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*ECONOMIC CENSUS*

**2016**

**PERKHIDMATAN PROFESIONAL**  
*PROFESSIONAL SERVICES*

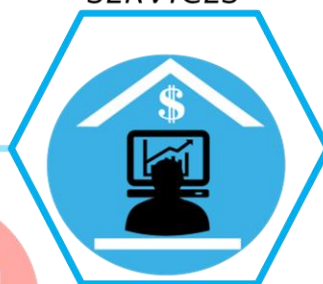
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**JABATAN PERANGKAAN MALAYSIA**  
*DEPARTMENT OF STATISTICS, MALAYSIA*





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*DEPARTMENT OF STATISTICS, MALAYSIA*

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# KATA PENGANTAR

Penerbitan ini memaparkan perangkaan bagi perkhidmatan profesional yang diperoleh daripada Banci Ekonomi 2016 bagi tahun rujukan 2015. Perkhidmatan profesional merangkumi aktiviti arkitek; kejuruteraan; juru ukur tanah & bahan; perakaunan; guaman; pengiklanan; pakar runding pengurusan dan penyelidikan pasaran; veterinar; penyelidikan & pembangunan saintifik dan ujian teknikal & analisis; dan profesional lain. Perkhidmatan ini meliputi semua industri dalam Seksyen M yang dikelaskan di bawah Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Ver. 1.0, selaras dengan Piawaian Klasifikasi Industri Antarabangsa bagi Semua Aktiviti Ekonomi (ISIC), Semakan Ke-4, 2008. Kali terakhir banci ini dijalankan adalah pada tahun 2011 bagi tahun rujukan 2010.

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

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

Jabatan merakamkan setinggi-tinggi penghargaan atas kerjasama yang diberikan oleh reponden dan juga semua pihak yang telah menyumbang secara langsung dan tidak langsung dalam menjayakan banci ini. Setiap maklum balas dan cadangan untuk penambahbaikan laporan ini pada masa akan datang amat dihargai.

**DR. MOHD UZIR BIN MAHIDIN**  
Ketua Perangkawan Malaysia

**Julai 2017**

## PREFACE

*This publication presents statistics on professional services obtained from the Economic Census 2016 for reference year 2015. Professional services encompass of architectural; engineering; land & quantity surveying; accounting; legal; advertising; management consultancy and market research; veterinary; scientific research & development and technical testing & analysis; and other professional activities. These services include all industries in Section M classified under the Standard Industrial Classification (MSIC) 2008 Ver. 1.0, in accordance with the International Standard Industrial Classification of All Economic Activities (ISIC), Revision 4, 2008. The last census was conducted in 2011 for reference year 2010.*

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

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

*The Department gratefully acknowledges the co-operation rendered by the respondents as well as all parties who have contributed directly and indirectly in making this census a success. Every feedback and suggestion towards improving future reports is highly appreciated.*

**DR. MOHD UZIR BIN MAHIDIN**  
Chief Statistician Malaysia

**July 2017**

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**BAHAGIAN 1**

**PENEMUAN  
UTAMA  
DAN  
RINGKASAN  
PENEMUAN**

*PART 1*

*MAIN  
FINDINGS  
AND  
SUMMARY OF  
FINDINGS*

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# BANCI EKONOMI 2016



## PENEMUAN UTAMA PROFESIONAL



### Bilangan pertubuhan



### Nilai output kasar

### Nilai input perantara

### Nilai ditambah



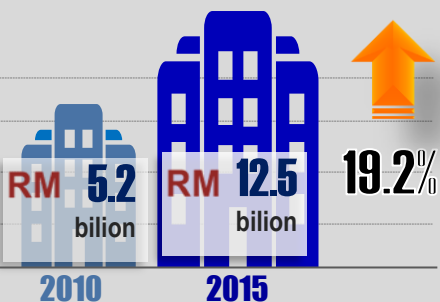
### Bilangan pekerja



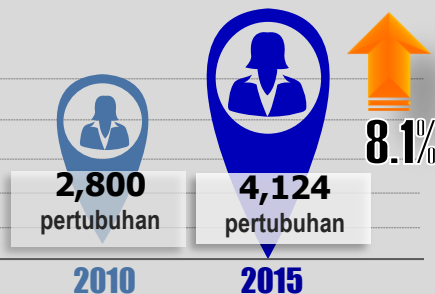
### Gaji & upah



### Nilai harta tetap



### Bilangan pertubuhan milikan wanita





# ECONOMIC CENSUS 2016



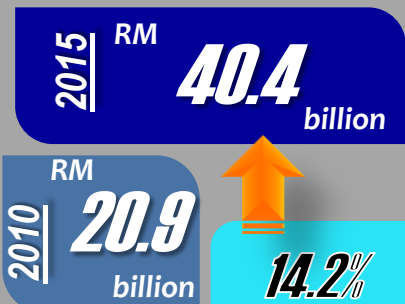
## MAIN FINDINGS PROFESSIONAL



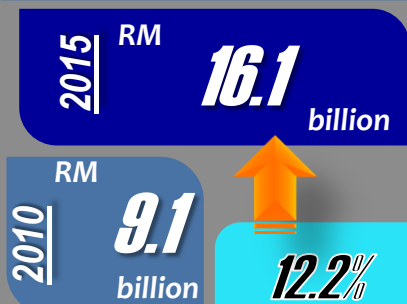
### Number of establishments



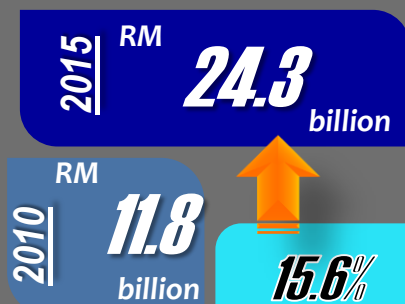
### Value of gross output



### Value of intermediate input



### Value added



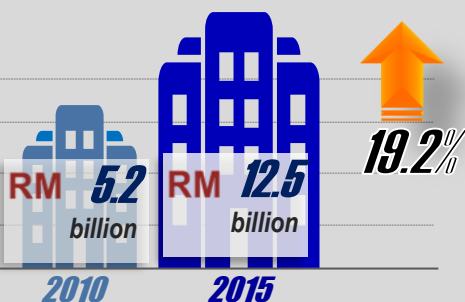
### Number of persons engaged



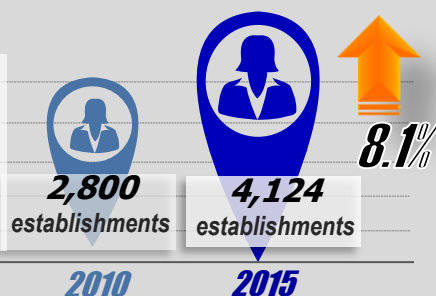
### Salaries & wages



### Value of fixed assets



### Number of women-owned establishments



## 1. PENGENALAN

Penerbitan ini membentangkan perangkaan bagi perkhidmatan profesional berdasarkan Banci Ekonomi yang dijalankan pada tahun 2016 bagi tahun rujukan 2015. Perkhidmatan profesional merangkumi aktiviti arkitek; kejuruteraan; juru ukur tanah & bahan; perakaunan; guaman; pengiklanan; pakar runding pengurusan dan penyelidikan pasaran; veterinar; penyelidikan & pembangunan saintifik dan ujian teknikal & analisis; dan profesional lain.

## 2. PRESTASI PERKHIDMATAN PROFESIONAL

Penemuan Banci Ekonomi 2016 menunjukkan sebanyak 34,045 pertubuhan yang beroperasi pada tahun 2015 seperti di **Jadual 1**. Nilai output kasar yang dijana oleh perkhidmatan ini adalah berjumlah RM40.4 bilion manakala nilai ditambah adalah RM24.3 bilion. Jumlah pekerja yang terlibat adalah seramai 314,292 orang dengan gaji & upah yang dibayar sebanyak RM10.1 bilion. Sementara itu, nilai harta tetap yang dimiliki pada tahun 2015 adalah sebanyak RM12.5 bilion.

**Jadual 1: Perangkaan Utama Perkhidmatan Profesional, 2010 dan 2015**

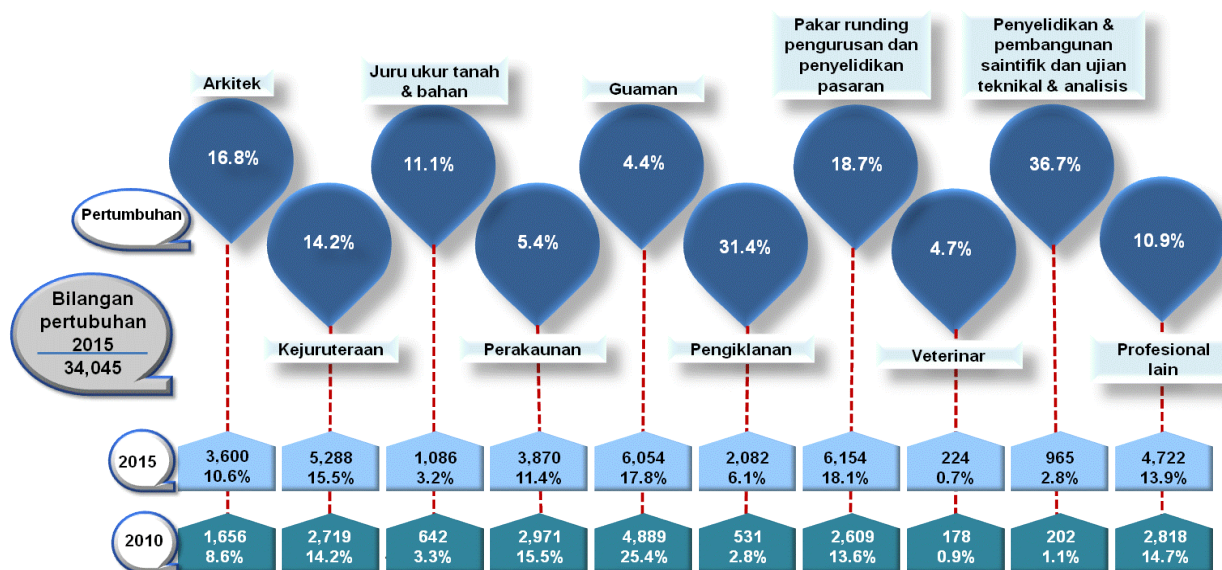
|             | Bilangan pertubuhan | Nilai output kasar (RM b) | Nilai input perantara (RM b) | Nilai ditambah (RM b) | Bilangan pekerja | Gaji & upah (RM b) | Nilai harta tetap (RM b) |
|-------------|---------------------|---------------------------|------------------------------|-----------------------|------------------|--------------------|--------------------------|
| 2015        | 34,045              | 40.4                      | 16.1                         | 24.3                  | 314,292          | 10.1               | 12.5                     |
| 2010        | 19,215              | 20.9                      | 9.1                          | 11.8                  | 165,062          | 4.4                | 5.2                      |
| Pertumbuhan | 12.1%               | 14.2%                     | 12.2%                        | 15.6%                 | 13.8%            | 17.8%              | 19.2%                    |

## 3. BILANGAN PERTUBUHAN

Pada tahun 2015, sejumlah 34,045 pertubuhan beroperasi dalam perkhidmatan profesional berbanding 19,215 pada tahun 2010. Dalam tempoh ini, bilangan pertubuhan meningkat sebanyak 14,830 pertubuhan dengan kadar pertumbuhan tahunan 12.1 peratus. Aktiviti pakar runding pengurusan dan penyelidikan pasaran mencatatkan bilangan pertubuhan tertinggi sebanyak 6,154 pertubuhan dengan sumbangan 18.1 peratus. Ini diikuti oleh aktiviti guaman (6,054 pertubuhan; 17.8%) dan aktiviti kejuruteraan (5,288 pertubuhan; 15.5%) seperti yang ditunjukkan pada **Paparan 1**.

# RINGKASAN PENEMUAN

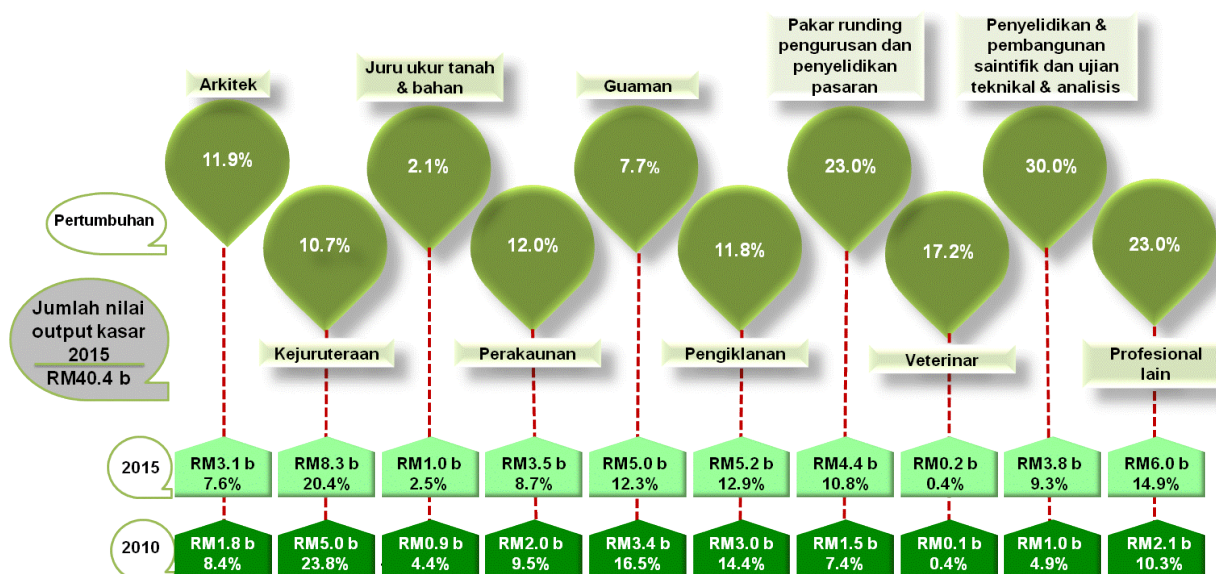
**Paparan 1: Bilangan Pertubuhan Perkhidmatan Profesional mengikut Aktiviti, 2010 dan 2015**



## 4. NILAI OUTPUT KASAR

Nilai output kasar yang dijana bagi perkhidmatan ini merekodkan RM40.4 bilion pada tahun 2015 dengan kadar pertumbuhan tahunan 14.2 peratus setahun seperti di **Paparan 2**. Nilai output kasar tertinggi disumbangkan oleh aktiviti kejuruteraan iaitu sebanyak RM8.3 bilion dengan sumbangan 20.4 peratus. Ini diikuti oleh aktiviti profesional lain (RM6.0 bilion; 14.9%) dan aktiviti pengiklanan (RM5.2 bilion; 12.9%).

**Paparan 2: Nilai Output Kasar Perkhidmatan Profesional mengikut Aktiviti, 2010 dan 2015**

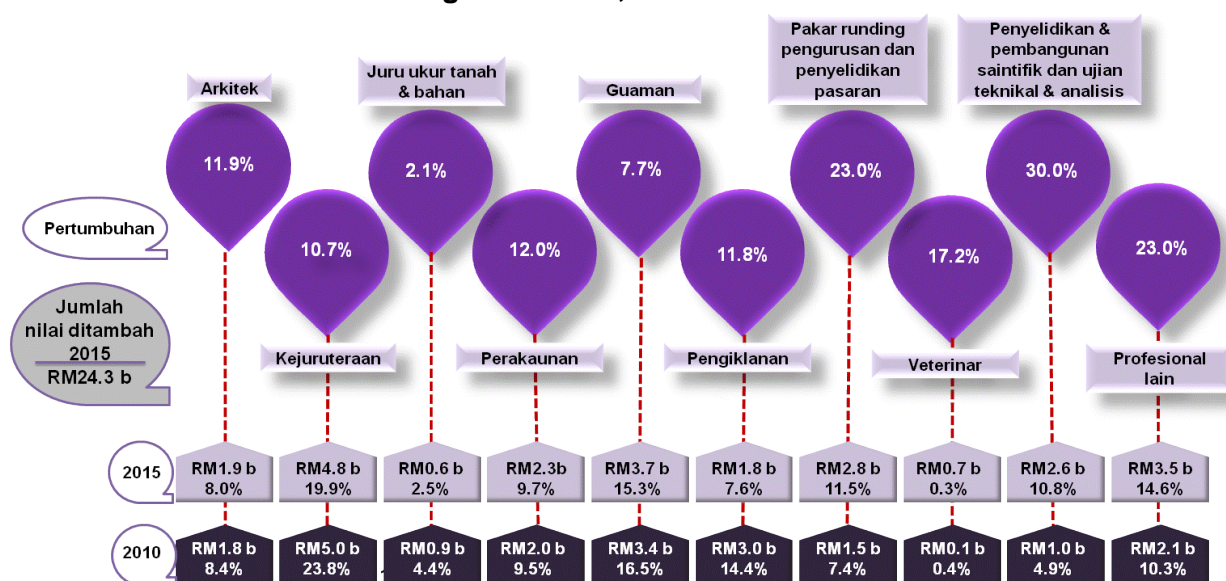




## 5. NILAI DITAMBAH

Pada tahun 2015, nilai ditambah bagi perkhidmatan profesional adalah RM24.3 bilion (2010: RM11.8 bilion) dengan kadar pertumbuhan tahunan 15.6 peratus setahun. **Paparan 3** memaparkan peratus sumbangan nilai ditambah bagi perkhidmatan ini mengikut aktiviti. Selari dengan nilai output kasar, aktiviti kejuruteraan merekodkan nilai ditambah tertinggi iaitu RM4.8 bilion dengan sumbangan 19.9 peratus. Ini diikuti oleh aktiviti guaman (RM3.7 bilion; 15.3%) dan aktiviti profesional lain (RM3.5 bilion; 14.6%).

**Paparan 3: Nilai Ditambah Perkhidmatan Profesional mengikut Aktiviti, 2010 dan 2015**

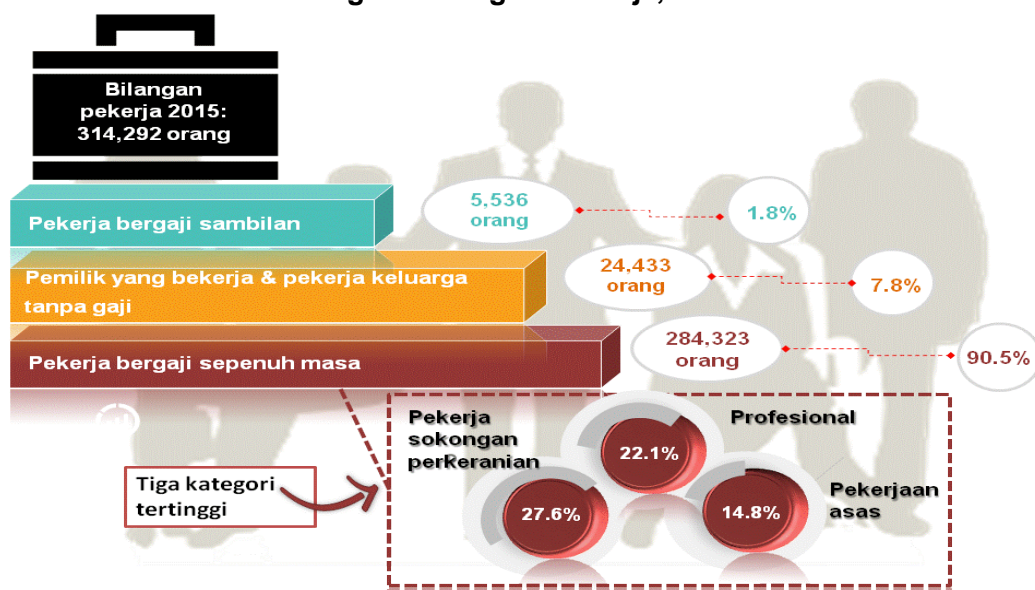


## 6. BILANGAN PEKERJA

Perkhidmatan profesional merekodkan bilangan pekerja seramai 314,292 orang bagi tahun 2015 berbanding 165,062 orang pada tahun 2010 dengan kadar pertumbuhan tahunan 13.8 peratus setahun. Pekerja bergaji sepenuh masa merekodkan seramai 284,323 orang dengan sumbangan 90.5 peratus. Ini diikuti oleh pemilik yang bekerja dan pekerja keluarga tanpa gaji (24,433 orang; 7.8%) dan pekerja bergaji sambilan (5,536 orang; 1.8%) seperti di **Paparan 4**.

Bagi pekerja bergaji sepenuh masa, pekerja sokongan perkeranian merekodkan bilangan pekerja yang tertinggi seramai 78,518 orang dengan sumbangan 27.6 peratus. Ini diikuti oleh kategori profesional (62,854 orang; 22.1%) dan pekerja asas (42,035 orang; 14.8%).

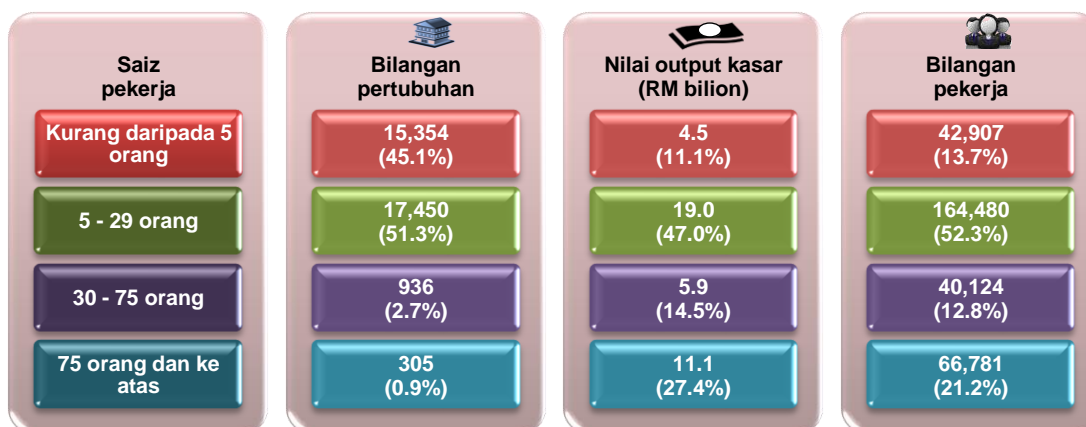
## Paparan 4: Bilangan Pekerja Perkhidmatan Profesional mengikut Kategori Pekerja, 2015



### 6.1 SAIZ PEKERJA

Pertubuhan dengan saiz pekerja di antara 5 hingga 29 orang merupakan penyumbang tertinggi dengan 17,450 pertubuhan atau 51.3 peratus. Kumpulan saiz pekerja ini juga merupakan penyumbang terbesar kepada nilai output kasar dan bilangan pekerja iaitu masing-masing 47.0 peratus dan 52.3 peratus seperti yang ditunjukkan dalam **Paparan 5**.

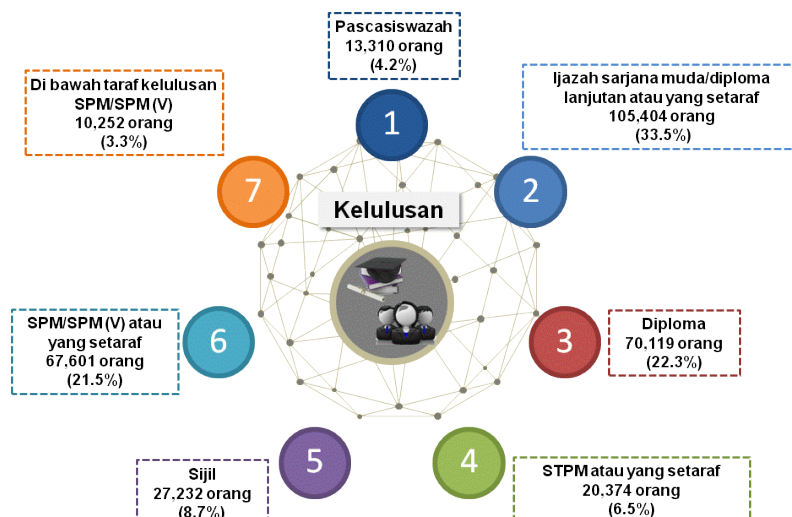
## Paparan 5: Saiz Pekerja Perkhidmatan Profesional, 2015



### 6.2 KELULUSAN PEKERJA

Majoriti pekerja dalam perkhidmatan ini adalah terdiri daripada pekerja yang berkelulusan ijazah sarjana muda/diploma lanjutan atau setaraf iaitu seramai 105,404 orang atau 33.5 peratus. Ini diikuti oleh pekerja dengan kelulusan diploma seramai 70,119 orang (22.3%) dan SPM/SPM (V) atau yang setaraf seramai 67,601 orang (21.5%) seperti yang ditunjukkan dalam **Paparan 6**.

## Paparan 6: Bilangan Pekerja Perkhidmatan Profesional mengikut Kelulusan, 2015



## 7. GAJI & UPAH

Jumlah gaji & upah yang dibayar pada tahun 2015 adalah sebanyak RM10.1 bilion dengan kadar pertumbuhan tahunan 17.8 peratus seperti yang ditunjukkan pada **Paparan 7**. Aktiviti kejuruteraan mencatatkan jumlah gaji & upah tertinggi iaitu RM1.8 bilion dengan sumbangan 17.6 peratus, diikuti oleh aktiviti pakar runding pengurusan dan penyelidikan pasaran (RM1.5 bilion; 14.8%) dan aktiviti profesional lain (RM1.3 bilion; 13.4%).

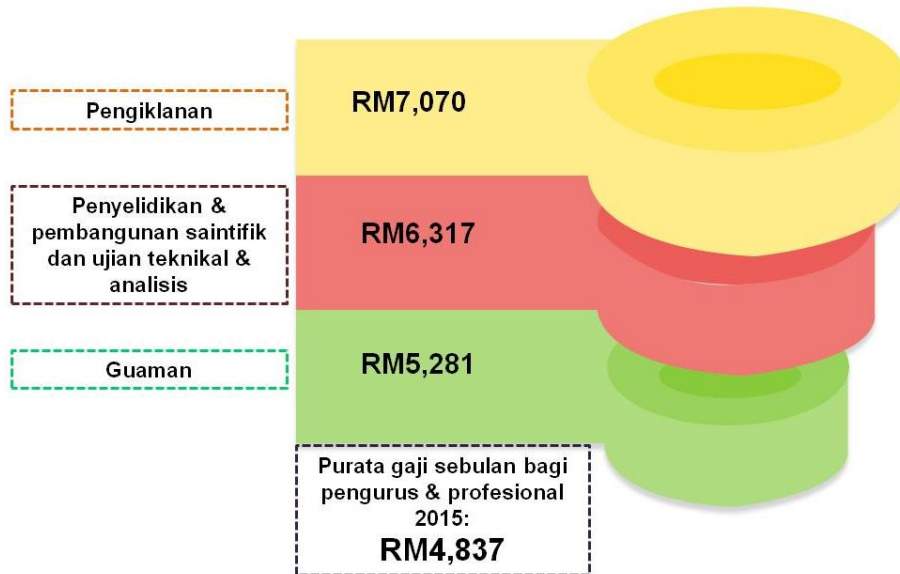
Perkhidmatan profesional mencatatkan purata gaji bulanan sebanyak RM2,896 berbanding RM2,494 pada tahun 2010 dengan kadar pertumbuhan tahunan 3.0 peratus setahun. Purata gaji bulanan tertinggi dicatatkan oleh aktiviti penyelidikan & pembangunan saintifik dan ujian teknikal & analisis sebanyak RM3,774, diikuti oleh aktiviti perakaunan (RM3,229) dan aktiviti pengiklanan (RM3,194).

## Paparan 7: Gaji & Upah dan Purata Gaji Sebulan Perkhidmatan Profesional mengikut Aktiviti, 2010 dan 2015

|  | Sumbangan | 2010          | 2015           | Sumbangan | Pertumbuhan | Purata gaji sebulan |
|--|-----------|---------------|----------------|-----------|-------------|---------------------|
| Arkitek  | 9.0%      | RM0.4b        | RM0.8b         | 7.9%      | 14.4%       | RM2,670             |
| Kejuruteraan   | 22.7%     | RM1.0b        | RM1.8b         | 17.8%     | 12.9%       | RM2,634             |
| Juru ukur tanah & bahan  | 4.4%      | RM0.2b        | RM0.3b         | 2.9%      | 3.7%        | RM2,272             |
| Perakaunan   | 15.9%     | RM0.7b        | RM1.3b         | 12.8%     | 11.1%       | RM3,229             |
| Guaman   | 22.7%     | RM1.0b        | RM1.2b         | 11.9%     | 4.0%        | RM2,748             |
| Pengiklanan  | 6.8%      | RM0.3b        | RM1.1b         | 10.8%     | 31.3%       | RM3,194             |
| Pakar runding pengurusan dan penyelidikan pasaran                  | 9.0%      | RM0.4b        | RM1.5b         | 14.8%     | 28.5%       | RM3,036             |
| Veterinar  | 0.4%      | RM0.02b       | RM0.04b        | 0.4%      | 19.7%       | RM2,528             |
| Penyelidikan & pembangunan saintifik dan ujian teknikal & analisis | 2.3%      | RM0.1b        | RM0.8b         | 7.9%      | 45.9%       | RM3,774             |
| Profesional lain   | 6.8%      | RM0.3b        | RM1.3b         | 12.8%     | 37.3%       | RM2,683             |
| <b>Jumlah</b>  |           | <b>RM4.4b</b> | <b>RM10.1b</b> |           |             |                     |

Purata gaji bulanan perkhidmatan profesional bagi kategori pengurus dan profesional adalah sebanyak RM4,837. Aktiviti pengiklanan mencatatkan purata gaji bulanan tertinggi bagi kategori ini iaitu sebanyak RM7,070, diikuti oleh aktiviti penyelidikan & pembangunan saintifik dan ujian teknikal & analisis (RM6,317) dan aktiviti guaman (RM5,281) seperti di **Paparan 8**.

**Paparan 8: Purata Gaji Bulanan Perkhidmatan Profesional bagi Kategori Pengurus dan Profesional, 2015**



## 8. PRESTASI MENGIKUT NEGERI





















**Paparan 9** menunjukkan bilangan pertubuhan, nilai output kasar dan nilai ditambah bagi perkhidmatan profesional mengikut negeri. Selangor mencatatkan bilangan pertubuhan tertinggi sebanyak 11,564 pertubuhan daripada keseluruhan bilangan pertubuhan dalam perkhidmatan profesional dengan kadar pertumbuhan tahunan 16.0 peratus setahun di antara 2010 dan 2015. Ini diikuti oleh W.P. Kuala Lumpur (8,992 pertubuhan; 9.7%) dan Johor (3,185 pertubuhan; 13.8%).

W.P. Kuala Lumpur merekodkan sumbangan tertinggi dari segi nilai output kasar iaitu sebanyak RM17.8 bilion dengan kadar pertumbuhan tahunan 10.4 peratus, diikuti oleh Selangor (RM13.5 bilion; 19.8%) dan Pulau Pinang (RM2.0 bilion; 23.2%). Selari dengan prestasi nilai output kasar, W.P. Kuala Lumpur juga adalah penyumbang yang tertinggi bagi nilai ditambah iaitu RM10.5 bilion dengan kadar pertumbuhan tahunan 12.3 peratus, diikuti oleh Selangor (RM7.9 bilion; 21.3%) dan Pulau Pinang (RM1.3 bilion; 21.8%). **Paparan 10** menunjukkan perangkaan utama lain bagi perkhidmatan profesional mengikut negeri.



