14.5 billion (2010) from RM7.5 billion (2005).

3. Performance of sub-sector in construction sector¹

In year 2010, the construction sector in Malaysia was led by the non-residential sub-sector. Its contribution increased to RM27.0 billion (29.6 percent) in 2010 as compared to RM10.8 billion (20.0 percent) in 2005. The performance was due to the rapid construction of industrial buildings, office buildings and retail buildings especially in Klang Valley. Meanwhile, the civil engineering sub-sector recorded the gross output of RM24.9 billion in 2010 from RM17.1 billion in 2005. Gross output of residential sub-sector increased to RM20.3 billion (2010) as against RM14.6 billion (2005). It remained strong supported by buoyant demand in the strategic areas. Similarly, the gross output for special trades increased to RM19.1 billion (2010) as compared to RM11.5 billion (2005). Refer Table 2.

Table 2

Performance of sub-sector in construction sector by value of gross output, 2005 and 2010

Sub-sector	Gross output			
	2005		2010	
	RM billion	% share	RM billion	% share
TOTAL	54.0	100.0	91.3	100.0
Non-residential	10.8	20.0	27.0	29.6
Civil engineering	17.1	31.6	24.9	27.2
Residential	14.6	27.1	20.3	22.3
Special trades	11.5	21.3	19.1	20.9

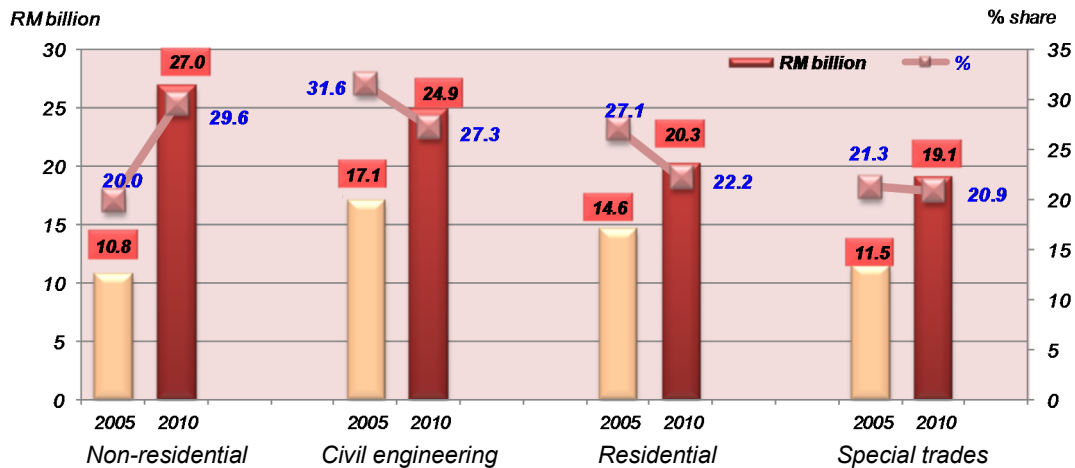
**Non-residential
and civil
engineering
dominated the
construction sector**

¹ The 2005 data has been reclassified according to MSIC 2008. For detail explanation, please refer to technical notes on page 42, Comparability of data.

The comparative performance of the four construction sub-sectors in terms of gross output in 2010 and 2005 are also depicted in Chart 1.

Chart 1

Performance of the construction sub-sectors by gross output, 2005 and 2010



4. Construction by project owners

Project owners were classified into government owned construction project (GOCP) and private owned construction project (POCP). As shown in Table 3, POCP continued to dominate in 2010, contributing RM63.4 billion (70.4 per cent) of total value of work done, while the remaining RM26.7 billion (29.6 per cent) was owned by GOCP. The high contribution by POCP was driven by the Private Finance Initiative (PFI) which identified as a cornerstone of privatization projects under the five-years plan by the government.

In 2010, the concentration of POCP was towards non-residential projects while the GOCP focused more on civil engineering projects as canvassed in Table 3.

Table 3

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

Sub-sector	Value of construction work done				
	Total	Project owner			
		Government (GOCP)		Private (POCP)	
	RM billion	RM billion	% share	RM billion	% share
TOTAL	90.1	26.7	29.6	63.4	70.4
Non-residential	28.1	10.3	38.6	17.8	28.1
Civil engineering	25.6	11.3	42.3	14.4	22.7
Residential	20.2	2.6	9.7	17.6	27.7
Special trades	16.2	2.5	9.4	13.6	21.5

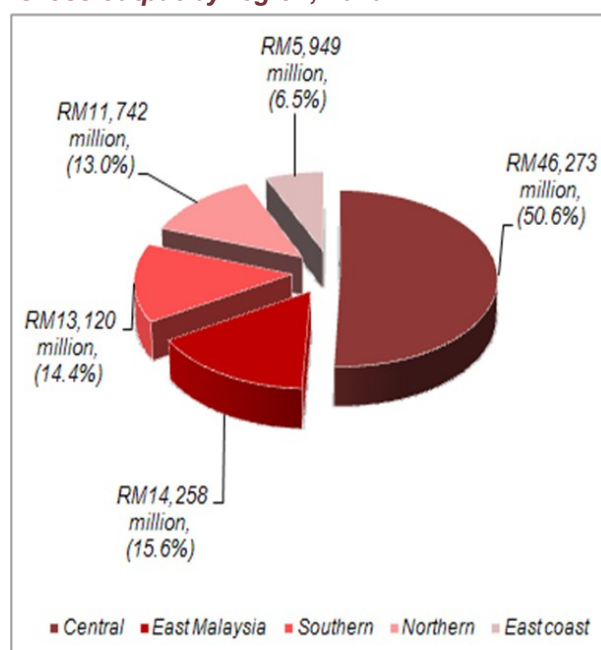
Table 4

Gross output by region, 2010

MALAYSIA	Gross output	
	RM million	% share
Region	91,342	100.0
Central region :	46,273	50.6
Selangor	28,279	61.1
W.P. Kuala Lumpur	16,053	34.7
W.P. Putrajaya	1,941	4.2
East Malaysia :	14,258	15.6
Sabah	7,416	52.0
Sarawak	6,582	46.2
W.P. Labuan	260	1.8
Southern region :	13,120	14.4
Johor	8,932	68.1
Negeri Sembilan	2,332	17.8
Melaka	1,856	14.1
Northern region :	11,742	12.9
Pulau Pinang	5,248	44.7
Perak	4,390	37.4
Kedah	1,599	13.6
Perlis	505	4.3
East coast region :	5,949	6.5
Pahang	2,388	40.1
Terengganu	2,353	39.6
Kelantan	1,208	20.3

Chart 2

Gross output by region, 2010



**Construction activities
were concentrated
at the central region**

5. Performance of construction sector by region

As illustrated in Table 4, construction activities were concentrated in the central region consisting the states of Selangor, W.P. Kuala Lumpur and W.P. Putrajaya. Combination of these three states registered RM46.3 billion (50.6 per cent) to the gross output. This was due to the rapid construction developments in positioning the Klang Valley as the heart beat of the nation. The next concentration was the East Malaysia which consist the states of Sabah, Sarawak and W.P. Labuan with RM14.3 billion (15.6 per cent).

At the state level, construction activities in the country was continuously led by Selangor, a gross output of RM28.3 billion (31.0 per cent) in 2010. Meanwhile, W.P. Kuala Lumpur posted RM16.1 billion (17.6 per cent) and followed by Johor with RM8.9 billion (9.8 per cent). The remaining RM38.0 billion (41.6 per cent) was contributed by constructions in other states.

6. Distribution by output size group

A total of 18,736 establishments (84.6 per cent) were in the output size group below RM5 million as shown in Table 5. However, their contributions to the gross output and total employment were only RM16.2 billion (17.7 per cent) and 255,741 persons (26.2 per cent) respectively. On the contrary, 1,659 establishments (7.5 per cent) in the output size group RM10 million to less than RM100 million accounted for RM40.8 billion (44.7 per cent) of gross output and 395,887 persons (40.6 per cent) of total employment. Meanwhile, establishments in the output size group RM100 million and above accounted for RM22.7 billion (24.9 per cent) of the gross output and 196,102 persons (20.1 per cent) of the total employment in the construction sector.

Table 5

Number of establishments, gross output and employment by output size group, 2010

Output size group RM million	Establishments		Gross output		Employment	
	Number	% share	RM billion	% share	Number	% share
TOTAL	22,140	100.0	91.3	100.0	974,488	100.0
<5	18,736	84.6	16.2	17.7	255,741	26.2
5 - <10	1,647	7.4	11.6	12.7	126,758	13.0
10 - <100	1,659	7.5	40.8	44.7	395,887	40.6
100 and above	98	0.5	22.7	24.9	196,102	20.1

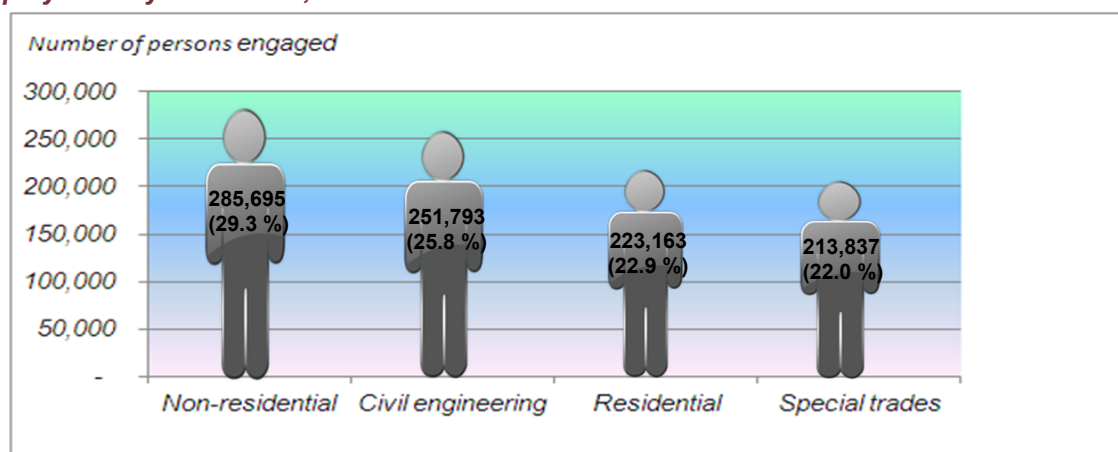
7. Employment

7.1 Employment by sub-sector

The non-residential sub-sector contributed the highest percentage in terms of employment with a total of 285,695 persons (29.3 per cent). The second highest contribution was from the civil engineering sub-sector with 251,793 persons (25.8 per cent), followed by the residential 223,163 persons (22.9 per cent) and the special trades 213,837 persons (22.0 per cent) as shown in Chart 3.

Chart 3

Employment by sub-sector, 2010



7.2 Number of persons engaged by employment size group

As indicated in Table 6, establishments in the employment size group 100 to 499 was the major contributor with 332,014 persons (34.1 per cent) out of the total employment (974,488) in 2010. This was followed by the employment size group of less than 50, accounting for 220,014 persons (22.6 per cent).

Table 6

Number of establishments, gross output and employment by employment size group, 2010

Employment size group	Establishments		Gross output		Employment	
	Number	% share	RM billion	% share	Number	% share
Total	22,140	100.0	91.3	100.0	974,488	100.0
<50	18,499	83.6	17.2	18.8	220,014	22.6
50 - 99	1,743	7.9	11.2	12.3	121,485	12.5
100 - 499	1,650	7.4	31.1	34.0	332,014	34.1
500 - 999	164	0.7	11.2	12.3	112,634	11.5
1,000 and above	84	0.4	20.7	22.6	188,341	19.3

There was a total of 20,242 establishments (91.5 per cent) which employed 341,499 under less than 100 employment size group, whereas the contribution to gross output and total employment were RM28.4 billion (31.1 per cent) and 341,499 persons (35.1 per cent) respectively. In comparison, 1,898 establishments (8.5 per cent) in the employment size group of 100 and above contributed RM63.0 billion (68.9 per cent) to gross output and 632,989 persons (64.9 per cent) to total employment.

Table 7

Output per employee by types of construction activities, 2010

Types of construction activities	Gross output	Employment	Output per employee
	RM million	Number	RM
TOTAL	91,342	974,488	93,733
Buildings	47,409	508,858	93,167
Roads and railways	9,195	92,868	99,011
Utilities	5,978	61,214	97,651
Other civil engineering projects, except buildings	9,680	97,711	99,066
Demolition	34	281	119,828
Site preparation	1,133	13,561	83,562
Electrical installation	6,676	72,922	91,543
Plumbing, heat and air-conditioning installation	3,413	37,211	91,728
Other construction installation	1,072	9,618	111,435
Building completion and finishing activities	3,571	46,322	77,097
Other specialised construction activities	3,181	33,922	93,789

Average output per worker was RM93,733

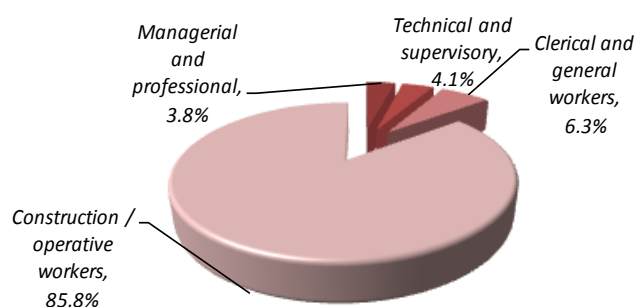
As shown in the table, output per employee was between RM77,097 to RM119,828. The highest output per worker was recorded in the demolition activity and the lowest was in the building completion and finishing activities.

7.3 Employment by category of workers

Chart 4 shows that out of 946,108 paid full time employees, 811,980 persons (85.8 per cent) were categorised as construction/operative workers. The managerial and professional group accounted for 35,616 persons (3.8 per cent), technical and supervisory 38,521 persons (4.1 per cent) while clerical and general workers were 59,991 persons (6.3 per cent).

Chart 4

Employment by category of paid full time employees, 2010



Total number of paid full time employees = 946,108 persons

7.4 Salaries & wages paid

Table 8 shows the distribution of salaries & wages of paid full time employees by category of workers. There were 811,980 persons (85.8 per cent) employed as construction/operative workers who received salaries & wages amounted to RM14.7 billion (74.6 per cent). Whereas, the managerial and professionals received salaries & wages amounting to RM2.5 billion (12.5 per cent) with 35,616 persons (3.8 per cent) of total paid full time employees. The average salaries & wages per annum for managerial and professionals was RM69,333. This was followed by the technical and supervisory (RM35,004), clerical (RM20,250), construction/operative workers (RM18,072) and general workers (RM18,484).

Table 8

Salaries & wages of paid full time employees by category of workers, 2010

Category of workers	Full-time employees		Salaries & wages		Average salaries & wages received per annum (RM)
	Number	% share	RM million	% share	
TOTAL	946,108	100.0	19,668	100.0	20,788
Managerial and professional	35,616	3.8	2,469	12.5	69,333
Technical and supervisory	38,521	4.1	1,348	6.9	35,004
Clerical	37,866	4.0	767	3.9	20,250
Construction/operative workers	811,980	85.8	14,674	74.6	18,072
General workers	22,125	2.3	409	2.1	18,484

8. Distribution by fixed assets size group

A total of 18,670 establishments (84.3 per cent) were classified in the fixed assets size group below RM0.5 million as shown in Table 9. However, their contributions to the gross output and the total fixed assets were only 32.9 per cent and 9.6 per cent respectively. Meanwhile, establishments in the RM0.5 million and less than RM10 million group accounted for 47.4 per cent of the gross output and 44.5 per cent of the total fixed assets. A total of 210 establishments (1.0 per cent) in the fixed assets size group RM10 million and above accounted for 19.7 per cent of gross output and 45.9 per cent of total fixed assets.

Table 9

Number of establishments, gross output and total fixed assets by fixed assets size group, 2010

Assets size group RM million	Establishment		Gross output		Total fixed assets	
	Number	% share	RM million	% share	RM million	% share
TOTAL	22,140	100.0	91,341	100.0	14,476	100.0
< 0.5	18,670	84.3	30,096	32.9	1,391	9.6
0.5 - < 10	3,260	14.7	43,267	47.4	6,443	44.5
10 and above	210	1.0	17,978	19.7	6,642	45.9

9. Women-owned establishments

9.1 Performance of women-owned establishments

As shown in Table 10, women-owned establishments in construction sector accounted for 1,371 establishments (6.2 per cent) and generated output of RM4.4 billion (4.8 per cent) of the total sector in 2010. They registered RM2.8 billion (4.7 per cent) of value of intermediate input, thus yielding the value added of RM1.5 billion (4.7 per cent). A total of 53,816 persons (5.5 per cent) were employed under this category out of the total persons engaged (974,488 persons), with salaries & wages paid of RM0.9 billion (4.5 per cent). Meanwhile, the value of fixed assets accumulated by this category was RM0.6 billion (4.1 per cent) as compared to the total fixed assets (RM14.5 billion) recorded during the census period.

