



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

B//23

BANCI EKONOMI *ECONOMIC CENSUS* **2023**



PERKHIDMATAN PROFESIONAL
PROFESSIONAL SERVICES

JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

BANCI EKONOMI
ECONOMIC CENSUS

2023

PERKHIDMATAN PROFESIONAL
PROFESSIONAL SERVICES

Pemakluman

Jabatan Perangkaan Malaysia (DOSM) telah melancarkan OpenDOSM NextGen sebagai medium yang menyediakan katalog data dan visualisasi bagi memudahkan pengguna menganalisis pelbagai data dan boleh diakses melalui portal <https://open.dosm.gov.my>.

DOSM sedang menjalankan Banci Pertanian 2024. Sila layari <https://www.myagricensus.gov.my/> untuk maklumat lanjut. Tema adalah “Banci Pertanian, Kunci Kemajuan Pertanian.”

Kerajaan Malaysia telah mengisytiharkan Hari Statistik Negara (MyStats Day) pada 20 Oktober setiap tahun. Tema sambutan MyStats Day adalah “Statistik Nadi Kehidupan”. DOSM menyambut ulang tahun ke 75 Jubli Intan pada tahun 2024.

Announcement

The Department of Statistics Malaysia (DOSM) has launched OpenDOSM NextGen as a medium that provides a catalog of data and visualisations to facilitate users' analysis of various data and can be accessed through <https://open.dosm.gov.my>.

DOSM will conduct the Agricultural Census 2024. Please visit <https://www.myagricensus.gov.my/> for more information. The theme is “Agriculture Census, Key to Agriculture Development.”

The Government of Malaysia has declared National Statistics Day (MyStats Day) on October 20th each year. MyStats Day theme is “Statistics is the Essence of Life”. DOSM commemorates its 75th Diamond Jubilee in 2024.

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Tel. : 03-8885 7000

Faks : 03-8888 9248

Portal : <https://www.dosm.gov.my>

Facebook / X / Instagram / Youtube : StatsMalaysia

E-mel / *E-mail* : info@dosm.gov.my (pertanyaan umum / *general enquiries*)
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“Sumber: Jabatan Perangkaan Malaysia”

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Kata Pengantar

Penerbitan Banci Ekonomi 2023 Perkhidmatan Profesional ini memaparkan statistik utama bagi tahun rujukan 2022. Ia merangkumi sepuluh (10) aktiviti ekonomi iaitu 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. Statistik ini diperoleh daripada Banci Ekonomi 2023 yang meliputi semua pertubuhan yang dikelaskan di bawah Seksyen M dalam Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Versi 1.0, selaras *International Standard Industrial Classification of All Economic Activities (ISIC), Revision 4, 2008*. Kali terakhir banci ini dijalankan adalah pada tahun 2016 bagi tahun rujukan 2015.

Statistik utama yang berkaitan dengan bilangan pertubuhan, nilai output kasar, nilai input perantaraan, nilai ditambah, bilangan pekerja, gaji & upah dan nilai harta tetap mengikut aktiviti dilaporkan dalam penerbitan ini. Maklumat pekerja terperinci mengikut jantina, kategori, kemahiran, sijil tertinggi diperoleh dan kewarganegaraan turut dipaparkan. Selain itu, statistik utama lain seperti statistik pertubuhan milikan wanita turut dimuatkan dalam penerbitan ini. Statistik tersebut boleh digunakan oleh ahli ekonomi, ahli akademik, pihak swasta, individu dan agensi kerajaan bagi tujuan membuat perancangan dan penggubalan dasar, analisis ekonomi, unjuran dan dapat membantu merancang pembangunan perniagaan.

Penerbitan ini dibahagikan kepada empat bahagian. Bahagian pertama memaparkan statistik utama Perkhidmatan Profesional diikuti bahagian kedua mengandungi ringkasan penemuan. Manakala, bahagian ketiga mengandungi jadual statistik terperinci dan bahagian seterusnya adalah berkaitan penerangan aspek teknikal seperti skop dan liputan, konsep dan definisi serta penjelasan berkaitan pembolehubah utama.

Jabatan Perangkaan Malaysia (DOSM) merakamkan setinggi-tinggi penghargaan atas kerjasama semua pihak yang telah membekalkan statistik yang diperlukan dan menyumbang kepada kejayaan penerbitan ini. Setiap maklum balas dan cadangan untuk penambahbaikan penerbitan ini pada masa akan datang amat dihargai.

DATO' SRI DR. MOHD UZIR MAHIDIN

Ketua Perangkawan Malaysia

Ogos 2024



Preface

The Economic Census 2023 Professional Services publication presents the principal statistics for the reference year 2022. It covers ten (10) economic activities which are 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 statistics were obtained from the Economic Census 2023, which includes all establishments classified in Section M under the Malaysia Standard Industrial Classification (MSIC) 2008 Version 1.0, in accordance with the International Standard Industrial Classification of All Economic Activities (ISIC), Revision 4, 2008. The previous census was conducted in 2016 for the reference year 2015.

Principal statistics related to the number of establishments, value of gross output, value of intermediate input, value added, number of persons engaged, salaries & wages and value of fixed assets by activities are reported in this publication. Detailed number of persons engaged information by sex, category, skills, highest certificate obtained and citizenship are also displayed. In addition, other key statistics such as statistics on women-owned establishments are also included in this publication. These statistics can be used by economists, academicians, private sectors, individuals and government agencies for planning and policy formulations, economic analysis, projections and to assist in business development planning.

The publication is divided into four parts. The first part displays the main statistics for the Professional Services, followed by the second part, which contains a summary of findings. Meanwhile, the third part provides detailed statistical tables, while the following part covers technical aspects, including scope and coverage, concepts and definitions, and explanations of key variables.

Department of Statistics Malaysia (DOSM) gratefully acknowledges the cooperation of all parties who have provided the required statistics and contributed to the success of this publication. Every feedback and suggestion towards improving future publications is highly appreciated.

DATO' SRI DR. MOHD UZIR MAHIDIN

Chief Statistician Malaysia

August 2024

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Bahagian | *Part*

1

Statistik Utama
Main Statistics



STATISTIK UTAMA

PERKHIDMATAN PROFESIONAL

Bilangan Pertubuhan

2022: 56,164 pertubuhan
 2015: 34,045 pertubuhan
CAGR: 7.4%



Nilai Output Kasar

2022: RM60.0 billion
 2015: RM40.4 billion
CAGR: 5.8%



Nilai Input Perantaraan

2022: RM23.4 billion
 2015: RM16.1 billion
CAGR: 5.5%



Nilai Ditambah

2022: RM36.6 billion
 2015: RM24.3 billion
CAGR: 6.0%



Bilangan Pekerja

2022: 359,405 orang
 2015: 314,292 orang
CAGR: 1.9%



Gaji & Upah

2022: RM14.2 billion
 2015: RM10.1 billion
CAGR: 5.0%



Nilai Harta Tetap

2022: RM16.2 billion
 2015: RM12.5 billion
CAGR: 3.8%



Bilangan Pertubuhan Milikan Wanita

2022: 6,695 pertubuhan
 2015: 4,124 pertubuhan
CAGR: 7.2%



NILAI DITAMBAH TERTINGGI

MENGIKUT AKTIVITI

Kejuruteraan

2022: RM8.2 billion **CAGR: 7.8%**
 2015: RM4.8 billion



Guaman

2022: RM5.6 billion **CAGR: 6.0%**
 2015: RM3.7 billion



Perakaunan

2022: RM5.1 billion **CAGR: 11.7%**
 2015: RM2.4 billion



MENGIKUT NEGERI

W.P. Kuala Lumpur



2022: RM15.6 billion **CAGR: 5.8%**
 2015: RM10.5 billion

Selangor



2022: RM12.5 billion **CAGR: 6.7%**
 2015: RM7.9 billion

Pulau Pinang



2022: RM1.9 billion **CAGR: 5.5%**
 2015: RM1.3 billion



MAIN STATISTICS

PROFESSIONAL SERVICES

Number of Establishments

2022: 56,164 establishments
2015: 34,045 establishments
CAGR: 7.4%



Value of Gross Output

2022: RM60.0 billion
2015: RM40.4 billion
CAGR: 5.8%



Value of Intermediate Input

2022: RM23.4 billion
2015: RM16.1 billion
CAGR: 5.5%



Value Added

2022: RM36.6 billion
2015: RM24.3 billion
CAGR: 6.0%



Number of Persons Engaged

2022: 359,405 persons
2015: 314,292 persons
CAGR: 1.9%



Salaries & Wages

2022: RM14.2 billion
2015: RM10.1 billion
CAGR: 5.0%



Value of Fixed Assets

2022: RM16.2 billion
2015: RM12.5 billion
CAGR: 3.8%



Number of Women-owned Establishments

2022: 6,695 establishments
2015: 4,124 establishments
CAGR: 7.2%



HIGHEST VALUE ADDED

BY ACTIVITY

Engineering

2022: RM8.2 billion **CAGR: 7.8%**
2015: RM4.8 billion



Legal

2022: RM5.6 billion **CAGR: 6.0%**
2015: RM3.7 billion



Accounting

2022: RM5.1 billion **CAGR: 11.7%**
2015: RM2.4 billion



BY STATE

W.P. Kuala Lumpur



2022: RM15.6 billion **CAGR: 5.8%**
2015: RM10.5 billion

Selangor



2022: RM12.5 billion **CAGR: 6.7%**
2015: RM7.9 billion

Pulau Pinang



2022: RM1.9 billion **CAGR: 5.5%**
2015: RM1.3 billion

CAGR 2022/2015

Source: Economic Census 2023, Professional Services
Department of Statistics Malaysia (DOSM)

Bahagian | *Part* 2

Ringkasan Penemuan *Summary of Findings*



1. PENGENALAN

Penerbitan ini memaparkan statistik Perkhidmatan Profesional yang diperoleh daripada Banci Ekonomi 2023 bagi tahun rujukan 2022. 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.

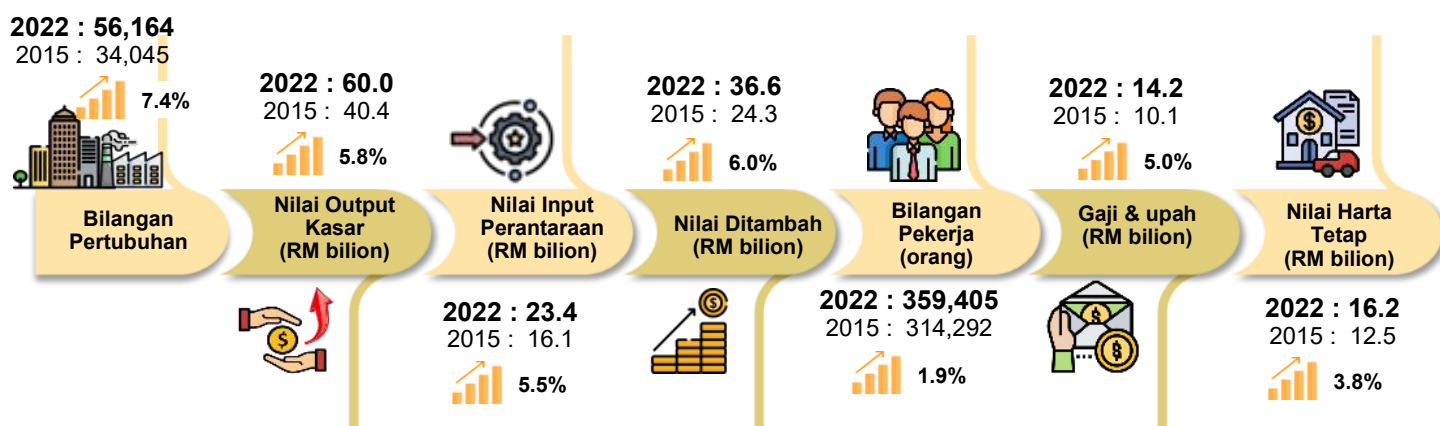
2. PRESTASI PERKHIDMATAN PROFESIONAL

Secara keseluruhan, statistik utama Perkhidmatan Profesional pada tahun 2022 menunjukkan kadar pertumbuhan tahunan positif berbanding 2015. Pada tahun 2022, bilangan pertubuhan yang beroperasi dalam subsektor ini adalah 56,164 pertubuhan dengan kadar pertumbuhan tahunan sebanyak 7.4 peratus berbanding 34,045 pertubuhan pada tahun 2015.