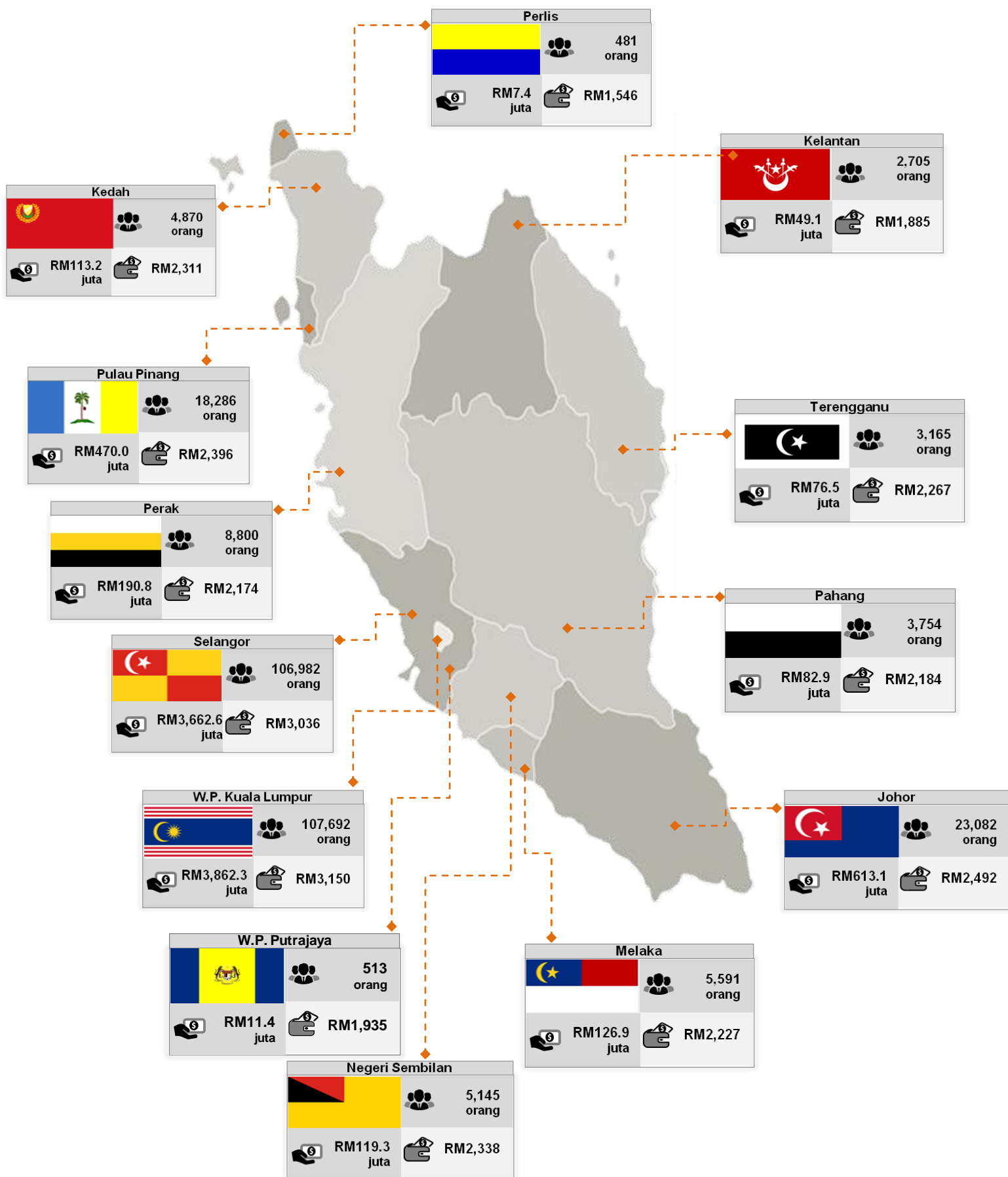
# RINGKASAN PENEMUAN

Paparan 9: Bilangan Pertubuhan, Nilai Output Kasar dan Nilai Ditambah Perkhidmatan Profesional mengikut Negeri, 2010 dan 2015

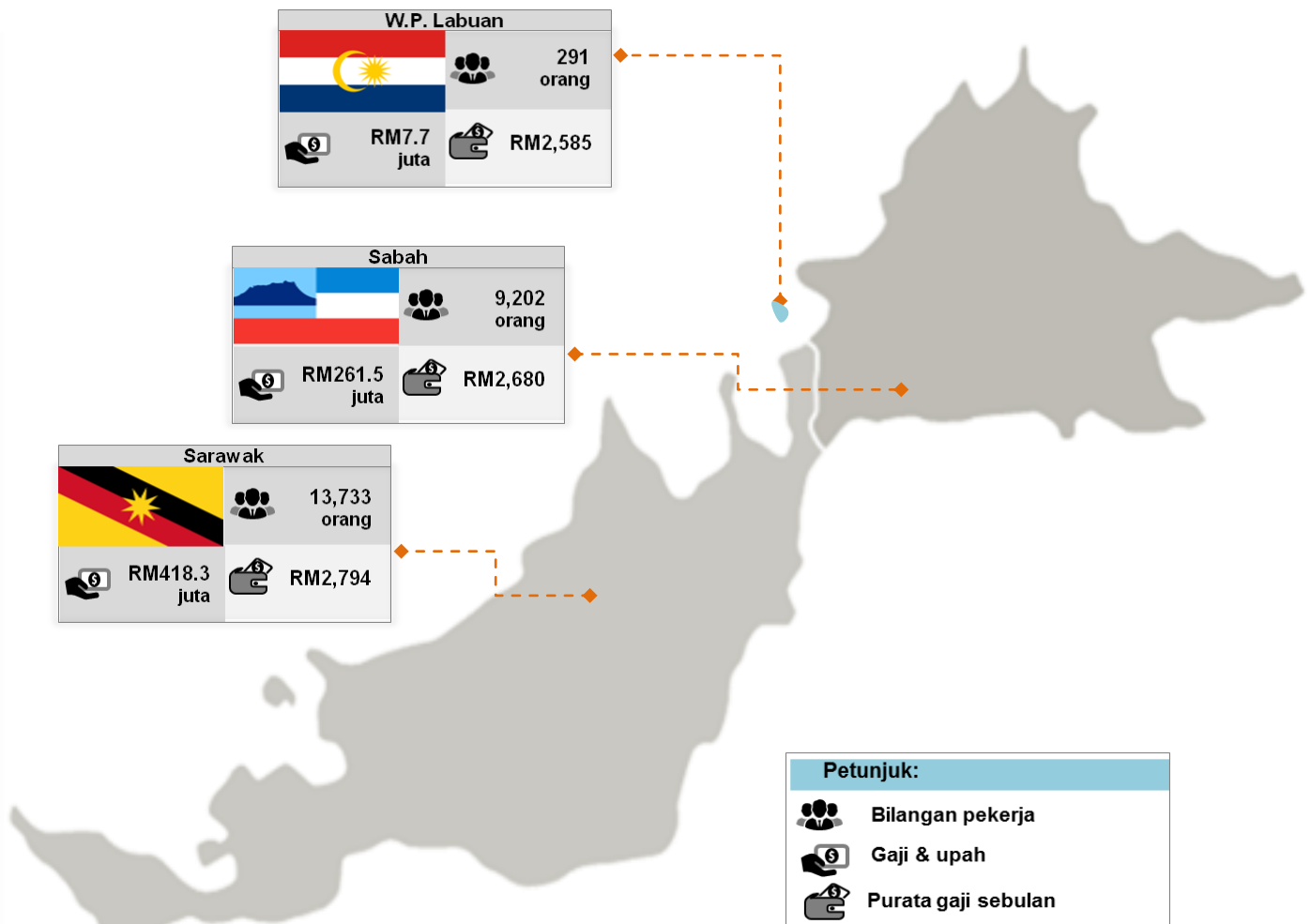
|                   |   |  |  Bilangan pertubuhan<br>Pertumbuhan |        |  Nilai output kasar (RM juta)<br>Pertumbuhan |          |  Nilai ditambah (RM juta)<br>Pertumbuhan |          |
|-------------------|---|--|--|--------|---|----------|---|----------|
|                   |   |  | 2015   | 2010   | 2015  | 2010     | 2015  | 2010     |
| W.P. KUALA LUMPUR |    |  | 8,992  | 5,659  | 17,787.8  | 10,825.8 | 10,480.0  | 5,879.0  |
|                   |   |  | <b>9.7%</b>  |        | <b>10.4%</b>  |          | <b>12.3%</b>  |          |
| SELANGOR          |    |  | 11,564   | 5,496  | 13,529.0  | 5,496.7  | 7,946.0   | 3,025.8  |
|                   |   |  | <b>16.0%</b>   |        | <b>19.7%</b>  |          | <b>21.3%</b>  |          |
| PULAU PINANG      |    |  | 2,753  | 1,414  | 2,011.9   | 708.8    | 1,287.0   | 480.6    |
|                   |   |  | <b>14.3%</b>   |        | <b>23.2%</b>  |          | <b>21.8%</b>  |          |
| JOHOR             |    |  | 3,185  | 1,667  | 1,966.6   | 943.4    | 1,188.5   | 566.9    |
|                   |   |  | <b>13.8%</b>   |        | <b>15.8%</b>  |          | <b>16.0%</b>  |          |
| SARAWAK           |    |  | 1,356  | 992    | 1,450.2   | 893.0    | 967.4   | 563.0    |
|                   |   |  | <b>6.5%</b>  |        | <b>10.2%</b>  |          | <b>11.4%</b>  |          |
| SABAH             |    |  | 1,061  | 686    | 1,018.6   | 569.3    | 677.3   | 360.7    |
|                   |   |  | <b>9.1%</b>  |        | <b>12.3%</b>  |          | <b>13.4%</b>  |          |
| PERAK             |   |  | 1,380  | 929    | 596.4   | 351.6    | 407.6   | 234.6    |
|                   |   |  | <b>8.2%</b>  |        | <b>11.2%</b>  |          | <b>11.7%</b>  |          |
| KEDAH             |  |  | 686  | 513    | 436.8   | 228.4    | 302.5   | 150.4    |
|                   |   |  | <b>6.0%</b>  |        | <b>13.9%</b>  |          | <b>15.0%</b>  |          |
| MELAKA            |  |  | 833  | 459    | 425.9   | 206.6    | 313.8   | 142.3    |
|                   |   |  | <b>12.7%</b>   |        | <b>15.6%</b>  |          | <b>17.1%</b>  |          |
| NEGERI SEMBILAN   |  |  | 814  | 472    | 375.3   | 192.1    | 232.2   | 124.5    |
|                   |   |  | <b>11.5%</b>   |        | <b>14.3%</b>  |          | <b>13.3%</b>  |          |
| TERENGGANU        |  |  | 371  | 235    | 289.9   | 137.3    | 165.1   | 81.5     |
|                   |   |  | <b>9.6%</b>  |        | <b>16.1%</b>  |          | <b>15.2%</b>  |          |
| PAHANG            |  |  | 495  | 299    | 263.3   | 165.5    | 179.0   | 104.5    |
|                   |   |  | <b>10.6%</b>   |        | <b>9.7%</b>   |          | <b>11.4%</b>  |          |
| KELANTAN          |  |  | 405  | 312    | 190.7   | 120.6    | 123.2   | 73.5     |
|                   |   |  | <b>5.4%</b>  |        | <b>9.6%</b>   |          | <b>10.9%</b>  |          |
| PERLIS            |  |  | 68   | 43     | 39.9  | 12.4     | 28.2  | 7.7      |
|                   |   |  | <b>9.6%</b>  |        | <b>26.4%</b>  |          | <b>29.6%</b>  |          |
| W.P. PUTRAJAYA    |  |  | 42   | 11     | 35.5  | 2.2      | 27.5  | 1.4      |
|                   |   |  | <b>30.7%</b>   |        | <b>73.9%</b>  |          | <b>81.1%</b>  |          |
| W.P. LABUAN       |  |  | 40   | 28     | 34.4  | 22.5     | 20.5  | 13.3     |
|                   |   |  | <b>7.4%</b>  |        | <b>8.9%</b>   |          | <b>9.1%</b>   |          |
| MALAYSIA          |  |  | 34,045   | 19,215 | 40,452.3  | 20,876.1 | 24,345.8  | 11,809.6 |
|                   |   |  | <b>12.1%</b>   |        | <b>14.2%</b>  |          | <b>15.6%</b>  |          |

# RINGKASAN PENEMUAN

Paparan 10: Perangkaan Utama Lain bagi Perkhidmatan Profesional mengikut Negeri, 2015



## RINGKASAN PENEMUAN



Bilangan pekerja, W.P. Kuala Lumpur turut merekodkan bilangan pekerja yang tertinggi dalam perkhidmatan profesional iaitu 107,692 orang dengan sumbangan 34.3 peratus. Ini diikuti oleh Selangor (106,982 orang; 34.0%) dan Johor (23,082 orang; 7.3%). Gaji & upah yang dibayar tertinggi adalah di W.P. Kuala Lumpur iaitu RM3.9 bilion dengan purata gaji RM3,150 sebulan, diikuti Selangor (RM3.7 bilion; RM3,036 sebulan) dan Johor (RM0.6 bilion; RM2,492 sebulan).

## 9. PERTUBUHAN MILIKAN WANITA

Pada tahun 2015, terdapat 4,124 pertubuhan milikan wanita dalam perkhidmatan profesional (**Paparan 11**) berbanding 2,800 pertubuhan pada tahun 2010 dengan kadar pertumbuhan tahunan 8.1 peratus. Jumlah ini merupakan 12.1 peratus daripada jumlah keseluruhan pertubuhan bagi perkhidmatan ini. Bilangan tertinggi milikan wanita dicatatkan oleh aktiviti guaman iaitu sebanyak 1,165 pertubuhan, diikuti oleh aktiviti perkhidmatan pakar runding pengurusan dan penyelidikan pasaran (872 pertubuhan) dan aktiviti profesional lain (689 pertubuhan).

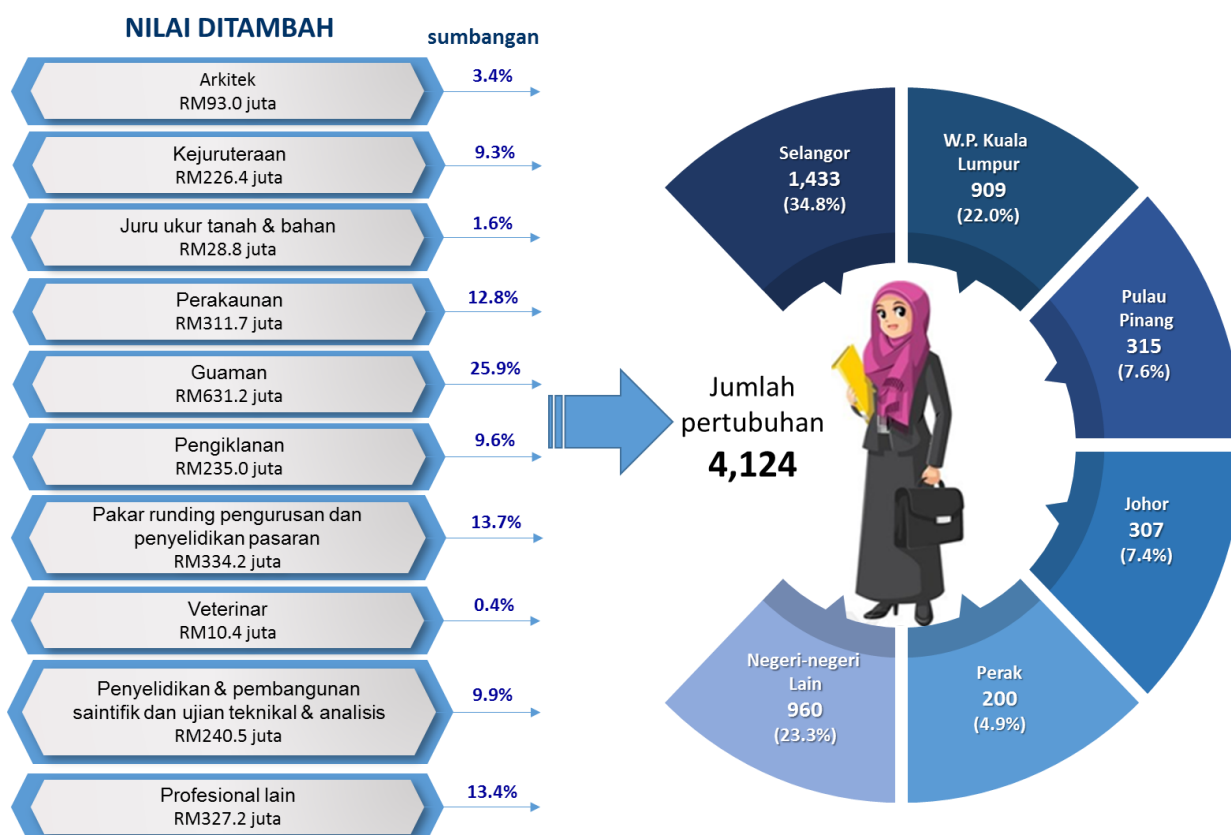
**Paparan 11: Pertubuhan Milikan Wanita bagi Perkhidmatan Profesional mengikut Aktiviti, 2010 dan 2015**

|  | Sumbangan | Bilangan Pertubuhan |              | Sumbangan | Pertumbuhan |
|--|-----------|---------------------|--------------|-----------|-------------|
|  |           | 2010                | 2015         |           |             |
| Arkitek  | 4.1%      | 115                 | 151          | 3.7%      | 5.6%        |
| Kejuruteraan   | 5.3%      | 148                 | 280          | 6.8%      | 13.6%       |
| Juru ukur tanah & bahan  | 1.7%      | 47                  | 136          | 3.3%      | 23.7%       |
| Perakaunan   | 18.5%     | 519                 | 548          | 13.3%     | 1.1%        |
| Guaman   | 35.2%     | 986                 | 1,165        | 28.3%     | 3.4%        |
| Pengiklanan  | 1.9%      | 52                  | 175          | 4.2%      | 27.5%       |
| Pakar runding pengurusan dan penyelidikan pasaran                  | 17.6%     | 493                 | 872          | 21.1%     | 12.1%       |
| Veterinar  | 1.2%      | 34                  | 37           | 0.9%      | 1.7%        |
| Penyelidikan & pembangunan saintifik dan ujian teknikal & analisis | 0.5%      | 14                  | 71           | 1.7%      | 38.4%       |
| Profesional lain   | 14.0%     | 392                 | 689          | 16.7%     | 11.9%       |
| <b>Jumlah</b>  |           | <b>2,800</b>        | <b>4,124</b> |           |             |

Bilangan pertubuhan tertinggi direkodkan di Selangor berjumlah 1,433 pertubuhan dengan sumbangan 34.7 peratus, diikuti oleh W.P. Kuala Lumpur (22.0%) dan Pulau Pinang (7.6%). Nilai ditambah yang dihasilkan oleh pertubuhan milikan wanita dalam perkhidmatan profesional adalah RM2,438.5 juta atau 10.0 peratus daripada jumlah keseluruhan nilai ditambah bagi perkhidmatan ini. Aktiviti guaman adalah penyumbang tertinggi bagi nilai ditambah sebanyak RM631.2 juta atau 25.9 peratus. Ini diikuti oleh aktiviti pakar runding pengurusan dan penyelidikan pasaran (RM334.2 juta; 13.7%) dan aktiviti profesional lain (RM327.2 juta; 13.4%) seperti ditunjukkan di **Paparan 12**.

## RINGKASAN PENEMUAN

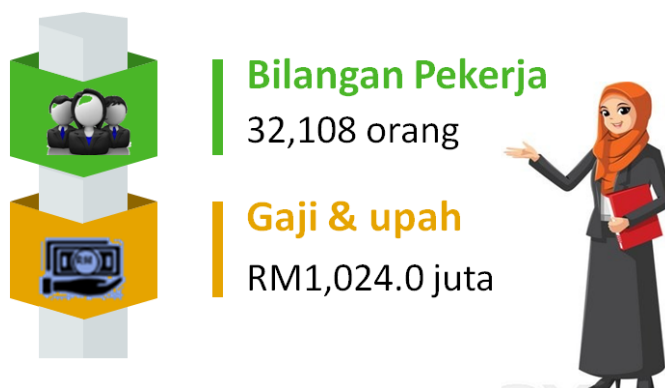
### Paparan 12: Pertubuhan Milikan Wanita mengikut Negeri dan Nilai Ditambah mengikut Aktiviti bagi Perkhidmatan Profesional, 2015



Nota: \* Negeri-negeri lain merujuk kepada negeri Kedah, Kelantan, Melaka, Negeri Sembilan, Pahang, Perlis, Terengganu, Sabah, Sarawak, W.P. Labuan dan W.P. Putrajaya

**Paparan 13** menunjukkan bilangan pekerja dan gaji & upah yang dibayar bagi pertubuhan milikan wanita 2015. Jumlah bilangan pekerja adalah seramai 32,108 orang dengan jumlah gaji & upah yang dibayar sebanyak RM1,024.0 juta.

### Paparan 13: Bilangan Pekerja dan Gaji & Upah Pertubuhan Milikan Wanita bagi Perkhidmatan Profesional, 2015



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# SUMMARY OF FINDINGS








## 1. INTRODUCTION

This publication presents statistics on the professional services that was compiled based on Economic Census conducted in 2016 for reference year 2015. Professional services comprises activities of architectural; engineering; land & quantity surveying; accounting; legal; advertising; management consultancy and market research; veterinary; scientific research & development and technical testing & analysis; and other professional.

## 2. PERFORMANCE OF PROFESSIONAL SERVICES

Findings of the Economic Census 2016 showed a total of 34,045 establishments operated in 2015 as in **Table 1**. Value of gross output generated by these services amounted to RM40.4 billion while the value added was RM24.3 billion. Total number of persons engaged was 314,292 persons with salaries & wages paid RM10.1 billion. Meanwhile, the value of fixed assets for 2015 amounted to RM12.5 billion.

**Table 1: Key Statistics of Professional Services, 2010 and 2015**

|        |  Number of establishments |  Value of gross output (RM b) |  Value of intermediate input (RM b) |  Value added (RM b) |  Number of persons engaged |  Salaries & wages (RM b) |  Value of fixed assets (RM b) |
|--------|--|--|--|--|--|---|--|
| 2015   | 34,045   | 40.4   | 16.1   | 24.3   | 314,292  | 10.1  | 12.5   |
| 2010   | 19,215   | 20.9   | 9.1  | 11.8   | 165,062  | 4.4   | 5.2  |
| Growth | 12.1%  | 14.2%  | 12.2%  | 15.6%  | 13.8%  | 17.8%   | 19.2%  |

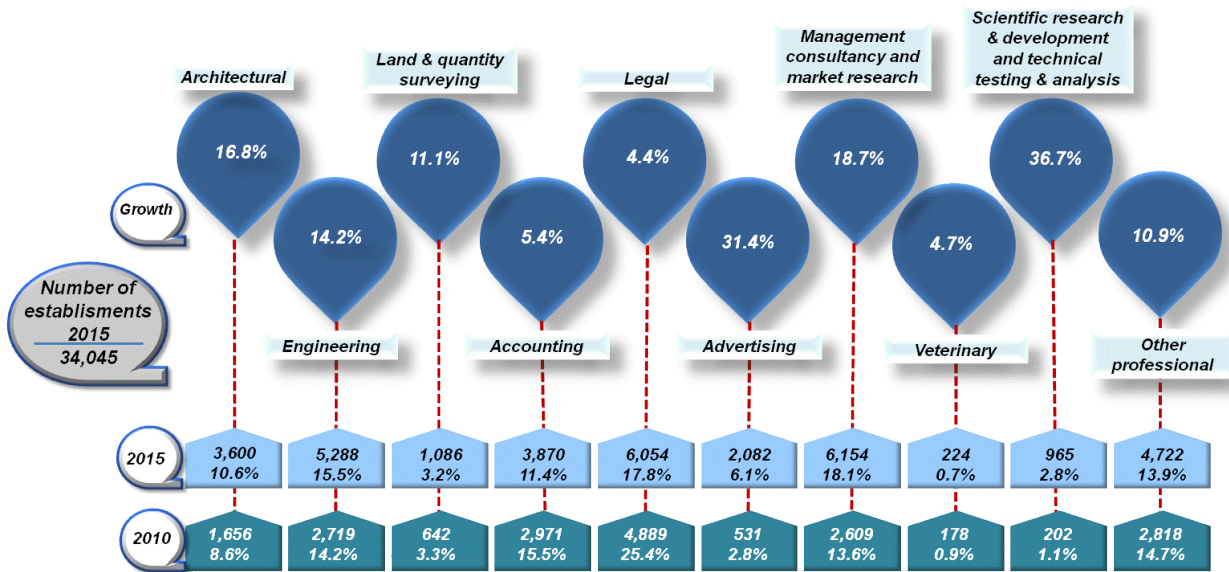
## 3. NUMBER OF ESTABLISHMENTS

In 2015, a total of 34,045 establishments operated in professional services as compared to 19,215 establishments in 2010. During this period, the number of establishments increased by 14,830 establishments with annual growth rate of 12.1 per cent. Management consultancy and market research activities recorded the highest number of establishments of 6,154 with percentage share of 18.1 per cent. This was followed by legal activities (6,054 establishments; 17.8%) and engineering activities (5,288 establishments; 15.5%) as shown in **Exhibit 1**.



# SUMMARY OF FINDINGS

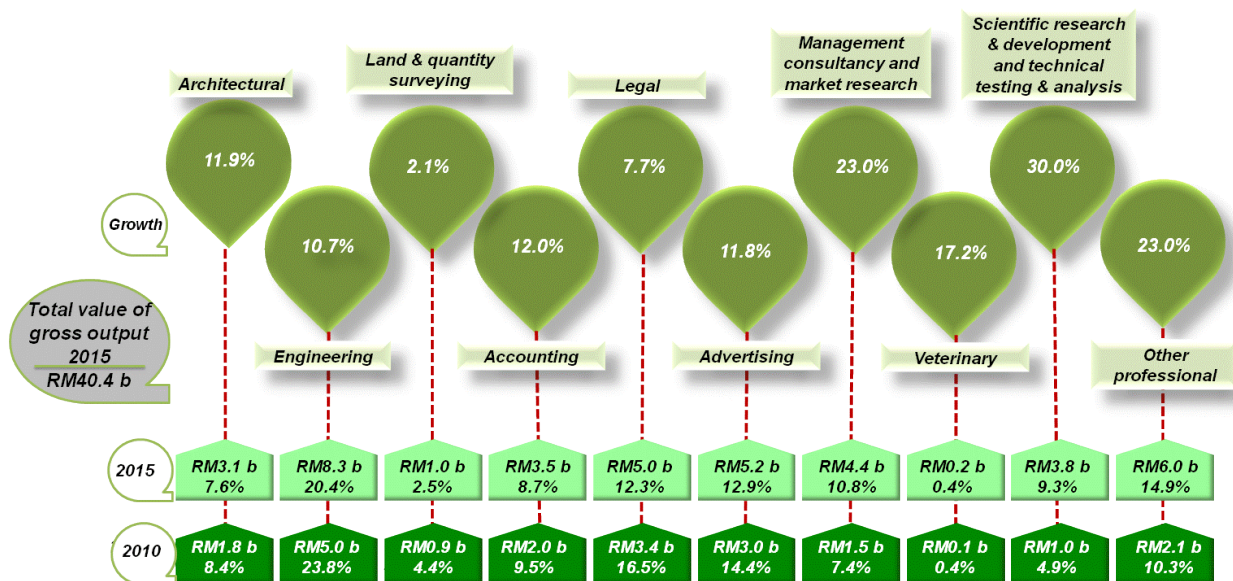
**Exhibit 1: Number of Establishments for Professional Services by Activities, 2010 and 2015**



## 4. VALUE OF GROSS OUTPUT

Value of gross output generated by these services recorded RM40.4 billion in 2015 with annual growth rate of 14.2 per cent per annum as in **Exhibit 2**. The highest value of gross output was contributed by engineering activities RM8.3 billion with percentage share of 20.4 per cent. This was followed by other professional activities (RM6.0 billion; 14.9%) and advertising activities (RM5.2 billion; 12.9%).

**Exhibit 2: Value of Gross Output for Professional Services by Activities, 2010 and 2015**

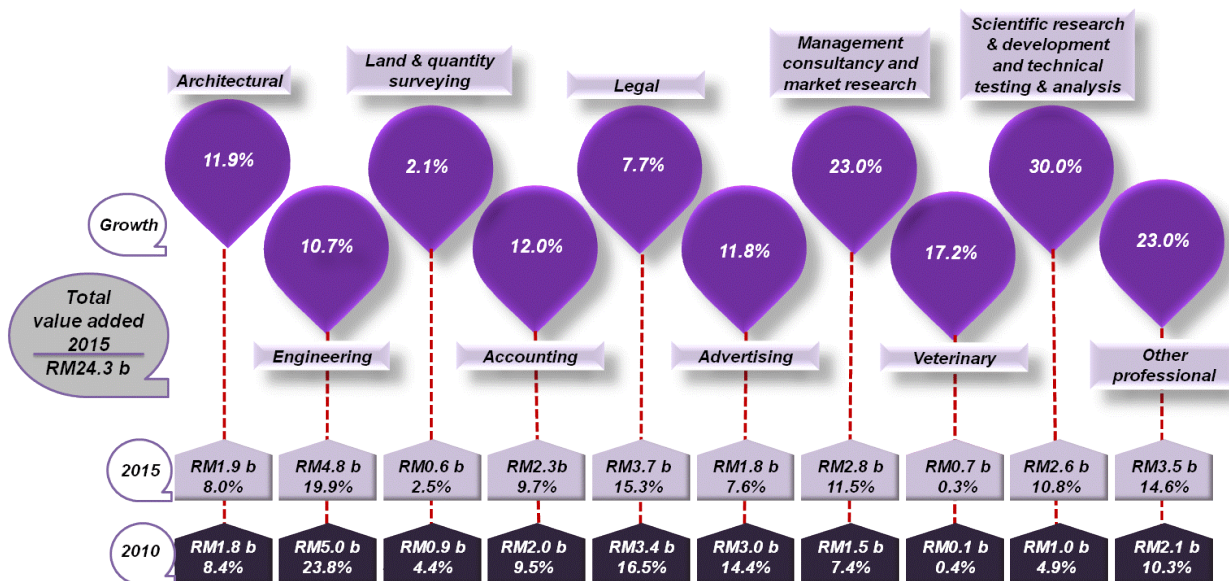




## 5. VALUE ADDED

In 2015, total value added for professional services was RM24.3 billion (2010: RM11.8 billion) with annual growth rate of 15.6 per cent annually. **Exhibit 3** presents the percentage share of value added for these services by activities. In line with the value of gross output, engineering activities recorded the highest value added amounting RM4.8 billion with percentage share of 19.9 per cent. This was followed by legal activities (RM3.7 billion; 15.3%) and other professional activities (RM3.5 billion; 14.6%).

**Exhibit 3: Value Added for Professional Services by Activities, 2010 and 2015**



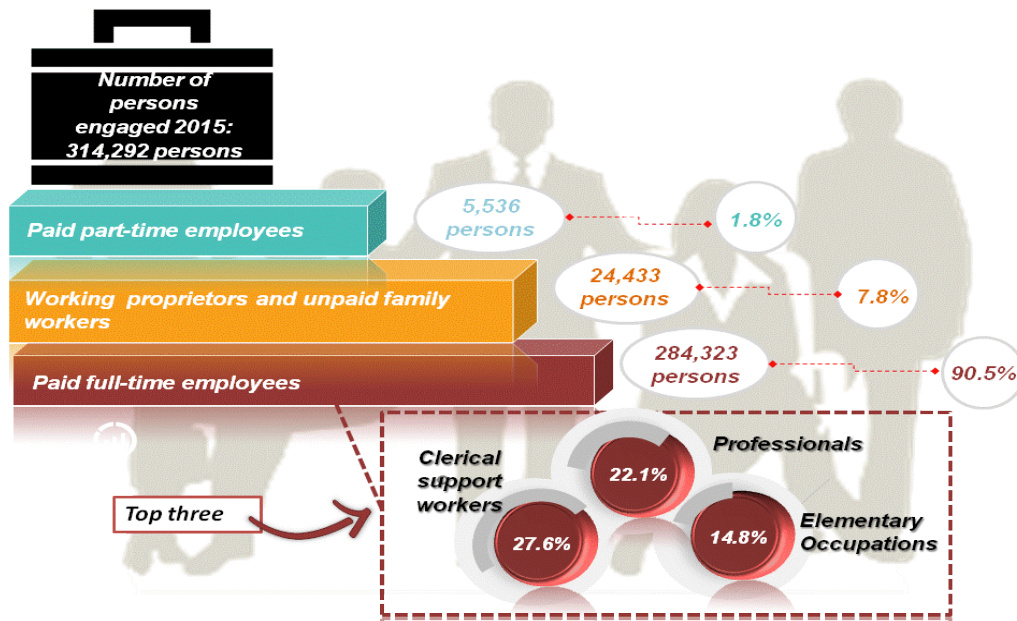
## 6. NUMBER OF PERSONS ENGAGED

The number of persons engaged in professional services was 314,292 persons for the year 2015 as compared to 165,062 persons in 2010 with annual growth rate of 13.8 per cent a year. Paid full-time employees recorded 284,323 persons with percentage share of 90.5 per cent. This was followed by working proprietors and unpaid family workers (24,433 persons; 7.8%) and paid part-time employees (5,536 persons; 1.8%) as in **Exhibit 4**.

For paid full-time employees, clerical support workers recorded the highest number of 78,518 persons with percentage share of 27.6 per cent. This was followed by professionals category (62,854 persons; 22.1%) and elementary occupations (42,035 persons; 14.8%).

## SUMMARY OF FINDINGS

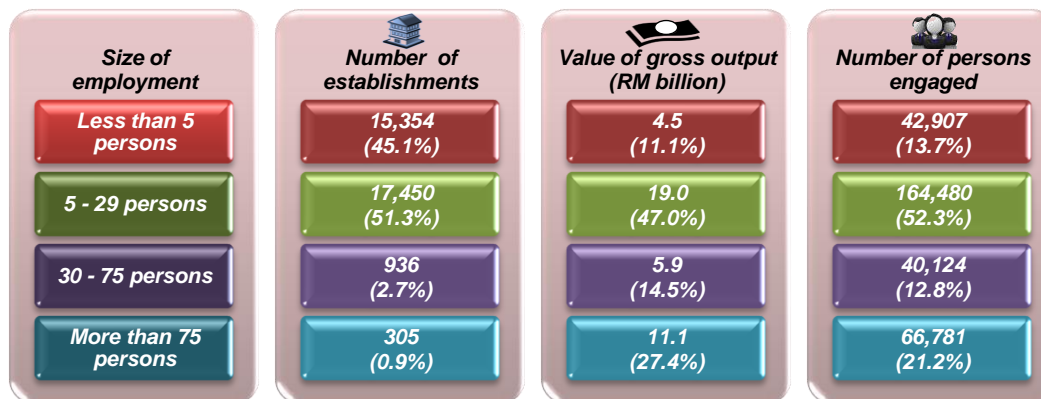
**Exhibit 4: Number of Persons Engaged for Professional Services by Category of Workers, 2015**



### 6.1 SIZE OF EMPLOYMENT

Establishments with size of employment between 5 to 29 persons posted the highest number with 17,450 establishments or 51.3 per cent. This size of employment group also the largest contributor to the value of gross output and number of persons engaged with 47.0 per cent and 52.3 per cent respectively as shown in **Exhibit 5**.

**Exhibit 5: Size of Employment in Professional Services, 2015**

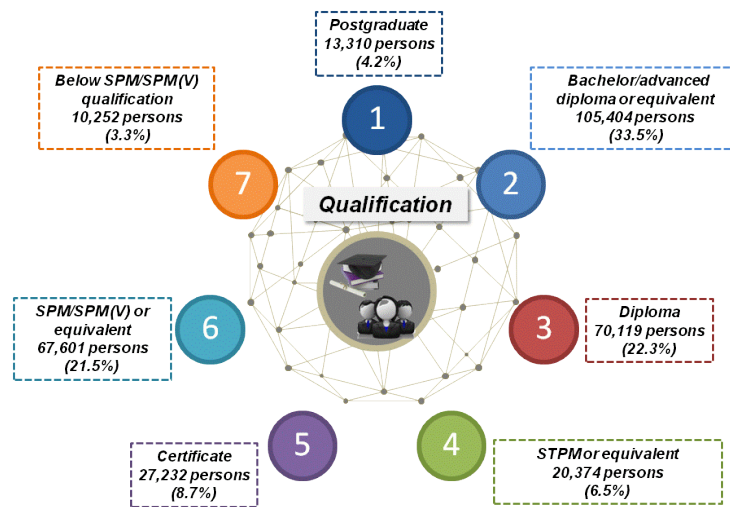


### 6.2 QUALIFICATION OF EMPLOYEES

Majority of employees in these services consist of workers with bachelor/advanced diploma or equivalent qualification of 105,404 persons or 33.5 per cent. This was followed by employees with diploma qualification of 70,119 persons (22.3%) and SPM/SPM (V) or equivalent with 67,601 persons (21.5%) as illustrated in **Exhibit 6**.

# SUMMARY OF FINDINGS

**Exhibit 6: Number of Persons Engaged for Professional Services by Qualification, 2015**

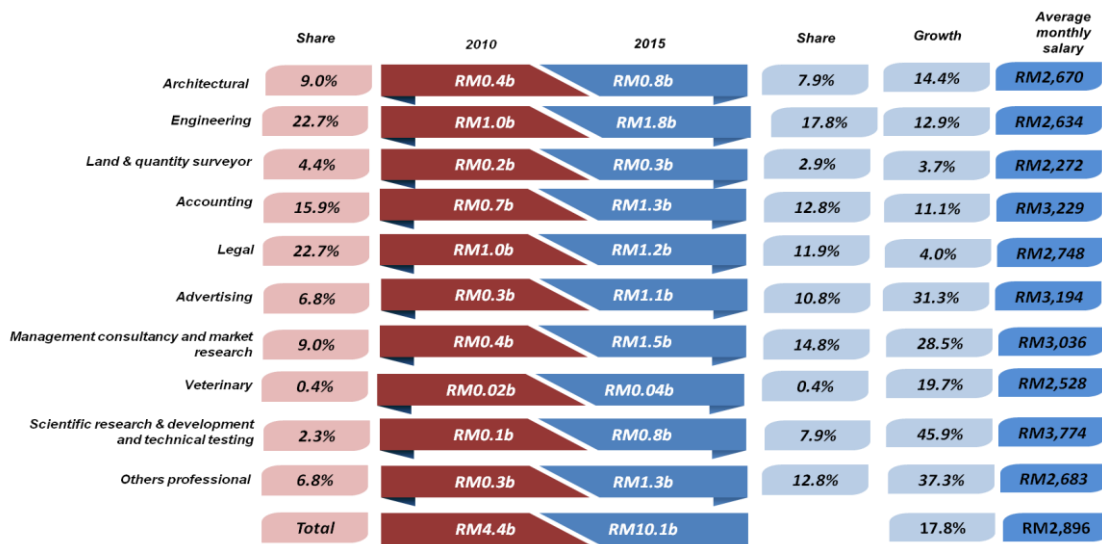


## 7. SALARIES & WAGES

Total salaries & wages paid in 2015 amounted to RM10.1 billion with annual growth rate of 17.8 per cent as shown in **Exhibit 7**. Engineering activities recorded the highest total salaries & wages of RM1.8 billion with percentage share of 17.6 per cent, followed by management consultancy and market research activities (RM1.5 billion; 14.8%) and other professional activities (RM1.3 billion; 13.4%).

Average monthly salary of professional services recorded RM2,896 compared to RM2,494 in 2010 with annual growth rate of 3.0 per cent per year. The highest average monthly salary was recorded by scientific research & development and technical testing & analysis activities with RM3,774, followed by accounting activities (RM3,229) and advertising activities (RM3,194).

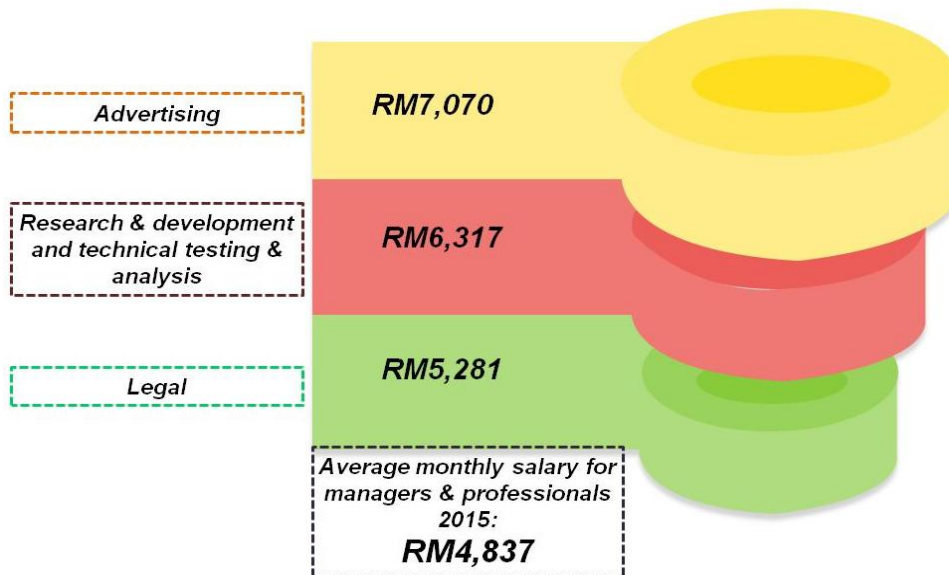
**Exhibit 7: Salaries & Wages and Average Monthly Salary for Professional Services by Activities, 2010 and 2015**



## SUMMARY OF FINDINGS

Average monthly salary professional services for category managers and professionals was RM4,837. Advertising activities recorded the highest average monthly salary of RM7,070, followed by research & development and technical testing & analysis activities (RM6,317), and legal activities (RM5,281) as in **Exhibit 8**.