Table 10

Key indicators of women-owned establishments in construction sector, 2010

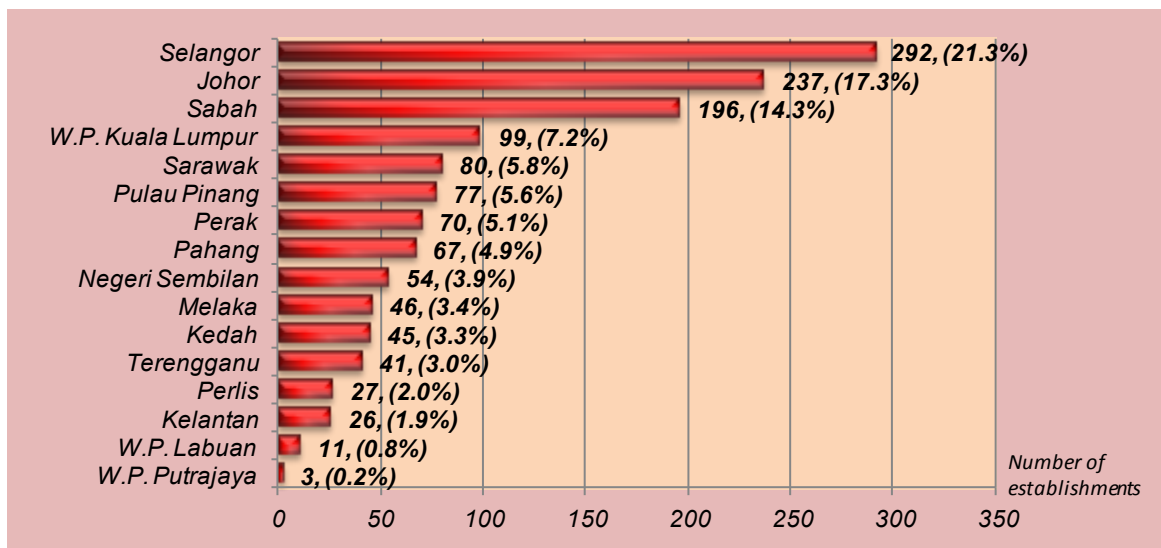
Key indicators	Total construction	Women-owned establishments	% share
Establishments (number)	22,140	1,371	6.2
Gross output (RM billion)	91.3	4.4	4.8
Value of intermediate input (RM billion)	59.4	2.8	4.7
Value added (RM billion)	31.9	1.5	4.7
Total persons engaged (number)	974,488	53,816	5.5
Salaries & wages (RM billion)	19.8	0.9	4.5
Value of fixed assets (RM billion)	14.5	0.6	4.1

9.2 Women-owned establishments by state of project location

Selangor had the largest number at 292 establishments (21.3 percent) out of the total women-owned establishments (1,371). Johor was next with 237 establishments (17.3 percent), while Sabah came out with 196 establishments (14.3 percent). As for the remaining states, they accounted for 646 establishments (47.1 percent). Refer Chart 5.

Chart 5

Women-owned establishments in construction sector by state of project location, 2010



BANCI EKONOMI *ECONOMIC CENSUS*
PEMBINAAN *CONSTRUCTION*

2011



NOTA TEKNIKAL / *TECHNICAL NOTES*



Objektif

Objektif utama Banci adalah untuk mengumpul maklumat tentang pertumbuhan, sumbangan, komposisi dan taburan output, nilai ditambah, guna tenaga dan pembolehubah lain bagi sektor pembinaan ini untuk membantu kerajaan dalam perancangan ekonomi dan penggubalan dasar. Maklumat tersebut boleh juga digunakan oleh pihak swasta serta individu bagi tujuan membuat analisis ekonomi.

Kuasa perundangan

Banci ini dilaksanakan di bawah Akta Perangkaan 1965 (Disemak 1989). Seksyen 5 di bawah Akta ini menghendaki mana-mana pertubuhan yang beroperasi di Malaysia untuk memberikan maklumat sebenar atau anggaran terbaik kepada Jabatan. Mengikut Akta ini, kandungan soal selidik adalah **sulit** dan hanya angka agregat diterbitkan.

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*.

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

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*.

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



Takrif pembinaan yang digunakan dalam banci ini berdasarkan kepada Klasifikasi Standard Perindustrian 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”*.

Tahun banci

Tahun banci merujuk kepada tahun pelaksanaan banci.

Tahun rujukan

Tahun rujukan bagi banci adalah tahun takwim 2010. Walau bagaimanapun, bagi pertubuhan yang tahun kewangannya berbeza dengan tahun takwim kurang daripada enam bulan, angka tahun kewangan diterima pakai sebagai mewakili tahun takwim.

Metodologi

Banci dilaksanakan secara mel dengan menggunakan borang soal selidik yang standard. Responden diberi tempoh satu bulan untuk melengkapkan dan mengembalikan borang soal selidik tersebut kepada Jabatan ini. Selepas itu, kerja luar dijalankan untuk memperoleh borang lengkap daripada pertubuhan yang tidak memberi jawapan.

Unit pelapor

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 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.



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.

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.

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.

Taraf sah

Taraf sah sesebuah pertubuhan ditakrifkan seperti berikut:

- i. **Hak milik perseorangan** merujuk kepada perniagaan yang dimiliki oleh orang perseorangan dan dijalankan semata-mata untuk mendapatkan keuntungan. Pemilik mempunyai hak mutlak untuk mengendalikan urusan pertubuhannya.
- ii. **Perkongsian** merujuk kepada sekumpulan individu yang telah bersetuju untuk mengkontrak dan menjalankan perniagaan dengan matlamat untuk mendapatkan keuntungan. Perniagaan tersebut diuruskan oleh mereka atau salah seorang daripada mereka bertindak mewakili semua pihak. Perkongsian perniagaan ini hendaklah mengandungi sekurang-kurangnya dua orang ahli dan tidak melebihi hak maksimum dua puluh orang.



- iii. **Syarikat sendirian berhad** merupakan sebuah perbadanan swasta yang ditubuhkan untuk menjalankan perniagaan dengan matlamat mencari keuntungan. Sahamnya dipegang secara tertutup oleh pemegang-pemegang saham yang mempunyai kawalan terhadap operasi syarikat. Ia didaftarkan dengan tanggungan berhad.

Sesebuah syarikat sendirian berhad mempunyai Memorandum dan Artikel Persatuan sendiri, yang antara lain:

- a. menghadkan hak untuk memindahkan sahamnya;
 - b. menghadkan bilangan pemegang sahamnya di antara dua hingga lima puluh orang (tidak termasuk pekerja syarikat itu dan bekas pekerja yang masih menjadi ahli)
 - c. melarang sebarang pelawaan kepada orang ramai untuk membeli apa-apa saham atau debentur syarikat itu; dan
 - d. melarang sebarang pelawaan kepada orang ramai supaya menyimpan wang di syarikat itu bagi sesuatu tempoh yang ditetapkan ataupun untuk dibayar bila dituntut, sama ada dengan faedah atau tidak.
- iv. **Syarikat awam berhad** juga merupakan sebuah perbadanan swasta yang ditubuhkan, dengan tanggungan berhad, oleh sekurang-kurangnya dua orang untuk menjalankan perniagaan dengan tujuan mencari keuntungan. Saham syarikat awam berhad dipegang secara terbuka dan bagi sesebuah syarikat yang disenaraikan di Bursa Saham, sahamnya boleh bertukar milik secara bebas. Syarikat tersebut dianggap sebagai entiti yang sah dan ditubuhkan mengikut Memorandum dan Artikel Persatuan.
- v. **Koperasi** merujuk kepada sesebuah persatuan sukarela yang bilangan ahlinya tidak terhad dan didaftarkan di bawah Akta Koperasi, 1993. Kumpulan wang yang ada adalah milik bersama untuk memenuhi keperluan ahlinya.



- vi. **Perbadanan awam** merujuk kepada sebuah perbadanan yang ditubuhkan di bawah Akta Parlimen atau Dewan Perundangan Negeri.
- vii. **Pertubuhan persendirian tidak mencari keuntungan** merujuk kepada syarikat tanpa saham yang ditubuhkan dengan tanggungan berhad. Kebanyakan syarikat ini terdiri daripada pertubuhan kebajikan, keagamaan, pendidikan, kesihatan, kebudayaan, rekreasi dan pertubuhan yang memberikan perkhidmatan sosial dan kemasyarakatan kepada isi rumah. Perkhidmatan diberikan secara percuma atau pada harga yang tidak melebihi kos perkhidmatan. Sebarang keuntungan yang diperoleh dilabur semula ke dalam pertubuhan berkenaan.
- viii. **Lain-lain** merujuk kepada semua pertubuhan lain yang tidak termasuk di mana-mana kategori yang tersebut di atas.

Hak milik

Hak milik sesebuah pertubuhan dikelaskan mengikut taraf residen pemilik atau pemilik-pemilik modal berbayar terbesar (melebihi 50 peratus) dan bukannya mengikut taraf kewarganegaraan mereka. Dalam kes di mana setiap pihak residen Malaysia dan bukan residen Malaysia) memegang bilangan saham yang sama dalam perniagaan berkenaan maka pertubuhan tersebut dikelaskan di bawah 'Hak milik bersama'.

Residen Malaysia ialah individu, enterpris atau organisasi lain yang lazimnya terletak di Malaysia untuk jangka masa sekurang-kurangnya satu tahun. Cawangan dan anak syarikat asing yang didaftarkan dan diperbadankan di Malaysia adalah dianggap sebagai residen Malaysia.

Bukan residen Malaysia ialah individu, enterpris atau organisasi lain yang lazimnya terletak di negara lain selain Malaysia. Cawangan dan anak syarikat milik residen Malaysia di luar negeri dianggap sebagai bukan residen Malaysia.



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; dan
- + Semua nilai output lain (seperti penerimaan perkhidmatan bukan perindustrian misalnya, bayaran pengurusan, sewa harta, dll.).

Nilai input perantaraan

Nilai input perantaraan 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);
- + Perbelanjaan penyelidikan dan pembangunan;
- + 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 perantaraan lain (termasuk kos latihan dan nilai pakaian percuma yang disediakan kepada pekerja).



Nilai ditambah

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

Jumlah pekerja

Jumlah 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 *regular*, 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.



- Gaji & upah yang dibayar** Merujuk kepada emolumen kasar yang dibayar kepada pekerja pada tahun 2010, termasuk gaji, upah, bonus, komisen, bayaran lebih masa dan elaun-elaun lain yang dibayar sebelum dipotong sumbangan pekerja untuk skim keselamatan sosial, KWSP, cukai pendapatan, insurans dan potongan lain.
- 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 2010 dan akhir tahun 2010 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.
- Perbelanjaan modal** Merujuk kepada pembelian harta tetap serta kos pindaan dan pembaikan besar kepada harta tetap sepanjang tahun rujukan.
- Pertubuhan milikan wanita** Ia merujuk kepada pertubuhan yang memiliki sekurang-kurangnya 51 peratus pemilikan ekuiti yang dipegang oleh wanita ATAU pemegang saham terbesar adalah wanita dan pertubuhan diuruskan oleh wanita ATAU Pengarah Urusan atau Ketua Pengarah Eksekutif adalah wanita yang memiliki sekurang-kurangnya 10 peratus ekuiti.
- Pengiraan purata pertumbuhan tahunan** Purata pertumbuhan tahunan (r) bagi sesuatu angkubah bagi tempoh setahun adalah seperti berikut:

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

Penyelesaian bagi r ,

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

Di mana,

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



Perbandingan data

Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 telah digunakan bermula daripada penyiasatan bagi tahun rujukan 2009. Banci bagi tahun rujukan 2005 menggunakan MSIC 2000.

Klasifikasi subsektor dan item (industri) di bawah MSIC 2008 adalah seperti berikut:

<u>Subsektor</u>	<u>Item (Industri)¹</u>
Kediaman	41001
Bukan kediaman	41002, 41003 dan 41009
Kejuruteraan awam	42101 - 42106, 42109, 42201 - 42207, 42209, 42901 - 42906, 42909
Pertukangan khas	43110, 43121 - 43126, 43129, 43211 - 43216, 43219, 43221 - 43229, 43291 - 43295, 43299, 43301 - 43307, 43309, 43901 - 43907, 43909

Sebanyak 7 industri di bawah klasifikasi subsektor kejuruteraan awam di bawah MSIC 2000, telah dipindahkan kepada subsektor pertukangan khas di bawah MSIC 2008. Bagi membuat perbandingan data bagi tahun rujukan 2010 kepada data 2005, data 2005 di dalam laporan ini telah diklasifikasikan semula dengan menggunakan MSIC 2008.

Pembundaran

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

¹ Hanya kod industri yang diberikan, untuk keterangan terperinci sila rujuk Lampiran 1 pada muka surat 95-101.



Simbol dan huruf ringkas

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

.	tiada
..	tidak berkaitan
>	lebih daripada
<	kurang daripada
RM	Ringgit Malaysia
W.P.	Wilayah Persekutuan
t.t.t.l.	tidak terkelas di tempat lain



Objective

The main objective of the Census is to collect information pertaining to growth, contribution, composition and distribution of the output, value added, employment and other variables of the construction sector to assist the government in economic planning and formulating policies. The data can also be used by the private sector and individuals for economic analysis.

Legal authority

*The Census was conducted under the Statistics Act 1965 (Revised 1989). Section 5 of this Act requires all establishments operating in Malaysia to provide actual information or best estimates to the Department. The Act stipulates that the contents of individual returns are **confidential** and only aggregated figures are published.*

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.

The main source of this census are companies registered with the Companies Commission of Malaysia (CCM), Construction Industry Development Board (CIDB) and local government authorities.

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”.

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



- Census year** *Census year refers to the year in which a census was conducted.*
- Reference year** *The reference year for the census is the calendar year 2010. However, for establishments whose accounting year differed by less than six months from the calendar year, the accounting or financial figures were accepted as representative of the data for the calendar year.*
- Methodology** *The census was primarily conducted by mail enquiry using a standard questionnaire. Respondents were given one month to complete and return the questionnaires to the Department. After that period, field enumeration was undertaken to obtain completed reports from the non-response establishments.*
- 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.*
- 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.*



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.

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.*



The legal organisation of an establishment has been defined as follows:

- i. **Individual proprietorship** refers to a business, owned and operated by one person for his own profit. The owner has the exclusive right to control the operations of the establishment.
- ii. **Partnership** refers to a group of individuals who agree to contract and to carry on a business with the objective of making a profit. The business is managed by all or any one acting for all parties. A trading partnership must comprise at least two members and should not exceed a maximum of twenty members.
- iii. **Private limited company** is a private corporation established to undertake a business with the objective of making a profit. The shares are closely held by shareholders of the corporation who has control over its operation. It is registered with limited liability.

A private limited company has its Memorandum and Articles of Association, which among others:

- a. restricts the right to transfer its shares;
 - b. limits the number of its shareholders between two to fifty (not including employees of the company and past employees who are currently members);
 - c. prohibits any invitation to the public to subscribe for any share or debenture of the company; and
 - d. prohibits any invitation to the public to deposit money with the company for fixed periods or payable at call with or without interest.
- iv. **Public limited company** is also a private corporation established, with limited liability, by a minimum of two persons to operate the business with the objective of making a profit. The shares in a public limited company are openly held and in the case of a company listed on the Stock Exchange, the shares are freely transferable. The company is regarded as a legal entity and is constituted by the Memorandum and Articles of Association.



- v. **Co-operative** refers to a voluntary association with an unrestricted number of members and registered under the Co-operatives Act 1993. Funds are collectively owned to meet the needs of the members.
- vi. **Public corporation** refers to a corporation set up under a special Act of Parliament or by the State Legislature.
- vii. **Private non-profit making organisation** is a non-stock company set up with limited liability. It comprises mainly welfare, religious, educational, health, cultural, recreational and other organisations providing social and community services to households. These services are provided free of charge or at prices, which do not necessarily or fully cover the cost of providing such services. Any profit made is re-invested in the organisation.
- viii. **Others** refer to all other establishments, which do not fall under any of the categories mentioned above.

Ownership

The ownership of an establishment is classified by the residential status of the owner (s) of the majority (more than 50 per cent) of the paid-up capital and not by their citizenship status. In instances where each party (Malaysian residents and non-Malaysian resident) held equal shares in the business, the establishments were classified under 'Joint ownership'.

A Malaysian resident is any individual, enterprise or other organisation ordinarily domiciled in Malaysia for a period of at least one year. Malaysian registered branches and Incorporated subsidiaries of foreign enterprises are regarded as Malaysian residents.

A Non-Malaysian resident is any individual, enterprise or other organisation ordinarily domiciled in a country other than Malaysia. Foreign branches and/or subsidiaries of Malaysian companies are regarded as non-residents.



Value of gross output

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

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.).*

Value of intermediate input

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

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);*
- + Research and development expenditure;*
- + 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).*

Value added

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.



Employment

Employment 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.*

Salaries & wages paid

This refers to gross emoluments paid to employees during 2010, inclusive of salaries, wages, bonuses, commission, overtime pay and other allowances before deduction of employees contribution to social security schemes, EPF, income tax, insurance or any other deductions.



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 2010 and end of 2010 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.

Capital expenditure

This refers to the purchases of fixed assets and cost of alteration and major repair to fixed assets during the year.

Women-owned establishment

Refers to the establishment with the at least 51 percent and above of the equity held by a woman / women OR largest shareholder are women and establishment run by women OR the Managing Director or Chief Executive Officer is a woman that owns at least 10 per cent of the equity.

Calculation of average annual growth

The average annual growth (r) in the value of a variable over the period of a year based on :

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

Solving for r ,

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

Where,

y_t	=	<i>Value at current year</i>
y_0	=	<i>Value at previous year</i>
t	=	<i>Number of years, $y_t - y_0$</i>
r	=	<i>Average annual growth</i>



Comparability of data

The Malaysia Standard Industrial Classification (MSIC) 2008 has been used starting from the survey for 2009 reference year while the census for 2005 reference year survey used MSIC 2000.

The sub-sectors and items (industry) classified under MSIC 2008 are as follows:

<u>Sub-sector</u>	<u>Item (Industry)¹</u>
Residential	41001
Non-residential	41002, 41003 and 41009
Civil engineering	42101 - 42106, 42109, 42201 - 42207, 42209, 42901 - 42906, 42909
Special trades	43110, 43121 - 43126, 43129, 43211 - 43216, 43219, 43221 - 43229, 43291 - 43295, 43299, 43301 - 43307, 43309, 43901 - 43907, 43909

There were 7 industries which was under civil engineering sub-sector classified in MSIC 2000, have been moved to special trades sub-sector in MSIC 2008. In order to make the 2010 and 2005 reference year data comparable, the 2005 data in this report has been reclassified to use MSIC 2008.