Nilai output kasar pada tahun 2022 berjumlah RM60.0 bilion, meningkat sebanyak RM19.6 bilion berbanding tahun 2015 dengan kadar pertumbuhan tahunan sebanyak 5.8 peratus. Selari dengan pertumbuhan nilai output kasar, nilai input perantaraan turut meningkat RM7.3 bilion mencatatkan RM23.4 bilion dengan kadar pertumbuhan tahunan 5.5 peratus, menghasilkan nilai ditambah sebanyak RM36.6 bilion pada tahun 2022 (2015: RM24.3 bilion).

Seramai 359,405 orang pekerja terlibat dalam subsektor ini berbanding 314,292 orang pada 2015 dengan kadar pertumbuhan tahunan 1.9 peratus. Dalam tempoh yang sama, jumlah gaji & upah turut mencatatkan peningkatan kadar pertumbuhan tahunan sebanyak 5.0 peratus untuk mencatatkan RM14.2 bilion pada tahun 2022 (2015: RM10.1 bilion). Sementara itu, nilai harta tetap dalam Perkhidmatan Profesional pada tahun 2022 adalah RM16.2 bilion (2015: RM12.5 bilion), dengan kadar pertumbuhan tahunan sebanyak 3.8 peratus seperti di **Paparan 1**.

Paparan 1: Statistik Utama bagi Perkhidmatan Profesional, 2015 dan 2022



Nota:



CAGR 2022/2015



3. BILANGAN PERTUBUHAN

Bilangan pertubuhan dalam Perkhidmatan Profesional yang beroperasi pada tahun 2022 ialah sebanyak 56,164 pertubuhan berbanding 34,045 pertubuhan pada tahun 2015, dengan kadar pertumbuhan tahunan sebanyak 7.4 peratus. Aktiviti pakar runding pengurusan dan penyelidikan pasaran merekodkan bilangan pertubuhan tertinggi iaitu sebanyak 14,785 pertubuhan dengan sumbangan sebanyak 26.3 peratus. Ini diikuti oleh profesional lain (9,350 pertubuhan; sumbangan: 16.6%) dan kejuruteraan (8,113 pertubuhan; sumbangan: 14.4%) seperti di **Paparan 2**.

Dalam tempoh 2015 hingga 2022, bilangan pertubuhan bagi subsektor ini telah meningkat sebanyak 22,119 pertubuhan. Pertumbuhan tertinggi dicatatkan oleh aktiviti pakar runding pengurusan dan penyelidikan pasaran (CAGR: 13.3%) diikuti oleh penyelidikan & pembangunan saintifik dan ujian teknikal & analisis (CAGR: 11.6%) dan pengiklanan (CAGR: 10.6%).

Paparan 2: Bilangan Pertubuhan bagi Perkhidmatan Profesional mengikut Aktiviti, 2015 dan 2022

Aktiviti	2015	2022		
 Arkitek	3,600	4,212	7.7%	2.3%
 Kejuruteraan	5,288	8,113	14.4%	6.3%
 Juru ukur tanah & bahan	1,086	1,297	2.3%	2.6%
 Perakaunan	3,870	5,061	9.0%	3.9%
 Guaman	6,054	6,636	11.8%	1.3%
 Pengiklanan	2,082	4,226	7.5%	10.6%
 Pakar runding pengurusan dan penyelidikan pasaran	6,154	14,785	26.3%	13.3%
 Veterinar	224	401	0.7%	8.7%
 Penyelidikan & pembangunan saintifik dan ujian teknikal & analisis	965	2,083	3.7%	11.6%
 Profesional lain	4,722	9,350	16.6%	10.3%
Jumlah	34,045	56,164	100.0%	7.4%

Nota:



% Sumbangan 2022



CAGR 2022/2015

4. NILAI OUTPUT KASAR

Nilai output kasar pada 2022 adalah RM60.0 bilion dengan kadar pertumbuhan tahunan 5.8 peratus berbanding tahun 2015. Aktiviti perakaunan mencatatkan pertumbuhan tertinggi iaitu 12.1 peratus. Ini diikuti kejuruteraan (CAGR: 7.7%) dan juru ukur tanah & bahan (CAGR: 6.5%) seperti di **Paparan 3**.

Aktiviti kejuruteraan merupakan penyumbang tertinggi dengan sumbangan 23.2 peratus atau RM13.9 bilion pada tahun 2022 berbanding RM8.3 bilion pada tahun 2015. Ini diikuti oleh perakaunan yang menyumbang 13.0 peratus dengan mencatatkan nilai RM7.8 bilion (2015: RM3.5 bilion). Seterusnya aktiviti guaman dengan sumbangan 12.8 peratus kepada RM7.7 bilion pada tahun 2022 (2015: RM5.0 bilion).

Paparan 3: Nilai Output Kasar bagi Perkhidmatan Profesional mengikut Aktiviti, 2015 dan 2022

Aktiviti	2015	2022		
	RM bilion	RM bilion		
 Arkitek	3.1	4.1	6.9%	4.1%
 Kejuruteraan	8.3	13.9	23.2%	7.7%
 Juru ukur tanah & bahan	1.0	1.6	2.6%	6.5%
 Perakaunan	3.5	7.8	13.0%	12.1%
 Guaman	5.0	7.7	12.8%	6.4%
 Pengiklanan	5.2	6.7	11.2%	3.7%
 Pakar runding pengurusan dan penyelidikan pasaran	4.4	5.2	8.7%	2.6%
 Veterinar	0.2	0.2	0.4%	3.9%
 Penyelidikan & pembangunan saintifik dan ujian teknikal & analisis	3.8	5.3	8.8%	4.9%
 Profesional lain	6.0	7.4	12.4%	3.1%
Jumlah	40.4	60.0	100.0%	5.8%

Nota:



% Sumbangan 2022



CAGR 2022/2015



5. NILAI INPUT PERANTARAAN

Nilai input perantaraan Perkhidmatan Profesional mencecah RM23.4 bilion pada tahun 2022 dengan mencatatkan pertumbuhan tahunan sebanyak 5.5 peratus. Aktiviti dengan pertumbuhan tertinggi adalah perakaunan (CAGR: 12.7%), kejuruteraan (CAGR: 7.6%) dan guaman (CAGR: 7.5%) seperti di **Paparan 4**.

Aktiviti kejuruteraan mencatatkan sumbangan terbesar input perantaraan dalam Perkhidmatan Profesional pada tahun 2022 dengan sumbangan 24.4 peratus atau RM5.7 bilion. Ini diikuti oleh aktiviti pengiklanan dengan sumbangan 18.5 peratus (RM4.3 bilion) dan profesional lain 12.8 peratus (RM3.0 bilion).

Paparan 4: Nilai Input Perantaraan bagi Perkhidmatan Profesional mengikut Aktiviti, 2015 dan 2022

Aktiviti	2015	2022		
	RM bilion	RM bilion		
 Arkitek	1.2	1.5	6.5%	3.8%
 Kejuruteraan	3.4	5.7	24.4%	7.6%
 Juru ukur tanah & bahan	0.4	0.6	2.7%	6.3%
 Perakaunan	1.1	2.6	11.3%	12.7%
 Guaman	1.3	2.1	9.0%	7.5%
 Pengiklanan	3.4	4.3	18.5%	3.5%
 Pakar runding pengurusan dan penyelidikan pasaran	1.6	1.7	7.1%	0.8%
 Veterinar	0.1	0.1	0.5%	3.8%
 Penyelidikan & pembangunan saintifik dan ujian teknikal & analisis	1.1	1.7	7.2%	5.9%
 Profesional lain	2.5	3.0	12.8%	2.7%
Jumlah	16.1	23.4	100.0%	5.5%

Nota:



% Sumbangan 2022



CAGR 2022/2015

6. NILAI DITAMBAH

Nilai ditambah bagi Perkhidmatan Profesional meningkat daripada RM24.3 bilion pada tahun 2015 kepada RM36.6 bilion pada tahun 2022 dengan kadar pertumbuhan tahunan sebanyak 6.0 peratus (**Paparan 5**). Dari segi sumbangan mengikut aktiviti, kejuruteraan mendahului dengan nilai sebanyak RM8.2 bilion (sumbangan: 22.4%). Penyumbang kedua tertinggi adalah aktiviti guaman dengan RM5.6 bilion (sumbangan: 15.3%) diikuti perakaunan dengan nilai RM5.1 bilion (sumbangan: 14.0%).

Sementara itu, aktiviti perakaunan mencatatkan pertumbuhan tahunan tertinggi sebanyak 11.7 peratus diikuti oleh kejuruteraan (CAGR: 7.8%) dan juru ukur tanah & bahan (CAGR: 6.6%).

Paparan 5: Nilai Ditambah bagi Perkhidmatan Profesional mengikut Aktiviti, 2015 dan 2022

Aktiviti	2015	2022		
	RM bilion	RM bilion		
 Arkitek	1.9	2.6	7.1%	4.3%
 Kejuruteraan	4.8	8.2	22.4%	7.8%
 Juru ukur tanah & bahan	0.6	0.9	2.6%	6.6%
 Perakaunan	2.4	5.1	14.0%	11.7%
 Guaman	3.7	5.6	15.3%	6.0%
 Pengiklanan	1.8	2.4	6.6%	3.9%
 Pakar runding pengurusan dan penyelidikan pasaran	2.8	3.6	9.7%	3.5%
 Veterinar	0.1	0.1	0.3%	3.9%
 Penyelidikan & pembangunan saintifik dan ujian teknikal & analisis	2.6	3.6	9.8%	4.5%
 Profesional lain	3.5	4.5	12.2%	3.3%
Jumlah	24.3	36.6	100.0%	6.0%

Nota:



% Sumbangan 2022



CAGR 2022/2015



7. BILANGAN PEKERJA

Perkhidmatan Profesional merekodkan bilangan pekerja seramai 359,405 orang pada tahun 2022 berbanding 314,292 orang pada tahun 2015 dengan kadar pertumbuhan tahunan sebanyak 1.9 peratus seperti di **Paparan 6**.

Aktiviti kejuruteraan mempunyai bilangan pekerja yang tertinggi iaitu seramai 64,689 orang dengan sumbangan sebanyak 18.0 peratus. Ini diikuti oleh aktiviti guaman 55,771 orang (sumbangan: 15.5%) dan profesional lain 50,558 orang (sumbangan: 14.1%).