**Exhibit 8: Average Monthly Salary in Professional Services for Managers and Professionals Categories, 2015**



### 8. PERFORMANCE BY STATE

**Exhibit 9** shows the number of establishments, value of gross output and value added for professional services by states. Selangor recorded the highest number of establishments by 11,564 establishments with annual growth rate of 16.0 per cent per annum between 2010 and 2015. This was followed by W.P. Kuala Lumpur (8,992 establishments; 9.7%), and Johor (3,185 establishments; 13.8%).

W.P. Kuala Lumpur recorded the highest value of gross output of RM17.8 billion with annual growth rate of 10.4 per cent, followed by Selangor (RM13.5 billion; 19.8%), and Pulau Pinang (RM2.0 billion; 23.2%). In line with the value of gross output performance, W.P. Kuala Lumpur was the top contributor for value added RM10.5 billion with annual growth rate 12.3 per cent, followed by Selangor (RM7.9 billion; 21.3%) and Pulau Pinang (RM1.3 billion; 21.8%). **Exhibit 10** presents other key statistics of professional services by states.



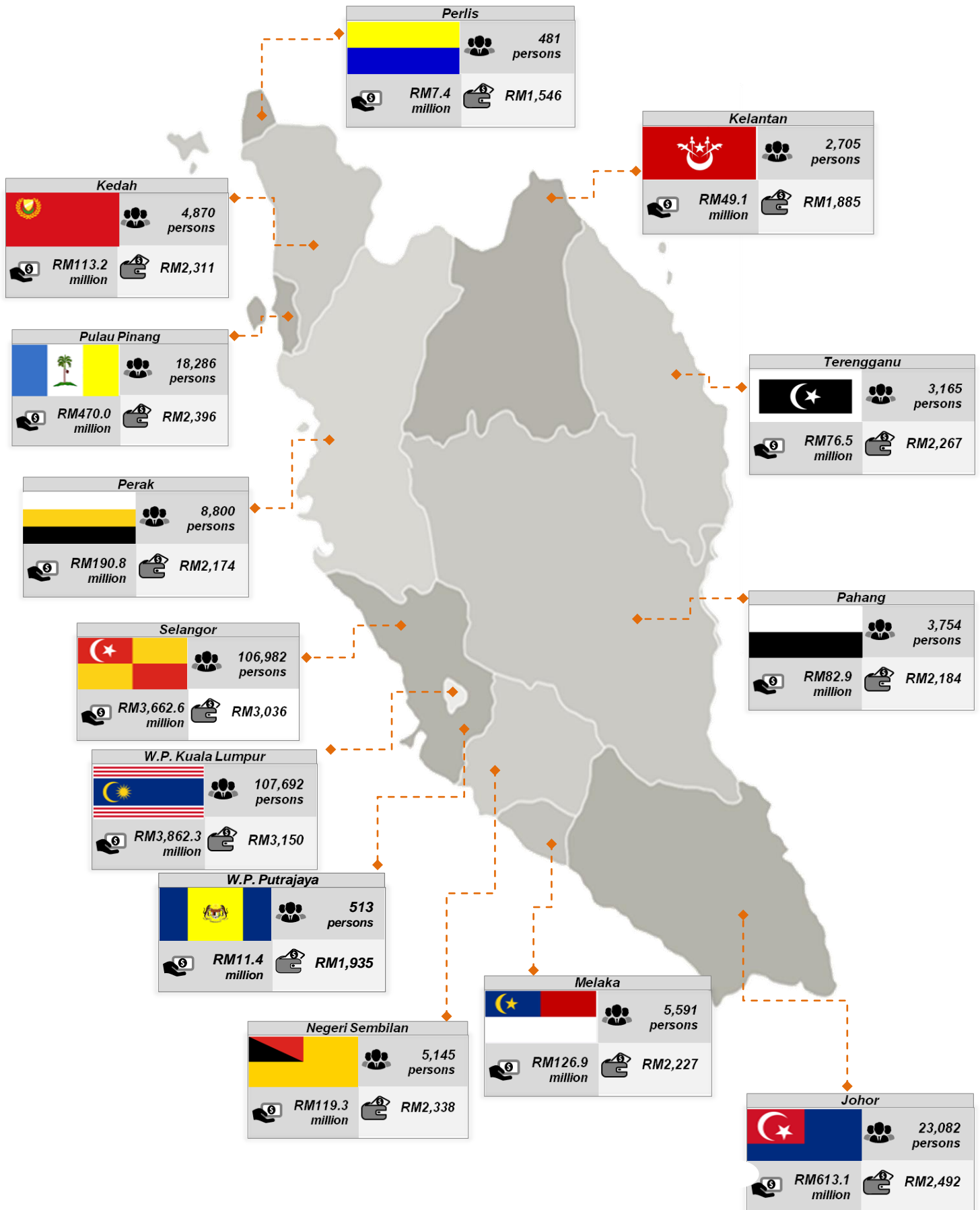
# SUMMARY OF FINDINGS

**Exhibit 9: Number of Establishments, Value of Gross Output and Value Added for Professional Services by States, 2010 and 2015**

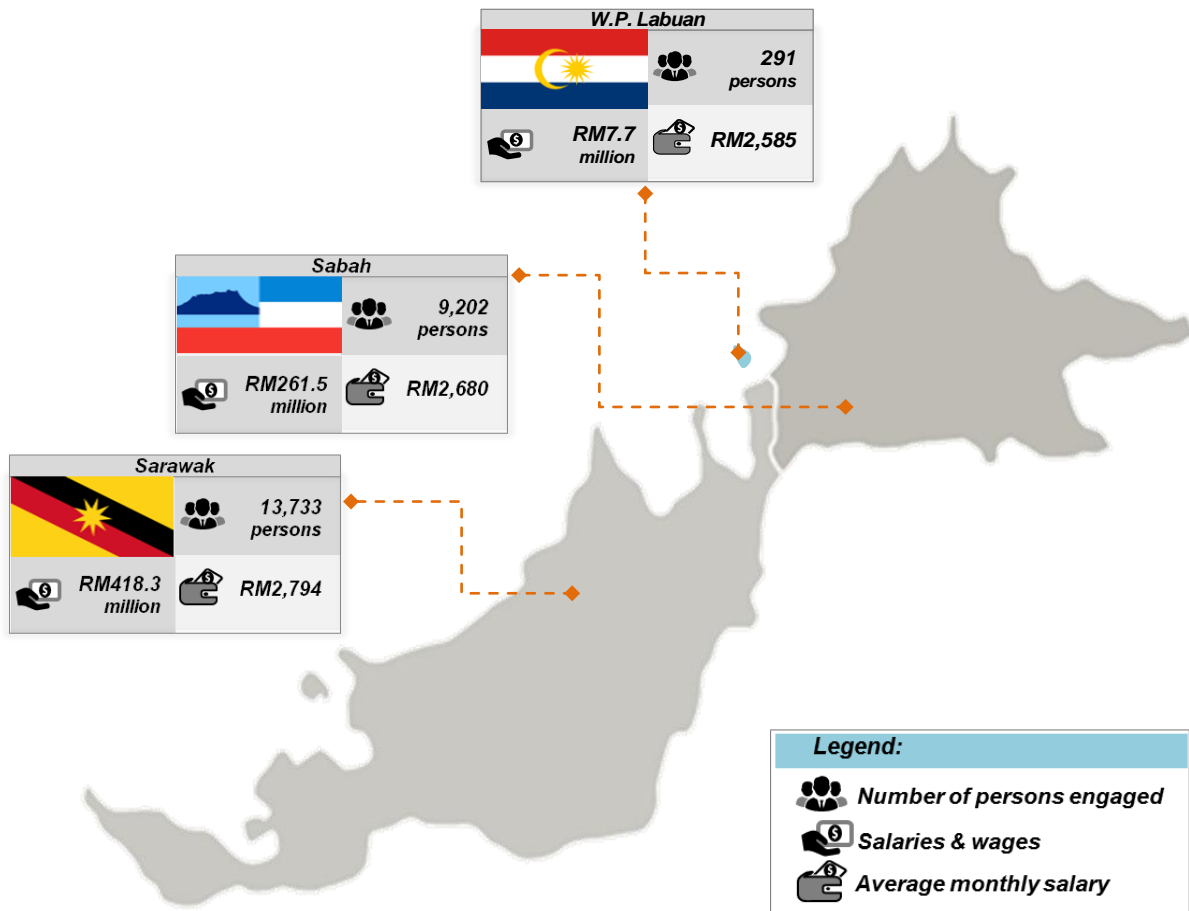
| State             | Year | Number of establishments |        | Value of gross output (RM million) |        | Value added (RM million) |        |
|-------------------|------|--------------------------|--------|------------------------------------|--------|--------------------------|--------|
|                   |      | 2015                     | Growth | 2015                               | Growth | 2015                     | Growth |
| W.P. KUALA LUMPUR | 2015 | 8,992                    | 9.7%   | 17,787.8                           | 10.4%  | 10,480.0                 | 12.3%  |
|                   | 2010 | 5,659                    |        | 10,825.8                           |        | 5,879.0                  |        |
| SELANGOR          | 2015 | 11,564                   | 16.0%  | 13,529.0                           | 19.7%  | 7,946.0                  | 21.3%  |
|                   | 2010 | 5,496                    |        | 5,496.7                            |        | 3,025.8                  |        |
| PULAU PINANG      | 2015 | 2,753                    | 14.3%  | 2,011.9                            | 23.2%  | 1,287.0                  | 21.8%  |
|                   | 2010 | 1,414                    |        | 708.8                              |        | 480.6                    |        |
| JOHOR             | 2015 | 3,185                    | 13.8%  | 1,966.6                            | 15.8%  | 1,188.5                  | 16.0%  |
|                   | 2010 | 1,667                    |        | 943.4                              |        | 566.9                    |        |
| SARAWAK           | 2015 | 1,356                    | 6.5%   | 1,450.2                            | 10.2%  | 967.4                    | 11.4%  |
|                   | 2010 | 992                      |        | 893.0                              |        | 563.0                    |        |
| SABAH             | 2015 | 1,061                    | 9.1%   | 1,018.6                            | 12.3%  | 677.3                    | 13.4%  |
|                   | 2010 | 686                      |        | 569.3                              |        | 360.7                    |        |
| PERAK             | 2015 | 1,380                    | 8.2%   | 596.4                              | 11.2%  | 407.6                    | 11.7%  |
|                   | 2010 | 929                      |        | 351.6                              |        | 234.6                    |        |
| KEDAH             | 2015 | 686                      | 6.0%   | 436.8                              | 13.9%  | 302.5                    | 15.0%  |
|                   | 2010 | 513                      |        | 228.4                              |        | 150.4                    |        |
| MELAKA            | 2015 | 833                      | 12.7%  | 425.9                              | 15.6%  | 313.8                    | 17.1%  |
|                   | 2010 | 459                      |        | 206.6                              |        | 142.3                    |        |
| NEGERI SEMBILAN   | 2015 | 814                      | 11.5%  | 375.3                              | 14.3%  | 232.2                    | 13.3%  |
|                   | 2010 | 472                      |        | 192.1                              |        | 124.5                    |        |
| TERENGGANU        | 2015 | 371                      | 9.6%   | 289.9                              | 16.1%  | 165.1                    | 15.2%  |
|                   | 2010 | 235                      |        | 137.3                              |        | 81.5                     |        |
| PAHANG            | 2015 | 495                      | 10.6%  | 263.3                              | 9.7%   | 179.0                    | 11.4%  |
|                   | 2010 | 299                      |        | 165.5                              |        | 104.5                    |        |
| KELANTAN          | 2015 | 405                      | 5.4%   | 190.7                              | 9.6%   | 123.2                    | 10.9%  |
|                   | 2010 | 312                      |        | 120.6                              |        | 73.5                     |        |
| PERLIS            | 2015 | 68                       | 9.6%   | 39.9                               | 26.4%  | 28.2                     | 29.6%  |
|                   | 2010 | 43                       |        | 12.4                               |        | 7.7                      |        |
| W.P. PUTRAJAYA    | 2015 | 42                       | 30.7%  | 35.5                               | 73.9%  | 27.5                     | 81.1%  |
|                   | 2010 | 11                       |        | 2.2                                |        | 1.4                      |        |
| W.P. LABUAN       | 2015 | 40                       | 7.4%   | 34.4                               | 8.9%   | 20.5                     | 9.1%   |
|                   | 2010 | 28                       |        | 22.5                               |        | 13.3                     |        |
| MALAYSIA          | 2015 | 34,045                   | 12.1%  | 40,452.3                           | 14.2%  | 24,345.8                 | 15.6%  |
|                   | 2010 | 19,215                   |        | 20,876.1                           |        | 11,809.6                 |        |

# SUMMARY OF FINDINGS

Exhibit 10: Key Statistics Professional Services by States, 2015



## SUMMARY OF FINDINGS



Number of persons engaged, W.P. Kuala Lumpur also recorded the highest number of persons engaged in professional services with 107,692 persons and percentage share of 34.3 per cent. This was followed by Selangor (106,982 persons; 34.0%) and Johor (23,082 persons; 7.3%). Salaries & wages paid were the highest in W.P. Kuala Lumpur with RM3.9 billion and average salary RM3,150 per month, followed by Selangor (RM3.7 billion; RM3,036 per month) and Johor (RM0.6 billion; RM2,492 per month).

## SUMMARY OF FINDINGS

### 9. WOMEN-OWNED ESTABLISHMENTS

In 2015, there were 4,124 women-owned establishments in professional services (**Exhibit 11**) compared to 2,800 establishments in 2010 with annual growth rate of 8.1 per cent these accounted 12.1 per cent of the total establishments in these services. The highest number of women-owned establishments was recorded by legal activities with 1,165 establishments, followed by management consultancy and market research activities (872 establishments) and other professional activities (689 establishments).

**Exhibit 11: Women-owned Establishments for Professional Services by Activities, 2010 and 2015**

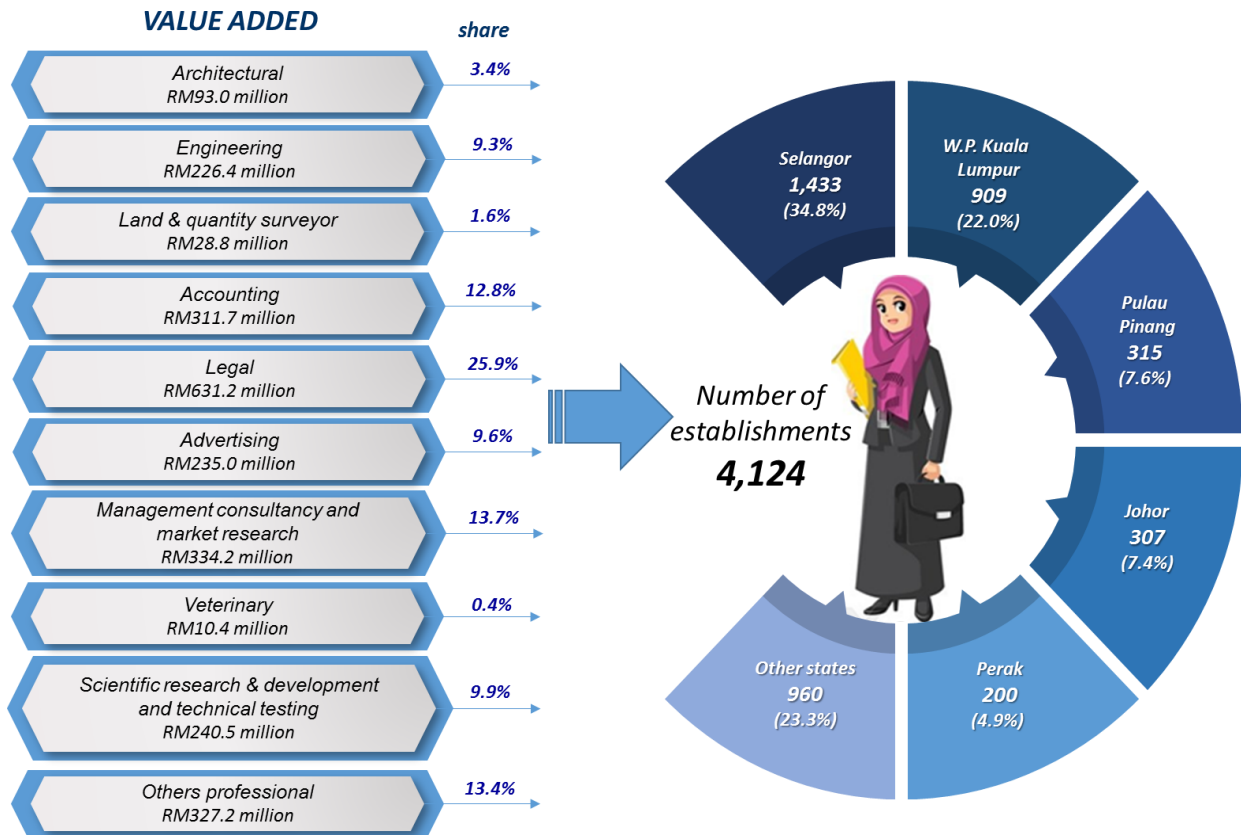
|   | Share | Number of Establishments |              | Share | Growth |
|---|-------|--------------------------|--------------|-------|--------|
|   |       | 2010                     | 2015         |       |        |
| Architectural   | 4.1%  | 115                      | 151          | 3.7%  | 5.6%   |
| Engineering   | 5.3%  | 148                      | 280          | 6.8%  | 13.6%  |
| Land & quantity surveyor                                | 1.7%  | 47                       | 136          | 3.3%  | 23.7%  |
| Accounting  | 18.5% | 519                      | 548          | 13.3% | 1.1%   |
| Legal   | 35.2% | 986                      | 1,165        | 28.3% | 3.4%   |
| Advertising   | 1.9%  | 52                       | 175          | 4.2%  | 27.5%  |
| Management consultancy and market research              | 17.6% | 493                      | 872          | 21.1% | 12.1%  |
| Veterinary  | 1.2%  | 34                       | 37           | 0.9%  | 1.7%   |
| Scientific research & development and technical testing | 0.5%  | 14                       | 71           | 1.7%  | 38.4%  |
| Others professional                                     | 14.0% | 392                      | 689          | 16.7% | 11.9%  |
| <b>Total</b>  |       | <b>2,800</b>             | <b>4,124</b> |       |        |

The highest number of establishments was recorded in Selangor amounted to 1,433 establishments with percentage share of 34.7 per cent, followed by W.P. Kuala Lumpur (22.0%) and Pulau Pinang (7.6%). Value added generated by women-owned establishments in professional services was RM2,438.5 million or 10.0 per cent of the total value added in these services. Legal activities was the major contributor for value added with RM631.2 million or 25.9 per cent. This was followed by management consultancy and market research activities (RM334.2 million; 13.7%) and other professional activities (RM327.2 million; 13.4%) as shown in **Exhibit 12**.



## SUMMARY OF FINDINGS

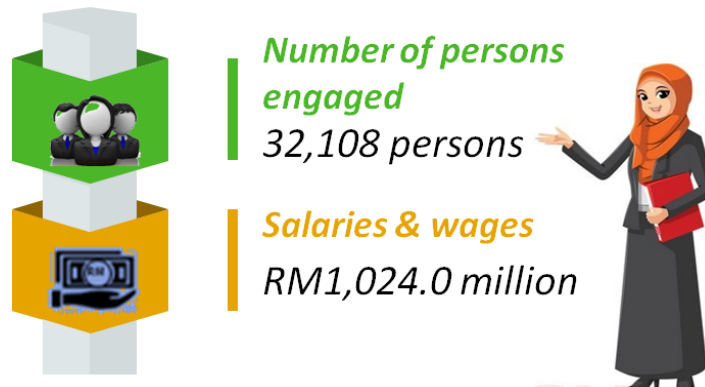
**Exhibit 12: Women-owned Establishments by States and Value Added by Activities for Professional Services, 2015**



Note: \* Other states refer to Kedah, Kelantan, Melaka, Negeri Sembilan, Pahang, Perlis, Terengganu, Sabah, Sarawak, W.P. Labuan dan W.P. Putrajaya

**Exhibit 13** shows number of persons engaged and salaries & wages paid in women-owned establishments 2015. Total number of persons engaged was 32,108 persons with the total salaries & wages paid RM1,024.0 million.

**Exhibit 13: Number of Persons Engaged and Salaries & Wages of Women-owned Establishments for Professional Services, 2015**



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**BAHAGIAN 2**

*PART 2*

**NOTA  
TEKNIKAL**

*TECHNICAL  
NOTES*

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### 1. Skop dan liputan

Banci ini meliputi pertubuhan berdaftar yang terlibat dalam **perkhidmatan profesional** yang merangkumi aktiviti utama berikut:

- i. Aktiviti arkitek;
- ii. Aktiviti kejuruteraan;
- iii. Aktiviti juru ukur tanah & bahan;
- iv. Aktiviti perakaunan;
- v. Aktiviti guaman;
- vi. Aktiviti pengiklanan;
- vii. Aktiviti pakar runding pengurusan dan penyelidikan pasaran;
- viii. Aktiviti veterinar;
- ix. Aktiviti penyelidikan & pembangunan saintifik dan ujian teknikal & analisis;
- x. Aktiviti profesional lain.

Keseluruhan liputan 36 industri adalah mengikut Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Ver. 1.0. Senarai lengkap industri seperti di **Lampiran**.

### 2. Sumber rangka

Sumber maklumat utama rangka pertubuhan diperoleh daripada agensi-agensi kerajaan, lembaga dan persatuan badan-badan profesional dan agensi / perbadanan yang berkaitan seperti di bawah:

- i. Pejabat Pendaftaran Mahkamah Tinggi
- ii. Majlis Peguam
- iii. Jabatan Kehakiman Sarawak
- iv. Institut Akauntan Malaysia
- v. Institut Akauntan Awam Bertauliah Malaysia
- vi. Lembaga Arkitek Malaysia
- vii. Pertubuhan Arkitek Malaysia
- viii. Lembaga Jurutera Malaysia
- ix. Institut Jurutera Malaysia
- x. Persatuan Jurutera Perunding Malaysia
- xi. Lembaga Juruukur Tanah Malaysia
- xii. Lembaga Juruukur Bahan Malaysia
- xiii. Institut Juruukur Malaysia

- xiv. Lembaga Penilai, Pentaksir dan Ejen Hartanah, Malaysia
- xv. Lembaga Juruukur Sabah
- xvi. Jabatan Tanah & Ukur Sarawak

Rangka dikemaskini setiap tahun untuk mengambil kira pertubuhan baru dan sebarang perubahan dalam status pertubuhan seperti tutup, tidak beroperasi, perubahan jenis aktiviti atau alamat pos untuk memastikan maklumat yang terdapat di dalam rangka adalah yang paling terkini.

### 3. Jenis aktiviti perniagaan

Jenis aktiviti perniagaan merujuk kepada aktiviti utama dan sekunder. Aktiviti utama merujuk kepada aktiviti yang mana pertubuhan menggunakan sebahagian besar daripada sumbernya atau yang memberikan sumbangan besar dari segi pendapatan. Aktiviti sekunder didefinisikan sebagai aktiviti sampingan kepada aktiviti utama. Klasifikasi industri bagi pertubuhan adalah mengikut aktiviti utamanya berdasarkan kepada **Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Ver.1.0**. MSIC 2008 adalah selaras dengan Piawaian Klasifikasi Industri Antarabangsa bagi Semua Aktiviti Ekonomi (ISIC), semakan keempat Pertubuhan Bangsa-Bangsa Bersatu dengan pengubahsuaian untuk keperluan tempatan.

### 4. Konsep dan definisi

Definisi perkhidmatan profesional, saintifik dan teknikal yang diguna pakai dalam penerbitan ini berasaskan kepada Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Ver.1.0:

**Perkhidmatan profesional, saintifik dan teknikal** termasuk aktiviti profesional khusus, saintifik dan teknikal di mana ianya memerlukan tahap latihan yang tinggi dan menjadikan pengetahuan dan kemahiran khusus tersedia kepada pengguna. Aktiviti yang dijalankan termasuk aktiviti guaman dan perakaunan, aktiviti ibu pejabat, aktiviti perundingan pengurusan, aktiviti arkitek dan kejuruteraan, ujian dan analisis teknikal, penyelidikan dan pembangunan saintifik, pengiklanan



dan penyelidikan pasaran, profesional lain, aktiviti saintifik dan teknikal dan veterinar.

**i. Aktiviti arkitek**

Merujuk kepada perkhidmatan arkitek yang disediakan atas dasar bayaran atau kontrak. Perkhidmatan ini mesti diberi oleh pertubuhan yang dikendalikan oleh mereka yang berdaftar di bawah Seksyen (A) Daftar Arkitek and Seksyen (B) Daftar Pelukis Pelan Bangunan yang diselenggarakan oleh Lembaga Arkitek di bawah Akta Arkitek, 1967 (Disemak 1973). Termasuk juga aktiviti perundingan arkitek yang melibatkan reka bentuk dan draf bangunan dan pengawasan pembinaan, perancangan bandar dan bandar raya dan arkitek landskap.

**ii. Aktiviti kejuruteraan**

Merujuk kepada perkhidmatan kejuruteraan yang disediakan atas dasar bayaran atau kontrak. Termasuk dalam perkhidmatan ini adalah perkhidmatan penyelidikan, pembangunan dan ujikaji kejuruteraan. Perkhidmatan ini mesti diberi oleh pertubuhan yang dikendalikan oleh mereka yang berdaftar di bawah Seksyen 7(1) Akta Pendaftaran Jurutera, 1967 (Disemak 1987).

a) Termasuk perkhidmatan reka bentuk kejuruteraan (iaitu menggunakan undang-undang fizikal dan prinsip kejuruteraan dalam reka bentuk mesin, bahan-bahan, peralatan, struktur, proses dan sistem) dan aktiviti perundingan untuk:

- jentera, proses perindustrian dan loji perindustrian;
- projek melibatkan kejuruteraan awam, hidraulik dan trafik;
- projek pengurusan air;
- projek penghuraian dan realisasi relatif kepada kejuruteraan elektrik dan elektronik, perlombongan, kimia, mekanikal, perindustrian dan sistem dan keselamatan;
- aktiviti pengurusan projek berkaitan dengan

pembinaan.

- b) Perkhidmatan kejuruteraan juga merujuk kepada huraian kepada projek yang menggunakan alat penyaman udara, penyejukan, kebersihan dan kejuruteraan mengawal pencemaran, kejuruteraan akustik, dll.

### **iii. Aktiviti juru ukur tanah & bahan**

Merujuk kepada perkhidmatan juru ukur yang diberi atas dasar bayaran atau kontrak. Perkhidmatan ini mesti diberi oleh pertubuhan yang dikendalikan oleh mereka yang berdaftar di bawah Lembaga Juru ukur Tanah dan Lembaga Juru ukur Bahan yang masing-masingnya diselenggarakan di bawah Akta Juru ukur Tanah Berlesen 1958 (Disemak 1991) dan Akta Pendaftaran Juru ukur Bahan 1967 (Disemak 1992).

(Nota: Pada tahun 2010, data bagi aktiviti arkitek & kejuruteraan lain dan perundingan teknikal berkaitan (MSIC 71109) digabungkan bersama perkhidmatan profesional, saintifik dan teknikal lain).

### **iv. Aktiviti perakaunan**

Merujuk kepada aktiviti merekod transaksi komersil untuk perniagaan atau lain-lain, penyediaan atau audit akaun kewangan, pemeriksaan akaun dan pengesahan ketepatannya dan penyediaan penyata cukai pendapatan perseorangan dan perniagaan. Termasuk juga aktiviti berkaitan khidmat nasihat dan perwakilan (selain daripada perwakilan undang-undang) bagi pihak pelanggan kepada pihak berkuasa cukai.

### **v. Aktiviti guaman**

Merujuk kepada perwakilan guaman bagi kepentingan satu pihak menentang satu pihak lain, sama ada dalam atau luar mahkamah atau badan kehakiman lain, atau di bawah pengawasan, seseorang yang menjadi ahli badan peguam, khidmat nasihat dan perwakilan umum, penyediaan dokumen undang-undang dan aktiviti notari awam lain, notari

undang-undang sivil, bailif, penimbangtara, pemeriksa dan pendamai.

#### **vi. Aktiviti pengiklanan**

Merujuk kepada penyediaan perkhidmatan pengiklanan secara keseluruhan melalui kemampuan secara dalaman atau di subkontrak. Pertubuhan ini menyediakan perkhidmatan pengiklanan seperti:

- mencipta dan meletakkan iklan di dalam surat khabar, terbitan berkala, radio, televisyen, internet dan lain-lain media;
- mencipta dan meletakkan iklan di luar, contoh: papan iklan, panel, buletin dan gambar, hiasan tingkap, peragaan bilik pameran, iklan di kereta dan bas dan lain-lain;
- wakil media iaitu jualan ruang dan masa untuk pelbagai media bagi tujuan pengiklanan, pengiklanan dari udara, pengedaran atau penghantaran bahan atau sampel pengiklanan, peruntukan ruang di papan iklan, penyediaan tapak, tempat letak dan struktur pameran lain;

Termasuk juga mengadakan kempen pemasaran dan perkhidmatan pengiklanan lain yang ditujukan untuk menarik perhatian dan kesetiaan pengguna (promosi produk; pemasaran di tempat jualan; pengiklanan pos secara terus; perundingan pemasaran).

#### **vii. Aktiviti pakar runding pengurusan dan penyelidikan pasaran**

Aktiviti pakar runding pengurusan adalah merujuk kepada perkhidmatan khidmat nasihat dan bantuan operasi kepada perniagaan dan organisasi lain berkenaan isu pengurusan, seperti perancangan dan pengurusan strategik; bidang keputusan berkaitan kewangan; objektif pemasaran dan polisi, polisi sumber manusia; amalan dan perancangan; penjadualan pengeluaran dan perancangan kawalan.

Aktiviti ini juga meliputi khidmat nasihat, bimbingan atau bantuan operasi kepada perniagaan dan perkhidmatan awam berhubung dengan hubungan awam dan komunikasi; perkhidmatan melobi; mereka kaedah atau prosedur perakaunan, program perakaunan kos, prosedur perancangan peruntukan dan khidmat nasihat dan bantuan kepada perniagaan dan perkhidmatan awam dalam perancangan, pengurusan, kecekapan dan kawalan, informasi pengurusan dan lain-lain.

Penyelidikan pasaran adalah merujuk kepada penyiasatan ke atas potensi pasaran, penerimaan dan kebiasaan kepada sesuatu produk dan tabiat membeli pengguna bagi tujuan promosi jualan dan pembangunan produk baru, termasuk juga keputusan daripada analisis statistik, penyiasatan ke atas pendapat kolektif umum berkenaan isu politik, ekonomi dan sosial serta analisis statistik yang berkaitan.

### **viii. Aktiviti veterinar**

Merujuk kepada aktiviti penjagaan kesihatan dan pengawalan haiwan ternakan dan haiwan peliharaan. Aktiviti ini dijalankan oleh doktor veterinar yang berkelayakan semasa bekerja di hospital veterinar dan juga ketika melawat ladang, rumah anjing atau rumah, di bilik perundingan dan pembedahan sendiri atau di tempat lain. Ini termasuk juga aktiviti pembantu veterinar atau kakitangan veterinar tambahan lain, *clinic-pathological* dan perkhidmatan diagnostik lain berkaitan dengan haiwan serta perkhidmatan ambulan haiwan.

### **ix. Aktiviti penyelidikan & pembangunan saintifik dan ujian teknikal & analisis**

Aktiviti penyelidikan & pembangunan saintifik merujuk kepada perkhidmatan penyelidikan dan pembangunan sains semulajadi, kejuruteraan dan teknologi, sains perubatan, bioteknologi, sains pertanian, sains sosial, penyelidikan dan pembangunan ilmu kemanusiaan.

Ujian teknikal dan analisis termasuk pencapaian fizikal, ujian kimia dan analitikal lain bagi semua jenis bahan dan produk; perakuan produk, termasuk barang pengguna, kenderaan bermotor, pesawat, kontena bertekanan tinggi, loji nuklear dan lain-lain; ujian berkala keselamatan jalan raya ke atas kenderaan bermotor; ujian dengan menggunakan model atau replika (contoh; kapal terbang, kapal, empangan dan lain-lain); operasi di makmal polis.

#### **x. Aktiviti profesional lain**

Merujuk kepada aktiviti mereka bentuk perindustrian, iaitu: mencipta dan membangun spesifikasi dan reka bentuk bagi mengoptimumkan penggunaan, nilai dan penampilan produk, termasuk penentuan bahan, pembinaan, mekanisme, bentuk, warna dan gilapan akhir produk, dengan mengambil kira sifat dan keperluan manusia, keselamatan, tarikan pasaran dan kecekapan pengeluaran, pengedaran, penggunaan dan penyelenggaraan.

Bagi aktiviti fotografi termasuk pengeluaran fotografi komersial dan konsumer seperti fotografi potret untuk pasport, sekolah, perkahwinan dan lain-lain; fotografi untuk tujuan komersial, penerbitan, fesyen, hartanah, pengiklanan atau pelancongan; fotografi dari udara; rakaman video untuk majlis seperti perkahwinan, mesyuarat, memproses filem seperti pencucian, percetakan dan pembesaran dari negatif yang diambil oleh pelanggan atau *cine-films*; pencucian filem dan makmal percetakan foto; kedai gambar satu jam (tidak termasuk kedai menjual kamera); pemasangan slaid, penyalinan dan pemulihan atau memperkemaskan semula transparansi berkaitan dengan gambar, aktiviti jurugambar wartawan dan memikrofilem dokumen.

Aktiviti ibu pejabat pula merujuk kepada pengawasan dan pengurusan unit-unit lain di dalam syarikat atau enterpris; menjalankan perancangan atau pengurusan strategik dan

berperanan membuat keputusan bagi syarikat atau enterpris; menggunakan perancangan operasi dan mengurus operasi harian unit-unit yang berkaitan.

### 5. Unit melapor

Bilangan pertubuhan yang dilaporkan dalam penerbitan ini berbeza dengan data awalan yang dikeluarkan dalam penerbitan Banci Ekonomi 2016 Statistik Pertubuhan. Perbezaan ini disebabkan oleh analisis terkini status cawangan, pengelasan industri dan status operasi pertubuhan.

Unit melapor bagi banci ini ialah **pertubuhan**. Sesebuah pertubuhan secara ideal ditakrifkan sebagai “satu unit ekonomi yang bergiat di bawah satu hak milik atau penguasaan tunggal, iaitu di bawah satu entiti yang sah. Ia menjalankan satu jenis subsektor ekonomi utama di satu tempat/lokasi fizikal”. Setiap pertubuhan diberikan klasifikasi industri berdasarkan aktiviti utamanya dan bukannya mengikut aktiviti syarikat induk.

Setiap cawangan daripada organisasi yang mempunyai beberapa cawangan di lokasi yang berbeza dari segi konsep dianggap sebagai pertubuhan yang berlainan. Pertubuhan berkenaan diminta memberikan penyata yang berasingan bagi setiap kegiatannya dari segi nilai. Walau bagaimanapun, dari segi praktis akaun biasanya disediakan secara berpusat kerana kesukaran untuk memperoleh data yang berasingan bagi setiap unit atau cawangan. Entiti atau ‘enterprise’ ini akan dianggap sebagai satu unit pelapor dan dibenarkan mengemukakan soal selidik yang menggabungkan semua unit atau cawangannya.