Rounding

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

¹ Only industry codes are given here, for detail description please refer to Appendix 1 on page 95-101.



Symbols and notations

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

.	<i>nil</i>
..	<i>not applicable</i>
>	<i>greater than</i>
<	<i>less than</i>
RM	<i>Ringgit Malaysia</i>
W.P.	<i>Wilayah Persekutuan</i>
n.e.c.	<i>not elsewhere classified</i>

BANCI EKONOMI *ECONOMIC CENSUS*
PEMBINAAN *CONSTRUCTION*

2011



JADUAL-JADUAL / *TABLES*

Jadual 1: Perangkaan utama sektor pembinaan, 2000 - 2010
Table 1: Principal statistics of construction sector, 2000 - 2010

Tahun Year	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)
2010*	22,140	91,341,685	59,400,380	31,941,305	974,488	19,841,387	14,476,140
2009	5,764	70,599,755	49,364,553	21,235,202	602,694	13,966,992	9,359,441
2007	5,543	60,715,626	42,617,107	18,098,519	595,139	12,956,935	8,395,256
2005*	10,347	53,960,259	36,987,048	16,973,211	551,755	10,867,665	7,486,517
2004	4,450	45,775,525	31,773,391	14,002,134	449,944	9,284,764	6,623,488
2002	4,328	41,755,583	28,361,130	13,394,453	455,663	9,108,167	6,152,177
2000	5,068	39,872,025	26,647,632	13,224,393	458,580	8,722,298	6,688,178

Nota : (*) Merujuk kepada Banci
Note : Refer to Census

Jadual 2: Perangkaan utama sektor pembinaan mengikut industri, 2010

Table 2: Principal statistics of construction sector by industry, 2010

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		22,140	91,341,685	59,400,380	31,941,305	974,488	19,841,387	14,476,140
Pembinaan bangunan kediaman <i>Residential buildings</i>	41001	3,989	20,362,175	13,213,132	7,149,043	223,163	4,565,132	2,855,820
Pembinaan bangunan bukan kediaman <i>Non-residential buildings</i>		4,970	27,046,849	17,611,228	9,435,621	285,695	5,890,530	3,747,716
Bangunan bukan kediaman <i>Non-residential buildings</i>	41002	4,019	23,025,140	15,092,703	7,932,437	245,346	5,032,712	3,141,478
Pemasangan dan pendirian bangunan pasang siap di tapak pembinaan <i>Assembly and erection of prefabricated constructions on the site</i>	41003	89	817,165	503,149	314,016	9,215	197,631	35,983
Pembinaan bangunan t.t.t.l. <i>Construction of buildings n.e.c.</i>	41009	862	3,204,544	2,015,376	1,189,168	31,134	660,187	570,255
Kejuruteraan awam <i>Civil engineering</i>		4,740	24,852,448	16,346,300	8,506,148	251,793	5,228,907	3,861,250
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	504	3,926,641	2,499,942	1,426,699	39,015	878,685	568,493

Jadual 2: Perangkaan utama sektor pembinaan mengikut industri, 2010 (samb.)

Table 2: Principal statistics of construction sector by industry, 2010 (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, lebuhraya, jambatan atau terowong <i>Surface work on streets, roads, highways, bridges or tunnels</i>	42102	1,039	3,167,806	2,118,407	1,049,399	34,559	646,689	482,469
Pembinaan jambatan termasuk untuk lebuhraya bertingkat <i>Construction of bridges, including those for elevated highways</i>	42103	74	555,136	363,775	191,361	5,429	92,905	93,484
Pembinaan terowong <i>Construction tunnels</i>	42104	3	57,171	35,589	21,582	416	11,728	14,006
Pembinaan landasan kereta api dan laluan bawah tanah <i>Construction of railways and subways</i>	42105	8	762,306	526,061	236,245	5,547	110,101	68,492
Pembinaan landasan lapangan terbang <i>Construction of railways/ airports runways</i>	42106	149	725,901	455,007	270,894	7,902	134,561	253,350
Pembinaan jalan raya dan landasan kereta api t.t.t.l. <i>Construction of roads and railways n.e.c</i>	42109							
Saluran paip jarak jauh, talian komunikasi dan kuasa <i>Long-distance pipelines, communication</i>	42201	160	2,222,831	1,446,951	775,880	22,404	542,582	187,228
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	264	1,454,074	920,012	534,062	15,807	326,000	170,147

Jadual 2: Perangkaan utama sektor pembinaan mengikut industri, 2010 (samb.)

Table 2: Principal statistics of construction sector by industry, 2010 (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 punca dan saluran air <i>Water main and line construction</i>	42203	219	689,229	448,136	241,093	7,611	157,719	117,783
Loji takungan/Reservoirs	42204	12	39,898	26,321	13,577	422	7,411	1,592
Pembinaan sistem pengairan (terusan) <i>Construction of irrigation systems (canals)</i>	42205	154	250,071	162,966	87,105	3,232	50,926	32,084
Pembinaan sistem pembetungan (termasuk pembaikan) dan loji pelupusan sisa kumbahan <i>Construction of sewer systems (including repair) and sewage disposal plants</i>	42206	126	1,086,050	765,498	320,552	9,408	202,773	90,625
Pembinaan janakuasa <i>Construction of power plants</i>	42207	6	92,819	58,285	34,534	610	20,827	9,795
Pembinaan projek utiliti t.t.t.l. <i>Construction of utility projects n.e.c</i>	42209	73	142,638	87,586	55,052	1,720	32,195	20,743
Pembinaan loji penapisan <i>Construction of refineries</i>	42901	9	157,244	85,576	71,668	1,681	40,896	11,951
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	159	788,285	529,409	258,876	8,291	149,491	86,347
Pembinaan empangan dan daik <i>Construction of dams and dykes</i>	42903	34	273,046	194,498	78,548	2,548	50,300	31,413
Penggalian laluan air <i>Dredging waterways</i>	42904	26	41,300	31,926	9,374	351	5,271	4,483

Jadual 2: Perangkaan utama sektor pembinaan mengikut industri, 2010 (samb.)

Table 2: Principal statistics of construction sector by industry, 2010 (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	45	179,533	109,235	70,298	1,872	36,596	13,380
Pembahagian tanah berserta dengan penambahbaikan tanah <i>Land subdivision with land improvement</i>	42906	24	53,838	33,016	20,822	592	12,810	12,432
Pembinaan projek kejuruteraan awam t.t.t.l. <i>Construction of other engineering projects n.e.c</i>	42909	1,652	8,186,631	5,448,104	2,738,527	82,376	1,718,441	1,590,953
Aktiviti pembinaan pertukangan khas <i>Specialized construction activities</i>		8,441	19,080,213	12,229,720	6,850,493	213,837	4,156,818	4,011,354
Perobohan atau peranapan bangunan dan struktur lain <i>Demolition or wrecking of buildings and other structures</i>	43110	7	33,672	22,024	11,648	281	6,861	21,241
Pembersihan tapak bangunan <i>Clearing of building sites</i>	43121	13	12,117	6,465	5,652	222	4,140	1,339
Pengalihan tanah <i>Earth moving</i>	43122	419	624,182	353,638	270,544	8,408	162,082	189,441
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	32	115,620	64,801	50,819	1,088	24,802	81,836
Penyediaan tapak bagi perlombongan <i>Site preparation for mining</i>	43124							

Jadual 2: Perangkaan utama sektor pembinaan mengikut industri, 2010 (samb.)

Table 2: Principal statistics of construction sector by industry, 2010 (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	20	27,250	15,467	11,783	338	4,324	21,407
Kerja penebusgunaan tanah <i>Land reclamation work</i>	43126	19	143,618	89,973	53,645	1,170	26,034	109,011
Aktiviti penyediaan tapak lain t.t.t.l. <i>Other site preparation activities n.e.c</i>	43129	62	210,401	143,179	67,222	2,335	42,585	33,469
Pendawaian dan pemasangan elektrik <i>Electrical wiring and fittings</i>	43211	1,956	5,442,317	3,561,767	1,880,550	59,918	1,167,070	909,498
Pendawaian telekomunikasi <i>Telecommunications wiring</i>	43212	83	133,934	82,233	51,701	1,756	30,337	30,393
Pendawaian rangkaian computer dan kabel televisyen <i>Computer network and cable television wiring</i>	43213	17	33,895	22,633	11,262	426	7,397	3,731
Sistem pencahayaan <i>Lighting systems</i>	43215	21	36,808	26,661	10,147	458	6,547	4,740
Sistem keselamatan <i>Security systems</i>	43216	76	497,315	332,896	164,419	5,052	117,216	102,953
Pemasangan elektrik t.t.t.l. <i>Electrical installation n.e.c</i>	43219	206	531,265	351,604	179,661	5,312	111,321	59,266

Jadual 2: Perangkaan utama sektor pembinaan mengikut industri, 2010 (samb.)

Table 2: Principal statistics of construction sector by industry, 2010 (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	14	75,251	38,086	37,165	1,190	30,063	8,649
Pemasangan relau, menara pendinginan <i>Installation of furnaces and cooling towers</i>	43222	3	8,894	4,463	4,431	119	2,898	2,156
Pemasangan pengumpul tenaga solar bukan elektrik <i>Installation of non-electric solar energy collector</i>	43223	12	21,371	13,975	7,396	268	5,548	1,623
Pemasangan sistem paip dan peralatan sanitasi <i>Installation of plumbing and sanitary equipments</i>	43224	572	1,031,723	657,968	373,755	12,416	225,658	172,940
Pemasangan peralatan dan saluran pengudaraan, penyejukan dan pendinginan udara <i>Installation of ventilation, refrigeration or air-conditioning equipments and ducts</i>	43225	794	1,697,720	1,108,760	588,960	17,414	341,687	200,587
Pemasangan kelengkapan gas <i>Installation of fittings</i>	43226	18	91,903	57,792	34,111	950	23,127	11,029
Pemasangan sistem perenjis air untuk kebakaran dan padang <i>Installation of fire and lawn sprinkler systems</i>	43227	78	409,260	275,628	133,632	4,050	89,651	46,929

Jadual 2: Perangkaan utama sektor pembinaan mengikut industri, 2010 (samb.)

Table 2: Principal statistics of construction sector by industry, 2010 (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 paip untuk wap <i>Steam piping</i>	43228	5	8,108	4,580	3,528	107	2,164	17,995
Pemasangan sistem paip, pemanasan dan pendinginan udara t.t.t.l. <i>Plumbing, heat and air-conditioning installation n.e.c</i>	43229	50	69,042	42,043	26,999	697	15,655	17,132
Pemasangan lif, eskalator dalam bangunan atau projek pembinaan lain <i>Installation of elevators, escalator in buildings or other construction projects</i>	43291	33	692,321	460,405	231,916	5,589	141,225	34,398
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	12	38,242	22,255	15,987	471	9,128	1,837
Pemasangan konduktor kilat dalam bangunan atau projek pembinaan lain <i>Installation of lightning conductors in buildings or other construction projects</i>	43293	12	116,626	69,110	47,516	1,198	27,538	8,767
Pemasangan system 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							
Pemasangan pembinaan lain t.t.t.l. <i>Other construction installation n.e.c</i>	43299	105	224,591	146,391	78,200	2,360	44,516	37,224

Jadual 2: Perangkaan utama sektor pembinaan mengikut industri, 2010 (samb.)

Table 2: Principal statistics of construction sector by industry, 2010 (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	302	416,390	257,361	159,029	5,605	98,573	81,997
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	566	955,984	590,602	365,382	12,054	217,749	240,515
Mengecat dalam dan luar bangunan <i>Interior and exterior painting of buildings</i>	43303	562	457,575	278,547	179,028	7,014	112,986	56,727
Mengecat struktur kejuruteraan awam <i>Painting of civil engineering structures</i>	43304	29	54,454	30,560	23,894	789	15,901	8,136
Pemasangan kaca, cermin <i>Installation of glass, mirrors</i>	43305	190	386,923	254,917	132,006	4,149	75,864	87,504
Penyiapan dalam bangunan <i>Interior completion</i>	43306	589	744,963	481,448	263,515	9,026	159,723	94,384
Pembersihan bangunan baru selepas kerja pembinaan <i>Cleaning of new buildings after construction</i>	43307	25	35,705	20,084	15,621	543	9,066	6,949
Penyiapan dan kemasan bangunan lain t.t.t.l. <i>Other building completion and finishing work n.e.c</i>	43309	368	519,274	325,063	194,211	7,142	117,324	103,826

Jadual 2: Perangkaan utama sektor pembinaan mengikut industri, 2010 (samb.)

Table 2: Principal statistics of construction sector by industry, 2010 (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	225	1,284,509	845,069	439,440	11,846	263,363	226,807
Pembinaan elemen keluli yang bukan dibuat sendiri <i>Erection of non-self-manufactured steel elements</i>	43902	31	73,396	47,389	26,007	983	15,659	17,835
Memasang dan membuka semula perancah dan platform kerja <i>Scaffolds and work platform erecting and dismantling</i>	43903	7	19,413	13,921	5,492	165	2,561	6,180
Kerja mengikat dan menyusun bata <i>Bricklaying and stone setting</i>	43904	11	35,533	22,977	12,556	495	9,394	3,785
Pembinaan kolam renang luar bangunan <i>Construction of outdoor swimming pools</i>	43905	11	18,397	13,044	5,353	196	3,662	1,991
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	9	6,045	3,566	2,479	120	1,401	1,985
Penyewaan jentera dan peralatan pembinaan dengan operator (cth. kren) <i>Renting of construction machinery and equipment with operator (e.g. cranes)</i>	43907	140	172,549	82,373	90,176	2,291	42,428	150,539
Aktiviti pembinaan pertukangan khas lain t.t.t.l. <i>Other specialized construction activities, n.e.c</i>	43909	737	1,571,657	988,002	583,655	17,826	341,590	792,603

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: Perangkaan utama sektor pembinaan mengikut negeri lokasi projek, 2010

Table 3.1: Principal statistics of construction sector by state of project location, 2010

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	22,140	91,341,685	59,400,380	31,941,305	974,488	19,841,387	14,476,140
Johor	2,666	8,931,622	5,851,587	3,080,035	90,070	1,809,580	1,542,356
Kedah	610	1,598,808	1,087,857	510,951	19,843	331,745	227,775
Kelantan	330	1,207,699	851,671	356,028	14,790	227,198	167,911
Melaka	661	1,855,681	1,274,132	581,549	17,139	317,128	246,242
Negeri Sembilan	1,051	2,332,429	1,528,175	804,254	27,404	514,717	321,331
Pahang	800	2,387,818	1,470,845	916,973	27,236	607,829	327,015
Perak	1,976	4,390,258	2,756,654	1,633,604	55,053	1,165,241	610,366
Perlis	225	505,088	323,789	181,299	6,845	128,467	29,795
Pulau Pinang	1,197	5,248,097	3,482,340	1,765,757	55,408	1,123,914	660,772
Sabah	1,299	7,416,361	4,939,223	2,477,138	89,862	1,561,789	1,051,717
Sarawak	1,132	6,582,442	4,083,683	2,498,759	93,600	1,540,466	1,192,249
Selangor	6,980	28,278,955	18,481,858	9,797,097	282,540	6,008,877	4,775,578
Terengganu	722	2,352,676	1,537,456	815,220	28,313	542,013	291,030
W.P. Kuala Lumpur	2,339	16,052,805	10,332,831	5,719,974	147,116	3,472,643	2,673,484
W.P. Labuan	88	260,143	176,687	83,456	2,526	45,664	41,132
W.P. Putrajaya	64	1,940,803	1,221,592	719,211	16,743	444,116	317,387

Jadual 3.2: Nilai kerja pembinaan mengikut negeri, 2010
Table 3.2: Value of construction work done by state, 2010

(RM '000)

Negeri mengikut alamat pos pertubuhan State based on establishment's mailing address	Bilangan pertubuhan/ Number of establishments	Nilai kerja pembinaan mengikut negeri lokasi projek/Value of construction work done by project location state																	
		JUMLAH TOTAL	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	22,140	90,119,692	8,953,695	1,746,304	1,169,335	1,886,364	2,726,707	2,500,477	4,368,895	531,033	4,967,435	7,221,891	6,445,097	27,844,739	2,496,511	15,413,038	311,043	1,537,130	
Johor	2,610	6,329,544	6,041,110	16,578	16,723	65,596	18,041	36,601	24,422	-	10,351	6,634	1,000	42,845	17,456	25,157	-	7,029	
Kedah	628	1,924,135	6,747	1,314,642	22,976	18,003	872	6,342	45,882	103,602	121,843	8,400	150	141,411	1,353	131,025	-	888	
Kelantan	319	864,303	331	-	744,815	13,482	20,981	43	3,439	1,719	-	-	-	12,193	45,415	21,884	-	-	
Melaka	608	1,288,805	78,093	-	-	1,129,196	35,536	8,731	2,991	-	952	-	-	9,298	-	24,009	-	-	
Negeri Sembilan	1,019	2,608,438	669,855	1,760	1,054	19,831	1,515,561	60,592	3,980	321	39,836	152	1,596	104,702	1,018	178,362	340	9,479	
Pahang	723	1,702,349	2,510	16,921	1,498	82	2,070	1,479,850	696	-	2,585	-	70,049	19,776	59,338	44,493	-	2,483	
Perak	1,875	3,174,311	26,990	11,791	10,101	10,154	26,541	16,459	3,026,891	4,729	11,867	-	-	16,167	3,481	9,140	-	-	
Perlis	207	380,005	-	2,871	-	-	-	-	-	375,259	1,875	-	-	-	-	-	-	-	
Pulau Pinang	1,181	4,178,583	17,775	126,709	2,702	1,151	47,266	50,175	53,046	7,784	3,674,319	747	8,063	66,859	42,130	79,855	-	-	
Sabah	1,284	5,428,600	-	-	-	-	-	-	248	-	-	5,362,009	21,940	2,310	2,211	1,200	38,683	-	
Sarawak	1,128	6,111,816	3,120	12,502	-	-	36,483	980	-	-	-	231,473	5,792,269	5,666	-	15,585	4,674	9,065	
Selangor	7,158	29,649,853	981,495	78,408	162,121	202,723	382,068	253,514	338,781	11,155	221,852	1,389,577	55,546	20,535,054	252,788	3,828,118	13,161	943,490	
Terengganu	685	2,055,336	141,418	1,993	50,722	87,957	17,973	16,988	18,355	-	-	-	12,288	80,822	1,566,683	45,160	5,488	9,489	
W.P. Kuala Lumpur	2,627	23,262,029	969,832	162,129	156,623	288,082	623,315	514,457	850,164	26,464	845,121	222,899	482,196	6,417,672	504,638	10,895,081	53,950	249,405	
W.P. Labuan	83	196,983	-	-	-	2,236	-	-	-	-	-	-	-	-	-	-	194,747	-	
W.P. Putrajaya	5	964,604	14,419	-	-	47,871	-	55,745	-	-	36,834	-	-	389,964	-	113,969	-	305,802	