Paparan 6: Bilangan Pekerja bagi Perkhidmatan Profesional mengikut Aktiviti, 2015 dan 2022

Aktiviti	2015	2022		
	(orang)	(orang)		
 Arkitek	25,829	29,532	8.3%	1.9%
 Kejuruteraan	58,035	64,689	18.0%	1.6%
 Juru ukur tanah & bahan	10,107	11,630	3.2%	2.0%
 Perakaunan	35,716	41,272	11.5%	2.1%
 Guaman	47,991	55,771	15.5%	2.2%
 Pengiklanan	30,150	35,257	9.8%	2.3%
 Pakar runding pengurusan dan penyelidikan pasaran	42,683	49,031	13.6%	2.0%
 Veterinar	1,447	1,790	0.5%	3.1%
 Penyelidikan & pembangunan saintifik dan ujian teknikal & analisis	17,697	19,875	5.5%	1.7%
 Profesional lain	44,637	50,558	14.1%	1.8%
Jumlah	314,292	359,405	100.0%	1.9%

Nota:



% Sumbangan 2022



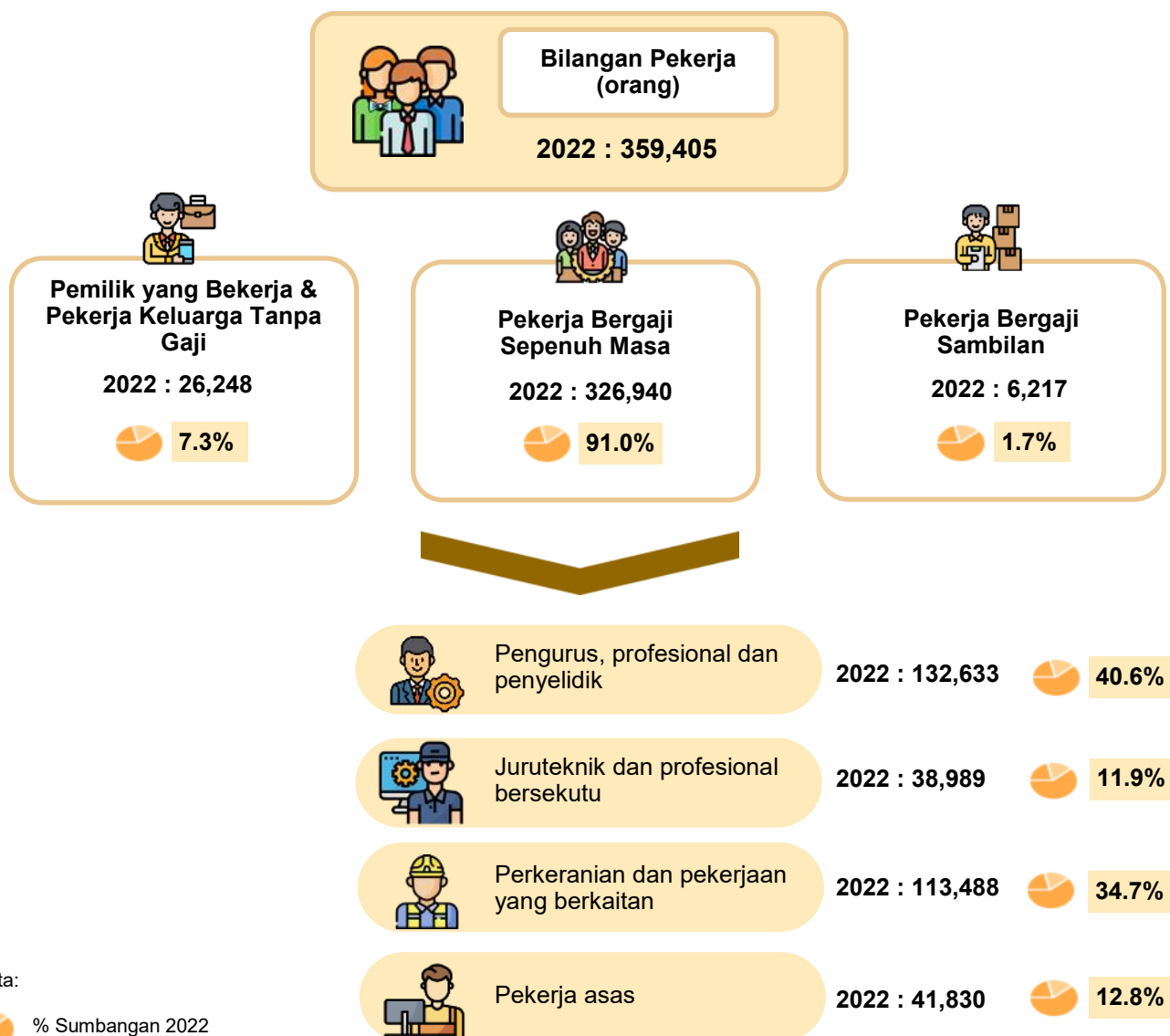
CAGR 2022/2015

7.1 BILANGAN PEKERJA MENGIKUT KATEGORI PEKERJA

Paparan 7 menunjukkan bilangan pekerja dalam Perkhidmatan Profesional mengikut kategori pekerja pada tahun 2022. Bilangan pekerja dalam Perkhidmatan Profesional adalah seramai 359,405 orang, di mana 326,940 orang atau 91.0 peratus adalah pekerja bergaji sepenuh masa. Seramai 26,248 orang (sumbangan: 7.3%) adalah pemilik yang bekerja dan pekerja keluarga tanpa gaji, manakala pekerja bergaji sambilan adalah seramai 6,217 orang (sumbangan: 1.7%).

Bagi pekerja sepenuh masa, kategori pengurus, profesional dan penyelidik merekodkan bilangan pekerja yang tertinggi iaitu seramai 132,633 orang dengan sumbangan 40.6 peratus. Ini diikuti oleh perkeranian dan pekerjaan yang berkaitan (113,488 orang; sumbangan: 34.7%), pekerja asas (41,830 orang; sumbangan: 12.8%) dan juruteknik dan profesional bersekutu (38,989 orang; sumbangan: 11.9%).

Paparan 7: Bilangan Pekerja bagi Perkhidmatan Profesional mengikut Kategori Pekerja, 2022



Nota:

 % Sumbangan 2022

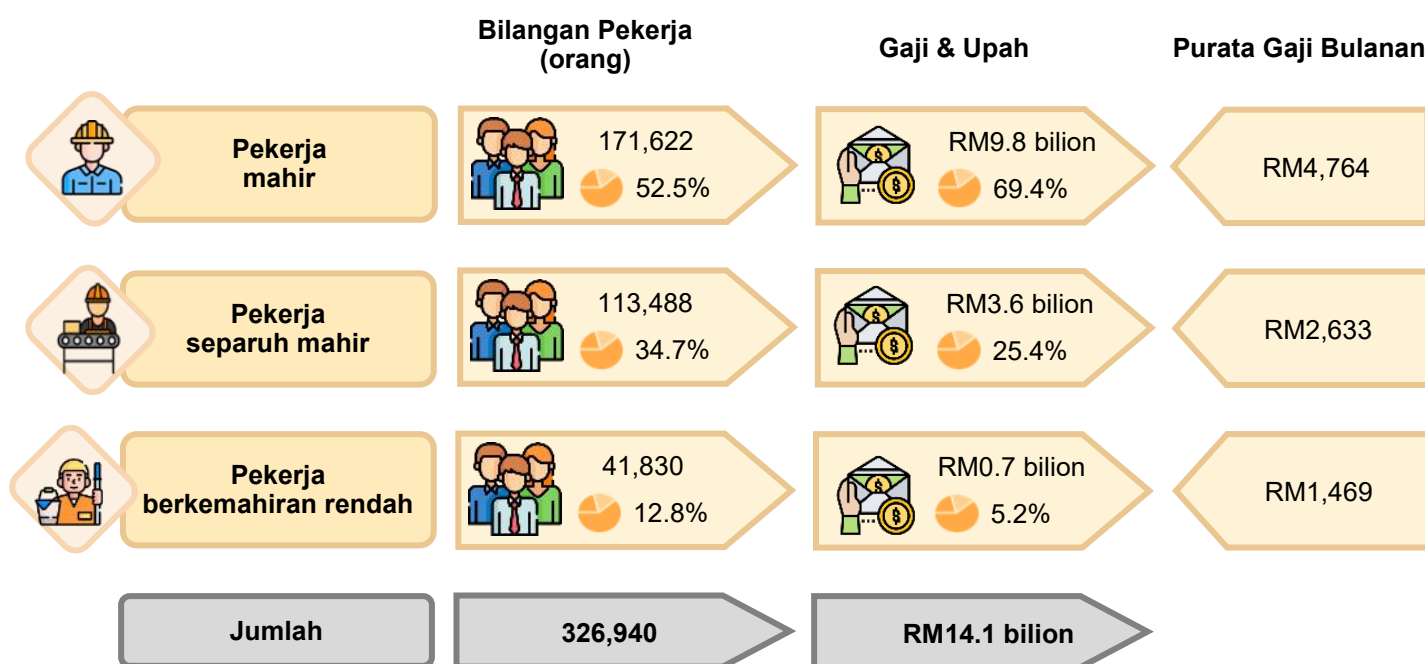


7.2 BILANGAN PEKERJA MENGIKUT KATEGORI KEMAHIRAN

Dari segi tahap kemahiran, pekerja mahir mencatatkan bilangan pekerja tertinggi iaitu seramai 171,622 orang (sumbangan: 52.5%), diikuti oleh pekerja separuh mahir (113,488 orang; sumbangan: 34.7%) dan pekerja berkemahiran rendah (41,830 orang; sumbangan: 12.8%). Gaji dan upah bagi pekerja mahir merekodkan sumbangan sebanyak 69.4 peratus, berjumlah RM9.8 bilion pada tahun 2022. Sementara itu, pekerja separuh mahir dan pekerja berkemahiran rendah masing-masing menerima jumlah bayaran sebanyak RM3.6 bilion (sumbangan: 25.4%) dan RM0.7 bilion (sumbangan: 5.2%).

Pekerja mahir menerima purata gaji & upah tertinggi dengan nilai RM4,764 sebulan. Pekerja separuh mahir menerima purata gaji sebanyak RM2,633 sebulan dan pekerja berkemahiran rendah menerima RM1,469 sebulan seperti yang ditunjukkan di **Paparan 8**.

Paparan 8: Bilangan Pekerja, Gaji & Upah dan Purata Gaji Bulanan bagi Perkhidmatan Profesional mengikut Kategori Kemahiran, 2022



Nota:  % Sumbangan 2022

7.3 BILANGAN PEKERJA MENGIKUT SIJIL TERTINGGI DIPEROLEH

Pada tahun 2022, pekerja dengan Ijazah Sarjana Muda/Diploma Lanjutan atau yang setaraf adalah majoriti dalam Perkhidmatan Profesional dengan jumlah 118,669 orang atau 33.0 peratus daripada jumlah pekerja. Ini diikuti oleh pekerja yang mempunyai Diploma seramai 82,890 orang (sumbangan: 23.1%) dan SPM/ SPM (V) atau yang setaraf berjumlah 73,266 orang (sumbangan: 20.4%). Baki pekerja bagi sijil tertinggi diperoleh yang lain adalah seperti di Paparan 9.