### 6. Nilai output kasar

Nilai output kasar ditakrifkan dengan memasukkan perkara berikut:

- Pendapatan daripada perkhidmatan yang disediakan
- + Pendapatan daripada yuran keahlian
- + Pendapatan sewa yang diterima kecuali tanah
- + Pendapatan daripada perkhidmatan pengurusan
- + Komisen dan brokeraj yang diperoleh
- + Perbelanjaan penyelidikan dan pembangunan (dalaman)



- + Pendapatan operasi lain
- + Nilai jualan barangan yang dibeli untuk dijual semula
- Nilai barang yang dibeli untuk dijual semula dalam keadaan sama seperti dibeli

**7. Nilai input perantaraan** Bermula tahun 2014, perbelanjaan penyelidikan dan pembangunan telah dikeluarkan daripada pengiraan input perantaraan dan diambilkira sebagai perbelanjaan harta selaras dengan penggunaan *Recommendation of System of National Accounts (SNA) 2008*. Nilai input perantaraan ditakrifkan dengan memasukkan perkara berikut:

- Pembelian barangan, bahan dan perkhidmatan
- + Bayaran pembaikan dan penyelenggaraan
- + Perbelanjaan alat tulis, bekalan pejabat dan bekalan lain
- + Pembelian perkhidmatan pengangkutan
- + Perbelanjaan perjalanan dan hiburan
- + Perbelanjaan elektrik, air, bahan pembakar, pelincir dan gas
- + Bayaran perakaunan, kesetiausahaan dan audit
- + Bayaran guaman dan perkhidmatan profesional lain
- + Bayaran pengurusan
- + Komisen dan bayaran agensi
- + Bayaran telekomunikasi, pos dan percetakan
- + Pengiklanan, pemasaran dan promosi
- + Premium insurans kecuali insurans pampasan kerja
- + Bayaran bagi perkhidmatan keselamatan
- + Bayaran sewa tidak termasuk sewa penggunaan tanah
- + Perbelanjaan operasi lain
- + Stok akhir
- Stok awal

**8. Nilai ditambah** Nilai ditambah adalah tambahan kepada nilai barangan dan perkhidmatan yang dikeluarkan oleh sesebuah pertubuhan. Nilai ditambah diperoleh daripada perbezaan antara nilai output kasar dengan nilai input perantaraan.

**9. Bilangan pekerja** Jumlah pekerja meliputi semua orang yang diambil bekerja pada bulan Disember atau pada tempoh pembayaran gaji terakhir pada tahun rujukan. Bilangan orang yang bekerja dikategorikan seperti berikut:

i. **Pemilik yang bekerja dan rakan niaga yang aktif**

Kategori ini merujuk kepada semua pemilik perseorangan dan rakan niaga, sambilan atau sepenuh masa, yang bekerja dengan aktif dalam pertubuhan. Justeru itu, ia tidak termasuk rakan niaga yang tidak aktif.

ii. **Pekerja keluarga tanpa gaji**

Kategori ini meliputi semua ahli isi rumah 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 dan terus mendapatnya sama ada mereka bekerja atau tidak di pertubuhan tersebut.

iii. **Pekerja bergaji sepenuh masa**

Ia merujuk kepada semua pekerja bergaji yang bekerja sekurang-kurangnya 6 jam sehari dan sekurang-kurangnya 20 hari sebulan.

iv. **Pekerja bergaji sambilan**

Ia merujuk kepada semua pekerja bergaji yang bekerja kurang daripada 6 jam sehari dan/atau kurang daripada 20 hari sebulan.

**10. Kategori kemahiran**

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

i) **Pekerja mahir**

Pengurus, profesional, penyelidik serta juruteknik dan profesional bersekutu;

**ii) Pekerja separuh mahir**

Pekerja sokongan perkeranian, Perkhidmatan dan jualan, kemahiran dan pertukangan yang berkaitan serta operator mesin, loji dan pemasang; dan

**iii) Pekerja kurang mahir**

Pekerjaan asas.

**11. Nilai harta tetap**

Harta tetap meliputi semua barangan, baru atau terpakai, aset ketara atau aset tidak ketara yang digunakan secara berulang atau berterusan yang mempunyai hayat produktif lebih daripada setahun. Ia termasuk tanah, bangunan dan struktur, alat pengangkutan, komputer dan 'peripheral equipment', mesin, peralatan serta perabot dan pemasangan lain. Nilai harta tetap awal dan akhir bagi tahun rujukan 2015 adalah berasaskan nilai buku bersih. Pembelian, pindaan dan pembaikan besar atau perbelanjaan modal pada tahun berkenaan dikira pada nilai kos sebenar yang dibayar. Nilai harta tetap yang dijual dalam tahun semasa juga dikira pada nilai sebenar.

**12. Pembundaran**

Penjumlahan komponen mungkin berbeza dengan angka jumlah kecil atau jumlah besar disebabkan pembundaran.

**13. Kadar pertumbuhan tahunan dikompaun (CAGR)**

Pengiraan kadar pertumbuhan tahunan ( $r$ ) adalah berdasarkan formula berikut;

$$Y_t = Y_0 (1 + r)^t$$

Di mana  $r$ ,

$$r = \left[ e^{\frac{1}{t} \ln \left( \frac{Y_t}{Y_0} \right)} - 1 \right] \times 100$$

Di mana,

$Y_t$  = Nilai pada tahun semasa

$Y_0$  = Nilai pada tahun sebelum

$t$  = Bilangan tahun,  $Y_t - Y_0$

$r$  = kadar pertumbuhan tahunan

### 14. Simbol dan singkatan

|          |   |                                     |
|----------|---|-------------------------------------|
| -        | : | tiada                               |
| %        | : | peratus                             |
| &        | : | dan                                 |
| >        | : | lebih daripada                      |
| <        | : | kurang daripada                     |
| }        | : | digabungkan                         |
| <br>     |   |                                     |
| b        | : | bilion                              |
| RM       | : | Ringgit Malaysia                    |
| dll.     | : | dan lain-lain                       |
| spt.     | : | seperti                             |
| t.t.t.l. | : | tidak terkelas di tempat lain       |
| W.P.     | : | Wilayah Persekutuan                 |
| CAGR     | : | kadar pertumbuhan tahunan dikompaun |

### 1. Scope and coverage

This census covered all registered establishments engaged in **professional services** which included main activities as follows:

- i. Architecture activities;
- ii. Engineering activities;
- iii. Land & quantity surveying activities;
- iv. Accounting activities;
- v. Legal activities;
- vi. Advertising activities;
- vii. Management consultancy and market research activities;
- viii. Veterinary activities;
- ix. Scientific research & development and technical testing & analysis activities;
- x. Other professional activities.

Overall, 36 industries were covered based on the classification under Malaysia Standard Industrial Classification (MSIC), 2008 ver.1.0. The complete list of activities covered is shown in **Appendix**.

### 2. Source frame

The main source for the establishment frame is obtained from government agencies, boards and associations of professional bodies and other relevant agencies / bodies as stated below:

- i. High Court Registry
- ii. Bar Council-Legal Directory
- iii. Judicial Department, Sarawak
- iv. Malaysian Institute of Accountants
- v. Malaysia Institute of Certified Public Accountants
- vi. Board of Architects, Malaysia
- vii. Malaysian Institute of Architects
- viii. Board of Engineers, Malaysia
- ix. The Institution of Engineers, Malaysia
- x. Association of Consulting Engineers, Malaysia
- xi. Board of Land Surveyors, Malaysia
- xii. Board of Quantity Surveyors, Malaysia
- xiii. Institution of Surveyors, Malaysia

- xiv. *Board of Value's, Appraisers and Estate Agents, Malaysia*
- xv. *Sabah Surveyors Board*
- xvi. *Land and Survey Department, Sarawak*

*The frame is updated annually to take into account new establishments and to record any changes in the status of the establishments such as closed down, not in operation, changes in types of activities and location or postal addresses to make sure the information in the frame is the latest update.*

### **3. Type of business activity**

*Type of business activity refers to both principal and secondary activities. The principal activity refers to the activity to which the establishment devoted most of its resources or to which it contributes the largest income. Secondary activities are defined as those incidental or ancillary to the principal activity. Industry classification of the establishment is based on the principal activity and is in accordance to the **Malaysia Standard Industrial Classification (MSIC) 2008 Ver.1.0**. The MSIC 2008 conforms to the International Standard Industrial Classification of All Economic Activities (ISIC) Rev.4, United Nations, with modifications to suit local conditions.*

### **4. Concepts and definitions**

*The definition of professional, scientific and technical services adopted in this publication are based on the recommendations of the Malaysia Standard Industrial Classification (MSIC) 2008 ver. 1.0:*

**Professional, scientific and technical** *includes specialized professional, scientific and technical activities which require a high degree of expertise and training, and specialized knowledge and skills available to users. Activities performed include legal and accounting activities, activities of head offices, management consultancy activities, architecture and engineering activities, technical testing and analysis, scientific research and development, advertising and market research,*



*other professional, scientific and technical activities, veterinary activities.*

**i. Architectural activities**

*Refers to the provision of architectural services on a fee or contract basis. These services must be provided by establishments operated by persons registered under Section (A) of the Register of Architects and Section (B) of the Register of Building Draughtsman maintained by the Board of Architects under the provisions of the Architects Act, 1967 (Revised 1973). Architectural consulting activities which concerns building design and drafting and often supervision of construction, town and city planning and landscape architecture.*

**ii. Engineering activities**

*Refers to the provision of engineering services for others on a fee or contract basis. Included are engineering research, development and testing services. These services must be provided by establishments operated by persons registered under Section 7(1) of the Registration of Engineers Act, 1967 (Revised 1987).*

*a) Include engineering design (i.e. applying physical laws and principles of engineering in the design of machines, materials, instruments, structures, processes and systems) and consulting activities for:*

- machinery, industrial processes and industrial plant;*
- projects involving civil engineering, hydraulic engineering, traffic engineering;*
- water management projects;*
- projects elaboration and realization relative to electrical and electronic engineering, mining engineering, chemical engineering, mechanical, industrial and systems engineering, safety engineering;*

- *project management activities related to construction.*

*b) Engineering services refers to elaboration of projects using air conditioning, refrigeration, sanitary and pollution control engineering, acoustical engineering, etc.*

**iii. Land & quantity surveying activities**

*Refers to the provision of surveying services for others on a fee or contract basis. These services must be provided by establishments operated by persons registered under the Board of Land Surveyors and Board of Quantity Surveyors maintained under the Licensed Land Surveyors Act, 1958 (Revised 1991) and the registration of Quantity Surveyors Act, 1967 (Revised 1992).*

*(Note: in 2010, other architectural and engineering activities and related technical consultancy (MSIC 71109) data are combined with other professional, scientific and technical services).*

**iv. Accounting activities**

*Refers to services involving the recording of commercial transactions from businesses or others, preparation or auditing of financial accounts, examination of accounts and certification of their accuracy and preparation of personal and business income tax returns. Included are related advisory activities and representation (other than legal representation) on behalf of clients before tax authorities.*

**v. Legal activities**

*Refers to legal representation of one party's interest against another party, whether or not before courts or other judicial bodies by, or under supervision of, persons who are members of the bar; general counseling and advising, preparation of legal documents and other activities of notaries public, civil law notaries, bailiffs, arbitrators and examiners and referees.*

#### **vi. Advertising activities**

*Refers to provision of a full range of advertising services through in-house capabilities or subcontracting.*

*Advertising agency activities encompasses:*

- *creating and placing advertising in newspaper, periodicals, radio, television, the internet and other media;*
- *creating and placing of outdoor advertising, example: billboards, panels, bulletins and frame, window dressing, showroom design, car and bus carding, and others;*
- *media representation i.e. Sale of time and space for various media soliciting advertising, aerial advertising; distribution or delivery of advertising material or samples, provision of advertising space on billboards, creation of stands and other display structures and sites;*

*Include conducting marketing campaigns and other advertising services aimed at attracting and retaining customers (promotion of products; point-of-sale marketing; direct mail advertising; marketing consulting).*

#### **vii. Management consultancy and market research activities**

*This activities includes the provision of advice, guidance and operational assistance to businesses and other organisations on management issues, such as strategic and organisational planning; decision areas that are financial in nature; marketing objectives and policies; human resource policies, practices and planning; production scheduling and control planning.*

*This service may include advice, guidance or operational assistance to businesses and the public service regarding public relations and communication; lobbying activities; design of accounting methods or procedures,*

*cost accounting programmed, budgetary control procedures and advice and help to businesses and public services in planning, organisation, efficiency and control, management information, etc.*

*Market research services refers to investigation into market potential, acceptance and familiarity of products and buying habits of consumers for the purpose of sales promotion and development of new products, including statistical analyses of the results; investigation into collective opinions of the public about political, economic and social issues and statistical analysis thereof.*

**viii. Veterinary activities**

*Refers to animal health care and control activities for farm animals and animal health care and control activities for pet animals. These activities are carried out by qualified veterinarians when working in veterinary hospitals as well as when visiting farms, kennels or homes, in own consulting and surgery rooms or elsewhere. It also includes activities of veterinary assistants or other auxiliary veterinary personnel, clinic-pathological and other diagnostic activities pertaining to animals and animal ambulance activities.*

**ix. Scientific research & development and technical testing & analysis activities**

*This activity refers to research and development of natural sciences, engineering and technology, medical sciences, biotechnology, agricultural sciences, social sciences, humanities research and development.*

*Technical testing and analysis includes the performance of physical, chemical testing and other analytical for all types of materials and products; certification of products, including consumer goods, motor vehicles, aircraft, pressurized containers, nuclear plants and others; periodic road-safety testing of motor vehicles; testing with*

*use of model or replica ( e.g. aircraft, ships, dams etc. );  
operation of police laboratories.*

**x. Other professional activities**

*Refer to the activities of their industrial design, namely: creating and developing the specifications and design in order to optimize the use, value and appearance of products, including the determination of the materials, construction, mechanisms, shape, color and polished final product, taking into account the nature and human needs, security, market traction and efficiency of production, distribution, use and maintenance.*

*For photographic activities include commercial and consumer photograph production such as portrait photography for passports, schools, weddings and other; photography for commercials, publishers, fashion, real estate or tourism purposes, aerial photography and videotaping of events: weddings, meetings, etc.; film processing such as developing, printing and enlarging from client-taken negatives or cine-films, film developing and photo printing laboratories, one hour photo shops (not part of camera stores), mounting of slides and copying and restoring or transparency retouching in connection with photographs; activities of photojournalists; microfilming of documents.*

*Activities of head offices refers to the overseeing and managing of other units of the company or enterprise; undertaking the strategic or organisational planning and decision making role of the company or enterprise; exercising operational control and manage the day-to-day operations of their related units.*

**5. Reporting unit**

*The number of establishments reported in this publication were different from preliminary data published in the Economic Census 2016 Establishment Statistics. The difference was due*

to the latest analysis of branches status, reclassification of industry and operational status of the establishments.

The reporting unit for this census is the **establishment**. Ideally, an establishment was defined as “an economic unit that engaged in one activity, under a single legal entity and operating in a single physical location”. Each establishment was assigned an industry classification based on its principal activity and did not follow its parent company.

Each branch of the organization which has multiple branches in different locations was conceptually treated as the different organisation. The establishment was requested to give separate statement for each activity in terms of value. However, in practice, the accounts were centrally kept as it was difficult to obtain separate data for each individual unit or branch. The entity or enterprise was treated as a single reporting unit and allowed to submit a consolidated questionnaire covering all units or branches.

#### **6. Value of gross output**

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

- Revenue from services provided
- + Income from membership fees
- + Rental income received except land
- + Income from management services
- + Commissions and brokerage earned
- + Research and development expenditure (in-house)
- + Other operating income
- + Value of goods sold in the same condition as purchased
- Value of goods purchased for resale in the same condition as purchased

#### **7. Value of Intermediate input**

Effective 2014, research and development expenditure has been removed from calculation of intermediate input and treated as capital asset in line with the recommendation of



System of National Accounts (SNA) 2008. The value of intermediate input is defined to include the following elements:

- Purchase of goods, materials and services*
- + *Payments for repairs and maintenance*
- + *Expenditure for stationery, office supplies and others*
- + *Purchases of transport services*
- + *Travel and entertainment expenses*
- + *Expenditure for electricity, water, fuel, lubricants and gas*
- + *Accounting, secretarial and audit*
- + *Legal and other professional services fees*
- + *Management fees*
- + *Commissions and agency fees*
- + *Telecommunication, postage and printing cost*
- + *Advertising, marketing and promotion*
- + *Insurance premiums except workers' compensation work*
- + *Payments for security services*
- + *Rental payments excludes rent for use of land*
- + *Other operating expenditure*
- + *Closing stock*
- *Opening stock*

**8. Value added**

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

**9. Number of persons engaged**

*Employment covers all persons engaged during December or the last pay period of the reference year. The number of persons engaged was classified under the following categories:*

**i. Working proprietors and active business partner**

*This category refers to all individual proprietors and partners, part-time or full time, who are actively engaged in the work of the establishment. Therefore, excludes silent and inactive partners.*

**ii. Unpaid family workers**

*This category encompasses all persons (full-time or part-time) in the household 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 work done. Such workers generally receive food, shelter and other support as part of the household of an owner but this would continue whether they worked in the establishment or not.*

**iii. Paid full-time employees**

*It refers to all paid workers who work for at least 6 hours a day and 20 days a month.*

**iv. Paid part-time employees**

*It refers to all paid workers who work for less than 6 hours a day and/or less than 20 days a month.*

**10. Category of skills** *Job category has also been categorized according to Malaysia Standard Classification of Occupations 2013 (MASCO) as follow:*

**i) High-skills workers**

*Managers, professionals, researcher and technician & associate professionals;*

**ii) Semi-skills workers**

*Clerical support, service & sales, craft & related trades workers and plant and machine operators and assemblers; and*

**iii) Low-skills workers**

*Elementary occupations*

**11. Value of assets**

*Fixed assets cover all goods, new or used, tangible or intangible used repeatedly or continuously that have a normal economic life span of more than one year. This including land, buildings and structure; transport equipment; computer and peripheral equipment; other machinery, equipment and furniture & fittings. Value of assets as at the beginning and end of 2015 was based on net book value. Purchases, alterations and major repairs or capital expenditure during the year were valued at actual costs incurred. Value of assets sold during the year also valued at actual cost.*

**12. Rounding**

*The sum of the component figures may not tally with the sub-total or total figures due to rounding.*

**13. Compound annual growth rate (CAGR)**

*The calculation of annual growth rate (r) is based on the following formula:*

$$Y_t = Y_o(1 + r)^t$$

*Where r,*

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

*Where,*

*Y<sub>t</sub> = Value at current year*

*Y<sub>o</sub> = Value at previous year*

*t = Number of years, Y<sub>t</sub> - Y<sub>o</sub>*

*r = Annual growth rate*

#### **14. Symbol and abbreviation**

|              |                                 |
|--------------|---------------------------------|
| -            | : nil                           |
| %            | : per cent                      |
| &            | : and                           |
| >            | : more than                     |
| <            | : less than                     |
| }            | : combined                      |
| <br>         |                                 |
| <i>b</i>     | : billion                       |
| <i>RM</i>    | : Ringgit Malaysia              |
| <i>etc.</i>  | : et cetera                     |
| <i>i.e</i>   | : that is                       |
| <i>n.e.c</i> | : not elsewhere classified      |
| <i>W.P.</i>  | : Federal Territory             |
| <i>CAGR</i>  | : compounded annual growth rate |



**BAHAGIAN 3**

*PART 3*

**JADUAL**

*TABLES*

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**Jadual 1.1: Perangkaan utama perkhidmatan profesional, 2010 dan 2015***Table 1.1: Principal statistics of professional services, 2010 and 2015*

| <b>Tahun</b><br><i>Year</i> | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantara</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|-----------------------------|---|---|--|---|--|---|---|
|                             |   | <b>(RM '000)</b>  | <b>(RM '000)</b>   | <b>(RM '000)</b>                            |  | <b>(RM '000)</b>  | <b>(RM '000)</b>  |
| <b>2015</b>                 | 34,045  | 40,452,277  | 16,106,485   | 24,345,792                                  | 314,292  | 10,073,211  | 12,472,313  |
| <b>2010</b>                 | 19,215  | 20,876,124  | 9,066,479  | 11,809,645                                  | 165,062  | 4,443,255   | 5,184,402   |



Jadual 1.2: Perangkaan utama perkhidmatan profesional mengikut aktiviti, 2015

Table 1.2: Principal statistics of professional services by activities, 2015

| Aktiviti<br><i>Activities</i>  | Bilangan<br>pertubuhan<br><i>Number of<br/>establishments</i> | Nilai output<br>kasar<br><i>Value of<br/>gross output</i> | Nilai input<br>perantaraan<br><i>Value of<br/>intermediate<br/>input</i> | Nilai<br>ditambah<br><i>Value<br/>added</i> | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br><i>Number of persons<br/>engaged during December<br/>or the last pay period</i> | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i> | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br><i>Value of fixed<br/>assets owned as at<br/>the end of the year</i> |
|--|---|---|--|---|---|---|--|
|  |   | (RM '000)   | (RM '000)  | (RM '000)                                   |   | (RM '000)   | (RM '000)  |
| <b>Jumlah/ Total</b>   | <b>34,045</b>   | <b>40,452,277</b>   | <b>16,106,485</b>  | <b>24,345,792</b>                           | <b>314,292</b>  | <b>10,073,211</b>   | <b>12,472,313</b>  |
| <b>Arkitek</b><br><i>Architectural</i>   | 3,600   | 3,090,058   | 1,153,688  | 1,936,370                                   | 25,829  | 759,011   | 826,008  |
| <b>Kejuruteraan</b><br><i>Engineering</i>  | 5,288   | 8,272,406   | 3,430,954  | 4,841,452                                   | 58,035  | 1,771,948   | 2,119,201  |
| <b>Juru ukur tanah &amp; bahan</b><br><i>Land &amp; quantity surveying</i>   | 1,086   | 1,021,385   | 418,521  | 602,864                                     | 10,107  | 251,535   | 363,889  |
| <b>Perakaunan</b><br><i>Accounting</i>   | 3,870   | 3,504,104   | 1,145,015  | 2,359,089                                   | 35,716  | 1,250,314   | 947,638  |
| <b>Guaman</b><br><i>Legal</i>  | 6,054   | 4,989,842   | 1,275,831  | 3,714,011                                   | 47,991  | 1,234,116   | 554,349  |
| <b>Pengiklanan</b><br><i>Advertising</i>   | 2,082   | 5,237,614   | 3,398,508  | 1,839,105                                   | 30,150  | 1,126,438   | 1,225,220  |
| <b>Pakar runding pengurusan dan<br/>penyelidikan pasaran</b><br><i>Management consultancy and market<br/>research</i>  | 6,154   | 4,368,253   | 1,579,155  | 2,789,098                                   | 42,683  | 1,493,843   | 977,936  |
| <b>Veterinar</b><br><i>Veterinary</i>  | 224   | 168,647   | 90,393   | 78,254                                      | 1,447   | 38,648  | 60,351   |
| <b>Penyelidikan &amp; pembangunan saintifik<br/>dan ujian teknikal &amp; analisis</b><br><i>Scientific research &amp; development and<br/>technical testing &amp; analysis</i> | 965   | 3,773,940   | 1,132,486  | 2,641,453                                   | 17,697  | 798,114   | 2,106,644  |
| <b>Profesional lain</b><br><i>Other professional</i>   | 4,722   | 6,026,028   | 2,481,932  | 3,544,095                                   | 44,637  | 1,349,244   | 3,291,077  |

**Jadual 1.3: Perangkaan utama perkhidmatan profesional mengikut negeri, 2015**  
*Table 1.3: Principal statistics of professional services by states, 2015*

| Negeri<br>States    | Bilangan<br>pertubuhan<br><i>Number of<br/>establishments</i> | Nilai output<br>kasar<br><i>Value of<br/>gross output</i> | Nilai input<br>perantaraan<br><i>Value of<br/>intermediate<br/>input</i> | Nilai<br>ditambah<br><i>Value<br/>added</i> | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br><i>Number of persons<br/>engaged during December<br/>or the last pay period</i> | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i> | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br><i>Value of fixed<br/>assets owned as at<br/>the end of the year</i> |
|---------------------|---|---|--|---|---|---|--|
|                     |   | (RM '000)   | (RM '000)  | (RM '000)                                   |   | (RM '000)   | (RM '000)  |
| <b>Jumlah/Total</b> | <b>34,045</b>   | <b>40,452,277</b>   | <b>16,106,485</b>  | <b>24,345,792</b>                           | <b>314,292</b>  | <b>10,073,211</b>   | <b>12,472,313</b>  |
| Johor               | 3,185   | 1,966,566   | 778,108  | 1,188,458                                   | 23,082  | 613,052   | 1,178,295  |
| Kedah               | 686   | 436,831   | 134,348  | 302,484                                     | 4,870   | 113,192   | 233,287  |
| Kelantan            | 405   | 190,717   | 67,537   | 123,180                                     | 2,705   | 49,145  | 30,193   |
| Melaka              | 833   | 425,880   | 112,061  | 313,820                                     | 5,591   | 126,946   | 102,230  |
| Negeri Sembilan     | 814   | 375,252   | 143,041  | 232,212                                     | 5,145   | 119,332   | 120,010  |
| Pahang              | 495   | 263,281   | 84,254   | 179,027                                     | 3,754   | 82,857  | 71,853   |
| Perak               | 1,380   | 596,444   | 188,805  | 407,640                                     | 8,800   | 190,821   | 133,368  |
| Perlis              | 68  | 39,893  | 11,735   | 28,159                                      | 481   | 7,497   | 7,297  |
| Pulau Pinang        | 2,753   | 2,011,990   | 724,949  | 1,287,041                                   | 18,286  | 470,020   | 493,776  |
| Sabah               | 1,061   | 1,018,602   | 341,337  | 677,265                                     | 9,202   | 261,518   | 254,943  |
| Sarawak             | 1,356   | 1,450,237   | 482,845  | 967,392                                     | 13,733  | 418,251   | 353,721  |
| Selangor            | 11,564  | 13,529,017  | 5,583,065  | 7,945,953                                   | 106,982   | 3,662,603   | 4,863,435  |
| Terengganu          | 371   | 289,860   | 124,739  | 165,121                                     | 3,165   | 76,543  | 60,368   |
| W.P. Kuala Lumpur   | 8,992   | 17,787,811  | 7,307,796  | 10,480,015                                  | 107,692   | 3,862,311   | 4,550,839  |
| W.P. Putrajaya      | 32  | 29,929  | 7,343  | 22,585                                      | 513   | 11,401  | 3,879  |
| W.P. Labuan         | 50  | 39,966  | 14,524   | 25,442                                      | 291   | 7,722   | 14,819   |

**Jadual 1.4: Perangkaan utama perkhidmatan profesional mengikut taraf sah, 2015**

*Table 1.4: Principal statistics of professional services by legal status, 2015*

| <b>Taraf sah</b><br><i>Legal status</i>   | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|---|---|---|--|---|--|---|---|
|   |   | (RM '000)   | (RM '000)  | (RM '000)                                   |  | (RM '000)   | (RM '000)   |
| <b>Jumlah/ Total</b>  | <b>34,045</b>   | <b>40,452,277</b>   | <b>16,106,485</b>  | <b>24,345,792</b>                           | <b>314,292</b>   | <b>10,073,211</b>   | <b>12,472,313</b>   |
| <b>Hak milik perseorangan</b><br><i>Individual proprietorship</i>   | 10,713  | 4,581,188   | 1,597,349  | 2,983,839                                   | 56,862   | 1,212,930   | 846,213   |
| <b>Perkongsian</b><br><i>Partnership</i>  | 5,530   | 5,241,083   | 1,514,222  | 3,726,860                                   | 52,653   | 1,410,952   | 1,143,902   |
| <b>Perkongsian liabiliti terhad</b><br><i>Limited liabilities partnership</i>                                 | 172   | 131,492   | 51,328   | 80,163                                      | 1,111  | 42,761  | 52,404  |
| <b>Syarikat sendirian berhad</b><br><i>Private limited company</i>  | 17,544  | 29,130,441  | 12,401,656   | 16,728,785                                  | 195,517  | 7,155,491   | 8,884,941   |
| <b>Syarikat awam berhad</b><br><i>Public limited company</i>  | 59  | 1,293,541   | 501,167  | 792,374                                     | 7,692  | 229,551   | 1,503,962   |
| <b>Koperasi</b><br><i>Co-operative</i>  | 20  | 15,178  | 8,346  | 6,832                                       | 165  | 4,321   | 1,225   |
| <b>Pertubuhan persendirian yang tidak mencari keuntungan</b><br><i>Private non-profit making organisation</i> | 7   | 59,354  | 32,416   | 26,938                                      | 292  | 17,205  | 39,666  |

**Jadual 1.5: Perangkaan utama perkhidmatan profesional mengikut hak milik, 2015**

*Table 1.5: Principal statistics of professional services by ownerships, 2015*

| <b>Hak milik</b><br><i>Ownerships</i>                           | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|---|---|---|--|---|--|---|---|
|   |   | (RM '000)   | (RM '000)  | (RM '000)                                   |  | (RM '000)   | (RM '000)   |
| <b>Jumlah/ Total</b>  | <b>34,045</b>   | <b>40,452,277</b>   | <b>16,106,485</b>  | <b>24,345,792</b>                           | <b>314,292</b>   | <b>10,073,211</b>   | <b>12,472,313</b>   |
| <b>Residen Malaysia</b><br><i>Malaysian residents</i>           | 33,874  | 39,355,259  | 15,610,708   | 23,744,551                                  | 310,280  | 9,868,567   | 12,201,484  |
| <b>Bukan residen Malaysia</b><br><i>Non-Malaysian residents</i> | 131   | 911,056   | 433,638  | 477,418                                     | 3,264  | 150,534   | 244,942   |
| <b>Hak milik bersama</b><br><i>Joint ownership</i>              | 40  | 185,962   | 62,138   | 123,823                                     | 748  | 54,109  | 25,887  |

**Jadual 1.6: Perangkaan utama perkhidmatan profesional mengikut saiz output, 2015**

*Table 1.6: Principal statistics of professional services by size of output, 2015*

| Saiz output<br><i>Size of output</i>       |                                | Bilangan<br>pertubuhan<br><i>Number of<br/>establishments</i> | Nilai output<br>kasar<br><i>Value of<br/>gross output</i> | Nilai input<br>perantaraan<br><i>Value of<br/>intermediate<br/>input</i> | Nilai<br>ditambah<br><i>Value<br/>added</i> | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br><i>Number of persons<br/>engaged during December<br/>or the last pay period</i> | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i> | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br><i>Value of fixed<br/>assets owned as at<br/>the end of the year</i> |
|--|--------------------------------|---|---|--|---|---|---|--|
| (RM '000)                                  |                                |   | (RM '000)   | (RM '000)  | (RM '000)                                   |   | (RM '000)   | (RM '000)  |
| <b>Jumlah/ Total</b>                       |                                | <b>34,045</b>   | <b>40,452,277</b>   | <b>16,106,485</b>  | <b>24,345,792</b>                           | <b>314,292</b>  | <b>10,073,211</b>   | <b>12,472,313</b>  |
| <b>Kurang daripada</b><br><i>Less than</i> | <b>300</b>                     | 14,504  | 2,142,549   | 783,590  | 1,358,959                                   | 50,106  | 793,853   | 835,873  |
| <b>300</b>                                 | - <b>&lt; 3000</b>             | 17,699  | 15,171,864  | 5,710,341  | 9,461,523                                   | 159,897   | 4,668,473   | 4,360,012  |
| <b>3,000</b>                               | - <b>&lt; 20000</b>            | 1,625   | 9,926,538   | 4,047,465  | 5,879,072                                   | 59,987  | 2,381,590   | 2,953,028  |
| <b>20,000</b>                              | <b>dan lebih<br/>and above</b> | 217   | 13,211,325  | 5,565,088  | 7,646,237                                   | 44,302  | 2,272,099   | 4,323,399  |

**Jadual 1.7: Perangkaan utama perkhidmatan profesional mengikut saiz pekerja, 2015**

*Table 1.7: Principal statistics of professional services by size of employment, 2015*

| Saiz pekerja<br><i>Size of employment</i>  |                                      | Bilangan<br>pertubuhan<br><i>Number of<br/>establishments</i> | Nilai output<br>kasar<br><i>Value of<br/>gross output</i> | Nilai input<br>perantaraan<br><i>Value of<br/>intermediate<br/>input</i> | Nilai<br>ditambah<br><i>Value<br/>added</i> | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br><i>Number of persons<br/>engaged during December<br/>or the last pay period</i> | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i> | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br><i>Value of fixed<br/>assets owned as at<br/>the end of the year</i> |
|--|--------------------------------------|---|---|--|---|---|---|--|
|  |                                      |   | (RM '000)   | (RM '000)  | (RM '000)                                   |   | (RM '000)   | (RM '000)  |
| <b>Jumlah/ Total</b>                       |                                      | <b>34,045</b>   | <b>40,452,277</b>   | <b>16,106,485</b>  | <b>24,345,792</b>                           | <b>314,292</b>  | <b>10,073,211</b>   | <b>12,472,313</b>  |
| <b>Kurang daripada</b><br><i>Less than</i> | <b>5</b>                             | 15,354  | 4,471,193   | 1,764,008  | 2,707,185                                   | 42,907  | 917,741   | 1,474,971  |
| <b>5</b>                                   | -                                    | <b>29</b>   | 17,450  | 19,020,867   | 7,467,767                                   | 164,480   | 4,948,231   | 5,329,505  |
| <b>30</b>                                  | -                                    | <b>75</b>   | 936   | 5,884,406  | 2,420,778                                   | 40,124  | 1,550,963   | 2,461,205  |
| <b>76</b>                                  | <b>dan lebih</b><br><i>and above</i> | 305   | 11,075,810  | 4,453,931  | 6,621,879                                   | 66,781  | 2,656,275   | 3,206,632  |

**Jadual 1.8: Perangkaan utama perkhidmatan profesional mengikut saiz harta tetap, 2015**

*Table 1.8: Principal statistics of professional services by size of fixed assets, 2015*

| Saiz harta tetap<br><i>Size of fixed assets</i> |   | Bilangan<br>pertubuhan<br><i>Number of<br/>establishments</i> | Nilai output<br>kasar<br><i>Value of<br/>gross output</i> | Nilai input<br>perantaraan<br><i>Value of<br/>intermediate<br/>input</i> | Nilai<br>ditambah<br><i>Value<br/>added</i> | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br><i>Number of persons<br/>engaged during December<br/>or the last pay period</i> | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i> | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br><i>Value of fixed<br/>assets owned as at<br/>the end of the year</i> |
|---|---|---|---|--|---|---|---|--|
| (RM '000)                                       |   |   | (RM '000)   | (RM '000)  | (RM '000)                                   |   | (RM '000)   | (RM '000)  |
| <b>Jumlah/ Total</b>                            |   | <b>34,045</b>   | <b>40,452,277</b>   | <b>16,106,485</b>  | <b>24,345,792</b>                           | <b>314,292</b>  | <b>10,073,211</b>   | <b>12,472,313</b>  |
| <b>Kurang daripada</b><br><i>Less than</i>      |   | <b>10</b>   | 7,436   | 2,817,009  | 1,102,685                                   | 33,660  | 771,173   | 30,557   |
| <b>10</b>                                       | - | <b>49</b>   | 10,723  | 5,702,097  | 2,187,249                                   | 63,002  | 1,546,930   | 266,994  |
| <b>50</b>                                       | - | <b>99</b>   | 5,028   | 3,541,848  | 1,348,058                                   | 36,190  | 1,059,196   | 362,078  |
| <b>100</b>                                      | - | <b>199</b>  | 4,528   | 4,239,673  | 1,696,407                                   | 37,593  | 1,160,884   | 625,026  |
| <b>200</b>                                      | - | <b>499</b>  | 3,524   | 5,501,781  | 2,273,712                                   | 43,907  | 1,462,046   | 1,101,576  |
| <b>500</b>                                      | - | <b>999</b>  | 1,343   | 3,134,597  | 1,349,656                                   | 21,644  | 827,818   | 930,113  |
| <b>1,000</b>                                    |   | <b>dan lebih<br/>and above</b>                                | 1,463   | 15,515,273   | 6,148,717                                   | 78,296  | 3,245,164   | 9,155,969  |



**Jadual 1.9: Bilangan pekerja perkhidmatan profesional mengikut aktiviti, 2015**

Table 1.9: Number of persons engaged of professional services by activities, 2015

| Aktiviti<br><i>Activities</i>  | Bilangan<br>pertubuhan<br><i>Number of<br/>establishments</i> | Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir<br><i>Number of persons engaged during December or the last pay period</i> |  |   |   |
|--|---|---|--|---|---|
|  |   | Jumlah<br><i>Total</i>  | Pemilik yang bekerja,<br>rakan niaga yang aktif<br>dan pekerja keluarga<br>tidak bergaji<br><i>Working proprietors,<br/>active business partners<br/>and unpaid family workers</i> | Pekerja<br>sepenuh masa<br><i>Full-time<br/>employees</i> | Pekerja<br>sambilan<br><i>Part-time<br/>employees</i> |
| <b>Jumlah/ Total</b>   | <b>34,045</b>   | <b>314,292</b>  | <b>24,433</b>  | <b>284,323</b>  | <b>5,536</b>  |
| <b>Arkitek</b><br><i>Architectural</i>   | 3,600   | 25,829  | 2,141  | 23,385  | 303   |
| <b>Kejuruteraan</b><br><i>Engineering</i>  | 5,288   | 58,035  | 1,981  | 55,531  | 523   |
| <b>Juru ukur tanah &amp; bahan</b><br><i>Land &amp; quantity surveying</i>   | 1,086   | 10,107  | 881  | 8,946   | 280   |
| <b>Perakaunan</b><br><i>Accounting</i>   | 3,870   | 35,716  | 3,448  | 31,340  | 928   |
| <b>Guaman</b><br><i>Legal</i>  | 6,054   | 47,991  | 10,572   | 36,126  | 1,293   |
| <b>Pengiklanan</b><br><i>Advertising</i>   | 2,082   | 30,150  | 762  | 28,639  | 749   |
| <b>Pakar runding pengurusan dan<br/>penyelidikan pasaran</b><br><i>Management consultancy and market<br/>research</i>  | 6,154   | 42,683  | 1,678  | 40,426  | 579   |
| <b>Veterinar</b><br><i>Veterinary</i>  | 224   | 1,447   | 173  | 1,231   | 43  |
| <b>Penyelidikan &amp; pembangunan saintifik dan<br/>ujian teknikal &amp; analisis</b><br><i>Scientific research &amp; development and<br/>technical testing &amp; analysis</i> | 965   | 17,697  | 74   | 17,445  | 178   |
| <b>Profesional lain</b><br><i>Other professional</i>   | 4,722   | 44,637  | 2,723  | 41,254  | 660   |