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: Perangkaan utama sektor pembinaan mengikut taraf sah, 2010

Table 4: Principal statistics in construction sector by legal organisation, 2010

Taraf sah <i>Legal organisation</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	22,140	91,341,685	59,400,380	31,941,305	974,488	19,841,387	14,476,140
Hak milik perseorangan <i>Individual proprietorship</i>	10,212	5,479,011	3,271,439	2,207,572	106,013	1,274,697	878,573
Perkongsian <i>Partnership</i>	1,693	2,475,997	1,518,002	957,995	36,712	558,123	291,277
Syarikat sendirian berhad <i>Private limited company</i>	10,139	80,880,805	52,993,154	27,947,651	810,441	17,546,201	12,743,500
Syarikat awam berhad <i>Public limited company</i>	41	2,417,303	1,623,871	793,432	20,309	442,248	523,120
Syarikat Koperasi <i>Co-operative</i>	44	21,443	13,504	7,939	438	4,995	15,966
Perbadanan awam <i>Public corporation</i>	8	59,863	35,474	24,389	497	13,537	22,695
Lain - lain <i>Others</i>	3	7,263	4,936	2,327	78	1,586	1,009

Jadual 5: Perangkaan utama sektor pembinaan mengikut hak milik, 2010

Table 5: Principal statistics in construction sector by ownership, 2010

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	22,140	91,341,685	59,400,380	31,941,305	974,488	19,841,387	14,476,140
Residen Malaysia <i>Malaysian residents</i>	22,119	90,363,603	58,752,273	31,611,330	965,725	19,649,542	14,359,603
Bukan residen Malaysia <i>Non-Malaysian residents</i>	18	898,742	597,382	301,360	8,177	178,613	110,801
Hak milik bersama <i>Joint ownership</i>	3	79,340	50,725	28,615	586	13,232	5,736

Jadual 6: Perangkaan utama sektor pembinaan mengikut kumpulan saiz output, 2010

Table 6: Principal statistics in construction sector by outputsize group, 2010

Kumpulan saiz output <i>Output size group</i>	Bilangan <i>Number of</i> pertubuhan <i>establishments</i>	Nilai output <i>Value of</i> kasar <i>gross output</i>	Nilai input <i>Value of</i> perantaraan <i>intermediate</i> <i>input</i>	Nilai <i>Value</i> ditambah <i>added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of</i> <i>persons engaged</i> <i>during December or</i> <i>the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &</i> <i>wages paid</i>	Nilai harta tetap dimiliki pada akhir tahun <i>Value of fixed</i> <i>assets owned as at</i> <i>the end of the year</i>
(RM'000)		(RM'000)	(RM'000)	(RM'000)		(RM'000)	(RM'000)
Jumlah/Total	22,140	91,341,685	59,400,380	31,941,305	974,488	19,841,387	14,476,140
Kurang daripada 500 <i>Below</i>	11,754	2,240,304	1,232,989	1,007,316	65,935	551,435	491,843
500 - < 1,000	1,724	1,301,022	745,001	556,020	26,692	351,382	274,165
1,000 - < 5,000	5,258	12,712,940	7,914,087	4,798,853	163,114	2,944,472	2,830,058
5,000 - < 10,000	1,647	11,580,633	7,477,409	4,103,224	126,758	2,479,505	2,114,973
10,000 - < 15,000	622	7,546,932	4,911,768	2,635,164	76,224	1,609,494	1,603,000
15,000 - < 20,000	332	5,729,474	3,737,063	1,992,411	60,282	1,249,809	1,090,477
20,000 - < 25,000	181	4,089,437	2,662,250	1,427,187	40,760	887,300	612,748
25,000 - < 30,000	129	3,562,322	2,352,754	1,209,568	34,423	757,288	539,668
30,000 - < 50,000	236	8,915,484	5,781,791	3,133,693	86,487	1,893,647	1,138,808
50,000 - < 100,000	159	10,947,434	7,231,553	3,715,881	97,711	2,296,927	1,375,475
100,000 - dan lebih <i>and above</i>	98	22,715,703	15,353,715	7,361,988	196,102	4,820,128	2,404,925

Jadual 7: Perangkaan utama sektor pembinaan mengikut kumpulan saiz pekerja, 2010

Table 7: Principal statistics of construction sector by employment size group, 2010

Kumpulan saiz pekerja <i>Employment size group</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	22,140	91,341,685	59,400,380	31,941,305	974,488	19,841,387	14,476,140
Di bawah 5 <i>Below</i>	5,268	685,120	382,882	302,238	16,667	142,798	185,603
5 - 9	5,647	1,613,431	938,802	674,629	36,025	345,486	321,021
10 - 19	3,866	4,370,457	2,797,886	1,572,571	53,445	879,038	1,276,157
20 - 49	3,718	10,518,259	6,737,074	3,781,185	113,877	2,218,210	1,873,254
50 - 199	2,750	24,136,894	15,547,819	8,589,075	261,539	5,342,339	4,802,960
200 - 499	643	18,155,162	11,693,328	6,461,834	191,960	4,006,111	2,605,527
500 dan lebih <i>and above</i>	248	31,862,362	21,302,589	10,559,773	300,975	6,907,405	3,411,618

Jadual 8: Perangkaan utama sektor pembinaan mengikut kumpulan saiz harta tetap, 2010

Table 8: Principal statistics of construction sector by fixed assets size group, 2010

Kumpulan saiz harta tetap <i>Fixed assets size group</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantara <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	22,140	91,341,685	59,400,380	31,941,305	974,488	19,841,387	14,476,140
Kurang daripada 10 <i>Below</i>	6,155	3,756,302	2,357,284	1,399,018	65,495	870,206	12,662
10 - < 50	5,819	4,624,437	2,911,951	1,712,485	69,257	1,048,449	151,721
50 - < 100	2,330	4,345,086	2,751,771	1,593,315	55,421	1,002,816	167,442
100 - < 200	1,945	5,232,820	3,388,024	1,844,796	64,320	1,179,244	275,908
200 - < 500	2,421	12,137,743	7,983,247	4,154,496	130,180	2,639,473	783,067
500 - < 1,000	1,292	9,575,219	6,271,906	3,303,313	102,402	2,060,035	924,109
1,000 - < 2,000	958	10,629,893	6,877,320	3,752,573	109,589	2,338,020	1,354,855
2,000 - < 5,000	742	15,693,568	10,287,060	5,406,507	154,456	3,472,353	2,327,460
5,000 - < 10,000	268	7,368,483	4,828,012	2,540,472	69,557	1,546,961	1,836,160
10,000 - < 50,000	184	12,230,075	7,987,449	4,242,626	108,415	2,578,971	3,637,292
50,000 - dan lebih <i>and above</i>	26	5,748,059	3,756,356	1,991,704	45,396	1,104,860	3,005,463

Jadual 9: Nilai kerja pembinaan yang dibuat mengikut jenis binaan, 2010

Table 9: Value of construction work done by type of construction, 2010

(RM'000)

Jenis binaan <i>Type of construction</i>	Jumlah <i>Total</i>	Jumlah / Total		Kerajaan / Government		Persendirian / Private	
		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	90,119,692	84,487,377	5,632,315	24,024,297	2,663,670	60,463,080	2,968,648
Bangunan kediaman <i>Residential buildings</i>	20,209,285	19,522,812	686,472	2,353,975	284,004	17,168,837	402,468
Bangunan perindustrian <i>Industrial buildings</i>	4,849,044	4,720,381	128,663	634,410	15,867	4,085,971	112,796
Pejabat dan bangunan perniagaan <i>Office and commercial buildings</i>	13,004,971	12,598,389	406,582	3,396,098	126,922	9,202,290	279,661
Sekolah dan bangunan pelajaran lain <i>Schools and other educational buildings</i>	4,056,055	3,879,913	176,142	3,460,503	161,349	419,410	14,794
Hospital dan bangunan lain untuk perkhidmatan kesihatan <i>Hospitals and other buildings for health services</i>	1,000,421	949,566	50,855	682,672	33,184	266,894	17,671
Bangunan lain/Other buildings	5,142,238	4,646,855	495,383	1,488,774	252,696	3,158,081	242,687
Pembinaan jalan, jambatan, terowong, jejambat lebuh raya, lebuh raya bertingkat, landasan kereta api (termasuk terowong kereta api) <i>Construction of roads, bridges, tunnels, via ducts highways, elevated highway, railways (including railway tunnels)</i>	9,482,241	8,545,265	936,976	5,335,997	752,318	3,209,268	184,659
Pembinaan empangan, sistem pengairan, sistem saliran dan pembentungan, saluran paip dsb <i>Construction of dams, irrigation system, drainage and sewage system, pipelines etc</i>	5,460,544	5,095,386	365,158	1,662,125	200,942	3,433,261	164,216
Komunikasi dan talian kuasa <i>Communication and power lines</i>	2,776,234	2,518,490	257,744	1,276,822	187,960	1,241,668	69,784
Kemudahan sukan termasuk stadium, padang golf, dsb. <i>Sports facilities including stadium, golf course, etc.</i>	263,293	245,877	17,415	125,296	5,891	120,581	11,524
Kerja kejuruteraan awam lain <i>Other civil engineering work</i>	7,693,881	6,944,550	749,331	1,459,451	251,225	5,485,099	498,106
Pertukangan khas/Special trades	16,181,485	14,819,892	1,361,593	2,148,173	391,312	12,671,719	970,282

Jadual 10: Pekerja, gaji & upah dalam sektor pembinaan mengikut kategori pekerja, 2010

Table 10: Employment, salaries & wages in construction sector by category of workers, 2010

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)	974,488	921,265	53,223	19,841,387
A. Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji <i>Total working proprietors and unpaid family workers</i>	13,997	12,964	1,033	..
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietors and active business partners</i>	13,196	12,392	804	..
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>	801	572	229	..
B. Jumlah pekerja bergaji (sepenuh masa)/Total paid employees (full-time)	946,108	894,712	51,396	19,667,684
Pengurusan dan profesional/Managerial and professional	35,616	27,562	8,054	2,469,369
Teknik dan penyeliaan (cth. juruteknik, pelukis pelan, dll.) <i>Technical and supervisory (e.g. technicians, draughtman, etc.)</i>	38,521	34,776	3,745	1,348,390
Perkeranian dan pekerjaan yang berkaitan (cth. Kerani, jurutaip, jurutrengkas, setiausaha sulit, pegawai jualan dll.) <i>Clerical and related occupations (e.g. clerks, typists, stenographers, personal secretaries, sales personnel etc.)</i>	37,866	7,092	30,774	766,805
Pekerja am (cth. pemandu, konduktor, operator telefon, pelayan pejabat, pengawal keselamatan, dll.) <i>General workers (e.g drivers, conductors, telephone operators, office boys, security guards, etc.)</i>	22,125	18,234	3,891	408,964
Pekerja binaan / operatif diambil bekerja secara langsung <i>Construction / operative workers directly employed</i>				
(i) Mahir/Skilled	210,807	209,412	1,395	4,111,343
(ii) Tidak mahir/Unskilled	153,455	151,743	1,712	2,257,281
Pekerja binaan / operatif diambil bekerja melalui kontraktor buruh <i>Construction / operative workers employed through labour contractors</i>				
(i) Mahir/Skilled	233,565	233,184	381	5,067,742
(ii) Tidak mahir/Unskilled	214,153	212,709	1,444	3,237,791
C. Jumlah pekerja bergaji (sambilan)/Total employees (part-time)	14,383	13,589	794	173,703

Jadual 10.1: Pekerja, gaji & upah dalam subsektor pembinaan tempat kediaman mengikut kategori pekerja, 2010

Table 10.1: Employment, salaries & wages in the residential construction sub-sector by category of workers, 2010

Kategori pekerja <i>Category of workers</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir			Gaji & upah yang dibayar <i>Salaries & wages paid</i>
	<i>Total number of persons engaged during December or the last pay period</i>			
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	(RM'000)
Jumlah (A+B+C) / Total (A+B+C)	223,163	212,590	10,573	4,565,132
A. Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji <i>Total working proprietors and unpaid family workers</i>	2,461	2,268	193	..
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietors and active business partners</i>	2,312	2,160	152	..
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>	149	108	41	..
B. Jumlah pekerja bergaji (sepenuh masa)/Total paid employees (full-time)	217,315	207,104	10,211	4,526,829
Pengurusan dan profesional/Managerial and professional	6,790	5,166	1,624	486,682
Teknik dan penyeliaan (cth. juruteknik, pelukis pelan, dll.) <i>Technical and supervisory (e.g. technicians, draughtman, etc.)</i>	6,991	6,176	815	259,654
Perkeranian dan pekerjaan yang berkaitan (cth. Kerani, jurutaip, jurutrenkas, setiausaha sulit, pegawai jualan dll.) <i>Clerical and related occupations (e.g. clerks, typists, stenographers, personal secretaries, sales personnel etc.)</i>	7,495	1,482	6,013	162,297
Pekerja am (cth. pemandu, konduktor, operator telefon, pelayan pejabat, pengawal keselamatan, dll.) <i>General workers (e.g drivers, conductors, telephone operators, office boys, security guards, etc.)</i>	3,802	3,031	771	74,136
Pekerja binaan / operatif diambil bekerja secara langsung <i>Construction / operative workers directly employed</i>				
(i) Mahir/Skilled	44,955	44,806	149	911,365
(ii) Tidak mahir/Unskilled	33,362	33,036	326	513,788
Pekerja binaan / operatif diambil bekerja melalui kontraktor buruh <i>Construction / operative workers employed through labour contractors</i>				
(i) Mahir/Skilled	56,138	56,034	104	1,240,813
(ii) Tidak mahir/Unskilled	57,782	57,373	409	878,093
C. Jumlah pekerja bergaji (sambilan)/Total employees (part-time)	3,387	3,218	169	38,303

Jadual 10.2: Pekerja, gaji & upah dalam subsektor pembinaan bukan tempat kediaman mengikut kategori pekerja, 2010

Table 10.2: Employment, salaries & wages in the non-residential construction sub-sector by category of workers, 2010

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)	285,695	271,236	14,459
A. Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji <i>Total working proprietors and unpaid family workers</i>	2,849	2,658	191	..
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietors and active business partners</i>	2,645	2,518	127	..
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>	204	140	64	..
B. Jumlah pekerja bergaji (sepenuh masa)/Total paid employees (full-time)	279,094	264,982	14,112	5,849,048
Pengurusan dan profesional/Managerial and professional	9,638	7,352	2,286	692,712
Teknik dan penyeliaan (cth. juruteknik, pelukis pelan, dll.) <i>Technical and supervisory (e.g. technicians, draughtman, etc.)</i>	10,267	9,208	1,059	367,361
Perkeranian dan pekerjaan yang berkaitan (cth. Kerani, jurutaip, jurutrengkas, setiausaha sulit, pegawai jualan dll.) <i>Clerical and related occupations (e.g. clerks, typists, stenographers, personal secretaries, sales personnel etc.)</i>	10,135	2,196	7,939	199,569
Pekerja am (cth. pemandu, konduktor, operator telefon, pelayan pejabat, pengawal keselamatan, dll.) <i>General workers (e.g. drivers, conductors, telephone operators, office boys, security guards, etc.)</i>	6,520	5,420	1,100	118,364
Pekerja binaan / operatif diambil bekerja secara langsung <i>Construction / operative workers directly employed</i>				
(i) Mahir/Skilled	55,296	54,722	574	1,112,824
(ii) Tidak mahir/Unskilled	43,169	42,689	480	646,337
Pekerja binaan / operatif diambil bekerja melalui kontraktor buruh <i>Construction / operative workers employed through labour contractors</i>				
(i) Mahir/Skilled	73,405	73,267	138	1,605,292
(ii) Tidak mahir/Unskilled	70,664	70,128	536	1,106,589
C. Jumlah pekerja bergaji (sambilan)/Total employees (part-time)	3,752	3,596	156	41,482

Jadual 10.3: Pekerja, gaji & upah dalam subsektor pembinaan kejuruteraan awam mengikut kategori pekerja, 2010

Table 10.3: Employment, salaries & wages in the civil engineering construction sub-sector by category of workers, 2010