Paparan 9: Bilangan Pekerja bagi Perkhidmatan Profesional mengikut Sijil Tertinggi Diperoleh dan Jantina, 2022

Sijil Tertinggi Diperoleh	Jumlah (orang)	Bilangan Pekerja (orang)	
		Lelaki	Perempuan
			
 Pascasiswazah	15,763  4.4%	7,991  4.0%	7,772  4.8%
 Ijazah Sarjana Muda/Diploma lanjutan atau yang setaraf	118,669  33.0%	70,018  35.4%	48,651  30.1%
 Diploma	82,890  23.1%	41,474  20.9%	41,416  25.7%
 SPTM atau yang setaraf	24,635  6.9%	13,637  6.9%	10,998  6.8%
 Sijil	33,899  9.4%	23,136  11.7%	10,763  6.7%
 SPM/SPM (V) atau yang setaraf	73,266  20.4%	35,133  17.7%	38,133  23.6%
 Dibawah taraf kelulusan SPM/SPM (V)	10,283  2.9%	6,591  3.3%	3,692  2.3%
Jumlah	359,405  100.0%	197,980  55.1%	161,425  44.9%

Nota:  % Sumbangan 2022



8. GAJI & UPAH

Gaji & upah dalam Perkhidmatan Profesional berjumlah RM14.2 bilion dengan kadar pertumbuhan tahunan 5.0 peratus. Aktiviti kejuruteraan mencatatkan jumlah gaji & upah tertinggi dengan RM2.7 bilion atau 19.1 peratus. Ini diikuti oleh aktiviti guaman RM1.9 bilion (sumbangan: 13.5%) dan profesional lain dengan RM1.9 bilion (sumbangan: 13.3%) seperti di **Paparan 10**.

Secara purata, pekerja bagi Perkhidmatan Profesional menerima gaji & upah sebanyak RM3,556 sebulan. Purata gaji & upah bulanan tertinggi diterima oleh pekerja dalam aktiviti penyelidikan & pembangunan saintifik dan ujian teknikal & analisis (RM4,947) diikuti oleh perakaunan (RM4,079) dan kejuruteraan (RM3,619).

Paparan 10: Gaji & Upah dan Purata Gaji Bulanan bagi Perkhidmatan Profesional mengikut Aktiviti, 2015 dan 2022

Aktiviti	2015	2022			Purata Gaji Bulanan (RM)
	RM bilion				
 Arkitek	0.8	1.0	7.1%	4.3%	3,124
 Kejuruteraan	1.8	2.7	19.1%	6.3%	3,619
 Juru ukur tanah & bahan	0.3	0.4	2.6%	5.5%	2,847
 Perakaunan	1.3	1.8	13.0%	5.7%	4,079
 Guaman	1.2	1.9	13.5%	6.5%	3,594
 Pengiklanan	1.1	1.3	9.4%	2.5%	3,253
 Pakar runding pengurusan dan penyelidikan pasaran	1.5	1.9	13.3%	3.4%	3,352
 Veterinar	0.04	0.1	0.4%	4.2%	2,725
 Penyelidikan & pembangunan saintifik dan ujian teknikal & analisis	0.8	1.2	8.3%	5.7%	4,947
 Profesional lain	1.3	1.9	13.3%	4.9%	3,305
Jumlah	10.1	14.2	100.0%	5.0%	3,556

Nota:



% Sumbangan 2022



CAGR 2022/2015

9. NILAI HARTA TETAP

Dalam tempoh 2015 hingga 2022, nilai harta tetap bagi Perkhidmatan Profesional berkembang daripada RM12.5 bilion kepada RM16.2 bilion dengan kadar pertumbuhan tahunan sebanyak 3.8 peratus (**Paparan 11**).

Aktiviti profesional lain merupakan penyumbang terbesar dengan nilai sebanyak RM4.5 bilion (sumbangan: 27.7%) pada tahun 2022. Penyumbang kedua terbesar adalah penyelidikan & pembangunan saintifik dan ujian teknikal & analisis dengan nilai RM2.9 bilion (sumbangan: 17.9%), diikuti kejuruteraan dengan nilai RM2.6 bilion (sumbangan: 15.8%).

Paparan 11: Nilai Harta Tetap bagi Perkhidmatan Profesional mengikut Aktiviti, 2015 dan 2022

Aktiviti	2015	2022		
	RM bilion	RM bilion		
 Arkitek	0.8	0.9	5.7%	1.7%
 Kejuruteraan	2.1	2.6	15.8%	2.7%
 Juru ukur tanah & bahan	0.4	0.4	2.7%	2.5%
 Perakaunan	0.9	1.1	6.9%	2.4%
 Guaman	0.6	0.6	3.9%	2.0%
 Pengiklanan	1.2	1.6	9.7%	3.6%
 Pakar runding pengurusan dan penyelidikan pasaran	1.0	1.5	9.2%	6.3%
 Veterinar	0.1	0.1	0.5%	3.2%
 Penyelidikan & pembangunan saintifik dan ujian teknikal & analisis	2.1	2.9	17.9%	4.7%
 Profesional lain	3.3	4.5	27.7%	4.5%
Jumlah	12.5	16.2	100.0%	3.8%

Nota:



% Sumbangan 2022



CAGR 2022/2015



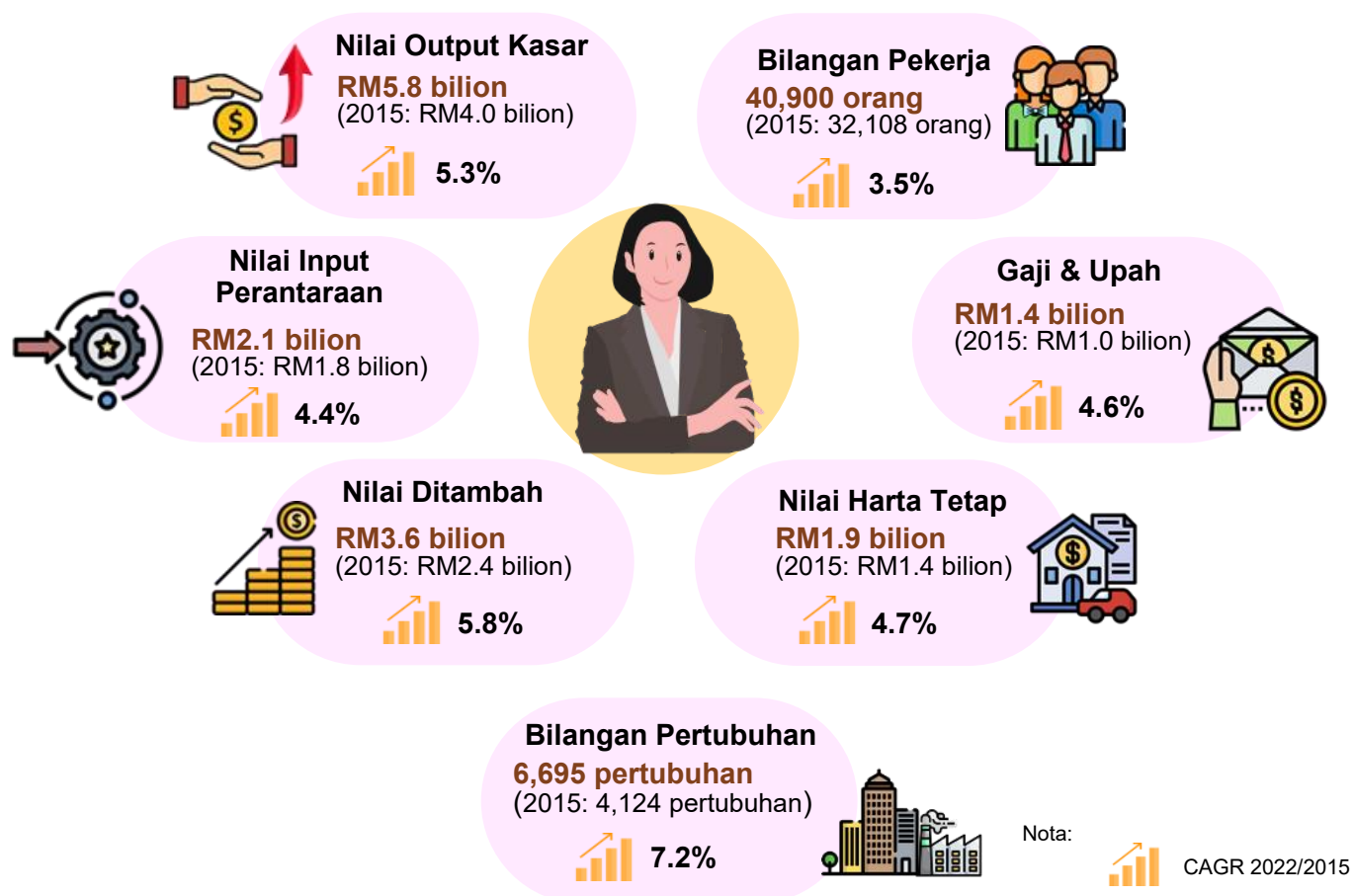
10. PERTUBUHAN MILIKAN WANITA

Pada tahun 2022, terdapat 6,695 pertubuhan milikan wanita dalam Perkhidmatan Profesional berbanding 4,124 pertubuhan pada tahun 2015 dengan kadar pertumbuhan tahunan 7.2 peratus (**Paparan 12**). Jumlah ini merupakan 11.9 peratus daripada jumlah keseluruhan pertubuhan bagi perkhidmatan ini.

Pertubuhan milikan wanita ini menjana nilai output kasar berjumlah RM5.8 bilion pada tahun 2022 (2015: RM4.0 bilion; CAGR: 5.3%) manakala nilai input perantaraan merekodkan sebanyak RM2.1 bilion (2015: 1.8 bilion, CAGR: 4.4%). Jumlah nilai ditambah yang dijana oleh pertubuhan milikan wanita adalah RM3.6 bilion (2015: RM2.4 bilion; CAGR: 5.8%).

Selain itu, pertubuhan milikan wanita mencatatkan pekerja seramai 40,900 orang pada tahun 2022 berbanding 32,108 orang pada tahun 2015 (CAGR: 3.5%), dengan gaji & upah sebanyak RM1.4 bilion (2015: RM1.0 bilion; CAGR: 4.6%). Nilai harta tetap bagi pertubuhan milikan wanita adalah sebanyak RM1.9 bilion (2015: RM1.4 bilion; CAGR: 4.7%).

Paparan 12: Statistik Utama Pertubuhan Milikan Wanita bagi Perkhidmatan Profesional, 2015 dan 2022





11. PRESTASI MENGIKUT NEGERI

Perkhidmatan Profesional merekodkan sejumlah 56,164 pertubuhan beroperasi pada tahun 2022 (**Paparan 13**). Prestasi mengikut negeri menunjukkan Selangor menduduki tempat pertama iaitu sebanyak 22,350 pertubuhan (sumbangan: 39.8%), diikuti oleh W.P. Kuala Lumpur dengan 11,535 pertubuhan (sumbangan: 20.5%) dan Johor dengan 5,777 pertubuhan (10.3%).

Bagi nilai output kasar, W.P. Kuala Lumpur mencatatkan nilai tertinggi iaitu RM25.7 bilion dengan sumbangan 42.8 peratus, diikuti oleh Selangor (RM21.1 bilion; sumbangan: 35.1%) dan Pulau Pinang (RM3.0 bilion; sumbangan: 4.9%) pada tahun 2022. Nilai input perantaraan tertinggi juga dicatatkan oleh W.P. Kuala Lumpur berjumlah RM10.1 bilion dengan sumbangan sebanyak 43.2 peratus. Ini diikuti oleh Selangor berjumlah RM8.6 bilion (sumbangan: 36.8%).