**Jadual 1.10: Bilangan pekerja dan gaji & upah perkhidmatan profesional mengikut kategori pekerja, 2015**  
 Table 1.10: Number of persons engaged and salaries & wages of professional services by category of workers, 2015

| Kategori pekerja<br><i>Category of workers</i>  | Bilangan pekerja pada bulan Disember<br>atau pada tempoh gaji akhir<br><i>Total number of persons engaged during<br/>December or the last pay period</i> |                       |                            | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i><br>(RM '000) |
|---|--|-----------------------|----------------------------|--|
|   | Jumlah<br><i>Total</i>   | Lelaki<br><i>Male</i> | Perempuan<br><i>Female</i> | Jumlah<br><i>Total</i>   |
| <b>Jumlah/ Total</b>  | <b>314,292</b>   | <b>176,838</b>        | <b>137,454</b>             | <b>10,073,211</b>  |
| <b>Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji</b><br><i>Total working proprietors and unpaid family workers</i>   | <b>24,433</b>  | <b>18,906</b>         | <b>5,527</b>               | -  |
| <b>Pemilik yang bekerja dan rakan niaga yang aktif</b><br><i>Working proprietors and active business partners</i>   | 22,795   | 17,798                | 4,997                      | -  |
| <b>Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap)</b><br><i>Unpaid family workers (all members of family and friends not receiving regular wages)</i> | 1,638  | 1,108                 | 530                        | -  |
| <b>Jumlah pekerja (sepenuh masa)</b><br><i>Total employees (full-time)</i>  | <b>284,323</b>   | <b>155,178</b>        | <b>129,145</b>             | <b>10,012,610</b>  |
| <b>Pengurus</b><br><i>Managers</i>  | 35,565   | 25,074                | 10,491                     | 2,454,205  |
| <b>Profesional</b><br><i>Professionals</i>  | 62,854   | 38,376                | 24,478                     | 3,233,937  |
| <b>Profesional</b><br><i>Professionals</i>  | 57,665   | 35,430                | 22,235                     | 2,956,701  |
| <b>Penyelidik</b><br><i>Researchers</i>   | 5,189  | 2,946                 | 2,243                      | 277,236  |
| <b>Juruteknik dan profesional bersekutu</b><br><i>Technicians and associate professionals</i>   | 34,922   | 25,915                | 9,007                      | 1,129,930  |
| <b>Pekerja sokongan perkeranian</b><br><i>Clerical support workers</i>  | 78,518   | 16,598                | 61,920                     | 1,824,537  |
| <b>Pekerja perkhidmatan dan jualan</b><br><i>Service and sales workers</i>  | 15,032   | 8,259                 | 6,773                      | 373,531  |
| <b>Pekerja kemahiran dan pekerja pertukangan yang berkaitan</b><br><i>Craft and related trades workers</i>  | 11,768   | 9,791                 | 1,977                      | 255,799  |
| <b>Operator mesin, loji dan pemasang</b><br><i>Plant and machine operators and assemblers</i>   | 3,629  | 3,036                 | 593                        | 75,540   |
| <b>Pekerjaan asas</b><br><i>Elementary occupations</i>  | 42,035   | 28,129                | 13,906                     | 665,131  |
| <b>Pekerja bergaji (sambilan)</b><br><i>Paid employees (part-time)</i>  | <b>5,536</b>   | <b>2,754</b>          | <b>2,782</b>               | <b>60,601</b>  |

**Jadual 1.11: Bilangan pekerja perkhidmatan profesional mengikut kewarganegaraan dan kategori pekerja, 2015**

*Table 1.11: Number of persons engaged of professional by citizenship and category of workers, 2015*

| Kategori pekerja<br><i>Category of workers</i>  | Bilangan pekerja pada bulan Disember<br>atau pada tempoh gaji terakhir<br><i>Number of persons engaged during<br/>December or the last pay period</i> |                               |   |
|---|---|-------------------------------|---|
|   | Jumlah<br><i>Total</i>  | Warganegara<br><i>Citizen</i> | Bukan Warganegara<br><i>Non-citizen</i> |
| <b>Jumlah/ Total</b>  | <b>314,292</b>  | <b>308,795</b>                | <b>5,497</b>                            |
| <b>Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji</b><br><i>Total working proprietors and unpaid family workers</i>   | 24,433  | 24,423                        | 10                                      |
| <b>Pemilik yang bekerja dan rakan niaga yang aktif</b><br><i>Working proprietors and active business partners</i>   | 22,795  | 22,787                        | 8                                       |
| <b>Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap)</b><br><i>Unpaid family workers (all members of family and friends not receiving regular wages)</i> | 1,638   | 1,636                         | 2                                       |
| <b>Jumlah pekerja (sepenuh masa)</b><br><i>Total employees (full-time)</i>  | 284,323   | 278,990                       | 5,333                                   |
| <b>Pengurus</b><br><i>Managers</i>  | 35,565  | 35,256                        | 309                                     |
| <b>Profesional</b><br><i>Professionals</i>  | 62,854  | 62,490                        | 364                                     |
| <b>Profesional</b><br><i>Professionals</i>  | 57,665  | 57,359                        | 306                                     |
| <b>Penyelidik</b><br><i>Researchers</i>   | 5,189   | 5,131                         | 58                                      |
| <b>Juruteknik dan profesional bersekutu</b><br><i>Technicians and associate professionals</i>   | 34,922  | 34,671                        | 251                                     |
| <b>Pekerja sokongan perkeranian</b><br><i>Clerical support workers</i>  | 78,518  | 78,400                        | 118                                     |
| <b>Pekerja perkhidmatan dan jualan</b><br><i>Service and sales workers</i>  | 15,032  | 14,791                        | 241                                     |
| <b>Pekerja kemahiran dan pekerja pertukangan yang berkaitan</b><br><i>Craft and related trades workers</i>  | 11,768  | 10,180                        | 1,588                                   |
| <b>Operator mesin, loji dan pemasang</b><br><i>Plant and machine operators and assemblers</i>   | 3,629   | 3,395                         | 234                                     |
| <b>Pekerjaan asas</b><br><i>Elementary occupations</i>  | 42,035  | 39,807                        | 2,228                                   |
| <b>Pekerja bergaji (sambilan)</b><br><i>Paid employees (part-time)</i>  | 5,536   | 5,382                         | 154                                     |

**Jadual 1.12: Bilangan pekerja perkhidmatan profesional mengikut kategori kemahiran dan aktiviti, 2015**  
*Table 1.12: Number of persons engaged of professional services by category of skills and activities, 2015*

| Aktiviti<br><i>Activities</i>  | Mahir/High-Skilled*  |  | Separa Mahir/Semi-Skilled**  |  | Kurang Mahir/Low-Skilled***  |  |
|--|--|--|--|--|--|--|
|  | Bilangan pekerja pada bulan<br>Disember atau pada<br>tempoh gaji terakhir<br><i>Number of persons engaged during<br/>December or<br/>the last pay period</i> | Gaji & upah<br>yang dibayar<br>Salaries &<br>wages paid<br><br>(RM '000) | Bilangan pekerja pada bulan<br>Disember atau pada<br>tempoh gaji terakhir<br><i>Number of persons engaged during<br/>December or<br/>the last pay period</i> | Gaji & upah<br>yang dibayar<br>Salaries &<br>wages paid<br><br>(RM '000) | Bilangan pekerja pada bulan<br>Disember atau pada<br>tempoh gaji terakhir<br><i>Number of persons engaged during<br/>December or<br/>the last pay period</i> | Gaji & upah<br>yang dibayar<br>Salaries &<br>wages paid<br><br>(RM '000) |
| <b>Jumlah/ Total</b>   | <b>133,341</b>   | <b>6,818,072</b>   | <b>108,947</b>   | <b>2,529,406</b>   | <b>42,035</b>  | <b>665,131</b>   |
| <b>Arkitek</b><br><i>Architectural</i>   | 15,166   | 604,468  | 6,671  | 128,702  | 1,548  | 23,874   |
| <b>Kejuruteraan</b><br><i>Engineering</i>  | 33,405   | 1,374,222  | 17,464   | 326,563  | 4,662  | 63,606   |
| <b>Juru ukur tanah &amp; bahan</b><br><i>Land &amp; quantity surveying</i>   | 5,228  | 182,591  | 2,725  | 51,857   | 993  | 15,364   |
| <b>Perakaunan</b><br><i>Accounting</i>   | 16,305   | 898,343  | 12,289   | 298,641  | 2,746  | 45,817   |
| <b>Guaman</b><br><i>Legal</i>  | 10,727   | 657,994  | 22,264   | 511,603  | 3,135  | 49,499   |
| <b>Pengiklanan</b><br><i>Advertising</i>   | 8,850  | 654,199  | 10,383   | 315,313  | 9,406  | 146,043  |
| <b>Pakar runding pengurusan dan<br/>penyelidikan pasaran</b><br><i>Management consultancy and market<br/>research</i>  | 17,367   | 957,975  | 16,014   | 409,735  | 7,045  | 119,132  |
| <b>Veterinar</b><br><i>Veterinary</i>  | 440  | 23,757   | 517  | 10,822   | 274  | 3,681  |
| <b>Penyelidikan dan pembangunan<br/>saintifik; ujian teknikal &amp; analisis</b><br><i>Scientific research &amp; development;<br/>technical testing &amp; analysis</i> | 10,243   | 638,483  | 4,909  | 120,249  | 2,293  | 37,830   |
| <b>Profesional lain</b><br><i>Other professional</i>   | 15,610   | 826,039  | 15,711   | 355,921  | 9,933  | 160,285  |

\* Termasuk pengurusan & profesional dan juruteknik & profesional bersekutu / *Includes managers & professionals and technicians & associate professionals*

\*\* Termasuk pekerja sokongan perkeranian, pekerja perkhidmatan & jualan, pekerja kemahiran & pekerja pertukangan yang berkaitan dan operator mesin & loji pemasangan  
*Includes clerical support workers, service & sales workers, craft & related trades workers and plant & machine operators and assemblers*

\*\*\* Termasuk pekerjaan asas / *Includes elementary occupations*

**Jadual 1.13: Bilangan pekerja dalam perkhidmatan profesional mengikut jantina dan kelulusan, 2015**  
*Table 1.13: Number of persons engaged of professional services by sex and qualifications, 2015*

| Kelulusan<br><i>Qualifications</i>  | Jumlah<br>pekerja<br><i>Total<br/>employment</i> | Bilangan pekerja pada bulan Disember<br>atau pada tempoh gaji terakhir<br><i>Number of persons engaged during<br/>December or the last pay period</i> |                            |
|---|--|---|----------------------------|
|   |  | Lelaki<br><i>Male</i>   | Perempuan<br><i>Female</i> |
| <b>Jumlah/ Total</b>  | <b>314,292</b>                                   | <b>176,838</b>  | <b>137,454</b>             |
| <b>Pascasiswazah</b><br><i>Postgraduate</i>   | 13,310   | 9,831   | 3,479                      |
| <b>Ijazah sarjana muda/Diploma lanjutan atau yang setaraf</b><br><i>Bachelor/Advanced diploma or equivalent</i> | 105,404  | 68,045  | 37,359                     |
| <b>Diploma</b><br><i>Diploma</i>  | 70,119   | 36,428  | 33,691                     |
| <b>STPM atau yang setaraf</b><br><i>STPM or equivalent</i>  | 20,374   | 8,102   | 12,272                     |
| <b>Sijil</b><br><i>Certificate</i>  | 27,232   | 15,964  | 11,268                     |
| <b>SPM/SPM (V) atau yang setaraf</b><br><i>SPM/SPM (V) or equivalent</i>  | 67,601   | 30,985  | 36,616                     |
| <b>Di bawah taraf kelulusan SPM/SPM (V)</b><br><i>Below SPM/SPM (V) qualification</i>                           | 10,252   | 7,483   | 2,769                      |

**Jadual 1.14: Bilangan pekerja perkhidmatan profesional mengikut kelulusan dan aktiviti, 2015**  
 Table 1.14: Number of persons engaged of professional services by qualifications and activities, 2015

| <b>Aktiviti</b><br><i>Activities</i>   | <b>Pascasiswazah</b><br><i>Postgraduate</i> | <b>Ijazah sarjana muda/<br/>Diploma lanjutan atau<br/>yang setaraf</b><br><i>Bachelor/ Advanced<br/>diploma or equivalent</i> | <b>Diploma</b><br><i>Diploma</i> | <b>STPM</b><br><b>atau yang</b><br><b>setaraf</b><br><i>STPM or<br/>equivalent</i> | <b>Sijil</b><br><i>Certificate</i> | <b>SPM/SPM (V) atau</b><br><b>yang setaraf</b><br><i>SPM/SPM (V)<br/>or equivalent</i> | <b>Di bawah taraf</b><br><b>kelulusan SPM/SPM (V)</b><br><i>Below SPM/SPM (V)<br/>qualification</i> |
|--|---|---|----------------------------------|--|------------------------------------|--|---|
| <b>Jumlah/ Total</b>   | <b>13,310</b>                               | <b>105,404</b>  | <b>70,119</b>                    | <b>20,374</b>  | <b>27,232</b>                      | <b>67,601</b>  | <b>10,252</b>   |
| <b>Arkitek</b><br><i>Architectural</i>   | 1,005                                       | 10,952  | 6,544                            | 1,180  | 2,176                              | 3,553  | 419   |
| <b>Kejuruteraan</b><br><i>Engineering</i>  | 2,624                                       | 23,332  | 13,152                           | 2,776  | 5,662                              | 8,782  | 1,707   |
| <b>Juru ukur tanah &amp; bahan</b><br><i>Land &amp; quantity surveying</i>   | 294   | 3,558   | 2,643                            | 455  | 811                                | 1,751  | 595   |
| <b>Perakaunan</b><br><i>Accounting</i>   | 1,170                                       | 14,049  | 8,668                            | 2,474  | 2,527                              | 6,334  | 494   |
| <b>Guaman</b><br><i>Legal</i>  | 3,620                                       | 15,793  | 7,176                            | 3,711  | 2,915                              | 13,730   | 1,046   |
| <b>Pengiklanan</b><br><i>Advertising</i>   | 995   | 6,652   | 5,943                            | 1,676  | 3,034                              | 10,267   | 1,583   |
| <b>Pakar runding pengurusan dan penyelidikan pasaran</b><br><i>Management consultancy and market research</i>  | 1,324                                       | 13,286  | 10,825                           | 3,498  | 3,605                              | 8,575  | 1,570   |
| <b>Veterinar</b><br><i>Veterinary</i>  | 90  | 447   | 230                              | 94   | 65                                 | 458  | 63  |
| <b>Penyelidikan &amp; pembangunan saintifik dan ujian teknikal<br/>&amp; analisis</b><br><i>Scientific research &amp; development and technical testing &amp;<br/>analysis</i> | 1,092                                       | 6,930   | 3,649                            | 932  | 1,624                              | 3,111  | 359   |
| <b>Profesional lain</b><br><i>Other professional</i>   | 1,096                                       | 10,405  | 11,289                           | 3,578  | 4,813                              | 11,040   | 2,416   |

**Jadual 1.15: Nilai harta tetap perkhidmatan profesional mengikut aktiviti, 2015**

*Table 1.15: Value of fixed assets of professional services by activities, 2015*

| <b>Aktiviti</b><br><i>Activities</i>   | <b>Nilai buku bersih<br/>seperti pada<br/>01.01.2015</b><br><i>Net book value<br/>as at 01.01.2015</i> | <b>Perbelanjaan<br/>modal</b><br><i>Capital<br/>expenditure</i> | <b>Pelupusan</b><br><i>Disposal</i> | <b>Susut nilai<br/>semasa</b><br><i>Current<br/>depreciation</i> | <b>Nilai buku bersih<br/>seperti pada<br/>31.12.2015</b><br><i>Net book value<br/>as at 31.12.2015</i> | <b>Sewa yang dibayar<br/>dalam tahun<br/>2015</b><br><i>Rent paid during<br/>2015</i> |
|--|--|---|-------------------------------------|--|--|---|
|  | <b>(RM '000)</b>   | <b>(RM '000)</b>  | <b>(RM '000)</b>                    | <b>(RM '000)</b>   | <b>(RM '000)</b>   | <b>(RM '000)</b>  |
| <b>Jumlah/ Total</b>   | <b>12,227,048</b>  | <b>1,323,117</b>  | <b>38,713</b>                       | <b>1,044,605</b>   | <b>12,472,313</b>  | <b>1,526,564</b>  |
| <b>Arkitek</b><br><i>Architectural</i>   | 856,581  | 37,052  | 1,126                               | 67,030   | 826,008  | 145,311   |
| <b>Kejuruteraan</b><br><i>Engineering</i>  | 2,197,477  | 75,804  | 3,619                               | 152,408  | 2,119,201  | 401,650   |
| <b>Juru ukur tanah &amp; bahan</b><br><i>Land &amp; quantity surveying</i>   | 366,019  | 16,563  | 571                                 | 19,019   | 363,889  | 56,305  |
| <b>Perakaunan</b><br><i>Accounting</i>   | 974,326  | 29,693  | 3,355                               | 54,244   | 947,638  | 128,938   |
| <b>Guaman</b><br><i>Legal</i>  | 605,659  | 29,324  | 3,338                               | 78,171   | 554,349  | 199,262   |
| <b>Pengiklanan</b><br><i>Advertising</i>   | 1,318,215  | 42,620  | 4,617                               | 131,250  | 1,225,220  | 115,474   |
| <b>Pakar runding pengurusan dan<br/>penyelidikan pasaran</b><br><i>Management consultancy and market<br/>research</i>  | 1,088,183  | 65,088  | 7,924                               | 168,730  | 977,936  | 230,079   |
| <b>Veterinar</b><br><i>Veterinary</i>  | 63,509   | 1,526   | 46                                  | 4,749  | 60,351   | 8,396   |
| <b>Penyelidikan &amp; pembangunan saintifik<br/>dan ujian teknikal &amp; analisis</b><br><i>Scientific research &amp; development and<br/>technical testing &amp; analysis</i> | 1,503,498  | 751,516   | 8,076                               | 138,174  | 2,106,644  | 68,989  |
| <b>Profesional lain</b><br><i>Other professional</i>   | 3,253,581  | 273,932   | 6,040                               | 230,830  | 3,291,077  | 172,159   |



**Jadual 1.16: Nilai harta tetap perkhidmatan profesional mengikut jenis harta, 2015**

*Table 1.16: Value of fixed assets of professional services by type of assets, 2015*

| <b>Jenis harta</b><br><i>Type of assets</i>  | <b>Nilai buku bersih seperti pada 01.01.2015</b><br><i>Net book value as at 01.01.2015</i> | <b>Perbelanjaan modal</b><br><i>Capital expenditure</i> | <b>Pelupusan</b><br><i>Disposal</i> | <b>Susut nilai semasa</b><br><i>Current depreciation</i> | <b>Nilai buku bersih seperti pada 31.12.2015</b><br><i>Net book value as at 31.12.2015</i> | <b>Sewa yang dibayar dalam tahun 2015</b><br><i>Rent paid during 2015 (RM '000)</i> |
|--|--|---|-------------------------------------|--|--|---|
| <b>Jumlah/ Total</b>   | <b>12,227,048</b>  | <b>1,323,117</b>  | <b>38,713</b>                       | <b>1,044,605</b>   | <b>12,472,313</b>  | <b>1,526,564</b>  |
| <b>Tanah</b><br><i>Land</i>  | 901,516  | 14,413  | -                                   | 11,779   | 904,877  | 24,357  |
| <b>Bangunan dan binaan lain</b><br><i>Buildings and other construction</i>                   | 3,013,382  | 75,128  | 5,951                               | 97,834   | 2,986,105  | 1,482,713   |
| <b>Alat pengangkutan</b><br><i>Transport equipment</i>                                       | 1,588,958  | 82,248  | 14,572                              | 192,982  | 1,467,212  | 2,365   |
| <b>Teknologi maklumat dan komunikasi</b><br><i>Information and communications technology</i> | 1,989,493  | 58,669  | 3,362                               | 188,165  | 1,857,552  | 1,485   |
| <b>Jentera dan kelengkapan</b><br><i>Machinery and equipment</i>                             | 2,386,136  | 133,337   | 4,803                               | 285,106  | 2,228,075  | 11,492  |
| <b>Perabot dan pemasangan</b><br><i>Furniture and fittings</i>                               | 1,916,876  | 32,115  | 1,499                               | 229,330  | 1,718,285  | 1,824   |
| <b>Harta tetap lain</b><br><i>Other fixed assets</i>   | 129,737  | 99,058  | 2,495                               | 3,352  | 222,948  | 80  |
| <b>Harta lain</b><br><i>Other assets</i>   | 300,951  | 828,149   | 6,031                               | 36,057   | 1,087,258  | 2,248   |

**Jadual 1.17: Perangkaan utama pertubuhan milikan wanita perkhidmatan profesional mengikut aktiviti, 2015**

*Table 1.17: Principal statistics of women-owned establishment of professional services by activities, 2015*

| <b>Aktiviti</b><br><i>Activities</i>   | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|--|---|---|--|---|--|---|---|
|  |   | <b>(RM '000)</b>  | <b>(RM '000)</b>   | <b>(RM '000)</b>                            |  | <b>(RM '000)</b>  | <b>(RM '000)</b>  |
| <b>Jumlah/ Total</b>   | <b>4,124</b>  | <b>4,011,002</b>  | <b>1,572,497</b>   | <b>2,438,505</b>                            | <b>32,108</b>  | <b>1,024,030</b>  | <b>1,360,456</b>  |
| <b>Arkitek</b><br><i>Architectural</i>   | 232   | 149,556   | 56,571   | 92,985                                      | 1,519  | 38,375  | 39,203  |
| <b>Kejuruteraan</b><br><i>Engineering</i>  | 280   | 405,113   | 178,668  | 226,445                                     | 2,965  | 125,553   | 127,497   |
| <b>Juru ukur tanah &amp; bahan</b><br><i>Land &amp; quantity surveying</i>   | 55  | 52,308  | 23,486   | 28,822                                      | 469  | 12,257  | 10,528  |
| <b>Perakaunan</b><br><i>Accounting</i>   | 548   | 435,576   | 123,863  | 311,713                                     | 4,642  | 157,064   | 625,503   |
| <b>Guaman</b><br><i>Legal</i>  | 1,165   | 843,792   | 212,566  | 631,226                                     | 8,337  | 209,755   | 82,929  |
| <b>Pengiklanan</b><br><i>Advertising</i>   | 175   | 664,590   | 429,568  | 235,022                                     | 1,847  | 94,789  | 70,237  |
| <b>Pakar runding pengurusan dan penyelidikan pasaran</b><br><i>Management consultancy and market research</i>  | 872   | 525,232   | 191,002  | 334,230                                     | 5,389  | 176,157   | 110,830   |
| <b>Veterinar</b><br><i>Veterinary</i>  | 37  | 22,303  | 11,908   | 10,395                                      | 216  | 4,256   | 5,849   |
| <b>Penyelidikan &amp; pembangunan saintifik dan ujian teknikal &amp; analisis</b><br><i>Scientific research &amp; development and technical testing &amp; analysis</i> | 71  | 316,988   | 76,494   | 240,494                                     | 1,599  | 58,364  | 110,646   |
| <b>Profesional lain</b><br><i>Other professional</i>   | 689   | 595,543   | 268,371  | 327,172                                     | 5,125  | 147,460   | 177,234   |

**Jadual 1.18: Perangkaan utama pertubuhan milikan wanita perkhidmatan profesional mengikut negeri, 2015**

*Table 1.18: Principal statistics of women-owned establishments of professional services by states, 2015*

| Negeri<br><i>States</i>  | Bilangan<br>pertubuhan<br><i>Number of<br/>establishments</i> | Nilai output<br>kasar<br><i>Value of<br/>gross output</i> | Nilai input<br>perantaraan<br><i>Value of<br/>intermediate<br/>input</i> | Nilai<br>ditambah<br><i>Value<br/>added</i> | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br><i>Number of persons<br/>engaged during December<br/>or the last pay period</i> | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i> | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br><i>Value of fixed<br/>assets owned as at<br/>the end of the year</i> |
|--------------------------|---|---|--|---|---|---|--|
|                          |   | (RM '000)   | (RM '000)  | (RM '000)                                   |   | (RM '000)   | (RM '000)  |
| <b>Jumlah/ Total</b>     | <b>4,124</b>  | <b>4,011,002</b>  | <b>1,572,497</b>   | <b>2,438,505</b>                            | <b>32,108</b>   | <b>1,024,030</b>  | <b>1,360,456</b>   |
| <b>Johor</b>             | 307   | 160,222   | 80,445   | 79,777                                      | 1,902   | 40,398  | 593,084  |
| <b>Kedah</b>             | 133   | 48,141  | 13,660   | 34,481                                      | 866   | 17,975  | 14,035   |
| <b>Kelantan</b>          | 74  | 18,646  | 6,765  | 11,880                                      | 361   | 5,041   | 6,270  |
| <b>Melaka</b>            | 124   | 50,245  | 11,397   | 38,849                                      | 709   | 13,237  | 9,041  |
| <b>Negeri Sembilan</b>   | 111   | 51,237  | 16,937   | 34,300                                      | 757   | 21,119  | 18,986   |
| <b>Pahang</b>            | 93  | 39,847  | 11,811   | 28,036                                      | 640   | 11,805  | 9,720  |
| <b>Perak</b>             | 200   | 65,967  | 20,417   | 45,550                                      | 1,033   | 19,648  | 16,173   |
| <b>Perlis</b>            | 10  | 17,268  | 3,938  | 13,329                                      | 46  | 583   | 866  |
| <b>Pulau Pinang</b>      | 315   | 250,870   | 63,772   | 187,098                                     | 2,144   | 54,259  | 68,005   |
| <b>Sabah</b>             | 167   | 81,503  | 23,119   | 58,384                                      | 1,190   | 22,248  | 17,485   |
| <b>Sarawak</b>           | 171   | 73,144  | 21,590   | 51,554                                      | 1,084   | 21,891  | 15,744   |
| <b>Selangor</b>          | 1,433   | 1,327,709   | 544,778  | 782,931                                     | 10,448  | 368,674   | 361,400  |
| <b>Terengganu</b>        | 64  | 48,475  | 22,093   | 26,382                                      | 626   | 14,661  | 12,484   |
| <b>W.P. Kuala Lumpur</b> | 909   | 1,756,071   | 721,804  | 1,034,267                                   | 10,214  | 409,825   | 209,674  |
| <b>W.P. Putrajaya</b>    | } 13  | 21,657  | 9,970  | 11,686                                      | 88  | 2,666   | 7,490  |
| <b>W.P. Labuan</b>       |   |   |  |   |   |   |  |

**Jadual 2.1: Perangkaan utama aktiviti arkitek, 2002 - 2015**  
*Table 2.1: Principal statistics of architectural activities, 2002 - 2015*

| Tahun<br><i>Year</i> | Bilangan<br>pertubuhan<br><i>Number of<br/>establishments</i> | Nilai output<br>kasar<br><i>Value of<br/>gross output</i> | Nilai input<br>perantaraan<br><i>Value of<br/>intermediate<br/>input</i> | Nilai<br>ditambah<br><i>Value<br/>added</i> | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br><i>Number of persons<br/>engaged during December<br/>or the last pay period</i> | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i> | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br><i>Value of fixed<br/>assets owned as at<br/>the end of the year</i> |
|----------------------|---|---|--|---|---|---|--|
|                      |   | (RM '000)   | (RM '000)  | (RM '000)                                   |   | (RM '000)   | (RM '000)  |
| 2015                 | 3,600   | 3,090,058   | 1,153,688  | 1,936,370                                   | 25,829  | 759,011   | 826,008  |
| 2010*                | 1,656   | 1,762,741   | 701,970  | 1,060,771                                   | 13,543  | 387,725   | 728,177  |
| 2007                 | 1,114   | 1,134,899   | 508,851  | 626,048                                     | 11,698  | 309,881   | 243,156  |
| 2005                 | 1,090   | 981,530   | 418,281  | 563,249                                     | 11,006  | 300,898   | 291,257  |
| 2003                 | 914   | 752,717   | 292,388  | 460,329                                     | 9,367   | 262,208   | 187,057  |
| 2002                 | 732   | 693,686   | 258,972  | 434,714                                     | 8,466   | 239,909   | 163,204  |

Nota/Notes :

**Tiada penyiataan dijalankan pada tahun 2004, 2006, 2008, 2009, 2011 - 2014**

*No survey were conducted in 2004, 2006, 2008, 2009, 2011 - 2014*

**Pada tahun 2010 MSIC 71109 termasuk dalam aktiviti profesional, saintifik dan teknikal lain**

*In 2010, MSIC 71109 includes other professional, scientific and technical activities*

**Jadual 2.2: Perangkaan utama aktiviti arkitek mengikut negeri, 2015**

*Table 2.2: Principal statistics of architectural activities by states, 2015*

| <b>Negeri</b><br><i>States</i> | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|--------------------------------|---|---|--|---|--|---|---|
|                                |   | <b>(RM '000)</b>  | <b>(RM '000)</b>   | <b>(RM '000)</b>                            |  | <b>(RM '000)</b>  | <b>(RM '000)</b>  |
| <b>Jumlah/ Total</b>           | <b>3,600</b>  | <b>3,090,058</b>  | <b>1,153,688</b>   | <b>1,936,370</b>                            | <b>25,829</b>  | <b>759,011</b>  | <b>826,008</b>  |
| <b>Johor</b>                   | 246   | 161,915   | 62,132   | 99,783                                      | 1,771  | 51,303  | 37,390  |
| <b>Kedah</b>                   | 48  | 51,874  | 19,952   | 31,922                                      | 324  | 7,090   | 9,518   |
| <b>Kelantan</b>                | 31  | 11,521  | 4,224  | 7,297                                       | 177  | 3,159   | 1,883   |
| <b>Melaka</b>                  | 67  | 49,943  | 13,386   | 36,557                                      | 414  | 8,895   | 9,799   |
| <b>Negeri Sembilan</b>         | 59  | 35,853  | 15,421   | 20,432                                      | 368  | 9,007   | 7,909   |
| <b>Pahang</b>                  | 36  | 13,445  | 4,784  | 8,660                                       | 203  | 3,643   | 2,896   |
| <b>Perak</b>                   | 98  | 32,011  | 12,861   | 19,149                                      | 502  | 9,367   | 10,822  |
| <b>Perlis</b>                  | 7   | 4,970   | 2,024  | 2,946                                       | 47   | 944   | 482   |
| <b>Pulau Pinang</b>            | 255   | 171,827   | 71,131   | 100,696                                     | 1,368  | 33,991  | 40,623  |
| <b>Sabah</b>                   | 120   | 128,160   | 44,689   | 83,471                                      | 909  | 31,337  | 30,530  |
| <b>Sarawak</b>                 | 169   | 248,134   | 83,116   | 165,018                                     | 1,695  | 51,002  | 37,609  |
| <b>Selangor</b>                | 1,136   | 582,747   | 214,704  | 368,044                                     | 6,760  | 178,637   | 198,283   |
| <b>Terengganu</b>              | 33  | 43,255  | 17,105   | 26,150                                      | 336  | 7,547   | 9,814   |
| <b>W.P. Kuala Lumpur</b>       | 1,287   | 1,547,209   | 585,353  | 961,856                                     | 10,893   | 361,290   | 426,425   |
| <b>W.P. Putrajaya</b>          | 4   | 5,143   | 1,853  | 3,290                                       | 28   | 1,103   | 219   |
| <b>W.P. Labuan</b>             | 4   | 2,052   | 953  | 1,098                                       | 34   | 695   | 1,805   |

**Jadual 2.3: Perangkaan utama aktiviti arkitek mengikut taraf sah, 2015**  
*Table 2.3: Principal statistics of architectural activities by legal status, 2015*

| Taraf sah<br><i>Legal status</i>                                   | Bilangan<br>pertubuhan<br><i>Number of<br/>establishments</i> | Nilai output<br>kasar<br><i>Value of<br/>gross output</i> | Nilai input<br>perantaraan<br><i>Value of<br/>intermediate<br/>input</i> | Nilai<br>ditambah<br><i>Value<br/>added</i> | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br><i>Number of persons<br/>engaged during December<br/>or the last pay period</i> | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i> | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br><i>Value of fixed<br/>assets owned as at<br/>the end of the year</i> |
|--|---|---|--|---|---|---|--|
|  |   | (RM '000)   | (RM '000)  | (RM '000)                                   |   | (RM '000)   | (RM '000)  |
| <b>Jumlah/ Total</b>   | <b>3,600</b>  | <b>3,090,058</b>  | <b>1,153,688</b>   | <b>1,936,370</b>                            | <b>25,829</b>   | <b>759,011</b>  | <b>826,008</b>   |
| <b>Hak milik perseorangan</b><br><i>Individual proprietorship</i>  | 1,429   | 734,949   | 263,235  | 471,714                                     | 7,536   | 160,104   | 200,951  |
| <b>Perkongsian</b><br><i>Partnership</i>                           | 163   | 101,436   | 37,992   | 63,444                                      | 1,196   | 24,670  | 28,026   |
| <b>Syarikat sendirian berhad</b><br><i>Private limited company</i> | 2,008   | 2,253,673   | 852,461  | 1,401,212                                   | 17,097  | 574,237   | 597,031  |
| <b>Syarikat awam berhad</b><br><i>Public limited company</i>       |   |   |  |   |   |   |  |

**Jadual 2.4: Perangkaan utama aktiviti arkitek mengikut hak milik, 2015**  
*Table 2.4: Principal statistics of architectural activities by ownerships, 2015*

| <b>Hak milik</b><br><i>Ownerships</i>                           | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|---|---|---|--|---|--|---|---|
|   |   | (RM '000)   | (RM '000)  | (RM '000)                                   |  | (RM '000)   | (RM '000)   |
| <b>Jumlah/ Total</b>  | <b>3,600</b>  | <b>3,090,058</b>  | <b>1,153,688</b>   | <b>1,936,370</b>                            | <b>25,829</b>  | <b>759,011</b>  | <b>826,008</b>  |
| <b>Residen Malaysia</b><br><i>Malaysian residents</i>           | 3,587   | 3,061,876   | 1,143,564  | 1,918,312                                   | 25,607   | 751,673   | 821,712   |
| <b>Bukan residen Malaysia</b><br><i>Non-Malaysian residents</i> | } 13  | 28,182  | 10,124   | 18,058                                      | 222  | 7,338   | 4,296   |
| <b>Hak milik bersama</b><br><i>Joint ownership</i>              |   |   |  |   |  |   |   |