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)	251,793	238,970	12,823	5,228,907
A. Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji <i>Total working proprietors and unpaid family workers</i>	2,936	2,672	264	..
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietors and active business partners</i>	2,779	2,559	220	..
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>	157	113	44	..
B. Jumlah pekerja bergaji (sepenuh masa) / Total paid employees (full-time)	244,037	231,747	12,290	5,162,267
Pengurusan dan profesional / Managerial and professional	8,638	6,684	1,954	631,995
Teknik dan penyeliaan (cth. juruteknik, pelukis pelan, dll.) <i>Technical and supervisory (e.g. technicians, draughtman, etc.)</i>	9,466	8,527	939	346,633
Perkeranian dan pekerjaan yang berkaitan (cth. Kerani, jurutaip, jurutrenkas, setiausaha sulit, pegawai jualan dll.) <i>Clerical and related occupations (e.g. clerks, typists, stenographers, personal secretaries, sales personnel etc.)</i>	8,825	1,560	7,265	183,869
Pekerja am (cth. pemandu, konduktor, operator telefon, pelayan pejabat, pengawal keselamatan, dll.) <i>General workers (e.g drivers, conductors, telephone operators, office boys, security guards, etc.)</i>	6,203	5,299	904	112,112
Pekerja binaan / operatif diambil bekerja secara langsung <i>Construction / operative workers directly employed</i>				
(i) Mahir / Skilled	53,547	53,199	348	1,062,693
(ii) Tidak mahir / Unskilled	41,705	41,209	496	618,018
Pekerja binaan / operatif diambil bekerja melalui kontraktor buruh <i>Construction / operative workers employed through labour contractors</i>				
(i) Mahir / Skilled	59,497	59,419	78	1,358,520
(ii) Tidak mahir / Unskilled	56,156	55,850	306	848,427
C. Jumlah pekerja bergaji (sambilan) / Total employees (part-time)	4,820	4,551	269	66,640

Jadual 10.4: Pekerja, gaji & upah dalam subsektor pertukangan khas mengikut kategori pekerja, 2010

Table 10.4: Employment, salaries & wages in the special trades sub-sector by category of workers, 2010

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)	213,837	198,469	15,368
A. Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji <i>Total working proprietors and unpaid family workers</i>	5,751	5,366	385	..
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietors and active business partners</i>	5,460	5,155	305	..
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>	291	211	80	..
B. Jumlah pekerja bergaji (sepenuh masa)/Total paid employees (full-time)	205,662	190,879	14,783	4,129,541
Pengurusan dan profesional/Managerial and professional	10,550	8,360	2,190	657,980
Teknik dan penyeliaan (cth. juruteknik, pelukis pelan, dll.) <i>Technical and supervisory (e.g. technicians, draughtman, etc.)</i>	11,797	10,865	932	374,740
Perkeranian dan pekerjaan yang berkaitan (cth. Kerani, jurutaip, jurutrengkas, setiausaha sulit, pegawai jualan dll.) <i>Clerical and related occupations (e.g. clerks, typists, stenographers, personal secretaries, sales personnel etc.)</i>	11,411	1,854	9,557	221,069
Pekerja am (cth. pemandu, konduktor, operator telefon, pelayan pejabat, pengawal keselamatan, dll.) <i>General workers (e.g drivers, conductors, telephone operators, office boys, security guards, etc.)</i>	5,600	4,484	1,116	104,352
Pekerja binaan / operatif diambil bekerja secara langsung <i>Construction / operative workers directly employed</i>				
(i) Mahir/Skilled	57,009	56,685	324	1,024,461
(ii) Tidak mahir/Unskilled	35,219	34,809	410	479,137
Pekerja binaan / operatif diambil bekerja melalui kontraktor buruh <i>Construction / operative workers employed through labour contractors</i>				
(i) Mahir/Skilled	44,525	44,464	61	863,118
(ii) Tidak mahir/Unskilled	29,551	29,358	193	404,682
C. Jumlah pekerja bergaji (sambilan)/Total employees (part-time)	2,424	2,224	200	27,278

Jadual 11: Jumlah kos bahan binaan yang digunakan mengikut subsektor dan jenis bahan, 2010

Table 11: Total cost of building materials used by sub-sector and type of materials, 2010

(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 trade works	
		%		%		%		%		%
Jumlah/Total	50,658,768		11,531,754		15,109,420		13,771,073		10,246,520	
Bahan besi dan keluli/ Iron and steel materials:	11,768,450	23.2	2,901,678	25.2	4,079,320	27.0	3,927,993	28.5	859,458	8.4
Bar dan rod daripada besi lembut untuk konkrit bertetulang <i>Mild steel bars and rods for reinforced concrete</i>	6,192,199	52.6	1,924,430	66.3	2,694,097	66.0	1,306,779	33.3	266,893	31.1
Kepingan besi disadur/Galvanised iron sheets	480,327	4.1	62,547	2.2	124,682	3.1	222,593	5.7	70,505	8.2
Paip dan tiub daripada besi tuang <i>Cast iron pipes and tubes</i>	2,032,694	17.3	107,125	3.7	201,459	4.9	1,539,213	39.2	184,897	21.5
Pintu, rangka tingkap, pintu pagar, kisi-kisi, dsb. daripada logam <i>Metal doors, window frames, gates and grilles, etc.</i>	662,254	5.6	206,944	7.1	255,970	6.3	118,678	3.0	80,661	9.4
Pagar dan jaring daripada kawat, besi dan keluli <i>Fencing and netting materials of wire, iron and steel</i>	436,817	3.7	135,154	4.7	182,483	4.5	95,047	2.4	24,133	2.8
Paku, selak, nat, dan barangan besi lain <i>Nails, bolts, nuts and other hardware</i>	976,476	8.3	274,179	9.4	338,868	8.3	259,348	6.6	104,081	12.1
Bahan besi dan keluli lain <i>Other iron and steel materials</i>	987,682	8.4	191,299	6.6	281,761	6.9	386,336	9.8	128,286	14.9
Simen dan bahan konkrit: Cement and concrete materials:	11,099,022	21.9	3,313,421	28.7	4,282,225	28.3	2,894,104	21.0	609,271	5.9
Simen (OPC)/Cement (OPC)	5,149,284	46.4	1,778,419	53.7	2,235,509	52.2	843,236	29.1	292,121	47.9
Pasir/Sand	2,460,165	22.2	825,621	24.9	884,9813	20.7	595,686	20.6	153,876	25.3
Granit/Granite	1,047,356	9.4	131,288	4.0	230,782	5.4	664,415	23.0	20,870	3.4
Konkrit campur siap/Ready-mix concrete	1,509,226	13.6	423,225	12.8	652,596	15.2	384,633	13.3	48,772	8.0
Bahan simen dan konkrit lain <i>Other cement and concrete materials</i>	932,990	8.4	154,868	4.7	278,355	6.5	406,135	14.0	93,633	15.4

Jadual 11: Jumlah kos bahan binaan yang digunakan mengikut subsektor dan jenis bahan, 2010 (samb.)

Table 11: Total cost of building materials used by sub-sector and type of materials, 2010 (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 trade works	
		%		%		%		%		%
Bahan batu bata: <i>Brickwork materials:</i>	3,293,974	6.5	1,290,559	11.2	1,474,140	9.8	412,162	3.0	117,114	1.1
Batu bata tanah liat <i>Common clay brick</i>	2,440,385	74.1	908,675	70.4	1,181,431	80.1	280,829	68.1	69,451	59.3
Batu bata pasir <i>Common sand brick</i>	542,466	16.5	308,188	23.9	179,663	12.2	41,568	10.1	13,046	11.1
Blok konkrit berlubang tuang siap <i>Precast concrete vent block</i>	53,096	1.6	15,486	1.2	20,959	1.4	12,311	3.0	4,340	3.7
Blok berlubang bertetulang <i>Autoclaved aerated block</i>	11,895	0.4	2,727	0.2	4,584	0.3	3,529	0.9	1,055	0.9
Blok berongga <i>Hollow block</i>	26,170	0.8	5,484	0.4	12,746	0.9	4,328	1.1	3,612	3.1
Bahan batu bata yang lain <i>Other brickwork materials</i>	219,962	6.7	50,000	3.9	74,757	5.1	69,596	16.9	25,609	21.9
Kayu dan keluaran kayu : <i>Timber and timber products:</i>	4,015,789	7.9	1,630,302	14.1	1,791,256	11.9	393,726	2.9	200,504	2.0
Kayu gergaji <i>Sawn timber</i>	2,463,115	61.3	963,973	59.1	1,198,570	66.9	218,048	55.4	82,525	41.2
Papan lapis (kalis air) <i>Plywood (waterproof)</i>	689,063	17.2	270,884	16.6	298,605	16.7	84,687	21.5	34,887	17.4
Papan plaster gypsum <i>Gypsum plaster board</i>	66,054	1.6	28,537	1.8	18,876	1.1	2,577	0.7	16,064	8.0
Rangka pintu kayu dan bingkai tingkap <i>Timber doors and window frames</i>	464,012	11.6	239,076	14.7	172,612	9.6	25,072	6.4	27,252	13.6
Bahan kayu lain <i>Other timber materials</i>	333,544	8.3	127,832	7.8	102,594	5.7	63,342	16.1	39,776	19.8

Jadual 11: Jumlah kos bahan binaan yang digunakan mengikut subsektor dan jenis bahan, 2010 (samb.)

Table 11: Total cost of building materials used by sub-sector and type of materials, 2010 (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 trade works	
		%		%		%		%		%
Bahan bumbung/Roofing materials:	1,410,804	2.8	531,482	4.6	689,629	4.6	101,004	0.7	88,689	0.9
Jubin bumbung tanah liat/Clay roof tiles	999,044	70.8	401,511	75.5	504,257	73.1	63,836	63.2	29,439	33.2
Jubin bumbung konkrit/Concrete roof tiles	131,384	9.3	48,980	9.2	64,081	9.3	6,252	6.2	12,072	13.6
Jubin bumbung logam/Metal roof tiles	42,451	3.0	9,804	1.8	23,453	3.4	5,044	5.0	4,150	4.7
Kepingan bumbung logam/Metal profiled roof sheet	86,590	6.1	20,712	3.9	37,243	5.4	9,732	9.6	18,902	21.3
Bahan bumbung lain/Other roofing materials	151,336	10.7	50,476	9.5	60,595	8.8	16,140	16.0	24,126	27.2
Jubin/Tiles:	1,691,741	3.3	511,193	4.4	655,842	4.3	127,722	0.9	396,983	3.9
Jubin lantai/Floor tiles	1,420,832	84.0	442,296	86.5	566,080	86.3	106,796	83.6	305,660	77.0
Jubin dinding kilat/Glazed wall tiles	117,748	7.0	38,683	7.6	50,566	7.7	4,982	3.9	23,517	5.9
Batu penyudah/Stone finishes:										
Granit hitam/Black granite	22,013	1.3	8,084	1.6	7,160	1.1	1,449	1.1	5,320	1.3
Marmar hitam/Black marble	16,205	1.0	4,150	0.8	3,899	0.6	266	0.2	7,890	2.0
Marmar putih/White marble	30,793	1.8	5,123	1.0	7,443	1.1	2,293	1.8	15,935	4.0
Bahan jubin lain/Other tiles	84,150	5.0	12,858	2.5	20,693	3.2	11,938	9.3	38,661	9.7
Pemasangan jentera dan elektrik:										
Machinery and electrical materials:	6,877,818	13.6	214,114	1.9	352,279	2.3	1,378,937	10.0	4,932,488	48.1
Loji penyaman udara/Air-conditioning plants	767,942	11.2	11,616	5.4	39,026	11.1	14,525	1.1	702,776	14.2
Loji pendinginan/Refrigeration plants	55,953	0.8	1,240	0.6	2,196	0.6	5,828	0.4	46,690	0.9
Alat pemanas/Heating equipments	48,376	0.7	2,160	1.0	1,359	0.4	2,228	0.2	42,630	0.9
Lif dan escalator/Lift and escalators	338,829	4.9	5,525	2.6	3,858	1.1	3,168	0.2	326,277	6.6
Jentera lain/Other machinery	992,336	14.4	8,716	4.1	55,114	15.6	712,890	51.7	215,616	4.4
Alat kelengkapan dan aksesori elektrik										
Electrical fittings and accessories	3,701,517	53.8	162,929	76.1	210,531	59.8	312,393	22.7	3,015,673	61.1
Bahan jentera & elektrik lain										
Other machinery & electrical materials	972,855	14.1	21,927	10.2	40,196	11.4	327,905	23.8	582,827	11.8

Jadual 11: Jumlah kos bahan binaan yang digunakan mengikut subsektor dan jenis bahan, 2010 (samb.)

Table 11: Total cost of building materials used by sub-sector and type of materials, 2010 (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 trade	
		%		%		%		%		%
Bahan-bahan IBS / IBS building materials :	628,690	1.2	176,975	1.5	208,079	1.4	217,604	1.6	26,032	0.3
Sistem kerangka, panel dan kekotak konkrit pratuang (Tiang, rusuk, 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>	210,069	33.4	59,369	33.5	89,086	42.8	58,615	26.9	2,999	11.5
Sistem kerangka keluli (Tiang dan rasuk keluli, kerangka portal, kerangka bumbung) <i>Steel framing system (Steel columns and beams, portal frames, roof trusses)</i>	153,429	24.4	54,462	30.8	46,880	22.5	44,545	20.5	7,542	29.4
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>	55,491	8.8	5,773	3.3	11,390	5.5	31,060	14.3	7,268	27.8
Sistem kerangka kayu pra-siap (Tiang dan rasuk kayu pra-siap dan kerangka bumbung) <i>Prefabricated timber frames (Prefabricated timber, beams and columns)</i>	85,514	13.6	45,882	25.9	26,154	12.6	12,862	5.9	616	2.4
Sistem blok (interlocking concrete masonry units {CMU}, blok konkrit ringan) <i>Block work systems (interlocking concrete masonry units {CMU}, lightweight concrete blocks)</i>	124,187	19.8	11,489	6.5	34,569	16.6	70,522	32.4	7,607	29.1

Jadual 11: Jumlah kos bahan binaan yang digunakan mengikut subsektor dan jenis bahan, 2010 (samb.)

Table 11: Total cost of building materials used by sub-sector and type of materials, 2010

(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 trade works	
		%		%		%		%		%
Bahan binaan lain/Other building materials:	9,872,480	19.5	962,029	8.3	1,576,649	10.4	4,317,821	31.4	3,015,981	29.4
Pintu, pintu pagar, dll. daripada aluminium <i>Aluminium doors, gates, etc.</i>	306,781	3.1	62,520	6.5	83,023	5.3	27,922	0.6	133,316	4.4
Kajang, bidai, dll. daripada aluminium <i>Aluminium awnings, venetian blinds, etc.</i>	63,721	0.6	7,814	0.8	22,294	1.4	5,553	0.1	28,060	0.9
Bahan lain daripada aluminium, loyang, tembaga, dll. <i>Other material of aluminium, brass, copper, etc.</i>	244,766	2.5	9,455	1.0	23,519	1.5	117,571	2.7	94,221	3.1
Bahan kaca/Glass materials	496,860	5.0	103,887	10.8	126,794	8.0	25,098	0.6	241,081	8.0
Papan dinding, papan lembut, papan serpih, dll. <i>Wall boards, soft boards, particle boards, etc.</i>	126,146	1.3	30,202	3.1	37,849	2.4	9,955	0.2	48,140	1.6
Paip PVC dan alat kelengkapan kebersihan <i>PVC pipes and sanitary fittings</i>	974,001	9.9	189,206	19.7	194,687	12.3	224,340	5.2	365,769	12.1
Bahan penebat <i>Insulating materials</i>	199,980	2.0	15,403	1.6	8,599	0.5	35,572	0.8	140,406	4.7
Alat mencegah kebakaran/Fire fighting equipment	234,508	2.4	3,297	0.3	11,893	0.8	10,868	0.3	208,451	6.9
Kabel/Cables	1,094,367	11.1	12,585	1.3	50,485	3.2	669,817	15.5	361,480	12.0
Bahan mengecat/Painting materials	920,840	9.3	246,357	25.6	238,422	15.1	120,738	2.8	315,323	10.5
Bahan cerucuk termasuk besi, konkrit dan kayu <i>Pile materials including steel, concrete and timber</i>	1,515,870	15.4	135,032	14.0	407,241	25.8	320,326	7.4	653,271	21.7
Bitumen mentah dan tar/Raw bitumen and tar	2,421,311	24.5	65,821	6.8	239,271	15.2	2,041,947	47.3	74,272	2.5
Bahan lain/Other materials	1,273,330	12.9	80,451	8.4	132,573	8.4	708,114	16.4	352,192	11.7

Jadual 12: Perbelanjaan modal dan nilai harta tetap mengikut jenis harta tetap, 2010

Table 12: Capital expenditure and value of fixed assets by type of fixed assets, 2010

(RM'000)