Selari dengan prestasi nilai output kasar, W.P. Kuala Lumpur merekodkan nilai ditambah tertinggi iaitu RM15.6 bilion (sumbangan: 42.5%), diikuti oleh Selangor (RM12.5 bilion; sumbangan: 34.1%) dan Pulau Pinang (RM1.9 bilion; sumbangan: 5.1%).

W.P. Kuala Lumpur merekodkan bilangan pekerja tertinggi seramai 125,474 orang dengan sumbangan 34.9 peratus. Ini diikuti oleh Selangor (120,125 orang; sumbangan: 33.4%) dan Johor (26,242 orang; sumbangan: 7.3%).

Gaji & upah bagi Perkhidmatan Profesional pada tahun 2022 adalah sebanyak RM14.2 bilion. Tiga negeri yang mencatatkan nilai gaji & upah tertinggi adalah W.P. Kuala Lumpur dengan RM5.5 bilion, mewakili 38.9 peratus sumbangan, diikuti oleh Selangor (RM5.1 bilion; sumbangan: 36.1%) dan Johor (RM0.9 bilion; sumbangan: 6.3%).

Selangor mencatatkan nilai harta tetap yang tertinggi berjumlah RM6.3 bilion dengan sumbangan 39.1 peratus. Ini diikuti oleh W.P. Kuala Lumpur (RM5.8 bilion; sumbangan: 36.0%) dan Johor (RM1.6 bilion; sumbangan: 9.6%).

Paparan 13: Statistik Utama Perkhidmatan Profesional mengikut Negeri, 2022

Negeri	Bilangan Pertubuhan	Nilai Output Kasar (RM bilion)	Nilai Input Perantaraan (RM bilion)	Nilai Ditambah (RM bilion)	Jumlah Pekerja (orang)	Gaji & Upah (RM bilion)	Nilai Harta Tetap (RM bilion)
 Johor	5,777 10.3%	2.8 4.7%	1.1 4.6%	1.8 4.8%	26,242 7.3%	0.9 6.3%	1.6 9.6%
 Kedah	1,136 2.0%	0.6 1.0%	0.2 0.8%	0.4 1.1%	5,676 1.6%	0.2 1.1%	0.3 1.8%
 Kelantan	574 1.0%	0.3 0.4%	0.1 0.4%	0.2 0.5%	3,128 0.9%	0.1 0.5%	0.04 0.2%
 Melaka	1,331 2.4%	0.6 1.0%	0.2 0.7%	0.4 1.2%	6,178 1.7%	0.2 1.2%	0.1 0.8%
 Negeri Sembilan	1,631 2.9%	0.6 0.9%	0.2 0.9%	0.3 1.0%	6,025 1.7%	0.2 1.1%	0.2 1.0%
 Pahang	704 1.3%	0.4 0.7%	0.1 0.5%	0.3 0.7%	4,449 1.2%	0.1 0.9%	0.1 0.6%
 Pulau Pinang	4,658 8.3%	3.0 4.9%	1.1 4.6%	1.9 5.1%	20,532 5.7%	0.6 4.5%	0.7 4.5%
 Perak	2,137 3.8%	0.9 1.5%	0.3 1.3%	0.6 1.7%	9,628 2.7%	0.3 1.8%	0.2 1.1%
 Perlis	112 0.2%	0.1 0.1%	0.02 0.1%	0.04 0.1%	631 0.2%	0.01 0.1%	0.01 0.1%
 Selangor	22,350 39.8%	21.1 35.1%	8.6 36.8%	12.5 34.1%	120,125 33.4%	5.1 36.1%	6.3 39.1%
 Terengganu	646 1.2%	0.5 0.8%	0.2 0.9%	0.3 0.7%	3,868 1.1%	0.1 0.8%	0.1 0.5%
 Sabah	1,393 2.5%	1.4 2.4%	0.5 2.1%	0.9 2.5%	10,710 3.0%	0.4 2.6%	0.3 1.8%
 Sarawak	2,054 3.7%	2.1 3.4%	0.7 2.9%	1.4 3.7%	15,788 4.4%	0.5 3.8%	0.4 2.8%
 W.P. Kuala Lumpur	11,535 20.5%	25.7 42.8%	10.1 43.2%	15.6 42.5%	125,474 34.9%	5.5 38.9%	5.8 36.0%
 W.P. Labuan	67 0.1%	0.05 0.1%	0.02 0.1%	0.03 0.1%	351 0.1%	0.01 0.1%	0.02 0.1%
 W.P. Putrajaya	59 0.1%	0.04 0.1%	0.01 0.05%	0.03 0.1%	600 0.2%	0.02 0.1%	0.01 **%
 MALAYSIA	56,164 (100.0%)	60.0 (100.0%)	23.4 (100.0%)	36.6 (100.0%)	359,405 (100.0%)	14.2 (100.0%)	16.2 (100.0%)

Nota: % Sumbangan 2022
** % : kurang dari 0.01%

SUMMARY OF FINDINGS

1. INTRODUCTION

This publication presents statistics on the Professional Services obtained from the Economic Census 2023 for reference year 2022. 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.

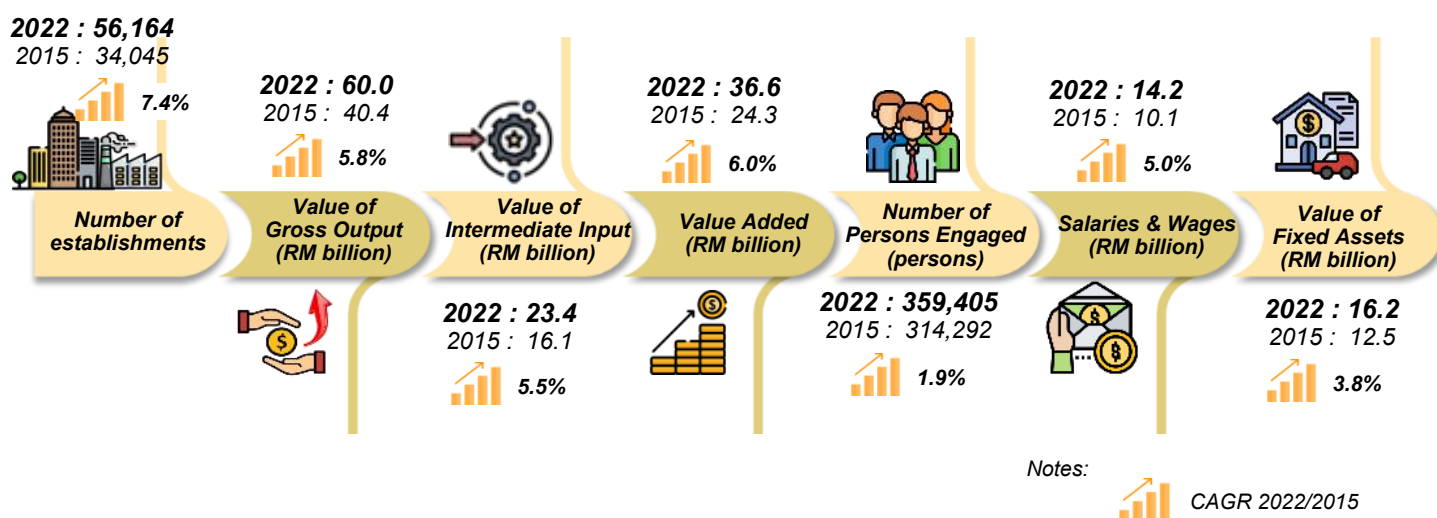
2. PERFORMANCE OF PROFESSIONAL SERVICES

Overall, the main statistics of Professional Services in 2022 showed a positive annual growth rate compared to 2015. In 2022, the number of establishments operating in this sub-sector was 56,164 establishments with an annual growth rate of 7.4 per cent compared to 34,045 establishments in 2015.

The value of gross output in 2022 amounted to RM60.0 billion, an increase of RM19.6 billion compared to 2015 with an annual growth rate of 5.8 per cent. In line with the growth of gross output, the value of intermediate input also increased by RM7.3 billion to record RM23.4 billion with an annual growth rate of 5.5 per cent, resulting value added RM36.6 billion in 2022 (2015: RM24.3 billion).

A total of 359,405 persons engaged were involved in this sub-sector compared to 314,292 persons in 2015 with an annual growth rate of 1.9 per cent. During the same period, the salaries & wages also grew by 5.0 per cent to reach RM14.2 billion in 2022 (2015: RM10.1 billion). Meanwhile, the value of fixed assets for Professional Services in 2022 amounted to RM16.2 billion (2015: RM12.5 billion), indicating an annual growth rate of 3.8 per cent as shown in **Exhibit 1**.

Exhibit 1: Main Statistics of Professional Services, 2015 and 2022





3. NUMBER OF ESTABLISHMENTS

The number of establishments operating in 2022 was 56,164 establishments as compared to 34,045 establishments in 2015, with an annual growth rate of 7.4 per cent. Management consultancy and market research activities recorded the highest number of establishments, totalling 14,785 establishments, with a contribution of 26.3 per cent share. This followed by other professional (9,350 establishments; share: 16.6%) and engineering (8,113 establishments; share: 14.4%) as shown in **Exhibit 2**.

Throughout 2015 to 2022, the number of establishments increased by 22,119 establishments. The highest growth was recorded by management consultancy and market research activities (CAGR: 13.3%) followed by scientific research & development and technical testing & analysis (CAGR: 11.6%) and advertising (CAGR: 10.6%).

Exhibit 2: Number of Establishments for Professional Services by Activity, 2015 and 2022

Activities	2015	2022		
 Architectural	3,600	4,212	7.7%	2.3%
 Engineering	5,288	8,113	14.4%	6.3%
 Land & quantity surveying	1,086	1,297	2.3%	2.6%
 Accounting	3,870	5,061	9.0%	3.9%
 Legal	6,054	6,636	11.8%	1.3%
 Advertising	2,082	4,226	7.5%	10.6%
 Management consultancy and market research	6,154	14,785	26.3%	13.3%
 Veterinary	224	401	0.7%	8.7%
 Scientific research & development and technical testing & analysis	965	2,083	3.7%	11.6%
 Other professional	4,722	9,350	16.6%	10.3%
Total	34,045	56,164	100.0%	7.4%

Notes:



% Share 2022



CAGR 2022/2015

SUMMARY OF FINDINGS

4. VALUE OF GROSS OUTPUT

The value of gross output in 2022 was RM60.0 billion with an annual growth rate of 5.8 per cent compared to 2015. Accounting activities recorded the highest growth rate were 12.1 per cent. This was followed by engineering (CAGR: 7.7%) and land & quantity surveying (CAGR: 6.5%) as depicted in **Exhibit 3**.

Engineering activities was the highest contributor, with a contribution of 23.2 per cent or RM13.9 billion in 2022, compared to RM8.3 billion in 2015. This was followed by accounting, which contributed 13.0 per cent with a value of RM7.8 billion (2015: RM3.5 billion). Next, legal activities contributed of 12.8 percent, reaching RM7.7 billion in 2022 (2015: RM5.0 billion).