**Jadual 2.5: Bilangan pekerja dan gaji & upah aktiviti arkitek mengikut kategori pekerja, 2015**  
 Table 2.5: Number of persons engaged and salaries & wages of architectural activities by category of workers, 2015

| Kategori pekerja<br><i>Category of workers</i>  | Bilangan pekerja pada bulan Disember<br>atau pada tempoh gaji akhir<br><i>Number of persons engaged during<br/>December or the last pay period</i> |                       |                            | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i><br>(RM '000) |
|---|--|-----------------------|----------------------------|--|
|   | Jumlah<br><i>Total</i>   | Lelaki<br><i>Male</i> | Perempuan<br><i>Female</i> | Jumlah<br><i>Total</i>   |
| <b>Jumlah/Total</b>   | <b>25,829</b>  | <b>17,248</b>         | <b>8,581</b>               | <b>759,011</b>   |
| <b>Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji</b><br><i>Total working proprietors and unpaid family workers</i>   | <b>2,141</b>   | <b>1,944</b>          | <b>197</b>                 | <b>-</b>   |
| <b>Pemilik yang bekerja dan rakan niaga yang aktif</b><br><i>Working proprietors and active business partners</i>   | 1,774  | 1,604                 | 170                        | -  |
| <b>Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap)</b><br><i>Unpaid family workers (all members of family and friends not receiving regular wages)</i> | 367  | 340                   | 27                         | -  |
| <b>Jumlah pekerja (sepenuh masa)</b><br><i>Total employees (full-time)</i>  | <b>23,385</b>  | <b>15,142</b>         | <b>8,243</b>               | <b>757,044</b>   |
| <b>Pengurus</b><br><i>Managers</i>  | 3,872  | 2,940                 | 932                        | 203,072  |
| <b>Profesional</b><br><i>Professionals</i>  | 5,767  | 4,373                 | 1,394                      | 242,805  |
| <b>Profesional</b><br><i>Professionals</i>  | 5,624  | 4,265                 | 1,359                      | 238,754  |
| <b>Penyelidik</b><br><i>Researchers</i>   | 143  | 108                   | 35                         | 4,051  |
| <b>Juruteknik dan profesional bersekutu</b><br><i>Technicians and associate professionals</i>   | 5,527  | 4,332                 | 1,195                      | 158,591  |
| <b>Pekerja sokongan perkeranian</b><br><i>Clerical support workers</i>  | 5,068  | 1,186                 | 3,882                      | 98,781   |
| <b>Pekerja perkhidmatan dan jualan</b><br><i>Service and sales workers</i>  | 464  | 278                   | 186                        | 9,895  |
| <b>Pekerja kemahiran dan pekerja pertukangan yang berkaitan</b><br><i>Craft and related trades workers</i>  | 939  | 860                   | 79                         | 16,126   |
| <b>Operator mesin, loji dan pemasang</b><br><i>Plant and machine operators and assemblers</i>   | 200  | 172                   | 28                         | 3,899  |
| <b>Pekerjaan asas</b><br><i>Elementary occupations</i>  | 1,548  | 1,001                 | 547                        | 23,874   |
| <b>Pekerja bergaji (sambilan)</b><br><i>Paid employees (part-time)</i>  | <b>303</b>   | <b>162</b>            | <b>141</b>                 | <b>1,967</b>   |

**Jadual 3.1: Perangkaan utama aktiviti kejuruteraan, 2002 - 2015**  
*Table 3.1: Principal statistics of engineering activities, 2002 - 2015*

| Tahun<br>Year | Bilangan<br>pertubuhan<br>Number of<br>establishments | Nilai output<br>kasar<br>Value of<br>gross output | Nilai input<br>perantaraan<br>Value of<br>intermediate<br>input | Nilai<br>ditambah<br>Value<br>added | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br>Number of persons<br>engaged during December<br>or the last pay period | Gaji & upah<br>yang dibayar<br>Salaries &<br>wages paid | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br>Value of fixed<br>assets owned as at<br>the end of the year |
|---------------|---|---|---|-------------------------------------|--|---|---|
|               |   | (RM '000)   | (RM '000)   | (RM '000)                           |  | (RM '000)   | (RM '000)   |
| 2015          | 5,288   | 8,272,406   | 3,430,954   | 4,841,452                           | 58,035   | 1,771,948   | 2,119,201   |
| 2010          | 2,719   | 4,971,331   | 2,450,884   | 2,520,447                           | 29,940   | 964,316   | 1,623,790   |
| 2007          | 1,456   | 4,823,078   | 2,710,470   | 2,112,608                           | 27,402   | 1,179,099   | 492,188   |
| 2005          | 1,089   | 3,496,039   | 1,766,286   | 1,729,753                           | 19,984   | 1,024,778   | 515,710   |
| 2003          | 718   | 1,963,305   | 817,713   | 1,145,592                           | 15,903   | 762,668   | 258,247   |
| 2002          | 605   | 1,431,651   | 495,591   | 936,060                             | 15,225   | 591,786   | 238,895   |

Nota/Notes :

**Tiada penyiasatan dijalankan pada tahun 2004, 2006, 2008, 2009, 2011 - 2014**  
*No survey were conducted in 2004, 2006, 2008, 2009, 2011 - 2014*

**Jadual 3.2: Perangkaan utama aktiviti kejuruteraan mengikut negeri, 2015**

*Table 3.2: Principal statistics of engineering activities by states, 2015*

| <b>Negeri</b><br><i>States</i> | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|--------------------------------|---|---|--|---|--|---|---|
|                                |   | <b>(RM '000)</b>  | <b>(RM '000)</b>   | <b>(RM '000)</b>                            |  | <b>(RM '000)</b>  | <b>(RM '000)</b>  |
| <b>Jumlah/ Total</b>           | <b>5,288</b>  | <b>8,272,406</b>  | <b>3,430,954</b>   | <b>4,841,452</b>                            | <b>58,035</b>  | <b>1,771,948</b>  | <b>2,119,201</b>  |
| <b>Johor</b>                   | 497   | 306,380   | 137,450  | 168,930                                     | 4,632  | 136,734   | 119,306   |
| <b>Kedah</b>                   | 72  | 77,677  | 28,052   | 49,625                                      | 525  | 16,881  | 10,661  |
| <b>Kelantan</b>                | 22  | 42,016  | 18,742   | 23,274                                      | 240  | 6,916   | 2,155   |
| <b>Melaka</b>                  | 104   | 44,612  | 13,103   | 31,509                                      | 572  | 9,445   | 21,349  |
| <b>Negeri Sembilan</b>         | 130   | 67,950  | 37,085   | 30,865                                      | 853  | 19,975  | 25,205  |
| <b>Pahang</b>                  | 73  | 32,032  | 14,207   | 17,825                                      | 543  | 12,392  | 21,918  |
| <b>Perak</b>                   | 106   | 69,260  | 23,619   | 45,641                                      | 915  | 18,533  | 25,603  |
| <b>Perlis</b>                  | 3   | 3,424   | 1,358  | 2,066                                       | 26   | 645   | 1,098   |
| <b>Pulau Pinang</b>            | 393   | 254,379   | 82,425   | 171,953                                     | 2,688  | 67,569  | 79,492  |
| <b>Sabah</b>                   | 143   | 306,423   | 115,166  | 191,258                                     | 1,605  | 55,766  | 37,698  |
| <b>Sarawak</b>                 | 208   | 514,356   | 194,012  | 320,344                                     | 3,140  | 149,511   | 50,946  |
| <b>Selangor</b>                | 2,098   | 2,751,225   | 1,108,223  | 1,643,002                                   | 20,811   | 709,584   | 817,213   |
| <b>Terengganu</b>              | 58  | 70,112  | 31,564   | 38,548                                      | 575  | 18,746  | 14,866  |
| <b>W.P. Kuala Lumpur</b>       | 1,367   | 3,729,186   | 1,624,613  | 2,104,573                                   | 20,848   | 547,843   | 888,401   |
| <b>W.P. Putrajaya</b>          | 5   | 2,168   | 844  | 1,324                                       | 35   | 950   | 1,272   |
| <b>W.P. Labuan</b>             | 9   | 1,205   | 490  | 715   | 27   | 457   | 2,017   |

**Jadual 3.3: Perangkaan utama aktiviti kejuruteraan mengikut taraf sah, 2015**

*Table 3.3: Principal statistics of engineering activities by legal status, 2015*

| <b>Taraf sah</b><br><i>Legal status</i>                            | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|--|---|---|--|---|--|---|---|
|  |   | <b>(RM '000)</b>  | <b>(RM '000)</b>   | <b>(RM '000)</b>                            |  | <b>(RM '000)</b>  | <b>(RM '000)</b>  |
| <b>Jumlah/ Total</b>   | <b>5,288</b>  | <b>8,272,406</b>  | <b>3,430,954</b>   | <b>4,841,452</b>                            | <b>58,035</b>  | <b>1,771,948</b>  | <b>2,119,201</b>  |
| <b>Hak milik perseorangan</b><br><i>Individual proprietorship</i>  | 1,169   | 363,451   | 141,434  | 222,017                                     | 5,860  | 101,148   | 142,999   |
| <b>Perkongsian</b><br><i>Partnership</i>                           | 275   | 134,058   | 50,089   | 83,970                                      | 2,046  | 35,128  | 45,413  |
| <b>Syarikat sendirian berhad</b><br><i>Private limited company</i> | 3,844   | 7,774,897   | 3,239,431  | 4,535,466                                   | 50,129   | 1,635,672   | 1,930,788   |
| <b>Syarikat awam berhad</b><br><i>Public limited company</i>       |   |   |  |   |  |   |   |

**Jadual 3.4: Perangkaan utama aktiviti kejuruteraan mengikut hak milik, 2015**

*Table 3.4: Principal statistics of engineering activities by ownerships, 2015*

| <b>Hak milik</b><br><i>Ownerships</i>                           | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|---|---|---|--|---|--|---|---|
|   |   | <b>(RM '000)</b>  | <b>(RM '000)</b>   | <b>(RM '000)</b>                            |  | <b>(RM '000)</b>  | <b>(RM '000)</b>  |
| <b>Jumlah/ Total</b>  | <b>5,288</b>  | <b>8,272,406</b>  | <b>3,430,954</b>   | <b>4,841,452</b>                            | <b>58,035</b>  | <b>1,771,948</b>  | <b>2,119,201</b>  |
| <b>Residen Malaysia</b><br><i>Malaysian residents</i>           | 5,281   | 8,214,778   | 3,410,649  | 4,804,129                                   | 57,204   | 1,755,813   | 2,092,972   |
| <b>Bukan residen Malaysia</b><br><i>Non-Malaysian residents</i> | 7   | 57,628  | 20,305   | 37,324                                      | 831  | 16,135  | 26,228  |

Jadual 3.5: Bilangan pekerja dan gaji & upah aktiviti kejuruteraan mengikut kategori pekerja, 2015  
 Table 3.5: Number of persons engaged and salaries & wages of engineering activities by category of workers, 2015

| Kategori pekerja<br><i>Category of workers</i>  | Bilangan pekerja pada bulan Disember<br>atau pada tempoh gaji akhir<br><i>Number of persons engaged during<br/>December or the last pay period</i> |                       |                            | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i><br>(RM '000) |
|---|--|-----------------------|----------------------------|--|
|   | Jumlah<br><i>Total</i>   | Lelaki<br><i>Male</i> | Perempuan<br><i>Female</i> | Jumlah<br><i>Total</i>   |
| <b>Jumlah/Total</b>   | <b>58,035</b>  | <b>38,208</b>         | <b>19,827</b>              | <b>1,771,948</b>   |
| <b>Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji</b><br><i>Total working proprietors and unpaid family workers</i>   | <b>1,981</b>   | <b>1,824</b>          | <b>157</b>                 | <b>-</b>   |
| <b>Pemilik yang bekerja dan rakan niaga yang aktif</b><br><i>Working proprietors and active business partners</i>   | 1,749  | 1,608                 | 141                        | -  |
| <b>Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap)</b><br><i>Unpaid family workers (all members of family and friends not receiving regular wages)</i> | 232  | 216                   | 16                         | -  |
| <b>Jumlah pekerja (sepenuh masa)</b><br><i>Total employees (full-time)</i>  | <b>55,531</b>  | <b>36,019</b>         | <b>19,512</b>              | <b>1,764,391</b>   |
| <b>Pengurus</b><br><i>Managers</i>  | 8,330  | 5,706                 | 2,624                      | 464,511  |
| <b>Profesional</b><br><i>Professionals</i>  | 12,300   | 9,502                 | 2,798                      | 526,156  |
| <b>Profesional</b><br><i>Professionals</i>  | 11,902   | 9,254                 | 2,648                      | 513,021  |
| <b>Penyelidik</b><br><i>Researchers</i>   | 398  | 248                   | 150                        | 13,135   |
| <b>Juruteknik dan profesional bersekutu</b><br><i>Technicians and associate professionals</i>   | 12,775   | 10,153                | 2,622                      | 383,555  |
| <b>Pekerja sokongan perkeranian</b><br><i>Clerical support workers</i>  | 11,092   | 2,447                 | 8,645                      | 210,749  |
| <b>Pekerja perkhidmatan dan jualan</b><br><i>Service and sales workers</i>  | 2,328  | 1,447                 | 881                        | 41,781   |
| <b>Pekerja kemahiran dan pekerja pertukangan yang berkaitan</b><br><i>Craft and related trades workers</i>  | 3,039  | 2,771                 | 268                        | 54,374   |
| <b>Operator mesin, loji dan pemasang</b><br><i>Plant and machine operators and assemblers</i>   | 1,005  | 912                   | 93                         | 19,659   |
| <b>Pekerjaan asas</b><br><i>Elementary occupations</i>  | 4,662  | 3,081                 | 1,581                      | 63,606   |
| <b>Pekerja bergaji (sambilan)</b><br><i>Paid employees (part-time)</i>  | <b>523</b>   | <b>365</b>            | <b>158</b>                 | <b>7,557</b>   |

**Jadual 4.1: Perangkaan utama aktiviti juru ukur tanah & bahan, 2002 - 2015**  
*Table 4.1: Principal statistics of land & quantity surveying activities, 2002 - 2015*

| Tahun<br><i>Year</i> | Bilangan<br>pertubuhan<br><i>Number of<br/>establishments</i> | Nilai output<br>kasar<br><i>Value of<br/>gross output</i> | Nilai input<br>perantaraan<br><i>Value of<br/>intermediate<br/>input</i> | Nilai<br>ditambah<br><i>Value<br/>added</i> | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br><i>Number of persons<br/>engaged during December<br/>or the last pay period</i> | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i> | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br><i>Value of fixed<br/>assets owned as at<br/>the end of the year</i> |
|----------------------|---|---|--|---|---|---|--|
|                      |   | (RM '000)   | (RM '000)  | (RM '000)                                   |   | (RM '000)   | (RM '000)  |
| 2015                 | 1,086   | 1,021,385   | 418,521  | 602,864                                     | 10,107  | 251,535   | 363,889  |
| 2010                 | 642   | 921,907   | 388,900  | 533,007                                     | 8,379   | 210,094   | 271,874  |
| 2007*                | 846   | 1,070,131   | 441,825  | 628,306                                     | 11,817  | 312,566   | 201,512  |
| 2005*                | 766   | 911,704   | 385,879  | 525,825                                     | 10,947  | 254,544   | 181,423  |
| 2003*                | 690   | 767,419   | 326,192  | 441,227                                     | 11,007  | 241,830   | 131,966  |
| 2002*                | 629   | 710,182   | 304,782  | 405,400                                     | 10,675  | 226,713   | 127,075  |

Nota/Notes :

**Tiada penyiasatan dijalankan pada tahun 2004, 2006, 2008, 2009, 2011 - 2014**

*No survey were conducted in 2004, 2006, 2008, 2009, 2011 - 2014*

**\* Termasuk aktiviti penilai dan pentaksir**

*Including valuers and appraisers activity*

**Jadual 4.2: Perangkaan utama aktiviti juru ukur tanah & bahan mengikut negeri, 2015**

*Table 4.2: Principal statistics of land & quantity surveying activities by states, 2015*

| Negeri<br><i>States</i>  | Bilangan<br>pertubuhan<br><i>Number of<br/>establishments</i> | Nilai output<br>kasar<br><i>Value of<br/>gross output</i> | Nilai input<br>perantaraan<br><i>Value of<br/>intermediate<br/>input</i> | Nilai<br>ditambah<br><i>Value<br/>added</i> | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br><i>Number of persons<br/>engaged during December<br/>or the last pay period</i> | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i> | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br><i>Value of fixed<br/>assets owned as at<br/>the end of the year</i> |         |
|--------------------------|---|---|--|---|---|---|--|---------|
|                          |   | (RM '000)   | (RM '000)  | (RM '000)                                   |   | (RM '000)   | (RM '000)  |         |
| <b>Jumlah/ Total</b>     | <b>1,086</b>  | <b>1,021,385</b>  | <b>418,521</b>   | <b>602,864</b>                              | <b>10,107</b>   | <b>251,535</b>  | <b>363,889</b>   |         |
| <b>Johor</b>             | 99  | 69,038  | 26,856   | 42,183                                      | 935   | 23,864  | 14,970   |         |
| <b>Kedah</b>             | 34  | 24,082  | 7,829  | 16,253                                      | 322   | 7,712   | 5,638  |         |
| <b>Kelantan</b>          | 36  | 36,758  | 14,471   | 22,287                                      | 303   | 6,799   | 4,246  |         |
| <b>Melaka</b>            | 23  | 14,109  | 6,644  | 7,465                                       | 162   | 2,866   | 4,466  |         |
| <b>Negeri Sembilan</b>   | 24  | 11,838  | 5,671  | 6,166                                       | 134   | 2,590   | 3,430  |         |
| <b>Pahang</b>            | 35  | 23,616  | 10,385   | 13,232                                      | 231   | 4,514   | 4,944  |         |
| <b>Perak</b>             | }   | 43  | 37,167   | 14,796                                      | 22,371  | 377   | 10,457   | 4,222   |
| <b>Perlis</b>            |   |   |  |   |   |   |  |         |
| <b>Pulau Pinang</b>      | 56  | 30,296  | 12,375   | 17,921                                      | 399   | 8,955   | 5,443  |         |
| <b>Sabah</b>             | 62  | 62,293  | 30,007   | 32,286                                      | 474   | 9,428   | 14,520   |         |
| <b>Sarawak</b>           | 84  | 146,937   | 55,589   | 91,348                                      | 1,315   | 26,751  | 29,452   |         |
| <b>Selangor</b>          | 303   | 241,643   | 99,272   | 142,371                                     | 2,365   | 53,804  | 114,373  |         |
| <b>Terengganu</b>        | 34  | 18,350  | 5,921  | 12,429                                      | 185   | 3,416   | 3,118  |         |
| <b>W.P. Kuala Lumpur</b> | }   | 253   | 305,257  | 128,706                                     | 176,552   | 2,905   | 90,377   | 155,069 |
| <b>W.P. Putrajaya</b>    |   |   |  |   |   |   |  |         |
| <b>W.P. Labuan</b>       |   |   |  |   |   |   |  |         |



**Jadual 4.3: Perangkaan utama aktiviti juru ukur tanah & bahan mengikut taraf sah, 2015**

*Table 4.3: Principal statistics of land & quantity surveying activities by legal status, 2015*

| Taraf sah<br><i>Legal status</i>                                   | Bilangan<br>pertubuhan<br><i>Number of<br/>establishments</i> | Nilai output<br>kasar<br><i>Value of<br/>gross output</i> | Nilai input<br>perantaraan<br><i>Value of<br/>intermediate<br/>input</i> | Nilai<br>ditambah<br><i>Value<br/>added</i> | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br><i>Number of persons<br/>engaged during December<br/>or the last pay period</i> | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i> | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br><i>Value of fixed<br/>assets owned as at<br/>the end of the year</i> |
|--|---|---|--|---|---|---|--|
|  |   | (RM '000)   | (RM '000)  | (RM '000)                                   |   | (RM '000)   | (RM '000)  |
| <b>Jumlah/ Total</b>   | <b>1,086</b>  | <b>1,021,385</b>  | <b>418,521</b>   | <b>602,864</b>                              | <b>10,107</b>   | <b>251,535</b>  | <b>363,889</b>   |
| <b>Hak milik perseorangan</b><br><i>Individual proprietorship</i>  | 543   | 316,504   | 128,984  | 187,519                                     | 3,368   | 58,192  | 76,557   |
| <b>Perkongsian</b><br><i>Partnership</i>                           | 96  | 92,278  | 36,643   | 55,635                                      | 1,044   | 21,745  | 17,006   |
| <b>Syarikat sendirian berhad</b><br><i>Private limited company</i> | } 447   | 612,604   | 252,894  | 359,710                                     | 5,695   | 171,598   | 270,326  |
| <b>Syarikat awam berhad</b><br><i>Public limited company</i>       |   |   |  |   |   |   |  |

**Jadual 4.4 : Perangkaan utama aktiviti juru ukur tanah & bahan mengikut hak milik, 2015***Table 4.4 : Principal statistics of land & quantity surveying activities by ownerships, 2015*

| <b>Hak milik</b><br><i>Ownerships</i>                 | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|---|---|---|--|---|--|---|---|
|   |   | <b>(RM '000)</b>  | <b>(RM '000)</b>   | <b>(RM '000)</b>                            |  | <b>(RM '000)</b>  | <b>(RM '000)</b>  |
| <b>Jumlah/ Total</b>                                  | <b>1,086</b>  | <b>1,021,385</b>  | <b>418,521</b>   | <b>602,864</b>                              | <b>10,107</b>  | <b>251,535</b>  | <b>363,889</b>  |
| <b>Residen Malaysia</b><br><i>Malaysian residents</i> | 1,086   | 1,021,385   | 418,521  | 602,864                                     | 10,107   | 251,535   | 363,889   |

Jadual 4.5: Bilangan pekerja dan gaji & upah aktiviti juru ukur tanah & bahan mengikut kategori pekerja, 2015  
 Table 4.5: Number of persons engaged and salaries & wages of land & quantity surveying activities by category of workers, 2015

| Kategori pekerja<br><i>Category of workers</i>  | Bilangan pekerja pada bulan Disember<br>atau pada tempoh gaji akhir<br><i>Number of persons engaged during<br/>December or the last pay period</i> |                       |                            | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i><br>(RM '000) |
|---|--|-----------------------|----------------------------|--|
|   | Jumlah<br><i>Total</i>   | Lelaki<br><i>Male</i> | Perempuan<br><i>Female</i> | Jumlah<br><i>Total</i>   |
| <b>Jumlah/Total</b>   | <b>10,107</b>  | <b>7,027</b>          | <b>3,080</b>               | <b>251,535</b>   |
| <b>Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji</b><br><i>Total working proprietors and unpaid family workers</i>   | <b>881</b>   | <b>804</b>            | <b>77</b>                  | <b>-</b>   |
| <b>Pemilik yang bekerja dan rakan niaga yang aktif</b><br><i>Working proprietors and active business partners</i>   | 746  | 685                   | 61                         | -  |
| <b>Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap)</b><br><i>Unpaid family workers (all members of family and friends not receiving regular wages)</i> | 135  | 119                   | 16                         | -  |
| <b>Jumlah pekerja (sepenuh masa)</b><br><i>Total employees (full-time)</i>  | <b>8,946</b>   | <b>6,009</b>          | <b>2,937</b>               | <b>249,812</b>   |
| <b>Pengurus</b><br><i>Managers</i>  | 1,096  | 832                   | 264                        | 54,544   |
| <b>Profesional</b><br><i>Professionals</i>  | 2,084  | 1,649                 | 435                        | 74,960   |
| <b>Profesional</b><br><i>Professionals</i>  | 2,020  | 1,603                 | 417                        | 71,804   |
| <b>Penyelidik</b><br><i>Researchers</i>   | 64   | 46                    | 18                         | 3,156  |
| <b>Juruteknik dan profesional bersekutu</b><br><i>Technicians and associate professionals</i>   | 2,048  | 1,528                 | 520                        | 53,087   |
| <b>Pekerja sokongan perkeranian</b><br><i>Clerical support workers</i>  | 1,707  | 367                   | 1,340                      | 32,800   |
| <b>Pekerja perkhidmatan dan jualan</b><br><i>Service and sales workers</i>  | 261  | 181                   | 80                         | 6,521  |
| <b>Pekerja kemahiran dan pekerja pertukangan yang berkaitan</b><br><i>Craft and related trades workers</i>  | 662  | 612                   | 50                         | 10,375   |
| <b>Operator mesin, loji dan pemasang</b><br><i>Plant and machine operators and assemblers</i>   | 95   | 80                    | 15                         | 2,161  |
| <b>Pekerjaan asas</b><br><i>Elementary occupations</i>  | 993  | 760                   | 233                        | 15,364   |
| <b>Pekerja bergaji (sambilan)</b><br><i>Paid employees (part-time)</i>  | <b>280</b>   | <b>214</b>            | <b>66</b>                  | <b>1,723</b>   |

**Jadual 5.1: Perangkaan utama aktiviti perakaunan, 2002 - 2015***Table 5.1: Principal statistics of accounting activities, 2002 - 2015*

| Tahun<br>Year | Bilangan<br>pertubuhan<br><i>Number of<br/>establishments</i> | Nilai output<br>kasar<br><i>Value of<br/>gross output</i> | Nilai input<br>perantaraan<br><i>Value of<br/>intermediate<br/>input</i> | Nilai<br>ditambah<br><i>Value<br/>added</i> | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br><i>Number of persons<br/>engaged during December<br/>or the last pay period</i> | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i> | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br><i>Value of fixed<br/>assets owned as at<br/>the end of the year</i> |
|---------------|---|---|--|---|---|---|--|
|               |   | (RM '000)   | (RM '000)  | (RM '000)                                   |   | (RM '000)   | (RM '000)  |
| 2015          | 3,870   | 3,504,104   | 1,145,015  | 2,359,089                                   | 35,716  | 1,250,314   | 947,638  |
| 2010*         | 2,971   | 1,989,238   | 621,785  | 1,367,453                                   | 28,053  | 738,227   | 304,924  |
| 2007*         | 2,209   | 1,459,305   | 312,332  | 1,146,973                                   | 23,357  | 604,001   | 182,576  |
| 2005*         | 1,987   | 1,206,795   | 236,583  | 970,212                                     | 23,015  | 555,346   | 154,974  |
| 2003          | 1,383   | 999,999   | 208,007  | 791,992                                     | 19,225  | 465,429   | 115,063  |
| 2002          | 1,001   | 831,908   | 227,518  | 604,390                                     | 16,158  | 357,862   | 96,400   |

Nota/Notes :

**Tiada penyiasatan dijalankan pada tahun 2004, 2006, 2008, 2009, 2011 - 2014***No survey were conducted in 2004, 2006, 2008, 2009, 2011 - 2014***Termasuk aktiviti perundingan percukaian***Including tax consultancy activity*

**Jadual 5.2: Perangkaan utama aktiviti perakaunan mengikut negeri, 2015**

*Table 5.2: Principal statistics of accounting activities by states, 2015*

| Negeri<br><i>States</i>  | Bilangan<br>pertubuhan<br><i>Number of<br/>establishments</i> | Nilai output<br>kasar<br><i>Value of<br/>gross output</i> | Nilai input<br>perantaraan<br><i>Value of<br/>intermediate<br/>input</i> | Nilai<br>ditambah<br><i>Value<br/>added</i> | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br><i>Number of persons<br/>engaged during December<br/>or the last pay period</i> | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i> | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br><i>Value of fixed<br/>assets owned as at<br/>the end of the year</i> |
|--------------------------|---|---|--|---|---|---|--|
|                          |   | (RM '000)   | (RM '000)  | (RM '000)                                   |   | (RM '000)   | (RM '000)  |
| <b>Jumlah/ Total</b>     | <b>3,870</b>  | <b>3,504,104</b>  | <b>1,145,015</b>   | <b>2,359,089</b>                            | <b>35,716</b>   | <b>1,250,314</b>  | <b>947,638</b>   |
| <b>Johor</b>             | 541   | 229,757   | 62,045   | 167,712                                     | 3,709   | 88,319  | 611,218  |
| <b>Kedah</b>             | 107   | 47,189  | 8,511  | 38,678                                      | 872   | 22,631  | 8,659  |
| <b>Kelantan</b>          | 47  | 20,660  | 3,753  | 16,907                                      | 411   | 9,191   | 3,049  |
| <b>Melaka</b>            | 110   | 59,726  | 9,716  | 50,010                                      | 930   | 23,705  | 9,509  |
| <b>Negeri Sembilan</b>   | 88  | 43,240  | 13,146   | 30,095                                      | 697   | 16,204  | 5,337  |
| <b>Pahang</b>            | 73  | 40,389  | 8,001  | 32,388                                      | 655   | 17,502  | 11,812   |
| <b>Perak</b>             | 287   | 114,340   | 30,049   | 84,291                                      | 1,849   | 42,079  | 12,481   |
| <b>Perlis</b>            | 9   | 2,219   | 537  | 1,682                                       | 64  | 1,212   | 112  |
| <b>Pulau Pinang</b>      | 294   | 206,274   | 88,707   | 117,567                                     | 2,003   | 56,112  | 34,625   |
| <b>Sabah</b>             | 171   | 130,547   | 25,377   | 105,170                                     | 1,861   | 54,541  | 11,755   |
| <b>Sarawak</b>           | 230   | 116,510   | 20,280   | 96,230                                      | 1,962   | 49,893  | 11,909   |
| <b>Selangor</b>          | 843   | 642,276   | 198,568  | 443,707                                     | 6,228   | 218,084   | 63,420   |
| <b>Terengganu</b>        | 42  | 17,644  | 4,302  | 13,342                                      | 344   | 7,393   | 4,086  |
| <b>W.P. Kuala Lumpur</b> | 1,019   | 1,827,913   | 671,517  | 1,156,396                                   | 14,078  | 641,964   | 159,263  |
| <b>W.P. Putrajaya</b>    | } 9   | 5,421   | 507  | 4,914                                       | 53  | 1,484   | 403  |
| <b>W.P. Labuan</b>       |   |   |  |   |   |   |  |

**Jadual 5.3: Perangkaan utama aktiviti perakaunan mengikut taraf sah, 2015**

*Table 5.3: Principal statistics of accounting activities by legal status, 2015*

| <b>Taraf sah</b><br><i>Legal status</i>                                       | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|---|---|---|--|---|--|---|---|
|   |   | <b>(RM '000)</b>  | <b>(RM '000)</b>   | <b>(RM '000)</b>                            |  | <b>(RM '000)</b>  | <b>(RM '000)</b>  |
| <b>Jumlah/ Total</b>  | <b>3,870</b>  | <b>3,504,104</b>  | <b>1,145,015</b>   | <b>2,359,089</b>                            | <b>35,716</b>  | <b>1,250,314</b>  | <b>947,638</b>  |
| <b>Hak milik perseorangan</b><br><i>Individual proprietorship</i>             | 1,580   | 812,997   | 263,775  | 549,223                                     | 11,500   | 284,692   | 92,923  |
| <b>Perkongsian</b><br><i>Partnership</i>                                      | 851   | 1,117,410   | 381,282  | 736,129                                     | 11,341   | 405,847   | 645,354   |
| <b>Perkongsian liabiliti terhad</b><br><i>Limited liabilities partnership</i> | 57  | 40,863  | 10,770   | 30,092                                      | 434  | 15,977  | 2,958   |
| <b>Syarikat sendirian berhad</b><br><i>Private limited company</i>            | 1,364   | 1,519,564   | 482,053  | 1,037,511                                   | 12,292   | 539,997   | 205,281   |
| <b>Koperasi</b><br><i>Co-operative</i>  | 18  | 13,270  | 7,136  | 6,134                                       | 149  | 3,800   | 1,121   |

**Jadual 5.4: Perangkaan utama aktiviti perakaunan mengikut hak milik, 2015**

*Table 5.4: Principal statistics of accounting activities by ownerships, 2015*

| <b>Hak milik</b><br><i>Ownerships</i>                           | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|---|---|---|--|---|--|---|---|
|   |   | (RM '000)   | (RM '000)  | (RM '000)                                   |  | (RM '000)   | (RM '000)   |
| <b>Jumlah/ Total</b>  | <b>3,870</b>  | <b>3,504,104</b>  | <b>1,145,015</b>   | <b>2,359,089</b>                            | <b>35,716</b>  | <b>1,250,314</b>  | <b>947,638</b>  |
| <b>Residen Malaysia</b><br><i>Malaysian residents</i>           | 3,866   | 3,396,715   | 1,125,123  | 2,271,591                                   | 35,266   | 1,211,846   | 932,251   |
| <b>Bukan residen Malaysia</b><br><i>Non-Malaysian residents</i> | } 4   | 107,390   | 19,892   | 87,497                                      | 450  | 38,468  | 15,387  |
| <b>Hak milik bersama</b><br><i>Joint ownership</i>              |   |   |  |   |  |   |   |

Jadual 5.5: Bilangan pekerja dan gaji & upah aktiviti perakaunan mengikut kategori pekerja, 2015  
 Table 5.5: Number of persons engaged and salaries & wages of accounting activities by category of workers, 2015

| Kategori pekerja<br><i>Category of workers</i>  | Bilangan pekerja pada bulan Disember<br>atau pada tempoh gaji akhir<br><i>Number of persons engaged during<br/>December or the last pay period</i> |                       |                            | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i><br>(RM '000) |
|---|--|-----------------------|----------------------------|--|
|   | Jumlah<br><i>Total</i>   | Lelaki<br><i>Male</i> | Perempuan<br><i>Female</i> | Jumlah<br><i>Total</i>   |
| <b>Jumlah/Total</b>   | <b>35,716</b>  | <b>15,078</b>         | <b>20,638</b>              | <b>1,250,314</b>   |
| <b>Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji</b><br><i>Total working proprietors and unpaid family workers</i>   | <b>3,448</b>   | <b>2,647</b>          | <b>801</b>                 | <b>-</b>   |
| <b>Pemilik yang bekerja dan rakan niaga yang aktif</b><br><i>Working proprietors and active business partners</i>   | 3,310  | 2,592                 | 718                        | -  |
| <b>Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap)</b><br><i>Unpaid family workers (all members of family and friends not receiving regular wages)</i> | 138  | 55                    | 83                         | -  |
| <b>Jumlah pekerja (sepenuh masa)</b><br><i>Total employees (full-time)</i>  | <b>31,340</b>  | <b>12,174</b>         | <b>19,166</b>              | <b>1,242,802</b>   |
| <b>Pengurus</b><br><i>Managers</i>  | 3,500  | 2,192                 | 1,308                      | 288,446  |
| <b>Profesional</b><br><i>Professionals</i>  | 10,131   | 4,341                 | 5,790                      | 519,970  |
| <b>Profesional</b><br><i>Professionals</i>  | 10,048   | 4,331                 | 5,717                      | 516,273  |
| <b>Penyelidik</b><br><i>Researchers</i>   | 83   | 10                    | 73                         | 3,697  |
| <b>Juruteknik dan profesional bersekutu</b><br><i>Technicians and associate professionals</i>   | 2,674  | 1,230                 | 1,444                      | 89,927   |
| <b>Pekerja sokongan perkeranian</b><br><i>Clerical support workers</i>  | 11,406   | 2,231                 | 9,175                      | 277,453  |
| <b>Pekerja perkhidmatan dan jualan</b><br><i>Service and sales workers</i>  | 680  | 235                   | 445                        | 16,287   |
| <b>Pekerja kemahiran dan pekerja pertukangan yang berkaitan</b><br><i>Craft and related trades workers</i>  | 179  | 105                   | 74                         | 4,389  |
| <b>Operator mesin, loji dan pemasang</b><br><i>Plant and machine operators and assemblers</i>   | 24   | 13                    | 11                         | 512  |
| <b>Pekerjaan asas</b><br><i>Elementary occupations</i>  | 2,746  | 1,827                 | 919                        | 45,817   |
| <b>Pekerja bergaji (sambilan)</b><br><i>Paid employees (part-time)</i>  | <b>928</b>   | <b>257</b>            | <b>671</b>                 | <b>7,512</b>   |



**Jadual 6.1: Perangkaan utama aktiviti guaman, 2002 - 2015**

*Table 6.1: Principal statistics of legal activities, 2002 - 2015*

| Tahun<br>Year | Bilangan<br>pertubuhan<br>Number of<br>establishments | Nilai output<br>kasar<br>Value of<br>gross output | Nilai input<br>perantaraan<br>Value of<br>intermediate<br>input | Nilai<br>ditambah<br>Value<br>added | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br>Number of persons<br>engaged during December<br>or the last pay period | Gaji & upah<br>yang dibayar<br>Salaries &<br>wages paid | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br>Value of fixed<br>assets owned as at<br>the end of the year |
|---------------|---|---|---|-------------------------------------|--|---|---|
|               |   | (RM '000)   | (RM '000)   | (RM '000)                           |  | (RM '000)   | (RM '000)   |
| 2015          | 6,054   | 4,989,842   | 1,275,831   | 3,714,011                           | 47,991   | 1,234,116   | 554,349   |
| 2010          | 4,889   | 3,447,606   | 951,822   | 2,495,784                           | 44,847   | 1,014,724   | 513,782   |
| 2007          | 3,429   | 2,105,121   | 535,269   | 1,569,852                           | 35,545   | 701,086   | 354,312   |
| 2005          | 3,293   | 1,935,330   | 507,982   | 1,427,348                           | 34,970   | 640,630   | 379,125   |
| 2003          | 3,108   | 1,588,545   | 399,641   | 1,188,904                           | 32,288   | 540,740   | 280,020   |
| 2002          | 2,955   | 1,546,952   | 382,894   | 1,164,058                           | 32,054   | 521,376   | 297,422   |

Nota/Notes :