Jenis harta <i>Type of fixed assets</i>	Nilai buku bersih pada 01.01.2010 <i>Net book value as at 01.01.2010</i>	Perbelanjaan modal dalam tahun 2010 <i>Capital expenditure during 2010</i>	Harta tetap yang dijual atau dilupuskan dalam tahun 2010 <i>Fixed assets sold or disposed off during 2010</i>	Susut nilai tahun semasa <i>Current year depreciation</i>	Nilai buku bersih pada 31.12.2010 <i>Net book value as at 31.12.2010</i>	Sewa yang dibayar dalam tahun 2010 <i>Rent paid during 2010</i>
Jumlah/Total	14,368,220	2,197,803	407,152	1,811,084	14,476,140	1,443,043
Tanah/Land	1,776,674	331,984	41,226	29,713	2,048,927	62,260
Bangunan dan pembinaan lain: <i>Buildings and other construction:</i>						
Tempat kediaman/Residential	725,100	114,028	33,466	28,453	778,572	30,264
Bukan tempat kediaman (cth. stor, pejabat, dll.) <i>Non-residential (e.g stores, offices, etc.)</i>	2,959,589	262,766	71,748	132,837	3,023,353	399,897
Pembinaan lain kecuali pembangunan tanah <i>Other construction except land improvement</i>	256,491	10,234	631	21,305	265,965	5,302
Pembangunan tanah/Land improvement	38,370	8,741	469	2,419	44,240	..
Alat pengangkutan/Transport equipment:						
Kereta penumpang/Passenger cars	593,449	122,470	26,259	130,446	573,741	6,766
Kenderaan perdagangan (cth. lori, van, pikap, dll.) <i>Commercial vehicles (e.g. lorries, vans, pick-ups, etc.)</i>	2,117,408	378,554	61,374	467,122	1,979,446	107,258
Lain-lain/Others	127,565	45,215	3,338	27,899	142,810	6,196
Komputer/Computers:						
Perkakasan komputer/Computer hardware	310,919	18,097	4,324	56,800	268,454	1,477
Sofwer komputer/Computer software	76,078	3,202	74	11,315	67,930	5,587
Jentera dan kelengkapan/Machinery and equipment	3,853,026	688,344	132,701	752,448	3,706,689	796,738
Perabot dan pemasangan/Furniture and fittings	634,857	52,443	4,534	108,430	575,716	7,095
Harta lain/Other assets:						
Kerja modal dalam pelaksanaan/Capital work in progress	665,993	96,429	19,412	3,819	740,099	..
Lain-lain/Others	232,700	65,295	7,596	38,079	260,198	14,202

Jadual 13.1: Perangkaan utama milikan wanita dalam sektor pembinaan mengikut subsektor, 2010

Table 13.1: Principal statistics of women-owned establishments in construction sector by sub-sector, 2010

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	1,371	4,357,631	2,840,104	1,517,529	53,816	947,910	554,687
Bangunan kediaman <i>Residential buildings</i>	257	941,139	622,054	319,086	10,930	214,612	84,452
Bangunan bukan kediaman <i>Non-residential buildings</i>	305	1,608,730	1,070,578	538,152	19,098	331,232	207,391
Kejuruteraan awam <i>Civil engineering</i>	333	929,540	584,827	344,714	12,432	205,729	121,086
Pertukangan khas <i>Special trades</i>	476	878,222	562,645	315,577	11,356	196,337	141,758

Jadual 13.2: Perangkaan utama milikan wanita dalam sektor pembinaan mengikut negeri lokasi projek, 2010
Table 13.2: Principal statistics of women-owned establishments in construction sector by state of project location, 2010

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	1,371	4,357,631	2,840,104	1,517,529	53,816	947,910	554,687
Johor	237	558,471	363,586	194,884	6,291	121,333	67,835
Kedah	45	140,856	94,958	45,898	1,618	27,474	28,716
Kelantan	26	90,453	58,962	31,492	1,463	22,143	7,544
Melaka	46	98,449	66,849	31,600	917	15,760	7,143
Negeri Sembilan	54	140,757	78,291	62,467	1,748	27,472	24,762
Pahang	67	132,875	86,514	46,360	1,803	36,090	11,902
Perak	70	214,899	145,748	69,150	2,765	46,263	27,357
Perlis	27	311,908	201,521	110,387	3,827	86,528	2,865
Pulau Pinang	77	215,834	139,174	76,661	2,344	43,663	38,373
Sabah	196	528,566	339,107	189,459	8,842	116,636	69,305
Sarawak	80	242,994	145,913	97,082	4,771	63,981	33,018
Selangor	292	1,054,329	677,868	376,461	10,925	224,473	134,267
Terengganu	41	106,664	71,460	35,204	1,399	25,719	5,405
W.P. Kuala Lumpur	99	476,862	334,079	142,784	4,568	84,784	93,432
W.P. Labuan	11	14,092	9,274	4,818	276	3,433	551
W.P. Putrajaya	3	29,622	26,800	2,822	259	2,158	2,212

BANCI EKONOMI *ECONOMIC CENSUS*
PEMBINAAN *CONSTRUCTION*

2011



**DATA SEKUNDER PUSAT MAKLUMAT HARTA TANAH NEGARA /
*SECONDARY DATA NATIONAL PROPERTY INFORMATION CENTRE***
(NAPIC)

Jadual 1A: Projek yang diluluskan mengikut negeri bagi tempoh Januari - Disember 2010

Table 1A: Approved projects by state from January - December 2010

	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	537	4	1	207	94	64	17	33	16	28	7	7	3	1	29	26
• Cadangan guna tenaga Employment	47,560	332	30	15,028	7,637	4,850	2,028	3,264	1,557	1,852	667	648	276	210	3,212	5,969
• Pelaburan tempatan (RM Juta) Domestic investment (RM Million)	12,183.88	55.05	14.87	3,252.02	3,892.57	1,348.45	158.03	1,339.13	328.72	232.78	23.49	484.73	59.49	31.44	756.08	207.03
• Pelaburan asing (RM Juta) Foreign investment (RM Million)	11,710.81	0	0	1,102.90	1,666.89	1,497.51	435.43	1,425.28	556.88	58.94	956.43	178.20	79	0	471.12	3281.76
• Cadangan modal pelaburan (RM Juta) Total capital investment (RM Million)	23,894.70	55.05	14.87	4,354.92	5,559.46	2,845.96	593.47	2,764.41	885.60	291.71	979.92	662.93	138.96	31.44	1,227.21	3488.79
Pembesaran/Tambahan / Expansion/Addition																
• Bilangan / Number	373	0	0	118	78	64	18	16	21	21	6	2	2	0	10	17
• Cadangan guna tenaga Employment	49,759	0	0	12,837	7,278	16,768	2,199	2,132	2,788	3,204	78	40	1,052	0	269	1,114
• Pelaburan tempatan (RM Juta) Domestic investment (RM Million)	5,936.58	0	0	2,242.97	968.60	438.41	61.26	53.92	108.47	127.12	7.39	1,626.21	27.85	0	93.25	181.13
• Pelaburan asing (RM Juta) Foreign investment (RM Million)	17,345.78	0	0	4,043.95	936.85	8,953.59	637.88	221.38	637.06	1,541.81	51.43	38.79	2.76	0	5.15	275.13
• Cadangan modal pelaburan (RM Juta) Total capital investment (RM Million)	23,282.03	0	0	6,286.92	1,905.45	9,392.00	699.14	275.30	745.53	1,668.92	58.51	1,665.00	30.60	0	98.40	456.26
Jumlah / Total																
• Bilangan / Number	910	4	1	325	172	128	35	49	37	49	13	9	5	1	39	43
• Cadangan guna tenaga Employment	97,319	332	30	27,865	14,915	21,618	4,227	5,396	4,345	5,056	745	688	1,328	210	3,481	7,083
• Pelaburan tempatan (RM Juta) Domestic investment (RM Million)	18,120.46	55.05	14.87	5,494.99	4,861.17	1,786.86	219.29	1,393.05	437.19	359.90	30.88	2,110.94	87.34	31.44	849.33	388.16
• Pelaburan asing (RM Juta) Foreign investment (RM Million)	29,056.59	0	0	5,146.85	2,603.74	10,451.10	1,073.31	1,646.66	1,193.94	1,600.75	1,007.86	216.99	82.23	0	476.27	3,556.89
• Cadangan modal pelaburan (RM Juta) Total capital investment (RM Million)	47,177.03	55.05	14.87	10,641.84	7,464.91	12,237.96	1,292.61	3,039.71	1,631.13	1,960.63	1,038.73	2,327.93	169.56	31.44	1,325.61	3,945.05

Sumber: Lembaga Pembangunan Perindustrian Malaysia (MIDA)
daripada Laporan Pasaran Harta, 2010 (NAPIC)

Source: Malaysia Industrial Development Authority (MIDA)
from Property Market Report, 2010 (NAPIC)

Jadual 2A: Penawaran unit kediaman di Malaysia 2009 dan 2010

Table 2A: Supply of residential units in Malaysia 2009 and 2010

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	
	2009	2010	% Perubahan Change	2009	2010	% Perubahan Change	2009	2010	% Perubahan Change	2009	2010	% Perubahan Change	2009	2010	% Perubahan Change	2009	2010	% Perubahan Change	2009	2010
W.P. Kuala Lumpur	401,338	415,860	3.6	5,170	14,522	180.9	45,787	37,194	-18.8	8,422	5,929	-29.6	35,379	32,741	-7.5	19,651	20,659	5.1	4.1	4.3
Selangor	1,250,188	1,276,542	2.1	24,695	26,354	6.7	133,293	123,636	-7.2	16,045	16,697	4.1	125,611	127,567	1.6	60,088	62,343	3.8	4.0	4.1
W.P. Putrajaya	4,069	4,385	7.8	198	316	ND	912	715	-21.6	98	119	21.4	975	2,017	106.9	125	240	92.0	2.1	3.4
Johor	662,872	674,188	1.7	13,731	12,489	-9.0	67,284	70,404	4.6	12,295	15,609	27.0	151,192	146,078	-3.4	23,180	23,344	0.7	2.6	2.6
Pulau Pinang	340,438	348,343	2.3	13,913	7,905	-43.2	44,652	41,580	-6.9	7,763	4,833	-37.7	40,911	40,250	-1.6	15,691	17,428	11.1	3.7	4.1
Perak	376,693	380,602	1.0	8,925	3,909	-56.2	33,031	34,109	3.3	5,373	4,987	-7.2	37,386	39,352	5.3	13,860	14,316	3.3	3.1	3.2
Negeri Sembilan	230,747	232,727	0.9	3,428	1,980	-42.2	61,109	63,582	4.0	3,328	4,453	33.8	107,033	104,751	-2.1	6,547	7,015	7.1	1.6	1.7
Melaka	149,914	151,586	1.1	2,206	1,672	-24.2	11,470	13,384	16.7	2,655	3,586	35.1	28,062	27,812	-0.9	4,751	4,645	-2.2	2.5	2.4
Kedah	254,297	260,375	2.4	8,929	6,078	-31.9	36,314	36,625	0.9	5,900	6,389	8.3	38,173	33,967	-11.0	6,980	7,310	4.7	2.1	2.2
Pahang	206,246	212,068	2.8	4,433	5,822	31.3	26,924	25,631	-4.8	4,347	4,529	4.2	39,230	42,923	9.4	6,124	6,204	1.3	2.2	2.2
Terengganu	50,956	52,213	2.5	1,946	1,321	-32.1	13,779	15,860	15.1	2,811	3,402	21.0	19,110	19,601	2.6	2,710	2,683	-1.0	3.2	3.1
Kelantan	54,530	55,467	1.7	1,120	937	-16.3	11,175	12,331	10.3	2,652	2,093	-21.1	8,637	8,609	-0.3	795	972	22.3	1.1	1.3
Perlis	20,390	20,608	1.1	327	218	-33.3	1,195	1,853	55.1	405	876	116.3	1,905	1,784	-6.4	490	546	11.4	2.1	2.3
Sabah	135,215	142,201	5.2	6,297	6,986	10.9	34,060	32,524	-4.5	8,929	5,450	-39.0	22,888	25,001	9.2	5,569	5,253	-5.7	2.9	2.6
W.P. Labuan	10,799	10,821	0.2	125	22	-82.4	962	940	-2.3	0	0	ND	92	92	0.0	315	251	-20.3	2.7	2.1
Sarawak	189,917	195,324	2.8	7,892	5,407	-31.5	16,947	16,798	-0.9	5,720	5,258	-8.1	11,352	7,487	-34.0	12,147	12,445	2.5	5.6	5.7
Malaysia	4,338,609	4,433,310	2.2	103,335	95,938	-7.2	538,894	527,166	-2.2	86,743	84,210	-2.9	667,936	660,032	-1.2	179,023	185,654	3.7	3.2	3.3

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 Perolehan / Turnover = $\frac{\text{Transaksi / Transactions}}{\text{Stok sedia ada + Penawaran akan datang + Penawaran dirancang / Existing stock + Incoming supply + Planned supply}} \times 100\%$

Jadual 3A: Penawaran unit kedai di Malaysia, 2009 dan 2010
Table 3A: Supply of shop units in Malaysia, 2009 and 2010

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	
	2009	2010	% Perubahan Change	2009	2010	% Perubahan Change	2009	2010	% Perubahan Change	2009	2010	% Perubahan Change	2009	2010	% Perubahan Change	2009	2010	% Perubahan Change	2009	2010
W.P. Kuala Lumpur	21,941	22,692	3.4	106	751	608.5	2,438	1,733	-28.9	14	46	228.6	1,213	1,335	10.1	1,198	1,180	-1.5	4.7	4.6
Selangor	72,754	75,171	3.3	2,489	2,417	-2.9	13,842	12,284	-11.3	808	859	6.3	6,345	6,918	9.0	4,189	5,197	24.1	4.5	5.5
W.P. Putrajaya	191	191	0.0	0	0	ND	19	24	ND	7	5	ND	52	47	-9.6	21	27	28.6	8.0	10.3
Johor	65,956	67,201	1.9	460	1,245	170.7	8,059	8,296	2.9	1,202	1,482	23.3	14,102	13,847	-1.8	3,425	4,120	20.3	3.9	4.6
Pulau Pinang	27,587	28,127	2.0	529	540	2.1	3,644	3,437	ND	422	333	-21.1	2,438	2,551	4.6	1,665	1,890	13.5	4.9	5.5
Perak	40,929	41,276	0.8	1,828	347	-81.0	2,349	2,853	ND	828	851	2.8	6,006	5,992	-0.2	2,832	3,258	15.0	5.7	6.5
Negeri Sembilan	18,105	18,139	0.2	150	34	-77.3	3,238	3,302	2.0	50	98	96.0	7,861	8,451	7.5	1,100	1,312	19.3	3.8	4.4
Melaka	15,853	16,256	2.5	314	403	28.3	1,704	2,257	32.5	28	956	3314.3	2,796	2,415	-13.6	984	1,174	19.3	4.8	5.6
Kedah	23,984	24,683	2.9	140	699	399.3	3,619	3,617	-0.1	192	697	263.0	3,480	3,122	-10.3	1,579	1,503	-4.8	5.1	4.8
Pahang	16,477	16,902	2.6	577	425	-26.3	2,194	2,615	ND	611	846	38.5	4,296	4,315	0.4	1,060	1,149	8.4	4.6	4.8
Terengganu	4,531	4,707	3.9	258	176	-31.8	876	967	10.4	115	267	132.2	1,339	1,303	-2.7	272	342	25.7	4.0	4.9
Kelantan	7,633	7,815	2.4	377	182	-51.7	2,070	2,213	ND	537	325	-39.5	3,470	3,801	9.5	199	158	-20.6	1.5	1.1
Perlis	3,114	3,331	7.0	48	217	352.1	247	247	0.0	5	217	4240.0	485	473	-2.5	75	95	26.7	2.0	2.3
Sabah	15,078	15,207	0.9	750	129	-82.8	2,039	2,223	9.0	243	313	28.8	2,904	2,631	-9.4	952	778	-18.3	4.8	3.9
W.P. Labuan	790	790	0.0	9	0	-100.0	78	78	0.0	0	0	ND	49	49	0.0	40	26	-35.0	4.4	2.8
Sarawak	22,056	22,212	0.7	990	156	-84.2	1,476	1,848	25.2	537	528	-1.7	1,424	1,111	-22.0	2,516	2,522	0.2	10.1	10.0
Malaysia	356,979	364,700	2.2	9,025	7,721	-14.4	47,892	47,994	0.2	5,599	7,823	39.7	58,260	58,361	0.2	22,107	24,731	11.9	4.8	5.3

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.

Sumber: Laporan Stok Harta Tanah - NAPIC

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.