Exhibit 3: Value of Gross Output for Professional Services by Activity, 2015 and 2022

Activities	2015	2022		
	RM billion	RM billion		
 Architectural	3.1	4.1	6.9%	4.1%
 Engineering	8.3	13.9	23.2%	7.7%
 Land & quantity surveying	1.0	1.6	2.6%	6.5%
 Accounting	3.5	7.8	13.0%	12.1%
 Legal	5.0	7.7	12.8%	6.4%
 Advertising	5.2	6.7	11.2%	3.7%
 Management consultancy and market research	4.4	5.2	8.7%	2.6%
 Veterinary	0.2	0.2	0.4%	3.9%
 Scientific research & development and technical testing & analysis	3.8	5.3	8.8%	4.9%
 Other professional	6.0	7.4	12.4%	3.1%
Total	40.4	60.0	100.0%	5.8%

Notes:



% Share 2022



CAGR 2022/2015



5. VALUE OF INTERMEDIATE INPUT

The value of intermediate input for Professional Services reached RM23.4 billion in 2022, recording an annual growth of 5.5 per cent. Activities with the notable growth were accounting (CAGR: 12.7%), engineering (CAGR: 7.6%) and legal (CAGR: 7.5%) as depicted in **Exhibit 4**.

Engineering activities recorded the largest intermediate input for Professional Services in 2022 with a contribution of 24.4 per cent or RM5.7 billion. This was followed by the advertising activities with a contribution of 18.5 per cent (RM4.3 billion) and other professional 12.8 per cent (RM3.0 billion).

Exhibit 4: Value of Intermediate Input for Professional Services by Activity, 2015 and 2022

Activities	2015	2022		
	RM billion	RM billion		
 Architectural	1.2	1.5	6.5%	3.8%
 Engineering	3.4	5.7	24.4%	7.6%
 Land & quantity surveying	0.4	0.6	2.7%	6.3%
 Accounting	1.1	2.6	11.3%	12.7%
 Legal	1.3	2.1	9.0%	7.5%
 Advertising	3.4	4.3	18.5%	3.5%
 Management consultancy and market research	1.6	1.7	7.1%	0.8%
 Veterinary	0.1	0.1	0.5%	3.8%
 Scientific research & development and technical testing & analysis	1.1	1.7	7.2%	5.9%
 Other professional	2.5	3.0	12.8%	2.7%
Total	16.1	23.4	100.0%	5.5%

Notes:



% Share 2022



CAGR 2022/2015

SUMMARY OF FINDINGS

6. VALUE ADDED

Value added for Professional Services increased from RM24.3 billion in 2015 to RM36.6 billion in 2022, with an annual growth rate of 6.0 per cent (**Exhibit 5**). In terms of contribution by activity, engineering leads with a value of RM8.2 billion (share: 22.4%). The second largest contributor was legal activities with RM5.6 billion (share: 15.3%) followed by accounting with RM5.1 billion (share: 14.0%).

Meanwhile, accounting activities recorded the highest annual growth at 11.7 per cent, followed by engineering (CAGR: 7.8%) and land & quantity surveying (CAGR: 6.6%).

Exhibit 5: Value Added for Professional Services by Activity, 2015 and 2022

Activities	2015	2022		
	RM billion	RM billion		
 Architectural	1.9	2.6	7.1%	4.3%
 Engineering	4.8	8.2	22.4%	7.8%
 Land & quantity surveying	0.6	0.9	2.6%	6.6%
 Accounting	2.4	5.1	14.0%	11.7%
 Legal	3.7	5.6	15.3%	6.0%
 Advertising	1.8	2.4	6.6%	3.9%
 Management consultancy and market research	2.8	3.6	9.7%	3.5%
 Veterinary	0.1	0.1	0.3%	3.9%
 Scientific research & development and technical testing & analysis	2.6	3.6	9.8%	4.5%
 Other professional	3.5	4.5	12.2%	3.3%
Total	24.3	36.6	100.0%	6.0%

Notes:  % Share 2022
 CAGR 2022/2015

SUMMARY OF FINDINGS



7. NUMBER OF PERSONS ENGAGED

Professional Services engaged 359,405 persons in 2022, compared to 314,292 persons in 2015, reflecting an annual growth rate of 1.9 per cent as illustrated in **Exhibit 6**.

Engineering activities recorded the highest number totaling 64,689 persons, accounting for 18.0 per cent. This was followed by legal activities with 55,771 persons (share: 15.5%) and other professional with 50,558 persons (share: 14.1%).

Exhibit 6: Number of Persons Engaged for Professional Services by Activity, 2015 and 2022

Activities	2015	2022		
	(persons)	(persons)		
 Architectural	25,829	29,532	8.3%	1.9%
 Engineering	58,035	64,689	18.0%	1.6%
 Land & quantity surveying	10,107	11,630	3.2%	2.0%
 Accounting	35,716	41,272	11.5%	2.1%
 Legal	47,991	55,771	15.5%	2.2%
 Advertising	30,150	35,257	9.8%	2.3%
 Management consultancy and market research	42,683	49,031	13.6%	2.0%
 Veterinary	1,447	1,790	0.5%	3.1%
 Scientific research & development and technical testing & analysis	17,697	19,875	5.5%	1.7%
 Other professional	44,637	50,558	14.1%	1.8%
Total	314,292	359,405	100.0%	1.9%

Notes:



% Share 2022

CAGR 2022/2015

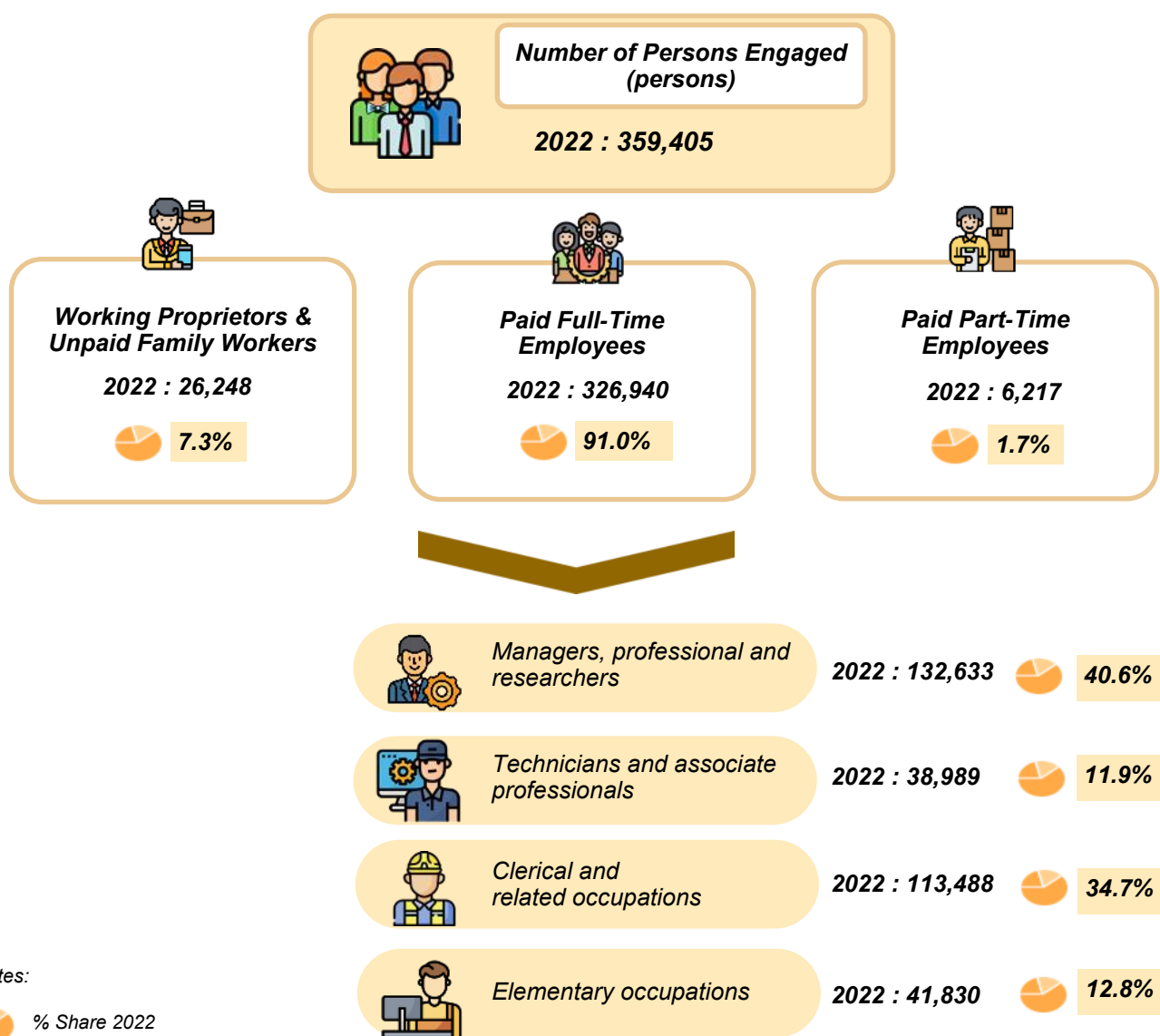
SUMMARY OF FINDINGS

7.1 NUMBER OF PERSONS ENGAGED BY CATEGORY OF WORKERS

Exhibit 7 shows the number of persons engaged in Professional Services by category of workers in 2022. The number of persons engaged in Professional Services is 359,405 persons, which 326,940 persons or 91.0 per cent are paid full-time employees. A total of 26,248 persons (share: 7.3%) are working proprietors & unpaid family workers, while paid part-time employees are 6,217 persons (share: 1.7%).

For paid full-time employees, managers, professionals and researchers recorded the highest number of persons engaged at 132,633 with a contribution of 40.6 per cent. This was followed by clerical and related occupations (113,488 persons; contribution: 34.7%), elementary occupations (41,830 persons; share: 12.8%) and technicians and associate professional (38,989 persons; share: 11.9%).

Exhibit 7: Number of Persons Engaged for Professional Services by Category of Workers, 2022