**Tiada penyiasatan dijalankan pada tahun 2004, 2006, 2008, 2009, 2011 - 2014**

*No survey were conducted in 2004, 2006, 2008, 2009, 2011 - 2014*

**Jadual 6.2: Perangkaan utama aktiviti guaman mengikut negeri, 2015**

*Table 6.2: Principal statistics of legal activities by states, 2015*

| <b>Negeri</b><br><i>States</i> | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|--------------------------------|---|---|--|---|--|---|---|
|                                |   | <b>(RM '000)</b>  | <b>(RM '000)</b>   | <b>(RM '000)</b>                            |  | <b>(RM '000)</b>  | <b>(RM '000)</b>  |
| <b>Jumlah/ Total</b>           | <b>6,054</b>  | <b>4,989,842</b>  | <b>1,275,831</b>   | <b>3,714,011</b>                            | <b>47,991</b>  | <b>1,234,116</b>  | <b>554,349</b>  |
| <b>Johor</b>                   | 589   | 398,783   | 113,980  | 284,803                                     | 4,767  | 101,605   | 53,715  |
| <b>Kedah</b>                   | 185   | 87,892  | 20,743   | 67,149                                      | 1,368  | 24,399  | 10,582  |
| <b>Kelantan</b>                | 164   | 50,259  | 13,914   | 36,345                                      | 1,053  | 15,595  | 10,533  |
| <b>Melaka</b>                  | 130   | 95,485  | 19,416   | 76,069                                      | 1,292  | 28,538  | 12,093  |
| <b>Negeri Sembilan</b>         | 225   | 84,678  | 21,279   | 63,399                                      | 1,601  | 28,023  | 11,681  |
| <b>Pahang</b>                  | 138   | 86,471  | 18,232   | 68,239                                      | 1,274  | 25,622  | 13,450  |
| <b>Perak</b>                   | 364   | 187,893   | 44,234   | 143,659                                     | 2,777  | 56,056  | 26,411  |
| <b>Perlis</b>                  | 17  | 5,759   | 1,482  | 4,276                                       | 103  | 1,552   | 1,398   |
| <b>Pulau Pinang</b>            | 551   | 326,043   | 91,111   | 234,932                                     | 3,832  | 81,639  | 43,535  |
| <b>Sabah</b>                   | 287   | 184,448   | 40,105   | 144,344                                     | 2,301  | 51,754  | 25,739  |
| <b>Sarawak</b>                 | 317   | 187,546   | 36,192   | 151,354                                     | 2,574  | 57,189  | 24,504  |
| <b>Selangor</b>                | 1,442   | 879,285   | 224,994  | 654,291                                     | 8,433  | 193,798   | 130,604   |
| <b>Terengganu</b>              | 93  | 36,741  | 9,795  | 26,946                                      | 647  | 10,387  | 3,582   |
| <b>W.P. Kuala Lumpur</b>       | 1,539   | 2,372,438   | 619,049  | 1,753,389                                   | 15,900   | 556,574   | 185,879   |
| <b>W.P. Putrajaya</b>          | 4   | 1,348   | 335  | 1,013                                       | 22   | 478   | 41  |
| <b>W.P. Labuan</b>             | 9   | 4,772   | 969  | 3,803                                       | 47   | 908   | 604   |

**Jadual 6.3: Perangkaan utama aktiviti guaman mengikut taraf sah, 2015**

*Table 6.3: Principal statistics of legal activities by legal status, 2015*

| <b>Taraf sah</b><br><i>Legal status</i>                                       | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|---|---|---|--|---|--|---|---|
|   |   | (RM '000)   | (RM '000)  | (RM '000)                                   |  | (RM '000)   | (RM '000)   |
| <b>Jumlah/ Total</b>  | <b>6,054</b>  | <b>4,989,842</b>  | <b>1,275,831</b>   | <b>3,714,011</b>                            | <b>47,991</b>  | <b>1,234,116</b>  | <b>554,349</b>  |
| <b>Hak milik perseorangan</b><br><i>Individual proprietorship</i>             | 2,420   | 1,269,249   | 334,294  | 934,955                                     | 13,325   | 315,715   | 136,769   |
| <b>Perkongsian</b><br><i>Partnership</i>                                      | 3,482   | 3,517,824   | 891,229  | 2,626,595                                   | 33,254   | 859,171   | 358,746   |
| <b>Perkongsian liabiliti terhad</b><br><i>Limited liabilities partnership</i> | 19  | 24,640  | 6,595  | 18,045                                      | 232  | 9,533   | 38,151  |
| <b>Syarikat sendirian berhad</b><br><i>Private limited company</i>            | 133   | 178,130   | 43,713   | 134,416                                     | 1,180  | 49,697  | 20,683  |

**Jadual 6.4: Perangkaan utama aktiviti guaman mengikut hak milik, 2015***Table 6.4: Principal statistics of legal activities by ownerships, 2015*

| <b>Hak milik</b><br><i>Ownerships</i>                 | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|---|---|---|--|---|--|---|---|
|   |   | <b>(RM '000)</b>  | <b>(RM '000)</b>   | <b>(RM '000)</b>                            |  | <b>(RM '000)</b>  | <b>(RM '000)</b>  |
| <b>Jumlah/ Total</b>                                  | <b>6,054</b>  | <b>4,989,842</b>  | <b>1,275,831</b>   | <b>3,714,011</b>                            | <b>47,991</b>  | <b>1,234,116</b>  | <b>554,349</b>  |
| <b>Residen Malaysia</b><br><i>Malaysian residents</i> | 6,054   | 4,989,842   | 1,275,831  | 3,714,011                                   | 47,991   | 1,234,116   | 554,349   |

**Jadual 6.5: Bilangan pekerja dan gaji & upah aktiviti guaman mengikut kategori pekerja, 2015**  
 Table 6.5: Number of persons engaged and salaries & wages of legal activities by category of workers, 2015

| Kategori pekerja<br><i>Category of workers</i>  | Bilangan pekerja pada bulan Disember<br>atau pada tempoh gaji akhir<br><i>Number of persons engaged during<br/>December or the last pay period</i> |                       |                            | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i><br>(RM '000) |
|---|--|-----------------------|----------------------------|--|
|   | Jumlah<br><i>Total</i>   | Lelaki<br><i>Male</i> | Perempuan<br><i>Female</i> | Jumlah<br><i>Total</i>   |
| <b>Jumlah/Total</b>   | <b>47,991</b>  | <b>20,343</b>         | <b>27,648</b>              | <b>1,234,116</b>   |
| <b>Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji</b><br><i>Total working proprietors and unpaid family workers</i>   | <b>10,572</b>  | <b>7,654</b>          | <b>2,918</b>               | -  |
| <b>Pemilik yang bekerja dan rakan niaga yang aktif</b><br><i>Working proprietors and active business partners</i>   | 10,328   | 7,503                 | 2,825                      | -  |
| <b>Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap)</b><br><i>Unpaid family workers (all members of family and friends not receiving regular wages)</i> | 244  | 151                   | 93                         | -  |
| <b>Jumlah pekerja (sepenuh masa)</b><br><i>Total employees (full-time)</i>  | <b>36,126</b>  | <b>12,094</b>         | <b>24,032</b>              | <b>1,219,095</b>   |
| <b>Pengurus</b><br><i>Managers</i>  | 1,697  | 980                   | 717                        | 126,392  |
| <b>Profesional</b><br><i>Professionals</i>  | 8,075  | 4,010                 | 4,065                      | 492,283  |
| <b>Profesional</b><br><i>Professionals</i>  | 8,041  | 3,998                 | 4,043                      | 490,761  |
| <b>Penyelidik</b><br><i>Researchers</i>   | 34   | 12                    | 22                         | 1,522  |
| <b>Juruteknik dan profesional bersekutu</b><br><i>Technicians and associate professionals</i>   | 955  | 491                   | 464                        | 39,318   |
| <b>Pekerja sokongan perkeranian</b><br><i>Clerical support workers</i>  | 21,513   | 4,126                 | 17,387                     | 494,699  |
| <b>Pekerja perkhidmatan dan jualan</b><br><i>Service and sales workers</i>  | 621  | 366                   | 255                        | 14,416   |
| <b>Pekerja kemahiran dan pekerja pertukangan yang berkaitan</b><br><i>Craft and related trades workers</i>  | 58   | 34                    | 24                         | 1,500  |
| <b>Operator mesin, loji dan pemasang</b><br><i>Plant and machine operators and assemblers</i>   | 72   | 64                    | 8                          | 988  |
| <b>Pekerjaan asas</b><br><i>Elementary occupations</i>  | 3,135  | 2,023                 | 1,112                      | 49,499   |
| <b>Pekerja bergaji (sambilan)</b><br><i>Paid employees (part-time)</i>  | <b>1,293</b>   | <b>595</b>            | <b>698</b>                 | <b>15,021</b>  |

**Jadual 7.1: Perangkaan utama aktiviti pengiklanan, 2003 - 2015***Table 7.1: Principal statistics of advertising activities, 2003 - 2015*

| Tahun<br>Year | Bilangan<br>pertubuhan<br><i>Number of<br/>establishments</i> | Nilai output<br>kasar<br><i>Value of<br/>gross output</i> | Nilai input<br>perantaraan<br><i>Value of<br/>intermediate<br/>input</i> | Nilai<br>ditambah<br><i>Value<br/>added</i> | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br><i>Number of persons<br/>engaged during December<br/>or the last pay period</i> | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i> | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br><i>Value of fixed<br/>assets owned as at<br/>the end of the year</i> |
|---------------|---|---|--|---|---|---|--|
|               |   | (RM '000)   | (RM '000)  | (RM '000)                                   |   | (RM '000)   | (RM '000)  |
| 2015          | 2,082   | 5,237,614   | 3,398,508  | 1,839,105                                   | 30,150  | 1,126,438   | 1,225,220  |
| 2010          | 531   | 2,998,984   | 1,934,111  | 1,064,873                                   | 6,762   | 288,314   | 270,769  |
| 2009          | 420   | 2,458,956   | 1,758,950  | 700,006                                     | 6,414   | 295,781   | 232,905  |
| 2007          | 397   | 2,062,027   | 1,402,879  | 659,148                                     | 6,354   | 289,514   | 154,193  |
| 2005          | 381   | 2,086,306   | 1,596,613  | 489,693                                     | 5,971   | 253,582   | 153,476  |
| 2004          | 216   | 1,746,578   | 1,395,093  | 351,485                                     | 3,819   | 197,580   | 109,159  |
| 2003          | 212   | 2,158,869   | 1,824,799  | 334,070                                     | 3,855   | 187,625   | 113,195  |

Nota/Notes :

**Tiada penyiasatan dijalankan pada tahun 2004, 2006, 2008, 2009, 2011 - 2014***No survey were conducted in 2004, 2006, 2008, 2009, 2011 - 2014*

**Jadual 7.2: Perangkaan utama aktiviti pengiklanan mengikut negeri, 2015**

*Table 7.2: Principal statistics of advertising activities by states, 2015*

| Negeri<br><i>States</i>  | Bilangan<br>pertubuhan<br><i>Number of<br/>establishments</i> | Nilai output<br>kasar<br><i>Value of<br/>gross output</i> | Nilai input<br>perantaraan<br><i>Value of<br/>intermediate<br/>input</i> | Nilai<br>ditambah<br><i>Value<br/>added</i> | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br><i>Number of persons<br/>engaged during December<br/>or the last pay period</i> | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i> | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br><i>Value of fixed<br/>assets owned as at<br/>the end of the year</i> |
|--------------------------|---|---|--|---|---|---|--|
|                          |   | (RM '000)   | (RM '000)  | (RM '000)                                   |   | (RM '000)   | (RM '000)  |
| <b>Jumlah/ Total</b>     | <b>2,082</b>  | <b>5,237,614</b>  | <b>3,398,508</b>   | <b>1,839,105</b>                            | <b>30,150</b>   | <b>1,126,438</b>  | <b>1,225,220</b>   |
| <b>Johor</b>             | 188   | 143,416   | 101,931  | 41,485                                      | 1,035   | 34,743  | 24,397   |
| <b>Kedah</b>             | 17  | 12,968  | 9,167  | 3,801                                       | 81  | 3,579   | 1,773  |
| <b>Kelantan</b>          | 18  | 5,631   | 3,108  | 2,523                                       | 108   | 1,435   | 2,599  |
| <b>Melaka</b>            | 70  | 31,319  | 19,012   | 12,307                                      | 454   | 14,675  | 10,306   |
| <b>Negeri Sembilan</b>   | 65  | 37,412  | 16,690   | 20,723                                      | 419   | 19,996  | 14,701   |
| <b>Pahang</b>            | 21  | 5,073   | 2,678  | 2,395                                       | 125   | 1,833   | 2,696  |
| <b>Perak</b>             | 97  | 27,899  | 14,739   | 13,160                                      | 668   | 16,583  | 7,026  |
| <b>Perlis</b>            | 9   | 1,859   | 863  | 996   | 37  | 497   | 464  |
| <b>Pulau Pinang</b>      | 146   | 95,709  | 55,045   | 40,664                                      | 848   | 21,977  | 15,171   |
| <b>Sabah</b>             | 30  | 38,039  | 27,067   | 10,971                                      | 295   | 8,981   | 31,626   |
| <b>Sarawak</b>           | 24  | 18,704  | 13,315   | 5,389                                       | 165   | 5,332   | 2,032  |
| <b>Selangor</b>          | 910   | 2,356,751   | 1,472,830  | 883,922                                     | 17,726  | 621,739   | 761,233  |
| <b>Terengganu</b>        | 12  | 697   | 430  | 267   | 24  | 133   | 65   |
| <b>W.P. Kuala Lumpur</b> | 471   | 2,462,056   | 1,661,573  | 800,483                                     | 8,161   | 374,935   | 351,125  |
| <b>W.P. Putrajaya</b>    | } 4   | 80  | 59   | 20  | 4   | -   | 6  |
| <b>W.P. Labuan</b>       |   |   |  |   |   |   |  |

**Jadual 7.3: Perangkaan utama aktiviti pengiklanan mengikut taraf sah, 2015**

*Table 7.3: Principal statistics of advertising activities by legal status, 2015*

| Taraf sah<br><i>Legal status</i>  | Bilangan<br>pertubuhan<br><i>Number of<br/>establishments</i> | Nilai output<br>kasar<br><i>Value of<br/>gross output</i> | Nilai input<br>perantaraan<br><i>Value of<br/>intermediate<br/>input</i> | Nilai<br>ditambah<br><i>Value<br/>added</i> | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br><i>Number of persons<br/>engaged during December<br/>or the last pay period</i> | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i> | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br><i>Value of fixed<br/>assets owned as at<br/>the end of the year</i> |
|---|---|---|--|---|---|---|--|
|   |   | (RM '000)   | (RM '000)  | (RM '000)                                   |   | (RM '000)   | (RM '000)  |
| <b>Jumlah/ Total</b>  | <b>2,082</b>  | <b>5,237,614</b>  | <b>3,398,508</b>   | <b>1,839,105</b>                            | <b>30,150</b>   | <b>1,126,438</b>  | <b>1,225,220</b>   |
| <b>Hak milik perseorangan</b><br><i>Individual proprietorship</i>             | 505   | 161,124   | 94,172   | 66,952                                      | 2,413   | 56,928  | 29,568   |
| <b>Perkongsian</b><br><i>Partnership</i>                                      | 91  | 39,973  | 25,024   | 14,949                                      | 592   | 11,763  | 6,658  |
| <b>Perkongsian liabiliti terhad</b><br><i>Limited liabilities partnership</i> | 34  | 33,260  | 19,547   | 13,712                                      | 167   | 7,045   | 1,873  |
| <b>Syarikat sendirian berhad</b><br><i>Private limited company</i>            | 1,447   | 4,910,049   | 3,176,172  | 1,733,877                                   | 21,950  | 963,135   | 926,954  |
| <b>Syarikat awam berhad</b><br><i>Public limited company</i>                  | 5   | 93,208  | 83,591   | 9,616                                       | 5,028   | 87,567  | 260,167  |
| <b>Koperasi</b><br><i>Co-operative</i>  |   |   |  |   |   |   |  |



**Jadual 7.4: Perangkaan utama aktiviti pengiklanan mengikut hak milik, 2015**

*Table 7.4: Principal statistics of advertising activities by ownerships, 2015*

| <b>Hak milik</b><br><i>Ownerships</i>                           | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|---|---|---|--|---|--|---|---|
|   |   | (RM '000)   | (RM '000)  | (RM '000)                                   |  | (RM '000)   | (RM '000)   |
| <b>Jumlah/ Total</b>  | <b>2,082</b>  | <b>5,237,614</b>  | <b>3,398,508</b>   | <b>1,839,105</b>                            | <b>30,150</b>  | <b>1,126,438</b>  | <b>1,225,220</b>  |
| <b>Residen Malaysia</b><br><i>Malaysian residents</i>           | 2,069   | 4,767,504   | 3,098,887  | 1,668,617                                   | 29,695   | 1,091,859   | 1,221,203   |
| <b>Bukan residen Malaysia</b><br><i>Non-Malaysian residents</i> | } 13  | 470,110   | 299,621  | 170,489                                     | 455  | 34,579  | 4,017   |
| <b>Hak milik bersama</b><br><i>Joint ownership</i>              |   |   |  |   |  |   |   |

Jadual 7.5: Bilangan pekerja dan gaji & upah aktiviti pengiklanan mengikut kategori pekerja, 2015  
 Table 7.5: Number of persons engaged and salaries & wages of advertising activities by category of workers, 2015

| Kategori pekerja<br><i>Category of workers</i>  | Bilangan pekerja pada bulan Disember<br>atau pada tempoh gaji akhir<br><i>Number of persons engaged during<br/>December or the last pay period</i> |                       |                            | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i><br>(RM '000) |
|---|--|-----------------------|----------------------------|--|
|   | Jumlah<br><i>Total</i>   | Lelaki<br><i>Male</i> | Perempuan<br><i>Female</i> | Jumlah<br><i>Total</i>   |
| <b>Jumlah/Total</b>   | <b>30,150</b>  | <b>18,259</b>         | <b>11,891</b>              | <b>1,126,438</b>   |
| <b>Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji</b><br><i>Total working proprietors and unpaid family workers</i>   | <b>762</b>   | <b>604</b>            | <b>158</b>                 | <b>-</b>   |
| <b>Pemilik yang bekerja dan rakan niaga yang aktif</b><br><i>Working proprietors and active business partners</i>   | 690  | 566                   | 124                        | -  |
| <b>Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap)</b><br><i>Unpaid family workers (all members of family and friends not receiving regular wages)</i> | 72   | 38                    | 34                         | -  |
| <b>Jumlah pekerja (sepenuh masa)</b><br><i>Total employees (full-time)</i>  | <b>28,639</b>  | <b>17,254</b>         | <b>11,385</b>              | <b>1,115,555</b>   |
| <b>Pengurus</b><br><i>Managers</i>  | 3,077  | 2,304                 | 773                        | 300,731  |
| <b>Profesional</b><br><i>Professionals</i>  | 3,292  | 1,853                 | 1,439                      | 237,681  |
| <b>Profesional</b><br><i>Professionals</i>  | 3,220  | 1,808                 | 1,412                      | 233,507  |
| <b>Penyelidik</b><br><i>Researchers</i>   | 72   | 45                    | 27                         | 4,174  |
| <b>Juruteknik dan profesional bersekutu</b><br><i>Technicians and associate professionals</i>   | 2,481  | 1,900                 | 581                        | 115,787  |
| <b>Pekerja sokongan perkeranian</b><br><i>Clerical support workers</i>  | 4,389  | 986                   | 3,403                      | 132,498  |
| <b>Pekerja perkhidmatan dan jualan</b><br><i>Service and sales workers</i>  | 3,113  | 1,795                 | 1,318                      | 94,733   |
| <b>Pekerja kemahiran dan pekerja pertukangan yang berkaitan</b><br><i>Craft and related trades workers</i>  | 2,224  | 1,848                 | 376                        | 72,174   |
| <b>Operator mesin, loji dan pemasang</b><br><i>Plant and machine operators and assemblers</i>   | 657  | 589                   | 68                         | 15,908   |
| <b>Pekerjaan asas</b><br><i>Elementary occupations</i>  | 9,406  | 5,979                 | 3,427                      | 146,043  |
| <b>Pekerja bergaji (sambilan)</b><br><i>Paid employees (part-time)</i>  | <b>749</b>   | <b>401</b>            | <b>348</b>                 | <b>10,884</b>  |

**Jadual 8.1: Perangkaan utama aktiviti pakar runding pengurusan dan penyelidikan pasaran, 2010 dan 2015**  
*Table 8.1: Principal statistics of management consultancy and market research activities, 2010 and 2015*

| Tahun<br>Year | Bilangan<br>pertubuhan<br>Number of<br>establishments | Nilai output<br>kasar<br>Value of<br>gross output | Nilai input<br>perantaraan<br>Value of<br>intermediate<br>input | Nilai<br>ditambah<br>Value<br>added | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br>Number of persons<br>engaged during December<br>or the last pay period | Gaji & upah<br>yang dibayar<br>Salaries &<br>wages paid | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br>Value of fixed<br>assets owned as at<br>the end of the year |
|---------------|---|---|---|-------------------------------------|--|---|---|
|               |   | (RM '000)   | (RM '000)   | (RM '000)                           |  | (RM '000)   | (RM '000)   |
| 2015          | 6,154   | 4,368,253   | 1,579,155   | 2,789,098                           | 42,683   | 1,493,843   | 977,936   |
| 2010          | 2,609   | 1,549,416   | 610,801   | 938,615                             | 14,165   | 426,863   | 433,939   |

Nota/Notes :

**Tiada penyiasatan dijalankan pada tahun 2011 - 2014**  
*No survey were conducted in 2011 - 2014*

**Jadual 8.2: Perangkaan utama aktiviti pakar runding pengurusan dan penyelidikan pasaran mengikut negeri, 2015**  
*Table 8.2: Principal statistics of management consultancy and market research activities by states, 2015*

| <b>Negeri</b><br><i>States</i> | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|--------------------------------|---|---|--|---|--|---|---|
|                                |   | <b>(RM '000)</b>  | <b>(RM '000)</b>   | <b>(RM '000)</b>                            |  | <b>(RM '000)</b>  | <b>(RM '000)</b>  |
| <b>Jumlah/ Total</b>           | <b>6,154</b>  | <b>4,368,253</b>  | <b>1,579,155</b>   | <b>2,789,098</b>                            | <b>42,683</b>  | <b>1,493,843</b>  | <b>977,936</b>  |
| <b>Johor</b>                   | 482   | 197,708   | 87,961   | 109,747                                     | 2,293  | 56,332  | 42,939  |
| <b>Kedah</b>                   | 89  | 25,629  | 6,088  | 19,541                                      | 350  | 8,750   | 4,375   |
| <b>Kelantan</b>                | 23  | 6,371   | 2,194  | 4,177                                       | 117  | 2,525   | 1,683   |
| <b>Melaka</b>                  | 164   | 56,158  | 10,241   | 45,917                                      | 904  | 21,399  | 13,206  |
| <b>Negeri Sembilan</b>         | 111   | 28,416  | 10,296   | 18,120                                      | 453  | 8,908   | 6,662   |
| <b>Pahang</b>                  | 49  | 20,146  | 8,207  | 11,939                                      | 251  | 5,924   | 3,771   |
| <b>Perak</b>                   | 145   | 45,306  | 13,013   | 32,293                                      | 676  | 18,200  | 9,417   |
| <b>Perlis</b>                  | 6   | 1,189   | 577  | 613   | 28   | 396   | 416   |
| <b>Pulau Pinang</b>            | 647   | 313,361   | 96,231   | 217,130                                     | 3,691  | 92,878  | 54,833  |
| <b>Sabah</b>                   | 71  | 43,731  | 19,213   | 24,519                                      | 416  | 14,151  | 6,633   |
| <b>Sarawak</b>                 | 85  | 60,653  | 25,496   | 35,156                                      | 837  | 22,574  | 11,475  |
| <b>Selangor</b>                | 2,568   | 1,897,237   | 684,733  | 1,212,504                                   | 18,440   | 666,940   | 463,135   |
| <b>Terengganu</b>              | 36  | 13,616  | 6,473  | 7,144                                       | 172  | 4,212   | 1,578   |
| <b>W.P. Kuala Lumpur</b>       | 1,665   | 1,654,766   | 607,176  | 1,047,589                                   | 13,964   | 568,023   | 357,300   |
| <b>W.P. Putrajaya</b>          | 6   | 2,005   | 546  | 1,459                                       | 65   | 1,922   | 236   |
| <b>W.P. Labuan</b>             | 7   | 1,959   | 709  | 1,250                                       | 26   | 710   | 278   |

**Jadual 8.3: Perangkaan utama aktiviti pakar runding pengurusan dan penyelidikan pasaran mengikut taraf sah, 2015**

*Table 8.3: Principal statistics of management consultancy and market research activities by legal status, 2015*

| Taraf sah<br><i>Legal status</i>  | Bilangan<br>pertubuhan<br><i>Number of<br/>establishments</i> | Nilai output<br>kasar<br><i>Value of<br/>gross output</i> | Nilai input<br>perantaraan<br><i>Value of<br/>intermediate<br/>input</i> | Nilai<br>ditambah<br><i>Value<br/>added</i> | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br><i>Number of persons<br/>engaged during December<br/>or the last pay period</i> | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i> | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br><i>Value of fixed<br/>assets owned as at<br/>the end of the year</i> |
|---|---|---|--|---|---|---|--|
|   |   | (RM '000)   | (RM '000)  | (RM '000)                                   |   | (RM '000)   | (RM '000)  |
| <b>Jumlah/ Total</b>  | <b>6,154</b>  | <b>4,368,253</b>  | <b>1,579,155</b>   | <b>2,789,098</b>                            | <b>42,683</b>   | <b>1,493,843</b>  | <b>977,936</b>   |
| <b>Hak milik perseorangan</b><br><i>Individual proprietorship</i>             | 1,174   | 338,802   | 113,529  | 225,273                                     | 4,950   | 102,716   | 50,025   |
| <b>Perkongsian</b><br><i>Partnership</i>                                      | 208   | 73,423  | 24,779   | 48,644                                      | 1,179   | 20,177  | 9,646  |
| <b>Perkongsian liabiliti terhad</b><br><i>Limited liabilities partnership</i> | 42  | 18,642  | 7,051  | 11,591                                      | 181   | 5,899   | 3,795  |
| <b>Syarikat sendirian berhad</b><br><i>Private limited company</i>            | 4,719   | 3,920,298   | 1,427,838  | 2,492,460                                   | 36,194  | 1,357,324   | 907,363  |
| <b>Syarikat awam berhad</b><br><i>Public limited company</i>                  | } 11  | 17,088  | 5,958  | 11,130                                      | 179   | 7,728   | 7,107  |
| <b>Koperasi</b><br><i>Co-operative</i>  |   |   |  |   |   |   |  |

**Jadual 8.4: Perangkaan utama aktiviti pakar runding pengurusan dan penyelidikan pasaran mengikut hak milik, 2015**  
*Table 8.4 : Principal statistics of management consultancy and market research activities by ownerships, 2015*

| <b>Hak milik</b><br><i>Ownerships</i>                           | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|---|---|---|--|---|--|---|---|
|   |   | (RM '000)   | (RM '000)  | (RM '000)                                   |  | (RM '000)   | (RM '000)   |
| <b>Jumlah/ Total</b>  | <b>6,154</b>  | <b>4,368,253</b>  | <b>1,579,155</b>   | <b>2,789,098</b>                            | <b>42,683</b>  | <b>1,493,843</b>  | <b>977,936</b>  |
| <b>Residen Malaysia</b><br><i>Malaysian residents</i>           | 6,067   | 4,227,656   | 1,536,355  | 2,691,300                                   | 41,577   | 1,437,735   | 947,998   |
| <b>Bukan residen Malaysia</b><br><i>Non-Malaysian residents</i> | 63  | 110,481   | 32,519   | 77,961                                      | 841  | 44,062  | 21,215  |
| <b>Hak milik bersama</b><br><i>Joint ownership</i>              | 24  | 30,116  | 10,281   | 19,836                                      | 265  | 12,047  | 8,723   |

Jadual 8.5: Bilangan pekerja dan gaji & upah aktiviti pakar runding pengurusan dan penyelidikan pasaran mengikut kategori pekerja, 2015  
 Table 8.5: Number of persons engaged and salaries & wages of management consultancy and market research activities by category of workers, 2015

| Kategori pekerja<br><i>Category of workers</i>  | Bilangan pekerja pada bulan Disember<br>atau pada tempoh gaji akhir<br><i>Number of persons engaged during<br/>December or the last pay period</i> |                       |                            | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i><br>(RM '000) |
|---|--|-----------------------|----------------------------|--|
|   | Jumlah<br><i>Total</i>   | Lelaki<br><i>Male</i> | Perempuan<br><i>Female</i> | Jumlah<br><i>Total</i>   |
| <b>Jumlah/Total</b>   | <b>42,683</b>  | <b>22,293</b>         | <b>20,390</b>              | <b>1,493,843</b>   |
| <b>Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji</b><br><i>Total working proprietors and unpaid family workers</i>   | <b>1,678</b>   | <b>1,223</b>          | <b>455</b>                 | <b>-</b>   |
| <b>Pemilik yang bekerja dan rakan niaga yang aktif</b><br><i>Working proprietors and active business partners</i>   | 1,579  | 1,173                 | 406                        | -  |
| <b>Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap)</b><br><i>Unpaid family workers (all members of family and friends not receiving regular wages)</i> | 99   | 50                    | 49                         | -  |
| <b>Jumlah pekerja (sepenuh masa)</b><br><i>Total employees (full-time)</i>  | <b>40,426</b>  | <b>20,776</b>         | <b>19,650</b>              | <b>1,486,842</b>   |
| <b>Pengurus</b><br><i>Managers</i>  | 7,460  | 5,416                 | 2,044                      | 476,655  |
| <b>Profesional</b><br><i>Professionals</i>  | 7,601  | 4,406                 | 3,195                      | 396,493  |
| <b>Profesional</b><br><i>Professionals</i>  | 7,253  | 4,210                 | 3,043                      | 380,068  |
| <b>Penyelidik</b><br><i>Researchers</i>   | 348  | 196                   | 152                        | 16,426   |
| <b>Juruteknik dan profesional bersekutu</b><br><i>Technicians and associate professionals</i>   | 2,306  | 1,559                 | 747                        | 84,826   |
| <b>Pekerja sokongan perkeranian</b><br><i>Clerical support workers</i>  | 11,333   | 2,280                 | 9,053                      | 281,656  |
| <b>Pekerja perkhidmatan dan jualan</b><br><i>Service and sales workers</i>  | 3,285  | 1,695                 | 1,590                      | 95,117   |
| <b>Pekerja kemahiran dan pekerja pertukangan yang berkaitan</b><br><i>Craft and related trades workers</i>  | 1,097  | 774                   | 323                        | 25,975   |
| <b>Operator mesin, loji dan pemasang</b><br><i>Plant and machine operators and assemblers</i>   | 299  | 252                   | 47                         | 6,988  |
| <b>Pekerjaan asas</b><br><i>Elementary occupations</i>  | 7,045  | 4,394                 | 2,651                      | 119,132  |
| <b>Pekerja bergaji (sambilan)</b><br><i>Paid employees (part-time)</i>  | <b>579</b>   | <b>294</b>            | <b>285</b>                 | <b>7,001</b>   |

**Jadual 9.1: Perangkaan utama aktiviti veterinar, 2002 - 2015**  
*Table 9.1: Principal statistics of veterinary activities, 2002 - 2015*

| Tahun<br>Year | Bilangan<br>pertubuhan<br>Number of<br>establishments | Nilai output<br>kasar<br>Value of<br>gross output | Nilai input<br>perantaraan<br>Value of<br>intermediate<br>input | Nilai<br>ditambah<br>Value<br>added | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br>Number of persons<br>engaged during December<br>or the last pay period | Gaji & upah<br>yang dibayar<br>Salaries &<br>wages paid | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br>Value of fixed<br>assets owned as at<br>the end of the year |
|---------------|---|---|---|-------------------------------------|--|---|---|
|               |   | (RM '000)   | (RM '000)   | (RM '000)                           |  | (RM '000)   | (RM '000)   |
| 2015          | 224   | 168,647   | 90,393  | 78,254                              | 1,447  | 38,648  | 60,351  |
| 2010          | 178   | 76,337  | 45,208  | 31,129                              | 977  | 15,710  | 24,951  |
| 2007          | 175   | 66,101  | 38,142  | 27,959                              | 858  | 12,178  | 17,526  |
| 2005          | 111   | 37,075  | 20,628  | 16,447                              | 468  | 6,319   | 12,093  |
| 2003          | 110   | 25,656  | 14,736  | 10,920                              | 390  | 4,040   | 11,110  |
| 2002          | 98  | 19,807  | 11,851  | 7,956                               | 314  | 2,905   | 8,134   |

Nota/Notes :

**Tiada penyiasatan dijalankan pada tahun 2004, 2006, 2008, 2009, 2011 - 2014**

*No survey were conducted in 2004, 2006, 2008, 2009, 2011 - 2014*



**Jadual 9.2: Perangkaan utama aktiviti veterinar mengikut negeri, 2015**

*Table 9.2: Principal statistics of veterinary activities by states, 2015*

| <b>Negeri</b><br><i>States</i> | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|--------------------------------|---|---|--|---|--|---|---|
|                                |   | <b>(RM '000)</b>  | <b>(RM '000)</b>   | <b>(RM '000)</b>                            |  | <b>(RM '000)</b>  | <b>(RM '000)</b>  |
| <b>Jumlah/ Total</b>           | <b>224</b>  | <b>168,647</b>  | <b>90,393</b>  | <b>78,254</b>                               | <b>1,447</b>   | <b>38,648</b>   | <b>60,351</b>   |
| <b>Johor</b>                   | 23  | 15,365  | 6,652  | 8,714                                       | 163  | 3,619   | 3,128   |
| <b>Kedah</b>                   | 7   | 1,738   | 820  | 919   | 27   | 452   | 372   |
| <b>Kelantan</b>                | } 4   | 1,701   | 1,331  | 370   | 19   | 169   | 79  |
| <b>Terengganu</b>              |   |   |  |   |  |   |   |
| <b>Melaka</b>                  | 4   | 1,995   | 1,050  | 945   | 21   | 580   | 1,338   |
| <b>Negeri Sembilan</b>         | 8   | 3,933   | 2,234  | 1,699                                       | 42   | 1,438   | 878   |
| <b>Pahang</b>                  | 5   | 6,101   | 3,864  | 2,237                                       | 37   | 958   | 1,835   |
| <b>Perak</b>                   | } 19  | 8,627   | 4,464  | 4,163                                       | 100  | 1,893   | 3,284   |
| <b>Perlis</b>                  |   |   |  |   |  |   |   |
| <b>Pulau Pinang</b>            | 16  | 7,537   | 4,125  | 3,412                                       | 71   | 1,248   | 1,437   |
| <b>Sabah</b>                   | 11  | 5,801   | 3,323  | 2,478                                       | 70   | 1,333   | 1,371   |
| <b>Sarawak</b>                 | 19  | 13,663  | 7,463  | 6,199                                       | 110  | 2,248   | 2,868   |
| <b>Selangor</b>                | 76  | 75,609  | 39,919   | 35,690                                      | 512  | 17,088  | 25,155  |
| <b>W.P. Kuala Lumpur</b>       | } 32  | 26,577  | 15,148   | 11,428                                      | 275  | 7,621   | 18,605  |
| <b>W.P. Putrajaya</b>          |   |   |  |   |  |   |   |
| <b>W.P. Labuan</b>             |   |   |  |   |  |   |   |

**Jadual 9.3: Perangkaan utama aktiviti veterinar mengikut taraf sah, 2015**

*Table 9.3: Principal statistics of veterinary activities by legal status, 2015*

| Taraf sah<br><i>Legal status</i>  | Bilangan<br>pertubuhan<br><i>Number of<br/>establishments</i> | Nilai output<br>kasar<br><i>Value of<br/>gross output</i> | Nilai input<br>perantaraan<br><i>Value of<br/>intermediate<br/>input</i> | Nilai<br>ditambah<br><i>Value<br/>added</i> | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br><i>Number of persons<br/>engaged during December<br/>or the last pay period</i> | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i> | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br><i>Value of fixed<br/>assets owned as at<br/>the end of the year</i> |
|---|---|---|--|---|---|---|--|
|   |   | (RM '000)   | (RM '000)  | (RM '000)                                   |   | (RM '000)   | (RM '000)  |
| <b>Jumlah/ Total</b>  | <b>224</b>  | <b>168,647</b>  | <b>90,393</b>  | <b>78,254</b>                               | <b>1,447</b>  | <b>38,648</b>   | <b>60,351</b>  |
| <b>Hak milik perseorangan</b><br><i>Individual proprietorship</i>   | 125   | 61,298  | 32,472   | 28,825                                      | 601   | 12,295  | 11,419   |
| <b>Perkongsian</b><br><i>Partnership</i>  | 21  | 13,751  | 7,203  | 6,548                                       | 140   | 2,637   | 6,645  |
| <b>Syarikat sendirian berhad</b><br><i>Private limited company</i>  | 78  | 93,598  | 50,718   | 42,881                                      | 706   | 23,717  | 42,286   |
| <b>Pertubuhan persendirian<br/>yang tidak mencari<br/>keuntungan</b><br><i>Private non-profit making<br/>organisation</i> |   |   |  |   |   |   |  |