Source: Property Stock Report - NAPIC

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

Existing stock + Incoming supply + Planned supply

Jadual 4A: Penawaran dan penghunian kompleks perniagaan di Malaysia, 2009 dan 2010

Table 4A: Supply and occupancy of shopping complex in Malaysia, 2009 and 2010

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		meter persegi / square meter		(%)		meter persegi / square meter		meter persegi / square meter		meter persegi / square meter		meter persegi / square meter		meter persegi / square meter	
	2009	2010	2009	2010	2009	2010	2009	2010	2009	2010	2009	2010	2009	2010	2009	2010	2009	2010
W.P. Kuala Lumpur	2,116,131	2,137,828	0	21,697	1,782,545	1,801,120	84	84	(7653)	18,575	333,586	336,708	561,075	616,862	146,509	77,484	475,151	410,673
Selangor	2,438,261	2,493,447	9,187	54,929	2,173,882	2,222,798	89	89	15,883	48,916	264,379	270,649	265,131	210,202	0	0	95,117	95,117
W.P. Putrajaya	61,090	67,714	0	6,624	50,400	50,961	83	75	180	561	10,690	16,753	6,624	9,907	6,624	9,907	9,907	0
Johor	1,387,048	1,443,184	80,320	56,175	1,000,453	1,035,430	72	72	118,604	34,977	386,595	407,754	285,929	275,614	152,403	45,860	894,362	848,502
Pulau Pinang	1,264,922	1,390,948	70,130	126,026	895,320	919,282	71	66	71,288	23,962	369,602	471,666	206,228	120,472	-	40,270	77,398	90,808
Perak	531,846	535,835	18,359	3,989	461,911	464,247	87	87	19,974	2,336	69,935	71,588	3,989	105,298	22,634	105,298	105,298	2,817
Negeri Sembilan	301,216	314,346	33,711	13,130	252,767	253,266	84	81	20,668	499	48,449	61,080	57,605	69,594	-	25,119	73,059	63,575
Melaka	270,475	344,627	25,307	74,152	164,064	256,944	61	75	(21,133)	92,880	106,411	87,683	89,630	15,478	58,668	0	0	0
Kedah	391,772	391,772	34,369	0	299,240	287,695	76	73	19,864	(11,545)	92,532	104,077	31,753	31,753	1,467	-	39,568	39,568
Pahang	218,805	218,879	1,615	0	183,977	172,628	84	79	1,842	(11,349)	34,828	46,251	423	24,195	23,772	23,772	45,075	22,558
Terengganu	66,690	85,002	2,289	18,312	53,171	61,398	80	72	(1,332)	8,227	13,519	23,604	18,312	0	0	0	0	0
Kelantan	203,329	220,056	38,943	16,727	180,683	198,200	89	90	26,882	17,517	22,646	21,856	16,727	9,586	7,941	9,586	5,266	0
Perlis	54,151	67,119	0	12,968	54,151	62,690	100	93	0	0	0	4,429	14,094	8,865	7,739	7,739	2,282	0
Sabah	446,838	519,354	0	72,516	392,583	421,394	88	81	2,893	28,811	54,255	97,960	204,794	137,703	0	5,425	18,625	13,200
W.P. Labuan	26,063	26,063	0	0	25,538	25,538	98	98	1,172	0	525	525	0	0	0	0	0	0
Sarawak	311,190	332,579	0	23,861	256,574	261,694	82	79	372	5,121	54,616	70,885	45,280	91,214	2,230	69,795	102,310	62,235
Malaysia	10,089,826	10,588,752	314,230	501,106	8,227,259	8,495,285	81.5	80.2	269,504	268,027	1,862,567	2,093,467	1,807,595	1,726,744	429,987	420,255	1,943,418	1,649,053

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, 2009 dan 2010

Table 5A: Supply and occupancy of purpose-built office in Malaysia, 2009 and 2010

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									
	2009	2010	2009	2010	2009	2010	2009	2010	2009	2010	2009	2010	2009	2010	2009	2010	2009	2010
W.P.Kuala Lumpur	6,522,375	6,778,386	193,181	256,011	5,433,546	5,502,542	83.3	81.2	234,811	68,996	1,088,829	1,275,844	882,777	1,016,603	29,693	389,837	839,273	576,942
Selangor	2,301,548	2,326,748	126,438	25,295	1,794,769	1,789,744	78.0	76.9	35,331	(5025)	506,779	537,004	294,916	269,621	0	0	185,029	202,653
W.P. Putrajaya	1,529,326	1,573,620	69,678	44,294	1,487,325	1,499,254	97.3	95.3	81,780	11,929	42,001	74,366	445,056	460,392	32,594	59,630	246,256	186,626
Johor	961,168	980,404	82,528	16,527	748,034	753,490	77.8	76.9	34,997	5,456	213,134	226,914	184,470	206,091	33,410	38,148	625,637	587,489
Pulau Pinang	1,077,395	1,077,395	31,237	0	842,629	842,096	78.2	78.2	52,764	(533)	234,766	235,299	38,789	38,789	5,500	0	41,472	41,472
Perak	585,829	609,602	13,289	23,773	533,142	570,298	91.0	93.6	4,016	37,156	52,687	39,304	42,988	21,082	8,584	1,867	0	0
Negeri Sembilan	266,366	277,708	2,789	11,342	244,823	254,324	91.9	91.6	8,937	9,501	21,543	23,384	14,533	7,012	0	3,821	114,911	111,090
Melaka	269,100	315,221	0	46,121	246,901	293,022	91.8	93.0	0	46,121	22,199	22,199	129,776	88,882	2,894	5,227	5,227	-
Kedah	287,685	286,966	6,574	0	268,116	264,287	93.2	92.1	27,596	(3829)	19,569	22,679	36,950	36,950	0	0	9,231	10,994
Pahang	277,038	282,378	6,982	5,340	259,594	264,787	93.7	93.8	6,530	5,193	17,444	17,591	34,073	89,090	12,323	60,357	73,376	19,803
Terengganu	296,822	296,822	16,726	0	286,079	293,319	96.4	98.8	12,842	7,240	10,743	3,503	20,446	20,446	4,314	0	0	0
Kelantan	346,444	346,444	12,400	0	332,210	333,771	95.9	96.3	6,954	1,561	14,234	12,673	11,172	27,841	8,186	16,669	17,425	23,689
Perlis	90,706	90,706	4,043	0	90,706	90,706	100.0	100.0	4,043	0	0	0	35,613	63,423	5,494	27,810	19,882	15,017
Sabah	672,441	672,441	0	0	593,032	589,822	88.2	87.7	(8,739)	(3,210)	79,409	82,619	67,963	67,963	0	0	0	0
W.P. Labuan	66,157	66,157	0	0	49,548	49,548	74.9	74.9	2,971	0	16,609	16,609	28,022	28,022	0	0	0	0
Sarawak	576,010	578,757	2,380	2,747	532,570	532,570	92.5	92.0	14,411	0	43,440	46,187	10,125	7,378	0	0	0	0
Malaysia	16,126,410	16,559,755	568,244	431,450	13,743,024	13,923,580	85.2	84.1	519,244	180,556	2,383,386	2,636,175	2,277,670	2,449,585	142,992	603,366	2,177,719	1,775,775

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: Property Stock Report - NAPIC

Jadual 6A: Penawaran unit industri di Malaysia , 2009 dan 2010
Table 6A: Supply of industrial units in Malaysia, 2009 and 2010

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	
	2009	2010	% Perubahan Change	2009	2010	% Perubahan Change	2009	2010	% Perubahan Change	2009	2010	% Perubahan Change	2009	2010	% Perubahan Change	2009	2010	% Perubahan Change	2009	2010
W.P. Kuala Lumpur	5,130	5,130	0.0	15	0	ND	30	30	0.0	14	0	ND	153	153	0.0	208	216	3.8	3.9	4.1
Selangor	34,295	34,321	0.1	63	26	-58.7	2,547	2,673	4.9	59	152	157.6	1,377	1,452	5.4	2,157	2,356	9.2	5.6	6.1
W.P. Putrajaya	13	13	0.0	0	0	ND	35	35	0.0	0	0	ND	0	0	ND	4	5	25.0	8.3	10.4
Johor	13,430	13,452	0.2	58	22	-62.1	500	619	23.8	36	141	291.7	2,237	2,504	11.9	627	887	41.5	3.9	5.4
Pulau Pinang	7,621	7,679	0.8	64	58	-9.4	293	238	-18.8	44	3	ND	499	572	14.6	401	440	9.7	4.8	5.2
Perak	7,000	7,063	0.9	76	63	-17.1	436	421	-3.4	85	48	-43.5	2,284	2,300	0.7	366	437	19.4	3.8	4.5
Negeri Sembilan	4,645	4,686	0.9	76	41	-46.1	1,388	1,347	-3.0	41	0	ND	3,704	3,736	0.9	249	306	22.9	2.6	3.1
Melaka	3,935	4,140	5.2	363	205	ND	444	263	-40.8	28	24	-14.3	4,892	4,868	-0.5	202	152	-24.8	2.2	1.6
Kedah	3,015	3,015	0.0	77	0	ND	233	233	0.0	175	0	ND	3,598	3,598	0.0	240	247	2.9	3.5	3.6
Pahang	3,261	3,303	1.3	22	42	90.9	209	282	34.9	84	115	36.9	1,127	1,048	-7.0	152	124	-18.4	3.3	2.7
Terengganu	699	732	4.7	65	33	-49.2	42	11	-73.8	41	2	-95.1	308	333	8.1	16	25	56.3	1.5	2.3
Kelantan	456	458	0.4	4	2	-50.0	60	80	33.3	44	22	-50.0	34	12	-64.7	7	5	-28.6	1.3	0.9
Perlis	165	165	0.0	20	0	-100.0	1	1	0.0	0	0	ND	67	69	3.0	5	17	240.0	2.1	7.2
Sabah	4,154	4,154	0.0	68	0	-100.0	1,016	1,016	0.0	12	0	-100.0	621	621	0.0	294	280	-4.8	5.1	4.8
W.P. Labuan	601	601	0.0	0	0	ND	2	2	0.0	0	0	ND	1	1	0.0	66	19	-71.2	10.9	3.1
Sarawak	4,124	4,227	2.5	121	103	-14.9	375	403	7.5	40	131	227.5	1,153	1,022	-11.4	501	687	37.1	8.9	12.2
Malaysia	92,544	93,139	0.6	1,092	595	-45.5	7,611	7,654	0.6	703	638	-9.2	22,055	22,289	1.1	5,495	6,203	12.9	4.5	5.0

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.

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

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

Stok sedia ada + Penawaran akan datang + Penawaran dirancang
Existing stock + Incoming supply + Planned supply

Sumber: Laporan Stok Harta Tanah - NAPIC

Source: Property Stock Report - NAPIC

Jadual 7A: Bilangan bilik hotel , 2009 dan 2010
Table 7A: Number of hotel rooms, 2009 and 2010

Negeri State	Stok sedia ada <i>Existing stock</i>			Penyiapan baru <i>Completion</i>			Penawaran akan datang <i>Incoming supply</i>			Mula <i>Starts</i>			Penawaran dirancang <i>Planned supply</i>		
	2009	2010	% Perubahan <i>Change</i>	2009	2010	% Perubahan <i>Change</i>	2009	2010	% Perubahan <i>Change</i>	2009	2010	% Perubahan <i>Change</i>	2009	2010	% Perubahan <i>Change</i>
W.P. Kuala Lumpur	30,431	31,065	2.1	192	394	105.2	6,607	6,213	-6.0	1,066	0	-100	10,304	10,678	3.6
Selangor	13,173	13,362	1.1	0	217	ND	3,280	3,250	-0.9	0	187	ND	337	150	ND
W.P. Putrajaya	401	401	0.0	283	0	ND	444	444	0.0	0	0	ND	764	764	ND
Johor	16,418	16,821	2.5	0	218	ND	5,688	6,098	7.2	224	628	180.4	1,281	981	-23.4
Pulau Pinang	13,531	13,631	0.7	496	0	ND	654	654	0.0	635	0	-100.0	1,275	1,819	42.7
Perak	8,950	8,950	0.0	283	0	ND	1,151	1,612	40.1	527	461	-12.5	774	434	-43.9
Negeri Sembilan	4,511	4,489	-0.5	0	0	ND	621	705	13.5	72	84	16.7	1,889	1,805	-4.4
Melaka	7,596	7,795	2.6	134	199	48.5	1,251	1,052	-15.9	992	0	-100.0	675	675	0.0
Kedah	9,652	9,648	0.0	0	0	ND	188	188	0.0	0	0	ND	2,285	2,285	0.0
Pahang	20,814	20,877	0.3	0	0	ND	1,804	1,804	0.0	544	0	-100.0	5,776	5,776	0.0
Terengganu	6,882	6,972	1.3	26	0	-100.0	921	921	0.0	0	0	ND	839	995	18.6
Kelantan	3,447	3,447	0.0	0	0	ND	264	557	111.0	144	293	ND	73	127	74.0
Perlis	638	638	0.0	0	0	ND	163	163	0.0	150	0	ND	137	137	0.0
Sabah	13,724	13,815	0.7	220	0	ND	1,048	1,048	0.0	0	0	ND	61	61	0.0
W.P. Labuan	988	988	0.0	41	0	ND	444	444	0.0	0	0	ND	220	220	0.0
Sarawak	14,331	14,386	0.4	859	0	-100.0	411	626	52.3	104	215	106.7	1,153	938	-18.6
Malaysia	165,487	167,285	1.1	2,534	1,028	-59.4	28,854	25,694	3.4	4,458	1,868	-58.1	27,843	27,845	0.0

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, 2009 dan 2010

Table 8A: Number and sales performance of new launches and number and value of unsold residential units in Malaysia, 2009 and 2010

Negeri / State	Pelancaran baru / Newly launched		Slap dibina / Completed		Dalam pembinaan Under construction		Belum dibina / Not constructed			
	2009	2010	2009	2010	2009	2010	2009	2010		
MALAYSIA	Unit dilancar / Unit launched	45,909	47,698	Unit dilancar / Unit launched	115,904	94,836	110,581	100,320	23,754	23,130
	Unit dijual / Unit sold	22,055	21,799	Unit tidak terjual / Unsold units	22,592	23,133	42,814	41,478	14,457	14,365
	Prestasi jualan / Sales performance	48.0	45.7	Nilai (RM Juta) / Value (RM Million)	3,675.75	4,208.29	NA	NA	NA	NA
W.P. Kuala Lumpur	Unit dilancar / Unit launched	4,069	3,193	Unit dilancar / Unit launched	10,251	8,142	13,756	15,133	0	0
	Unit dijual / Unit sold	2,357	1,225	Unit tidak terjual / Unsold units	1,623	2,400	4,989	3,927	0	0
	Prestasi jualan / Sales performance	57.9	38.4	Nilai (RM Juta) / Value (RM Million)	522.46	928.42	NA	NA	NA	NA
W.P. Putrajaya	Unit dilancar / Unit launched	72	0	Unit dilancar / Unit launched	0	0	278	97	0.00	0
	Unit dijual / Unit sold	47	0	Unit tidak terjual / Unsold units	0	0	76	8	0.00	0
	Prestasi jualan / Sales performance	65.3	ND	Nilai (RM Juta) / Value (RM Million)	0.00	0.00	NA	NA	NA	NA
W.P. Labuan	Unit dilancar / Unit launched	0	0	Unit dilancar / Unit launched	0.00	16	58	58	0.00	0
	Unit dijual / Unit sold	0	0	Unit tidak terjual / Unsold units	0.00	8	15	10	0.00	0
	Prestasi jualan / Sales performance	NA	ND	Nilai (RM Juta) / Value (RM Million)	0.00	2.56	NA	NA	NA	NA
Selangor	Unit dilancar / Unit launched	8,430	10,002	Unit dilancar / Unit launched	30,290	22,145	24,433	19,623	2,956	2,852
	Unit dijual / Unit sold	4,928	4,701	Unit tidak terjual / Unsold units	3,770	3,180	8,370	6,445	2,614	2,286
	Prestasi jualan / Sales performance	58.5	47.0	Nilai (RM Juta) / Value (RM Million)	608.32	691.28	NA	NA	NA	NA
Johor	Unit dilancar / Unit launched	7,099	6,343	Unit dilancar / Unit launched	27,731	21,296	22,918	17,057	6,817	4,967
	Unit dijual / Unit sold	2,668	2,696	Unit tidak terjual / Unsold units	5,415	5,596	8,060	7,496	3,603	2,944
	Prestasi jualan / Sales performance	37.6	42.5	Nilai (RM Juta) / Value (RM Million)	958.34	1017.84	NA	NA	NA	NA
Pulau Pinang	Unit dilancar / Unit launched	2,592	2,010	Unit dilancar / Unit launched	2,911	1,940	4,001	3,166	224	60
	Unit dijual / Unit sold	1,299	962	Unit tidak terjual / Unsold units	592	311	1,891	1,055	74	35
	Prestasi jualan / Sales performance	50.1	47.9	Nilai (RM Juta) / Value (RM Million)	142.68	56.96	NA	NA	NA	NA
Perak	Unit dilancar / Unit launched	4,296	4,975	Unit dilancar / Unit launched	5,368	3,839	8,888	7,907	1,344	1,405
	Unit dijual / Unit sold	1,996	2,814	Unit tidak terjual / Unsold units	1,222	1,091	4,387	3,885	1,001	977
	Prestasi jualan / Sales performance	46.5	56.6	Nilai (RM Juta) / Value (RM Million)	153.46	137.85	NA	NA	NA	NA
Negeri Sembilan	Unit dilancar / Unit launched	4,011	3,845	Unit dilancar / Unit launched	4,722	5,613	4,856	4,287	7,625	7,237
	Unit dijual / Unit sold	1,990	1,915	Unit tidak terjual / Unsold units	1,793	2,277	1,638	1,651	3,074	2,809
	Prestasi jualan / Sales performance	49.6	49.8	Nilai (RM Juta) / Value (RM Million)	172.30	215.40	NA	NA	NA	NA
Melaka	Unit dilancar / Unit launched	1,308	1,528	Unit dilancar / Unit launched	8,244	7,300	2,319	2,716	281	416
	Unit dijual / Unit sold	642	499	Unit tidak terjual / Unsold units	1,833	1,952	1,155	1,547	271	380
	Prestasi jualan / Sales performance	49.1	32.7	Nilai (RM Juta) / Value (RM Million)	254.88	260.91	NA	NA	NA	NA
Kedah	Unit dilancar / Unit launched	3,903	2,874	Unit dilancar / Unit launched	6,256	4,689	8,873	9,121	1,568	1,533
	Unit dijual / Unit sold	1,388	880	Unit tidak terjual / Unsold units	1,399	1,270	3,019	4,399	1,133	1,339
	Prestasi jualan / Sales performance	35.6	30.6	Nilai (RM Juta) / Value (RM Million)	145.91	143.20	NA	NA	NA	NA
Pahang	Unit dilancar / Unit launched	3,929	3,546	Unit dilancar / Unit launched	1,825	2,011	5,410	4,593	1,279	2,010
	Unit dijual / Unit sold	2,040	2,080	Unit tidak terjual / Unsold units	465	726	2,305	2,499	1,160	1,443
	Prestasi jualan / Sales performance	51.9	58.7	Nilai (RM Juta) / Value (RM Million)	58.49	83.98	NA	NA	NA	NA
Terengganu	Unit dilancar / Unit launched	1,126	871	Unit dilancar / Unit launched	0	0	808	1,171	140	291
	Unit dijual / Unit sold	676	261	Unit tidak terjual / Unsold units	0	0	460	487	105	173
	Prestasi jualan / Sales performance	60.0	30.0	Nilai (RM Juta) / Value (RM Million)	0.00	0.00	NA	NA	NA	NA
Kelantan	Unit dilancar / Unit launched	287	1,509	Unit dilancar / Unit launched	405	388	1,240	1,255	576	810
	Unit dijual / Unit sold	232	701	Unit tidak terjual / Unsold units	297	268	573	746	564	681
	Prestasi jualan / Sales performance	80.8	46.5	Nilai (RM Juta) / Value (RM Million)	32.12	29.30	NA	NA	NA	NA
Perlis	Unit dilancar / Unit launched	370	415	Unit dilancar / Unit launched	156	156	22	193	0	0
	Unit dijual / Unit sold	323	203	Unit tidak terjual / Unsold units	108	52	10	14	0	0
	Prestasi jualan / Sales performance	87.3	48.9	Nilai (RM Juta) / Value (RM Million)	11.74	6.98	NA	NA	NA	NA
Sabah	Unit dilancar / Unit launched	2,447	2,398	Unit dilancar / Unit launched	12,781	13,153	10,712	10,582	904	1,335
	Unit dijual / Unit sold	677	1,088	Unit tidak terjual / Unsold units	3,227	3,313	4,913	5,867	818	1,177
	Prestasi jualan / Sales performance	27.7	45.4	Nilai (RM Juta) / Value (RM Million)	453.68	496.19	NA	NA	NA	NA
Sarawak	Unit dilancar / Unit launched	1,970	4,189	Unit dilancar / Unit launched	4,964	4,148	2,009	3,361	40	214
	Unit dijual / Unit sold	792	1,774	Unit tidak terjual / Unsold units	848	686	953	1,442	40	121
	Prestasi jualan / Sales performance	40.2	42.3	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, 2009 dan 2010
Table 9A: Number of unsold shop units in Malaysia, 2009 and 2010