SUMMARY OF FINDINGS

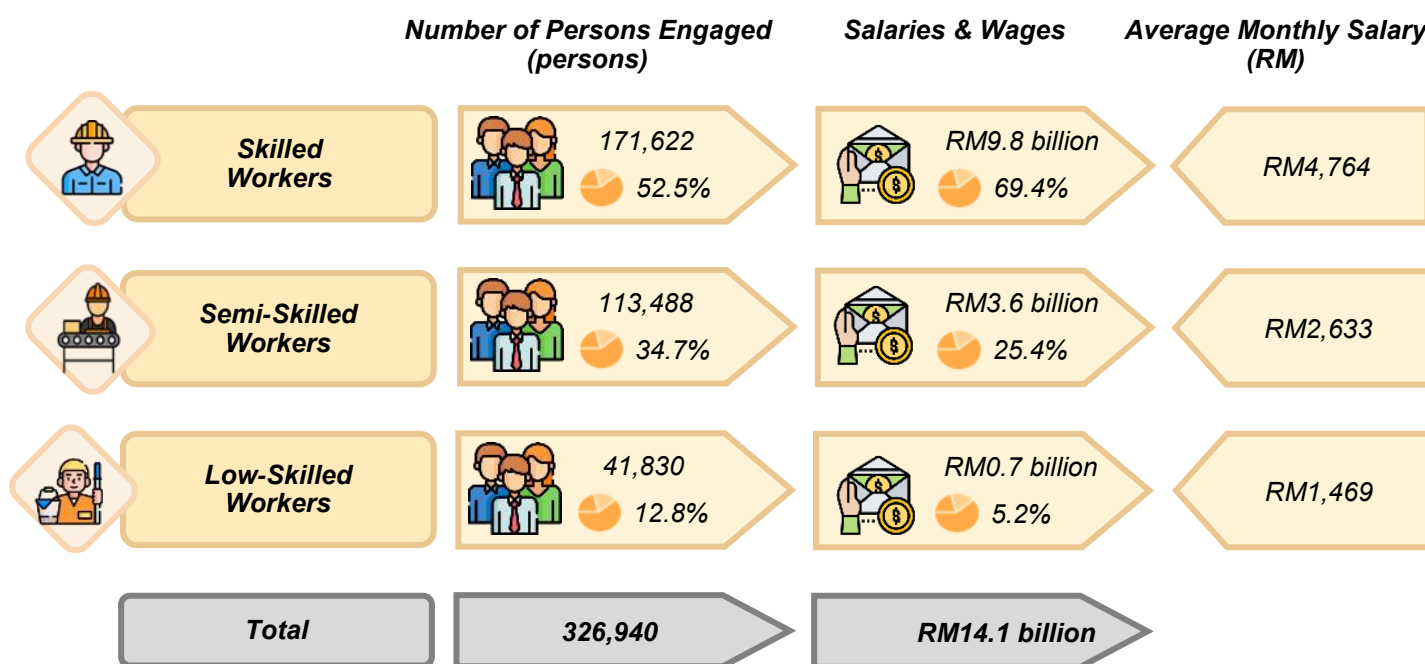


7.2 NUMBER OF PERSONS ENGAGED BY CATEGORY OF SKILLS

In terms of skill levels, skilled workers recorded the highest number of persons engaged with 171,622 persons (share: 52.5%), followed by semi-skilled workers (113,488 persons; share: 34.7%) and low-skilled workers (41,830 persons; share: 12.8%). Salaries & wages for skilled workers registered 69.4 per cent share, amounting to RM9.8 billion in 2022. Subsequently, semi-skilled and low-skilled workers received a total payout of RM3.6 billion (share: 25.4%) and RM0.7 billion (share: 5.2%), respectively.

Skilled workers commanded an average monthly salary of RM4,764. Semi-skilled workers had an average income of RM2,633, while low-skilled workers earned RM1,469, as shown in **Exhibit 8**.

Exhibit 8: Number of Persons Engaged, Salaries & Wages and Average Monthly Salary for Professional Services by Category of Skills, 2022



Notes:  % Share 2022

SUMMARY OF FINDINGS

7.3 NUMBER OF PERSONS ENGAGED BY HIGHEST CERTIFICATE OBTAINED

In 2022, number of persons engaged with Bachelor/Advanced Diploma or equivalent comprised the majority in Professional Services, totalling 118,669 persons or 33.0 per cent of the total number of persons engaged. This was followed by Diploma holders 82,890 persons (share: 23.1%), and SPM/SPM (V) or equivalent 73,266 persons (share: 20.4%). The remaining number of persons engaged with other highest certificate obtained are as presented in **Exhibit 9**.

**Exhibit 9: Number of Persons Engaged for Professional Services
by Highest Certificate Obtained and Sex, 2022**

Highest Certificate Obtained	Total (persons)	Number of Persons Engaged (persons)	
		Male	Female
 Postgraduate	15,763  4.4%	7,991  4.0%	7,772  4.8%
 Bachelor/Advanced Diploma or equivalent	118,669  33.0%	70,018  35.4%	48,651  30.1%
 Diploma	82,890  23.1%	41,474  20.9%	41,416  25.7%
 SPTM or equivalent	24,635  6.9%	13,637  6.9%	10,998  6.8%
 Certificate	33,899  9.4%	23,136  11.7%	10,763  6.7%
 SPM/SPM (V) or equivalent	73,266  20.4%	35,133  17.7%	38,133  23.6%
 Below SPM/SPM (V) or equivalent	10,283  2.9%	6,591  3.3%	3,692  2.3%
Total	359,405  100.0%	197,980  55.1%	161,425  44.9%

Notes:  % Share 2022

SUMMARY OF FINDINGS



8. SALARIES & WAGES

Salaries & wages in Professional Services amounted to RM14.2 billion, with an annual growth rate of 5.0 per cent. Engineering activities recorded the highest salaries & wages, totaling RM2.7 billion, or 19.1 per cent share. This was followed by legal activities RM1.9 billion (share: 13.5%) and other professional with RM1.9 billion (share: 13.3%) as shown in **Exhibit 10**.

On average, persons engaged in Professional Services earned RM3,556 per month. The highest average monthly salaries and wages was in scientific research & development and technical testing & analysis with (RM4,947) followed by accounting (RM4,079) and engineering (RM3,619).

Exhibit 10: Salaries & Wages and Average Monthly Salary for Professional Services by Activity, 2015 and 2022

Activities	2015	2022			Average Monthly Salary (RM)
	RM billion				
 Architectural	0.8	1.0	7.1%	4.3%	3,124
 Engineering	1.8	2.7	19.1%	6.3%	3,619
 Land & quantity surveying	0.3	0.4	2.6%	5.5%	2,847
 Accounting	1.3	1.8	13.0%	5.7%	4,079
 Legal	1.2	1.9	13.5%	6.5%	3,594
 Advertising	1.1	1.3	9.4%	2.5%	3,253
 Management consultancy and market research	1.5	1.9	13.3%	3.4%	3,352
 Veterinary	0.04	0.1	0.4%	4.2%	2,725
 Scientific research & development and technical testing & analysis	0.8	1.2	8.3%	5.7%	4,947
 Other professional	1.3	1.9	13.3%	4.9%	3,305
Total	10.1	14.2	100.0%	5.0%	3,556

Notes:



% Share 2022



CAGR 2022/2015

SUMMARY OF FINDINGS

9. VALUE OF FIXED ASSETS

Between 2015 to 2022, the value of fixed assets for Professional Services expanded from RM12.5 billion to RM16.2 billion, with an annual growth rate of 3.8 per cent (**Exhibit 11**).

Other professional activities was the largest contributor, with a value of RM4.5 billion (share: 27.7%) in 2022. The second largest contributor was scientific research & development and technical testing & analysis, with a value of RM2.9 billion (share: 17.9%), followed by engineering with a value of RM2.6 billion (share: 15.8%).

Exhibit 11: Value of Fixed Assets for Professional Services by Activity, 2015 and 2022

Activities	2015	2022		
	RM billion	RM billion		
 Architectural	0.8	0.9	5.7%	1.7%
 Engineering	2.1	2.6	15.8%	2.7%
 Land & quantity surveying	0.4	0.4	2.7%	2.5%
 Accounting	0.9	1.1	6.9%	2.4%
 Legal	0.6	0.6	3.9%	2.0%
 Advertising	1.2	1.6	9.7%	3.6%
 Management consultancy and market research	1.0	1.5	9.2%	6.3%
 Veterinary	0.1	0.1	0.5%	3.2%
 Scientific research & development and technical testing & analysis	2.1	2.9	17.9%	4.7%
 Other professional	3.3	4.5	27.7%	4.5%
Total	12.5	16.2	100.0%	3.8%

Notes:



% Share 2022



CAGR 2022/2015



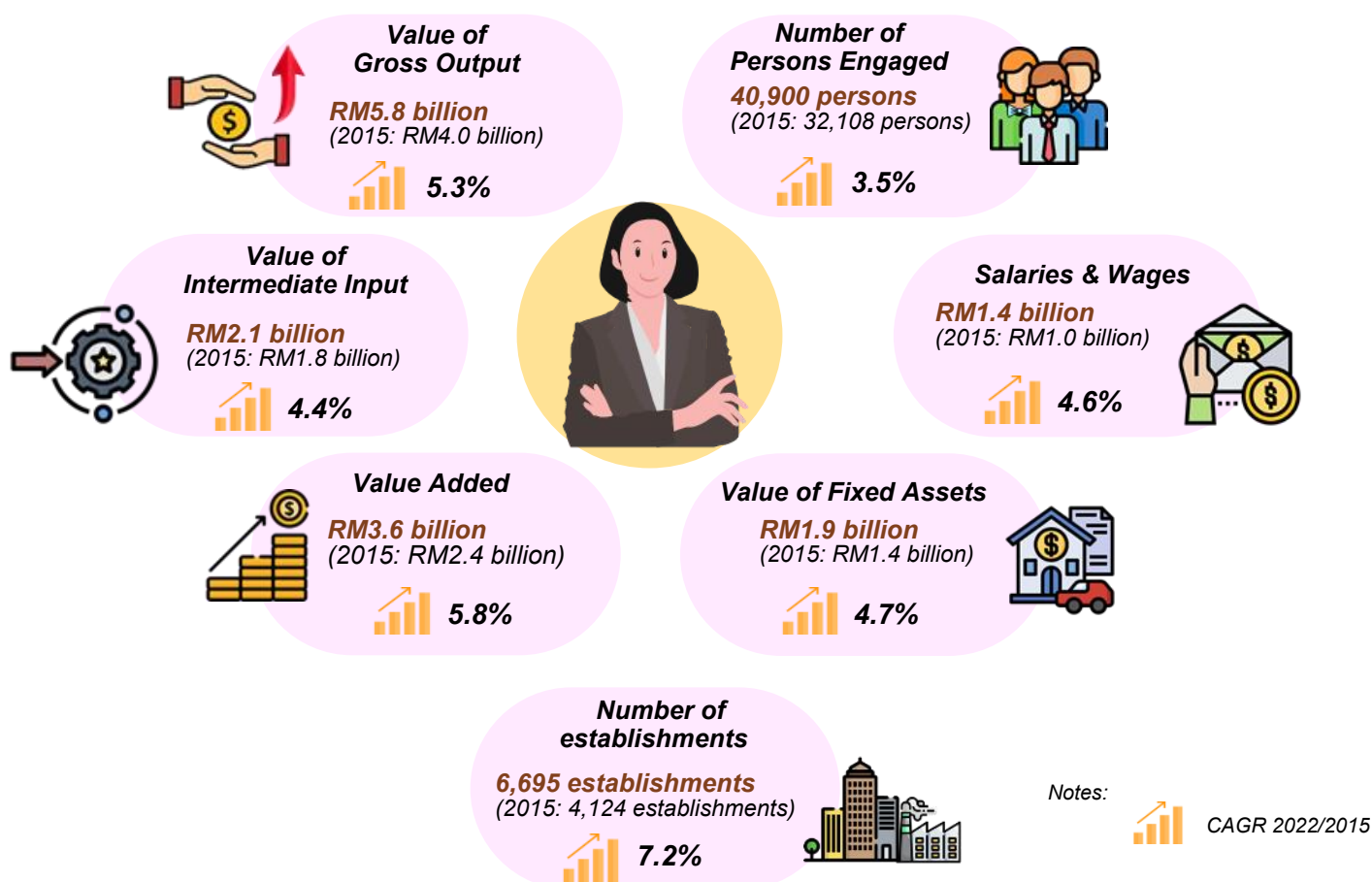
10. WOMEN-OWNED ESTABLISHMENTS

In 2022, there were 6,695 women-owned establishments in Professional Services compared to 4,124 establishments in 2015, with annual growth rate of 7.2 per cent (**Exhibit 12**). This accounted for 11.9 per cent of the total establishments in this services.

These women-owned establishments reached a gross output value of RM5.8 billion in 2022 (2015: RM4.0 billion; CAGR: 5.3%), while value of intermediate input recorded RM2.1 billion (2015: RM1.8 billion; CAGR: 4.4%). The total value added generated by women-owned establishments was RM3.6 billion (2015: RM2.4 billion; CAGR: 5.8%).