**Jadual 9.4: Perangkaan utama aktiviti veterinar mengikut hak milik, 2015**  
*Table 9.4: Principal statistics of veterinary activities by ownerships, 2015*

| <b>Hak milik</b><br><i>Ownerships</i>                 | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|---|---|---|--|---|--|---|---|
|   |   | (RM '000)   | (RM '000)  | (RM '000)                                   |  | (RM '000)   | (RM '000)   |
| <b>Jumlah/ Total</b>                                  | <b>224</b>  | <b>168,647</b>  | <b>90,393</b>  | <b>78,254</b>                               | <b>1,447</b>   | <b>38,648</b>   | <b>60,351</b>   |
| <b>Residen Malaysia</b><br><i>Malaysian residents</i> | 224   | 168,647   | 90,393   | 78,254                                      | 1,447  | 38,648  | 60,351  |

Jadual 9.5: Bilangan pekerja dan gaji & upah aktiviti veterinar mengikut kategori pekerja, 2015  
 Table 9.5: Number of persons engaged and salaries & wages of veterinary activities by category of workers, 2015

| Kategori pekerja<br><i>Category of workers</i>  | Bilangan pekerja pada bulan Disember<br>atau pada tempoh gaji akhir<br><i>Number of persons engaged during<br/>December or the last pay period</i> |                       |                            | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i><br>(RM '000) |
|---|--|-----------------------|----------------------------|--|
|   | Jumlah<br><i>Total</i>   | Lelaki<br><i>Male</i> | Perempuan<br><i>Female</i> | Jumlah<br><i>Total</i>   |
| <b>Jumlah/Total</b>   | <b>1,447</b>   | <b>664</b>            | <b>783</b>                 | <b>38,648</b>  |
| <b>Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji</b><br><i>Total working proprietors and unpaid family workers</i>   | <b>173</b>   | <b>119</b>            | <b>54</b>                  | <b>-</b>   |
| <b>Pemilik yang bekerja dan rakan niaga yang aktif</b><br><i>Working proprietors and active business partners</i>   | 166  | 118                   | 48                         | -  |
| <b>Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap)</b><br><i>Unpaid family workers (all members of family and friends not receiving regular wages)</i> | 7  | 1                     | 6                          | -  |
| <b>Jumlah pekerja (sepenuh masa)</b><br><i>Total employees (full-time)</i>  | <b>1,231</b>   | <b>524</b>            | <b>707</b>                 | <b>38,261</b>  |
| <b>Pengurus</b><br><i>Managers</i>  | 134  | 89                    | 45                         | 8,033  |
| <b>Profesional</b><br><i>Professionals</i>  | 246  | 140                   | 106                        | 13,989   |
| <b>Profesional</b><br><i>Professionals</i>  | 241  | 139                   | 102                        | 13,822   |
| <b>Penyelidik</b><br><i>Researchers</i>   | 5  | 1                     | 4                          | 167  |
| <b>Juruteknik dan profesional bersekutu</b><br><i>Technicians and associate professionals</i>   | 60   | 30                    | 30                         | 1,735  |
| <b>Pekerja sokongan perkeranian</b><br><i>Clerical support workers</i>  | 256  | 38                    | 218                        | 5,824  |
| <b>Pekerja perkhidmatan dan jualan</b><br><i>Service and sales workers</i>  | 237  | 75                    | 162                        | 4,540  |
| <b>Pekerja kemahiran dan pekerja pertukangan yang berkaitan</b><br><i>Craft and related trades workers</i>  | 24   | 11                    | 13                         | 459  |
| <b>Operator mesin, loji dan pemasang</b><br><i>Plant and machine operators and assemblers</i>   | 0  | 0                     | 0                          | 0  |
| <b>Pekerjaan asas</b><br><i>Elementary occupations</i>  | 274  | 141                   | 133                        | 3,681  |
| <b>Pekerja bergaji (sambilan)</b><br><i>Paid employees (part-time)</i>  | <b>43</b>  | <b>21</b>             | <b>22</b>                  | <b>387</b>   |

**Jadual 10.1: Perangkaan utama aktiviti penyelidikan & pembangunan saintifik dan ujian teknikal & analisis, 2010 dan 2015**

*Table 10.1: Principal statistics of scientific research & development and technical testing & analysis activities, 2010 and 2015*

| Tahun<br>Year | Bilangan<br>pertubuhan<br>Number of<br>establishments | Nilai output<br>kasar<br>Value of<br>gross output | Nilai input<br>perantaraan<br>Value of<br>intermediate<br>input | Nilai<br>ditambah<br>Value<br>added | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br>Number of persons<br>engaged during December<br>or the last pay period | Gaji & upah<br>yang dibayar<br>Salaries &<br>wages paid | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br>Value of fixed<br>assets owned as at<br>the end of the year |
|---------------|---|---|---|-------------------------------------|--|---|---|
|               |   | (RM '000)   | (RM '000)   | (RM '000)                           |  | (RM '000)   | (RM '000)   |
| 2015          | 965   | 3,773,940   | 1,132,486   | 2,641,453                           | 17,697   | 798,114   | 2,106,644   |
| 2010          | 202   | 1,017,712   | 470,319   | 547,393                             | 3,935  | 120,658   | 562,311   |

Nota/Notes :

**Tiada penyiasatan dijalankan pada tahun 2011 - 2014**

*No survey were conducted in 2011 - 2014*

Pada tahun 2010 aktiviti penyelidikan dan pembangunan saintifik; ujian teknikal & analisis termasuk dalam perkhidmatan profesional, saintifik dan teknikal lain  
*In 2010, scientific research & development; technical testing & analysis activity includes other professional, scientific and technical services*

**Jadual 10.2: Perangkaan utama aktiviti penyelidikan & pembangunan saintifik dan ujian teknikal & analisis mengikut negeri, 2015**

*Table 10.2: Principal statistics of scientific research & development and technical testing & analysis activities by states, 2015*

| <b>Negeri</b><br><i>States</i> | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|--------------------------------|---|---|--|---|--|---|---|
|                                |   | <b>(RM '000)</b>  | <b>(RM '000)</b>   | <b>(RM '000)</b>                            |  | <b>(RM '000)</b>  | <b>(RM '000)</b>  |
| <b>Jumlah/ Total</b>           | <b>965</b>  | <b>3,773,940</b>  | <b>1,132,486</b>   | <b>2,641,453</b>                            | <b>17,697</b>  | <b>798,114</b>  | <b>2,106,644</b>  |
| <b>Johor</b>                   | 43  | 57,398  | 18,764   | 38,634                                      | 433  | 12,332  | 19,792  |
| <b>Kedah</b>                   | 11  | 54,943  | 12,276   | 42,667                                      | 247  | 6,865   | 158,020   |
| <b>Kelantan</b>                | } 17  | 72,649  | 41,584   | 31,065                                      | 637  | 20,721  | 17,650  |
| <b>Terengganu</b>              |   |   |  |   |  |   |   |
| <b>Melaka</b>                  | 15  | 14,524  | 2,665  | 11,858                                      | 95   | 3,579   | 2,539   |
| <b>Negeri Sembilan</b>         | 7   | 23,408  | 4,986  | 18,421                                      | 183  | 4,871   | 35,827  |
| <b>Pahang</b>                  | 7   | 16,044  | 5,255  | 10,789                                      | 139  | 5,772   | 1,270   |
| <b>Perak</b>                   | } 19  | 35,074  | 9,597  | 25,477                                      | 163  | 5,373   | 14,000  |
| <b>Perlis</b>                  |   |   |  |   |  |   |   |
| <b>Pulau Pinang</b>            | 103   | 414,722   | 147,593  | 267,129                                     | 1,450  | 52,072  | 163,398   |
| <b>Sabah</b>                   | 21  | 55,283  | 11,453   | 43,830                                      | 514  | 15,708  | 58,949  |
| <b>Sarawak</b>                 | 28  | 37,576  | 11,229   | 26,347                                      | 465  | 15,568  | 16,816  |
| <b>Selangor</b>                | 436   | 1,597,616   | 513,827  | 1,083,789                                   | 8,479  | 387,730   | 816,050   |
| <b>W.P. Kuala Lumpur</b>       | 254   | 1,370,307   | 342,717  | 1,027,589                                   | 4,810  | 264,058   | 792,677   |
| <b>W.P. Putrajaya</b>          | } 4   | 24,396  | 10,538   | 13,858                                      | 82   | 3,465   | 9,656   |
| <b>W.P. Labuan</b>             |   |   |  |   |  |   |   |

Jadual 10.3: Perangkaan utama aktiviti penyelidikan & pembangunan saintifik dan ujian teknikal & analisis mengikut taraf sah, 2015

Table 10.3: Principal statistics of scientific research & development and technical testing & analysis activities by legal status, 2015

| Taraf sah<br><i>Legal status</i>  | Bilangan<br>pertubuhan<br><i>Number of<br/>establishments</i> | Nilai output<br>kasar<br><i>Value of<br/>gross output</i> | Nilai input<br>perantaraan<br><i>Value of<br/>intermediate<br/>input</i> | Nilai<br>ditambah<br><i>Value<br/>added</i> | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br><i>Number of persons<br/>engaged during December<br/>or the last pay period</i> | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i> | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br><i>Value of fixed<br/>assets owned as at<br/>the end of the year</i> |
|---|---|---|--|---|---|---|--|
|   |   | (RM '000)   | (RM '000)  | (RM '000)                                   |   | (RM '000)   | (RM '000)  |
| <b>Jumlah/ Total</b>  | <b>965</b>  | <b>3,773,940</b>  | <b>1,132,486</b>   | <b>2,641,453</b>                            | <b>17,697</b>   | <b>798,114</b>  | <b>2,106,644</b>   |
| <b>Hak milik perseorangan</b><br><i>Individual proprietorship</i>   | 43  | 36,872  | 9,815  | 27,056                                      | 321   | 8,208   | 14,894   |
| <b>Perkongsian</b><br><i>Partnership</i>  | 7   | 28,239  | 4,632  | 23,608                                      | 46  | 732   | 406  |
| <b>Perkongsian liabiliti terhad</b><br><i>Limited liabilities partnership</i>   | 20  | 14,088  | 7,364  | 6,724                                       | 97  | 4,306   | 5,627  |
| <b>Syarikat sendirian berhad</b><br><i>Private limited company</i>  | 878   | 3,561,949   | 1,055,611  | 2,506,337                                   | 16,464  | 751,454   | 1,977,989  |
| <b>Syarikat awam berhad</b><br><i>Public limited company</i>  | 11  | 73,799  | 22,799   | 51,000                                      | 483   | 16,322  | 68,163   |
| <b>Pertubuhan persendirian<br/>yang tidak mencari<br/>keuntungan</b><br><i>Private non-profit making<br/>organisation</i> | 6   | 58,993  | 32,265   | 26,729                                      | 286   | 17,092  | 39,565   |

**Jadual 10.4: Perangkaan utama aktiviti penyelidikan & pembangunan saintifik dan ujian teknikal & analisis mengikut hak milik, 2015**

*Table 10.4: Principal statistics of scientific research & development and technical testing & analysis activities by ownerships, 2015*

| <b>Hak milik</b><br><i>Ownerships</i>                           | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|---|---|---|--|---|--|---|---|
|   |   | (RM '000)   | (RM '000)  | (RM '000)                                   |  | (RM '000)   | (RM '000)   |
| <b>Jumlah/ Total</b>  | <b>965</b>  | <b>3,773,940</b>  | <b>1,132,486</b>   | <b>2,641,453</b>                            | <b>17,697</b>  | <b>798,114</b>  | <b>2,106,644</b>  |
| <b>Residen Malaysia</b><br><i>Malaysian residents</i>           | 959   | 3,662,907   | 1,085,344  | 2,577,563                                   | 17,462   | 789,564   | 2,044,111   |
| <b>Bukan residen Malaysia</b><br><i>Non-Malaysian residents</i> | 6   | 111,033   | 47,143   | 63,890                                      | 235  | 8,550   | 62,533  |



**Jadual 10.5: Perangkaan utama aktiviti penyelidikan & pembangunan saintifik dan ujian teknikal & analisis mengikut kategori pekerja, 2015**  
 Table 10.5: Number of persons engaged and salaries & wages of scientific research & development and technical testing & analysis activities by category of workers, 2015

| Kategori pekerja<br><i>Category of workers</i>  | Bilangan pekerja pada bulan Disember<br>atau pada tempoh gaji akhir<br><i>Number of persons engaged during<br/>December or the last pay period</i> |                       |                            | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i><br>(RM '000) |
|---|--|-----------------------|----------------------------|--|
|   | Jumlah<br><i>Total</i>   | Lelaki<br><i>Male</i> | Perempuan<br><i>Female</i> | Jumlah<br><i>Total</i>   |
| <b>Jumlah/Total</b>   | <b>17,697</b>  | <b>10,480</b>         | <b>7,217</b>               | <b>798,114</b>   |
| <b>Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji</b><br><i>Total working proprietors and unpaid family workers</i>   | <b>74</b>  | <b>61</b>             | <b>13</b>                  | <b>-</b>   |
| <b>Pemilik yang bekerja dan rakan niaga yang aktif</b><br><i>Working proprietors and active business partners</i>   | 68   | 59                    | 9                          | -  |
| <b>Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap)</b><br><i>Unpaid family workers (all members of family and friends not receiving regular wages)</i> | 6  | 2                     | 4                          | -  |
| <b>Jumlah pekerja (sepenuh masa)</b><br><i>Total employees (full-time)</i>  | <b>17,445</b>  | <b>10,329</b>         | <b>7,116</b>               | <b>796,562</b>   |
| <b>Pengurus</b><br><i>Managers</i>  | 1,746  | 1,339                 | 407                        | 167,632  |
| <b>Profesional</b><br><i>Professionals</i>  | 6,575  | 3,825                 | 2,750                      | 398,942  |
| <b>Profesional</b><br><i>Professionals</i>  | 2,884  | 1,787                 | 1,097                      | 183,365  |
| <b>Penyelidik</b><br><i>Researchers</i>   | 3,691  | 2,038                 | 1,653                      | 215,577  |
| <b>Juruteknik dan profesional bersekutu</b><br><i>Technicians and associate professionals</i>   | 1,922  | 1,506                 | 416                        | 71,910   |
| <b>Pekerja sokongan perkeranian</b><br><i>Clerical support workers</i>  | 2,527  | 737                   | 1,790                      | 65,815   |
| <b>Pekerja perkhidmatan dan jualan</b><br><i>Service and sales workers</i>  | 579  | 265                   | 314                        | 16,416   |
| <b>Pekerja kemahiran dan pekerja pertukangan yang berkaitan</b><br><i>Craft and related trades workers</i>  | 1,002  | 616                   | 386                        | 21,102   |
| <b>Operator mesin, loji dan pemasang</b><br><i>Plant and machine operators and assemblers</i>   | 801  | 573                   | 228                        | 16,916   |
| <b>Pekerjaan asas</b><br><i>Elementary occupations</i>  | 2,293  | 1,468                 | 825                        | 37,830   |
| <b>Pekerja bergaji (sambilan)</b><br><i>Paid employees (part-time)</i>  | <b>178</b>   | <b>90</b>             | <b>88</b>                  | <b>1,552</b>   |

**Jadual 11.1: Perangkaan utama aktiviti profesional lain, 2010 dan 2015**  
*Table 11.1: Principal statistics of other professional activities , 2010 and 2015*

| Tahun<br>Year | Bilangan<br>pertubuhan<br><i>Number of<br/>establishments</i> | Nilai output<br>kasar<br><i>Value of<br/>gross output</i> | Nilai input<br>perantaraan<br><i>Value of<br/>intermediate<br/>input</i> | Nilai<br>ditambah<br><i>Value<br/>added</i> | Bilangan pekerja pada<br>bulan Disember atau<br>pada tempoh gaji akhir<br><i>Number of persons<br/>engaged during December<br/>or the last pay period</i> | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i> | Nilai harta tetap<br>yang dimiliki pada<br>akhir tahun<br><i>Value of fixed<br/>assets owned as at<br/>the end of the year</i> |
|---------------|---|---|--|---|---|---|--|
|               |   | (RM '000)   | (RM '000)  | (RM '000)                                   |   | (RM '000)   | (RM '000)  |
| 2015          | 4,722   | 6,026,028   | 2,481,932  | 3,544,095                                   | 44,637  | 1,349,244   | 3,291,077  |
| 2010          | 2,818   | 2,140,852   | 890,679  | 1,250,173                                   | 14,461  | 276,623   | 449,885  |

Nota/Notes :

**Tiada penyiasatan dijalankan pada tahun 2011 - 2014**

*No survey were conducted in 2011 - 2014*

**\* Pada tahun 2010 aktiviti profesional lain termasuk dalam aktiviti profesional, saintifik dan teknikal lain**

*In 2010, other professional activity includes other professional, scientific and technical activity*

**Jadual 11.2: Perangkaan utama aktiviti profesional lain mengikut negeri, 2015**

*Table 11.2: Principal statistics of other professional activities by states, 2015*

| <b>Negeri</b><br><i>States</i> | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|--------------------------------|---|---|--|---|--|---|---|
|                                |   | <b>(RM '000)</b>  | <b>(RM '000)</b>   | <b>(RM '000)</b>                            |  | <b>(RM '000)</b>  | <b>(RM '000)</b>  |
| <b>Jumlah/ Total</b>           | <b>4,722</b>  | <b>6,026,028</b>  | <b>2,481,932</b>   | <b>3,544,095</b>                            | <b>44,637</b>  | <b>1,349,244</b>  | <b>3,291,077</b>  |
| <b>Johor</b>                   | 477   | 386,805   | 160,339  | 226,466                                     | 3,344  | 104,200   | 251,440   |
| <b>Kedah</b>                   | 116   | 52,838  | 20,909   | 31,929                                      | 754  | 14,834  | 23,691  |
| <b>Kelantan</b>                | 60  | 15,509  | 5,666  | 9,843                                       | 274  | 3,197   | 3,961   |
| <b>Melaka</b>                  | 146   | 58,008  | 16,826   | 41,182                                      | 747  | 13,264  | 17,626  |
| <b>Negeri Sembilan</b>         | 97  | 38,523  | 16,232   | 22,292                                      | 395  | 8,320   | 8,380   |
| <b>Pahang</b>                  | 58  | 19,964  | 8,641  | 11,323                                      | 296  | 4,697   | 7,260   |
| <b>Perak</b>                   | 206   | 55,857  | 25,320   | 30,537                                      | 802  | 12,725  | 20,797  |
| <b>Perlis</b>                  | 13  | 3,484   | 1,006  | 2,479                                       | 147  | 1,804   | 2,633   |
| <b>Pulau Pinang</b>            | 292   | 191,843   | 76,205   | 115,637                                     | 1,936  | 53,580  | 55,219  |
| <b>Sabah</b>                   | 145   | 63,877  | 24,938   | 38,938                                      | 757  | 18,518  | 36,122  |
| <b>Sarawak</b>                 | 192   | 106,158   | 36,151   | 70,008                                      | 1,470  | 38,183  | 166,110   |
| <b>Selangor</b>                | 1,752   | 2,504,627   | 1,025,993  | 1,478,633                                   | 17,228   | 615,199   | 1,473,969   |
| <b>Terengganu</b>              | 46  | 17,086  | 7,700  | 9,386                                       | 248  | 4,147   | 5,614   |
| <b>W.P. Kuala Lumpur</b>       | 1,106   | 2,492,210   | 1,052,007  | 1,440,204                                   | 15,863   | 449,638   | 1,216,102   |
| <b>W.P. Putrajaya</b>          | 10  | 18,480  | 3,610  | 14,869                                      | 353  | 6,699   | 2,036   |
| <b>W.P. Labuan</b>             | 6   | 757   | 389  | 368   | 23   | 240   | 117   |

**Jadual 11.3: Perangkaan utama aktiviti profesional lain mengikut taraf sah, 2015**

*Table 11.3: Principal statistics of other professional activities by legal status, 2015*

| <b>Taraf sah</b><br><i>Legal status</i>                            | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|--|---|---|--|---|--|---|---|
|  |   | <b>(RM '000)</b>  | <b>(RM '000)</b>   | <b>(RM '000)</b>                            |  | <b>(RM '000)</b>  | <b>(RM '000)</b>  |
| <b>Jumlah/ Total</b>   | <b>4,722</b>  | <b>6,026,028</b>  | <b>2,481,932</b>   | <b>3,544,095</b>                            | <b>44,637</b>  | <b>1,349,244</b>  | <b>3,291,077</b>  |
| <b>Hak milik perseorangan</b><br><i>Individual proprietorship</i>  | 1,725   | 485,944   | 215,638  | 270,306                                     | 6,988  | 112,933   | 90,107  |
| <b>Perkongsian</b><br><i>Partnership</i>                           | 336   | 122,689   | 55,351   | 67,339                                      | 1,815  | 29,084  | 26,001  |
| <b>Syarikat sendirian berhad</b><br><i>Private limited company</i> | 2,637   | 4,360,050   | 1,846,028  | 2,514,022                                   | 34,248   | 1,106,737   | 2,013,385   |
| <b>Syarikat awam berhad</b><br><i>Public limited company</i>       | 24  | 1,057,344   | 364,916  | 692,428                                     | 1,586  | 100,489   | 1,161,584   |

**Jadual 11.4: Perangkaan utama aktiviti profesional lain mengikut hak milik, 2015***Table 11.4: Principal statistics of other professional activities by ownerships, 2015*

| <b>Hak milik</b><br><i>Ownerships</i>                           | <b>Bilangan pertubuhan</b><br><i>Number of establishments</i> | <b>Nilai output kasar</b><br><i>Value of gross output</i> | <b>Nilai input perantaraan</b><br><i>Value of intermediate input</i> | <b>Nilai ditambah</b><br><i>Value added</i> | <b>Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir</b><br><i>Number of persons engaged during December or the last pay period</i> | <b>Gaji &amp; upah yang dibayar</b><br><i>Salaries &amp; wages paid</i> | <b>Nilai harta tetap yang dimiliki pada akhir tahun</b><br><i>Value of fixed assets owned as at the end of the year</i> |
|---|---|---|--|---|--|---|---|
|   |   | <b>(RM '000)</b>  | <b>(RM '000)</b>   | <b>(RM '000)</b>                            |  | <b>(RM '000)</b>  | <b>(RM '000)</b>  |
| <b>Jumlah/ Total</b>  | <b>4,722</b>  | <b>6,026,028</b>  | <b>2,481,932</b>   | <b>3,544,095</b>                            | <b>44,637</b>  | <b>1,349,244</b>  | <b>3,291,077</b>  |
| <b>Residen Malaysia</b><br><i>Malaysian residents</i>           | 4,681   | 5,843,949   | 2,426,040  | 3,417,909                                   | 43,924   | 1,305,778   | 3,162,647   |
| <b>Bukan residen Malaysia</b><br><i>Non-Malaysian residents</i> | 32  | 164,970   | 44,670   | 120,299                                     | 643  | 39,539  | 126,429   |
| <b>Hak milik bersama</b><br><i>Joint ownership</i>              | 9   | 17,108  | 11,222   | 5,887                                       | 70   | 3,926   | 2,001   |

**Jadual 11.5: Bilangan pekerja dan gaji & upah aktiviti profesional lain mengikut kategori pekerja, 2015**  
 Table 11.5: Number of persons engaged and salaries & wages of other professional activities by category of workers, 2015

| Kategori pekerja<br><i>Category of workers</i>  | Bilangan pekerja pada bulan Disember<br>atau pada tempoh gaji akhir<br><i>Number of persons engaged during<br/>December or the last pay period</i> |                       |                            | Gaji & upah<br>yang dibayar<br><i>Salaries &amp;<br/>wages paid</i><br>(RM '000) |
|---|--|-----------------------|----------------------------|--|
|   | Jumlah<br><i>Total</i>   | Lelaki<br><i>Male</i> | Perempuan<br><i>Female</i> | Jumlah<br><i>Total</i>   |
| <b>Jumlah/Total</b>   | <b>44,637</b>  | <b>27,238</b>         | <b>17,399</b>              | <b>1,349,244</b>   |
| <b>Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji</b><br><i>Total working proprietors and unpaid family workers</i>   | <b>2,723</b>   | <b>2,026</b>          | <b>697</b>                 | -  |
| <b>Pemilik yang bekerja dan rakan niaga yang aktif</b><br><i>Working proprietors and active business partners</i>   | 2,385  | 1,890                 | 495                        | -  |
| <b>Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap)</b><br><i>Unpaid family workers (all members of family and friends not receiving regular wages)</i> | 338  | 136                   | 202                        | -  |
| <b>Jumlah pekerja (sepenuh masa)</b><br><i>Total employees (full-time)</i>  | <b>41,254</b>  | <b>24,857</b>         | <b>16,397</b>              | <b>1,342,245</b>   |
| <b>Pengurus</b><br><i>Managers</i>  | 4,653  | 3,276                 | 1,377                      | 364,187  |
| <b>Profesional</b><br><i>Professionals</i>  | 6,783  | 4,277                 | 2,506                      | 330,659  |
| <b>Profesional</b><br><i>Professionals</i>  | 6,432  | 4,035                 | 2,397                      | 315,328  |
| <b>Penyelidik</b><br><i>Researchers</i>   | 351  | 242                   | 109                        | 15,331   |
| <b>Juruteknik dan profesional bersekutu</b><br><i>Technicians and associate professionals</i>   | 4,174  | 3,186                 | 988                        | 131,193  |
| <b>Pekerja sokongan perkeranian</b><br><i>Clerical support workers</i>  | 9,227  | 2,200                 | 7,027                      | 224,263  |
| <b>Pekerja perkhidmatan dan jualan</b><br><i>Service and sales workers</i>  | 3,464  | 1,922                 | 1,542                      | 73,825   |
| <b>Pekerja kemahiran dan pekerja pertukangan yang berkaitan</b><br><i>Craft and related trades workers</i>  | 2,544  | 2,160                 | 384                        | 49,325   |
| <b>Operator mesin, loji dan pemasang</b><br><i>Plant and machine operators and assemblers</i>   | 476  | 381                   | 95                         | 8,508  |
| <b>Pekerjaan asas</b><br><i>Elementary occupations</i>  | 9,933  | 7,455                 | 2,478                      | 160,285  |
| <b>Pekerja bergaji (sambilan)</b><br><i>Paid employees (part-time)</i>  | <b>660</b>   | <b>355</b>            | <b>305</b>                 | <b>6,998</b>   |



**LAMPIRAN**



*APPENDIX*

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**PIAWAIAN KLASIFIKASI INDUSTRI MALAYSIA (MSIC) 2008 Ver. 1.0**  
 MALAYSIA STANDARD INDUSTRIAL CLASSIFICATION (MSIC) 2008 Ver.1.0

**PERKHIDMATAN PROFESIONAL, SAINTIFIK DAN TEKNIKAL**  
 PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES

| <b>Kumpulan</b><br><i>Group</i> | <b>Kelas</b><br><i>Class</i> | <b>Perkara</b><br><i>Item</i> | <b>Keterangan</b><br><i>Description</i>   |
|---------------------------------|------------------------------|-------------------------------|---|
| <b>69</b>                       |                              |                               | <b>Aktiviti guaman dan perakaunan</b><br><i>Legal and accounting activities</i>   |
|                                 | 691                          |                               | <b>Aktiviti guaman</b><br><i>Legal activities</i>   |
|                                 |                              | 69100                         | <b>Aktiviti guaman</b><br><i>Legal activities</i>   |
|                                 | 692                          |                               | <b>Aktiviti perakaunan, simpan kira dan audit;<br/>perundingan percukaian</b><br><i>Accounting, bookeeping and auditing activities; tax<br/>consultancy</i> |
|                                 |                              | 69200                         | <b>Aktiviti perakaunan, simpan kira dan audit;<br/>perundingan percukaian</b><br><i>Accounting, bookeeping and auditing activities; tax<br/>consultancy</i> |
| <b>70</b>                       |                              |                               | <b>Aktiviti ibu pejabat; aktiviti perundingan pengurusan</b><br><i>Activities of head offices; management consultancy<br/>activities</i>                    |
|                                 | 701                          |                               | <b>Aktiviti ibu pejabat</b><br><i>Activities of head offices</i>  |
|                                 |                              | 70100                         | <b>Aktiviti ibu pejabat</b><br><i>Activities of head offices</i>  |
|                                 | 702                          |                               | <b>Aktiviti perundingan pengurusan</b><br><i>Management consultancy activities</i>  |
|                                 |                              | 70201                         | <b>Perkhidmatan perundingan pengurusan perniagaan</b><br><i>Business management consultancy services</i>  |
|                                 |                              | 70202                         | <b>Perkhidmatan perundingan sumber manusia</b><br><i>Human resource consultancy services</i>  |

## LAMPIRAN / APPENDIX

| Kumpulan<br>Group | Kelas<br>Class | Perkara<br>Item | Keterangan<br>Description  |
|-------------------|----------------|-----------------|--|
|                   |                | 70203           | <b>Perkhidmatan perundingan perhubungan awam dan komunikasi</b><br><i>Consultancy services in public relation and communications</i>   |
|                   |                | 70209           | <b>Aktiviti perundingan pengurusan lain t.t.t.l</b><br><i>Other management consultancy activities n.e.c</i>  |
| <b>71</b>         |                |                 | <b>Aktiviti arkitek dan kejuruteraan; ujian teknikal dan analisis</b><br><i>Architectural and engineering activities; technical testing and analysis</i>                                   |
|                   | 711            |                 | <b>Aktiviti arkitek dan kejuruteraan dan perundingan teknikal yang berkaitan</b><br><i>Architectural and engineering activities and related technical consultancy</i>                      |
|                   |                | 71101           | <b>Perkhidmatan arkitek</b><br><i>Architectural services</i>   |
|                   |                | 71102           | <b>Perkhidmatan kejuruteraan</b><br><i>Engineering services</i>  |
|                   |                | 71103           | <b>Perkhidmatan juru ukur tanah</b><br><i>Land surveying services</i>  |
|                   |                | 71109           | <b>Aktiviti arkitek dan kejuruteraan lain dan perundingan teknikal berkaitan t.t.t.l.</b><br><i>Other architectural and engineering activities and related technical consultancy n.e.c</i> |
|                   | 712            |                 | <b>Ujian teknikal dan analisis</b><br><i>Technical testing and analysis</i>  |
|                   |                | 71200           | <b>Ujian teknikal dan analisis</b><br><i>Technical testing and analysis</i>  |
| <b>72</b>         |                |                 | <b>Penyelidikan dan pembangunan saintifik</b><br><i>Scientific research and development</i>  |
|                   | 721            |                 | <b>Penyelidikan dan pembangunan eksperimen sains semula jadi dan kejuruteraan</b><br><i>Research and experimental development on natural sciences and engineering</i>                      |

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| Kumpulan<br>Group | Kelas<br>Class | Perkara<br>Item | Keterangan<br>Description  |
|-------------------|----------------|-----------------|--|
|                   |                | 72101           | <b>Penyelidikan dan pembangunan sains semulajadi</b><br><i>Research and development on natural sciences</i>  |
|                   |                | 72102           | <b>Penyelidikan dan pembangunan kejuruteraan dan teknologi</b><br><i>Research and development on engineering and technology</i>  |
|                   |                | 72103           | <b>Penyelidikan dan pembangunan sains perubatan</b><br><i>Research and development on medical sciences</i>   |
|                   |                | 72104           | <b>Penyelidikan dan pembangunan bioteknologi</b><br><i>Research and development on biotechnology</i>   |
|                   |                | 72105           | <b>Penyelidikan dan pembangunan sains pertanian</b><br><i>Research and development on agricultural sciences</i>  |
|                   |                | 72106           | <b>Penyelidikan dan pembangunan teknologi maklumat dan komunikasi</b><br><i>Research and development on Information Communication Technology (ICT)</i>                 |
|                   |                | 72109           | <b>Penyelidikan dan pembangunan sains semulajadi dan kejuruteraan lain t.t.t.l.</b><br><i>Research and development on other natural science and engineering n.e.c.</i> |
|                   | 722            |                 | <b>Penyelidikan dan pembangunan eksperimen sains sosial dan kemanusiaan</b><br><i>Research and experimental development on social sciences and humanities</i>          |
|                   |                | 72201           | <b>Penyelidikan dan pembangunan sains sosial</b><br><i>Research and development on social sciences</i>   |
|                   |                | 72202           | <b>Penyelidikan dan pembangunan kemanusiaan</b><br><i>Research and development on humanities</i>   |
|                   |                | 72209           | <b>Penyelidikan dan pembangunan sosial sains dan kemanusiaan lain, t.t.t.l.</b><br><i>Research and development of other social sciences and humanities n.e.c.</i>      |

## LAMPIRAN / APPENDIX

| <b>Kumpulan<br/>Group</b> | <b>Kelas<br/>Class</b> | <b>Perkara<br/>Item</b> | <b>Keterangan<br/>Description</b>   |
|---------------------------|------------------------|-------------------------|---|
| <b>73</b>                 |                        |                         | <b>Pengiklanan dan penyelidikan pasaran</b><br><i>Advertising and market research</i>   |
|                           | 731                    |                         | <b>Pengiklanan</b><br><i>Advertising</i>  |
|                           |                        | 73100                   | <b>Pengiklanan</b><br><i>Advertising</i>  |
|                           | 732                    |                         | <b>Penyelidikan pasaran dan tinjauan pendapat umum</b><br><i>Market research and public opinion polling</i>                       |
|                           |                        | 73200                   | <b>Penyelidikan pasaran dan tinjauan pendapat umum</b><br><i>Market research and public opinion polling</i>                       |
| <b>74</b>                 |                        |                         | <b>Perkhidmatan profesional, saintifik dan teknikal lain</b><br><i>Other professional, scientific and technical activities</i>    |
|                           | 741                    |                         | <b>Aktiviti mereka bentuk khusus</b><br><i>Specialized design activities</i>  |
|                           |                        | 74101                   | <b>Aktiviti hiasan dalaman</b><br><i>Activities of interior decorators</i>  |
|                           |                        | 74102                   | <b>Perkhidmatan pereka grafik</b><br><i>Services of graphic designers</i>   |
|                           |                        | 74103                   | <b>Perkhidmatan rekaan fesyen</b><br><i>Fashion design services</i>   |
|                           |                        | 74109                   | <b>Aktiviti reka bentuk khusus t.t.t.l</b><br><i>Specialized design activities n.e.c.</i>   |
|                           | 742                    |                         | <b>Aktiviti fotografi</b><br><i>Photographic activities</i>   |
|                           |                        | 74200                   | <b>Aktiviti fotografi</b><br><i>Photographic activities</i>   |
|                           | 749                    |                         | <b>Aktiviti profesional, saintifik dan teknikal lain</b><br><i>Other professional, scientific and technical activities n.e.c.</i> |

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| Kumpulan<br>Group | Kelas<br>Class | Perkara<br>Item | Keterangan<br>Description  |
|-------------------|----------------|-----------------|--|
|                   |                | 74901           | <b>Aktiviti penterjemahan dan penafsiran</b><br><i>Translation and interpretation activities</i>   |
|                   |                | 74902           | <b>Aktiviti broker perniagaan</b><br><i>Business brokerage activities</i>  |
|                   |                | 74903           | <b>Perunding keselamatan</b><br><i>Security consulting</i>   |
|                   |                | 74904           | <b>Aktiviti juru ukur bahan</b><br><i>Activities of quantity surveyors</i>   |
|                   |                | 74905           | <b>Aktiviti perunding selain daripada perunding arkitek, kejuruteraan dan pengurusan</b><br><i>Activities of consultants other than architecture, engineering and management consultants</i> |
|                   |                | 74909           | <b>Aktiviti profesional, saintifik dan teknikal lain t.t.t.l.</b><br><i>Any other professional, scientific and technical activities n.e.c.</i>   |
| <b>75</b>         |                |                 | <b>Aktiviti veterinar</b><br><i>Veterinary activities</i>  |
|                   | 750            |                 | <b>Aktiviti veterinar</b><br><i>Veterinary activities</i>  |
|                   |                | 75000           | <b>Aktiviti veterinar</b><br><i>Veterinary activities</i>  |

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