		Siap dibina Completed		Dalam pembinaan Under construction		Belum dibina Not constructed	
		2009	2010	2009	2010	2009	2010
MALAYSIA	Unit dilancar / Unit launched	16,512	15,957	8,936	9,073	1,631	1,736
	Unit tidak terjual / Unsold units	5,265	5,550	4,685	4,803	1,072	1,224
	Nilai (RM Juta) / Value (RM Million)	1816.33	1667.86	NA	NA	NA	NA
W.P. Kuala Lumpur	Unit dilancar / Unit launched	446	478	492	217	97	0
	Unit tidak terjual / Unsold units	55	72	125	118	30	0
	Nilai (RM Juta) / Value (RM Million)	31.32	89.99	NA	NA	NA	NA
W.P. Putrajaya	Unit dilancar / Unit launched	0	0	87	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
W.P. Labuan	Unit dilancar / Unit launched	0	0	74	74	0	0
	Unit tidak terjual / Unsold units	0	0	32	18	0	0
	Nilai (RM Juta) / Value (RM Million)	0.00	0.00	NA	NA	NA	NA
Selangor	Unit dilancar / Unit launched	3,120	2,548	1,937	1,691	378	501
	Unit tidak terjual / Unsold units	940	473	985	970	93	251
	Nilai (RM Juta) / Value (RM Million)	630.21	173.59	NA	NA	NA	NA
Johor	Unit dilancar / Unit launched	5,362	5,191	2,246	1,998	438	427
	Unit tidak terjual / Unsold units	2,267	2,456	1,212	1,221	421	393
	Nilai (RM Juta) / Value (RM Million)	528.89	612.34	NA	NA	NA	NA
Pulau Pinang	Unit dilancar / Unit launched	115	115	60	48	0	12
	Unit tidak terjual / Unsold units	60	60	46	43	0	9
	Nilai (RM Juta) / Value (RM Million)	18.67	18.67	NA	NA	NA	NA
Perak	Unit dilancar / Unit launched	544	718	858	927	37	112
	Unit tidak terjual / Unsold units	182	280	432	346	36	106
	Nilai (RM Juta) / Value (RM Million)	56.80	79.14	NA	NA	NA	NA
Negeri Sembilan	Unit dilancar / Unit launched	2,272	2,189	500	704	113	113
	Unit tidak terjual / Unsold units	684	667	291	210	42	42
	Nilai (RM Juta) / Value (RM Million)	156.34	151.42	NA	NA	NA	NA
Melaka	Unit dilancar / Unit launched	911	1,289	481	610	132	213
	Unit tidak terjual / Unsold units	338	532	285	264	91	119
	Nilai (RM Juta) / Value (RM Million)	66.27	94.01	NA	NA	NA	NA
Kedah	Unit dilancar / Unit launched	152	221	634	991	54	54
	Unit tidak terjual / Unsold units	74	91	483	796	37	37
	Nilai (RM Juta) / Value (RM Million)	12.21	16.95	NA	NA	NA	NA
Pahang	Unit dilancar / Unit launched	739	747	475	672	196	120
	Unit tidak terjual / Unsold units	189	175	245	253	172	111
	Nilai (RM Juta) / Value (RM Million)	102.71	97.61	NA	NA	NA	NA
Terengganu	Unit dilancar / Unit launched	0	0	39	28	18	0
	Unit tidak terjual / Unsold units	0	0	13	13	13	0
	Nilai (RM Juta) / Value (RM Million)	0.00	0.00	NA	NA	NA	NA
Kelantan	Unit dilancar / Unit launched	138	277	404	360	65	81
	Unit tidak terjual / Unsold units	28	86	220	230	62	81
	Nilai (RM Juta) / Value (RM Million)	19.60	60.20	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)	0.00	0.00	NA	NA	NA	NA
Sabah	Unit dilancar / Unit launched	1,385	777	487	495	103	103
	Unit tidak terjual / Unsold units	223	247	187	152	75	75
	Nilai (RM Juta) / Value (RM Million)	103.70	102.91	NA	NA	NA	NA
Sarawak	Unit dilancar / Unit launched	1,328	1,407	249	258	0	0
	Unit tidak terjual / Unsold units	225	411	129	169	0	0
	Nilai (RM Juta) / Value (RM Million)	89.63	171.07	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, 2009 dan 2010

Table 10A: Number of unsold industrial units in Malaysia, 2009 and 2010

		Siap dibina <i>Completed</i>		Dalam pembinaan <i>Under construction</i>		Belum dibina <i>Not constructed</i>	
		2009	2010	2009	2010	2009	2010
Malaysia	Unit dilancar / <i>Unit launched</i>	1427	1314	1,335	1,003	1,179	1,071
	Unit tidak terjual / <i>Unsold units</i>	641	655	654	478	803	770
	Nilai (RM Juta) / <i>Value (RM Million)</i>	339.83	353.38	ND	ND	ND	ND
W.P. Kuala Lumpur	Unit dilancar / <i>Unit launched</i>	0	0	14	0	0	0
	Unit tidak terjual / <i>Unsold units</i>	0	0	8	0	0	0
	Nilai (RM Juta) / <i>Value (RM Million)</i>	0.0	0.0	NA	NA	NA	NA
W.P. Putrajaya	Unit dilancar / <i>Unit launched</i>	0	0	0	0	0	0
	Unit tidak terjual / <i>Unsold units</i>	0	0	0	0	0	0
	Nilai (RM Juta) / <i>Value (RM Million)</i>	0.0	0.0	NA	NA	NA	NA
W.P. Labuan	Unit dilancar / <i>Unit launched</i>	0	0	0	0	0	0
	Unit tidak terjual / <i>Unsold units</i>	0	0	0	0	0	0
	Nilai (RM Juta) / <i>Value (RM Million)</i>	0.0	0.0	NA	NA	NA	NA
Selangor	Unit dilancar / <i>Unit launched</i>	481	421	518	525	0	0
	Unit tidak terjual / <i>Unsold units</i>	218	212	227	220	0	0
	Nilai (RM Juta) / <i>Value (RM Million)</i>	108.12	106.15	NA	NA	NA	NA
Johor	Unit dilancar / <i>Unit launched</i>	215	215	24	28	126	126
	Unit tidak terjual / <i>Unsold units</i>	144	141	14	23	97	86
	Nilai (RM Juta) / <i>Value (RM Million)</i>	76.19	72.00	NA	NA	NA	NA
Pulau Pinang	Unit dilancar / <i>Unit launched</i>	199	222	66	43	0	0
	Unit tidak terjual / <i>Unsold units</i>	25	40	64	43	0	0
	Nilai (RM Juta) / <i>Value (RM Million)</i>	6.34	12.19	NA	NA	NA	NA
Perak	Unit dilancar / <i>Unit launched</i>	35	52	41	32	30	30
	Unit tidak terjual / <i>Unsold units</i>	15	27	29	16	30	30
	Nilai (RM Juta) / <i>Value (RM Million)</i>	2.29	10.69	NA	NA	NA	NA
Negeri Sembilan	Unit dilancar / <i>Unit launched</i>	91	28	18	40	88	88
	Unit tidak terjual / <i>Unsold units</i>	36	16	16	34	88	88
	Nilai (RM Juta) / <i>Value (RM Million)</i>	10.26	5.03	NA	NA	NA	NA
Melaka	Unit dilancar / <i>Unit launched</i>	49	49	0	0	757	827
	Unit tidak terjual / <i>Unsold units</i>	36	36	0	0	498	566
	Nilai (RM Juta) / <i>Value (RM Million)</i>	12.03	12.03	NA	NA	NA	NA
Kedah	Unit dilancar / <i>Unit launched</i>	91	24	187	187	0	0
	Unit tidak terjual / <i>Unsold units</i>	36	20	84	66	0	0
	Nilai (RM Juta) / <i>Value (RM Million)</i>	63.27	58.26	NA	NA	NA	NA
Pahang	Unit dilancar / <i>Unit launched</i>	71	0	108	0	37	0
	Unit tidak terjual / <i>Unsold units</i>	29	0	40	0	28	0
	Nilai (RM Juta) / <i>Value (RM Million)</i>	7.19	0.0	NA	NA	NA	NA
Terengganu	Unit dilancar / <i>Unit launched</i>	77	77	0	0	0	0
	Unit tidak terjual / <i>Unsold units</i>	54	48	0	0	0	0
	Nilai (RM Juta) / <i>Value (RM Million)</i>	25.80	22.56	NA	NA	NA	NA
Kelantan	Unit dilancar / <i>Unit launched</i>	0	0	0	0	0	0
	Unit tidak terjual / <i>Unsold units</i>	0	0	0	0	0	0
	Nilai (RM Juta) / <i>Value (RM Million)</i>	0.0	0.0	NA	NA	NA	NA
Perlis	Unit dilancar / <i>Unit launched</i>	0	0	0	0	0	0
	Unit tidak terjual / <i>Unsold units</i>	0	0	0	0	0	0
	Nilai (RM Juta) / <i>Value (RM Million)</i>	0.0	0.0	NA	NA	NA	NA
Sabah	Unit dilancar / <i>Unit launched</i>	68	176	359	43	0	0
	Unit tidak terjual / <i>Unsold units</i>	38	105	172	41	0	0
	Nilai (RM Juta) / <i>Value (RM Million)</i>	24.58	50.73	NA	NA	NA	NA
Sarawak	Unit dilancar / <i>Unit launched</i>	50	50	0	105	141	0
	Unit tidak terjual / <i>Unsold units</i>	10	10	0	35	62	0
	Nilai (RM Juta) / <i>Value (RM Million)</i>	3.75	3.75	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, 2009 dan 2010

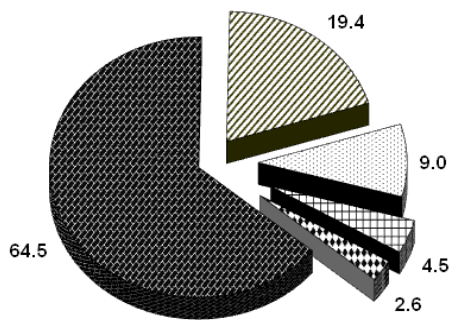
Table 11A: The housing price index (2000=100) by type of houses and by region, 2009 and 2010

Negeri State	Semua rumah All houses			Teres Terraced			Bertingkat tinggi High-rise			Sesebuah Detached			Berkembar Semi-detached		
	2009	2010	% Perubahan Change	2009	2010	% Perubahan Change	2009	2010	% Perubahan Change	2009	2010	% Perubahan Change	2009	2010	% Perubahan Change
W.P. Kuala Lumpur	142.0	159.3	12.2	141.7	153.5	8.3	120.3	132.0	9.7	157.5	187.4	19.0	154.2	180.0	16.7
Selangor	123.6	134.7	9.0	123.4	136.4	10.5	102.1	109.2	7.0	132.0	142.5	8.0	140.3	140.5	0.1
Johor	95.5	98.1	2.7	94.4	96.1	1.8	94.5	99.8	5.6	93.0	97.0	4.3	104.1	111.6	7.2
Pulau Pinang	145.4	150.5	3.5	167.0	176.4	5.6	143.0	148.7	4.0	113.8	106.4	-6.5	110.5	108.6	-1.7
Negeri Sembilan	130.0	134.9	3.8	129.4	133.9	3.5	90.5	87.0	-3.9	135.6	145.7	7.4	135.5	139.3	2.8
Perak	145.7	153.2	5.1	146.3	152.0	3.9	N/A	N/A	N/A	157.4	167.9	6.7	135.1	150.9	11.7
Melaka	135.9	141.6	4.2	144.0	149.2	3.6	95.6	104.0	8.8	83.8	84.7	1.1	124.4	134.8	8.4
Kedah	148.2	156.8	5.8	148.5	155.6	4.8	N/A	161.4	N/A	150.0	161.4	7.6	147.6	158.5	7.4
Pahang	158.2	159.6	0.9	151.8	156.4	3.0	N/A	N/A	N/A	200.8	181.2	-9.8	198.8	207.1	4.2
Terengganu	160.6	172.7	7.5	163.1	175.8	7.8	N/A	N/A	N/A	151.8	160.9	6.0	165.7	180.2	8.8
Kelantan	134.2	147.3	9.8	144.6	160.4	10.9	N/A	N/A	N/A	98.8	109.8	11.1	154.3	165.0	6.9
Perlis	160.5	169.4	5.5	157.7	168.8	7.0	N/A	N/A	N/A	N/A	N/A	N/A	165.8	170.6	2.9
Sabah	196.3	217.2	10.6	206.3	223.3	8.2	144.7	161.9	11.9	194.1	181.7	-6.4	202.6	242.1	19.5
Sarawak	143.0	152.8	6.9	144.1	151.5	5.1	N/A	N/A	N/A	153.2	152.9	-0.2	139.3	153.8	10.4
Malaysia	131.9	140.7	6.7	129.9	138.3	6.5	123.4	131.0	6.2	142.8	153.4	7.4	138.6	149.1	7.6

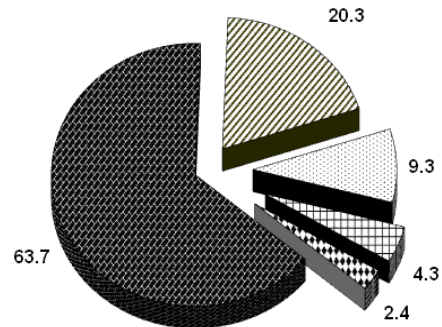
Sumber: Indeks Harga Rumah Malaysia, NAPIC

Source: The Malaysian House Price Index, NAPIC

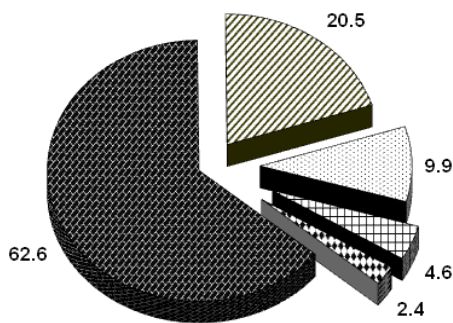
Carta 1A: Jumlah dan peratus pecahan pindah milik harta mengikut subsektor, 2007 - 2010
Chart 1A: Total and percentage share of properties transacted by sub-sector, 2007 - 2010



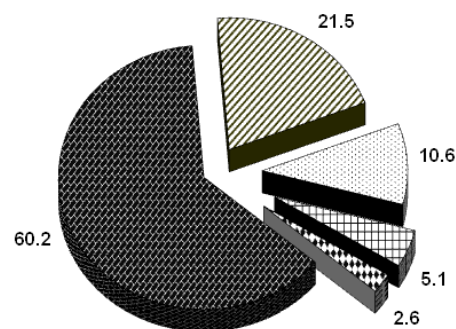
2007 Jumlah / Total: 309,455








2008 Jumlah / Total: 340,240



2009 Jumlah / Total: 337,859



2010 Jumlah / Total: 376,583

		Bilangan harta/ Number of properties				% Pecahan/ Share			
		2007	2008	2009	2010	2007	2008	2009	2010
Kediaman/ Residential		199,482	216,702	211,600	226,874	64.5	63.7	62.6	60.2
Pertanian/ Agriculture		60,155	68,954	69,187	81,030	19.4	20.3	20.5	21.5
Perdagangan/ Commercial		27,900	31,749	33,329	39,798	9.0	9.3	9.9	10.6
Pembangunan dan lain-lain/ Development and others		13,999	14,709	15,685	19,043	4.5	4.3	4.6	5.1
Perindustrian/ Industrial		7,919	8,126	8,058	9,838	2.6	2.4	2.4	2.6
Jumlah/ Total		309,455	340,240	337,859	376,583	100.0	100.0	100.0	100.0

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2011



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LAMPIRAN 1

APPENDIX 1

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



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 pembetulan (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 kemasan 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 kemasan 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