Besides, number of persons engaged for women-owned establishments recorded 40,900 persons in 2022, as compared to 32,108 persons in 2015 (CAGR: 3.5%), with salaries & wages RM1.4 billion (2015: RM1.0 billion; CAGR: 4.6%). The value of fixed asset for women-owned establishments was RM1.9 billion (2015: RM1.4 billion; CAGR: 4.7%).

Exhibit 12: Main Statistics of Women-owned Establishments for Professional Services, 2015 and 2022





SUMMARY OF FINDINGS

11. PERFORMANCE BY STATE

Professional Services recorded a total of 56,164 establishments operating in 2022 (**Exhibit 13**). Performance by state shows that Selangor ranked first, with 22,350 establishments (share: 39.8%), followed by W.P. Kuala Lumpur with 11,535 establishments (share: 20.5%) and Johor with 5,777 establishments (share: 10.3%).

For value of gross output, W.P. Kuala Lumpur recorded the highest value at RM25.7 billion, accounting for 42.8 per cent share, followed by Selangor (RM21.1 billion; share: 35.1%) and Pulau Pinang (RM3.0 billion; share: 4.9%) in 2022. The highest intermediate input value also recorded by W.P. Kuala Lumpur, RM10.1 billion with a share of 43.2 per cent. This was followed by Selangor with RM8.6 billion (share: 36.8%).

In line with the gross output performance, W.P. Kuala Lumpur recorded the highest value added at RM15.6 billion (share: 42.5%), followed by Selangor (RM12.5 billion; share: 34.1%) and Pulau Pinang (RM1.9 billion; share 5.1%).

W.P. Kuala Lumpur recorded the highest number of persons engaged in Professional Services totaling 125,474 persons with a share of 34.9 per cent. This was followed by Selangor (120,125 persons; share 33.4%), and Johor (26,242 persons; share: 7.3%)

Salaries & wages in Professional Services was RM14.2 billion in 2022. Three states that registered the highest value in salaries & wages were W.P. Kuala Lumpur with RM5.5 billion, representing a 38.9 per cent share, followed by Selangor (RM5.1 billion; share: 36.1%) and Johor (RM0.9 billion; share: 6.3%).

Selangor recorded the highest value of fixed assets with RM6.3 billion, with 39.1 per cent share. This was followed by W.P. Kuala Lumpur (RM5.8 billion; share: 36.0%) and Johor (RM1.6 billion; share: 9.6%).

SUMMARY OF FINDINGS

Exhibit 13: Main Statistics of Professional Services by State, 2022

State	 Number of Establishments	 Value of Gross Output (RM billion)	 Value of Intermediate Input (RM billion)	 Value Added (RM billion)	 Number of Persons Engaged (persons)	 Salaries & Wages (RM billion)	 Value of Fixed Assets (RM billion)
 Johor	5,777 10.3%	2.8 4.7%	1.1 4.6%	1.8 4.8%	26,242 7.3%	0.9 6.3%	1.6 9.6%
 Kedah	1,136 2.0%	0.6 1.0%	0.2 0.8%	0.4 1.1%	5,676 1.6%	0.2 1.1%	0.3 1.8%
 Kelantan	574 1.0%	0.3 0.4%	0.1 0.4%	0.2 0.5%	3,128 0.9%	0.1 0.5%	0.04 0.2%
 Melaka	1,331 2.4%	0.6 1.0%	0.2 0.7%	0.4 1.2%	6,178 1.7%	0.2 1.2%	0.1 0.8%
 Negeri Sembilan	1,631 2.9%	0.6 0.9%	0.2 0.9%	0.3 1.0%	6,025 1.7%	0.2 1.1%	0.2 1.0%
 Pahang	704 1.3%	0.4 0.7%	0.1 0.5%	0.3 0.7%	4,449 1.2%	0.1 0.9%	0.1 0.6%
 Pulau Pinang	4,658 8.3%	3.0 4.9%	1.1 4.6%	1.9 5.1%	20,532 5.7%	0.6 4.5%	0.7 4.5%
 Perak	2,137 3.8%	0.9 1.5%	0.3 1.3%	0.6 1.7%	9,628 2.7%	0.3 1.8%	0.2 1.1%
 Perlis	112 0.2%	0.1 0.1%	0.02 0.1%	0.04 0.1%	631 0.2%	0.01 0.1%	0.01 0.1%
 Selangor	22,350 39.8%	21.1 35.1%	8.6 36.8%	12.5 34.1%	120,125 33.4%	5.1 36.1%	6.3 39.1%
 Terengganu	646 1.2%	0.5 0.8%	0.2 0.9%	0.3 0.7%	3,868 1.1%	0.1 0.8%	0.1 0.5%
 Sabah	1,393 2.5%	1.4 2.4%	0.5 2.1%	0.9 2.5%	10,710 3.0%	0.4 2.6%	0.3 1.8%
 Sarawak	2,054 3.7%	2.1 3.4%	0.7 2.9%	1.4 3.7%	15,788 4.4%	0.5 3.8%	0.4 2.8%
 W.P. Kuala Lumpur	11,535 20.5%	25.7 42.8%	10.1 43.2%	15.6 42.5%	125,474 34.9%	5.5 38.9%	5.8 36.0%
 W.P. Labuan	67 0.1%	0.05 0.1%	0.02 0.1%	0.03 0.1%	351 0.1%	0.01 0.1%	0.02 0.1%
 W.P. Putrajaya	59 0.1%	0.04 0.1%	0.01 0.05%	0.03 0.1%	600 0.2%	0.02 0.1%	0.01 **%
 MALAYSIA	56,164 (100.0%)	60.0 (100.0%)	23.4 (100.0%)	36.6 (100.0%)	359,405 (100.0%)	14.2 (100.0%)	16.2 (100.0%)

Notes % Share 2022
**% : less than 0.01%

Bahagian | *Part*

3

Jadual Statistik
Statistical Tables

Jadual 1.1: Statistik Utama Perkhidmatan Profesional, 2010, 2015 dan 2022
Table 1.1: Principal Statistics of Professional Services, 2010, 2015 and 2022

Tahun Year	Bilangan pertubuhan Number of establishments	Nilai output kasar Value of gross output (RM '000)	Nilai input perantaraan Value of intermediate input (RM '000)	Nilai ditambah Value added (RM '000)	Bilangan pekerja Number of persons engaged	Gaji & upah Salaries & wages (RM '000)	Nilai harta tetap Value of fixed assets (RM '000)
2022	56,164	60,001,165	23,412,790	36,588,375	359,405	14,218,132	16,213,224
2015	34,045	40,452,277	16,106,485	24,345,792	314,292	10,073,211	12,472,313
2010	19,215	20,876,124	9,066,479	11,809,645	165,062	4,443,255	5,406,354

Jadual 1.2: Statistik Utama Perkhidmatan Profesional mengikut Aktiviti, 2022

Table 1.2: Principal Statistics of Professional Services by Activity, 2022

Aktiviti <i>Activity</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	56,164	60,001,165	23,412,790	36,588,375	359,405	14,218,132	16,213,224
Arkitek <i>Architectural</i>	4,212	4,089,812	1,493,062	2,596,750	29,532	1,017,365	926,776
Kejuruteraan <i>Engineering</i>	8,113	13,927,934	5,723,039	8,204,894	64,689	2,720,609	2,555,384
Juru ukur tanah & bahan <i>Land & quantity surveying</i>	1,297	1,585,957	642,763	943,194	11,630	365,662	433,484
Perakaunan <i>Accounting</i>	5,061	7,773,693	2,644,934	5,128,758	41,272	1,844,018	1,117,845
Guaman <i>Legal</i>	6,636	7,705,847	2,109,834	5,596,013	55,771	1,921,992	638,231
Pengiklanan <i>Advertising</i>	4,226	6,744,782	4,336,831	2,407,950	35,257	1,341,290	1,570,679
Pakar runding pengurusan dan penyelidikan pasaran <i>Management consultancy and market research</i>	14,785	5,219,458	1,664,173	3,555,285	49,031	1,890,876	1,497,619
Veterinar <i>Veterinary</i>	401	219,698	117,556	102,143	1,790	51,666	75,470
Penyelidikan & pembangunan saintifik dan ujian teknikal & analisis <i>Scientific research & development and technical testing & analysis</i>	2,083	5,292,326	1,692,494	3,599,832	19,875	1,173,023	2,910,245
Profesional lain <i>Other professional</i>	9,350	7,441,659	2,988,103	4,453,556	50,558	1,891,631	4,487,492

Jadual 1.3: Statistik Utama Perkhidmatan Profesional mengikut Negeri, 2022

Table 1.3: Principal Statistics of Professional Services by State, 2022

Negeri State	Bilangan pertubuhan Number of establishments	Nilai output kasar Value of gross output	Nilai input perantaraan Value of intermediate input	Nilai ditambah Value added	Bilangan pekerja Number of persons engaged	Gaji & upah Salaries & wages	Nilai harta tetap Value of fixed assets
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah Total	56,164	60,001,165	23,412,790	36,588,375	359,405	14,218,132	16,213,224
Johor	5,777	2,835,994	1,071,687	1,764,307	26,242	893,380	1,552,185
Kedah	1,136	607,141	189,836	417,305	5,676	159,448	296,938
Kelantan	574	264,551	94,397	170,154	3,128	72,090	36,862
Melaka	1,331	590,808	157,605	433,203	6,178	168,298	134,441
Negeri Sembilan	1,631	568,143	219,252	348,891	6,025	162,882	157,186
Pahang	704	391,547	127,896	263,650	4,449	123,495	90,480
Pulau Pinang	4,658	2,962,912	1,085,921	1,876,991	20,532	642,166	732,319
Perak	2,137	919,954	305,150	614,803	9,628	260,946	182,816
Perlis	112	56,243	17,146	39,097	631	13,065	10,472
Selangor	22,350	21,079,822	8,605,096	12,474,726	120,125	5,136,791	6,338,140
Terengganu	646	479,136	211,850	267,287	3,868	115,351	80,889
Sabah	1,393	1,413,768	483,922	929,846	10,710	365,004	299,123
Sarawak	2,054	2,056,093	689,356	1,366,737	15,788	544,229	446,031
W.P. Kuala Lumpur	11,535	25,682,692	10,124,475	15,558,218	125,474	5,534,286	5,832,190
W.P. Labuan	67	49,642	18,529	31,113	351	10,260	17,572
W.P. Putrajaya	59	42,719	10,672	32,047	600	16,443	5,580

Jadual 1.4: Statistik Utama Perkhidmatan Profesional mengikut Taraf Sah, 2022

Table 1.4: Principal Statistics of Professional Services by Legal Status, 2022

Taraf sah <i>Legal status</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	56,164	60,001,165	23,412,790	36,588,375	359,405	14,218,132	16,213,224
Hak milik perseorangan <i>Individual proprietorship</i>	12,000	5,799,267	1,967,663	3,831,603	54,274	1,409,928	949,798
Perkongsian <i>Partnership</i>	7,250	7,309,497	2,155,890	5,153,607	56,366	1,796,652	752,449
Perkongsian liabiliti terhad <i>Limited liabilities partnership</i>	547	228,526	77,080	151,446	1,747	55,791	48,721
Syarikat sendirian berhad <i>Private limited company</i>	36,224	44,786,793	18,540,405	26,246,388	240,430	10,550,334	13,452,250
Syarikat awam berhad <i>Public limited company</i>	96	1,727,173	617,876	1,109,297	5,872	373,786	916,061
Koperasi <i>Co-operative</i>	7	4,694	2,324	2,370	41	962	617
Perbadanan awam <i>Public corporation</i>	29	30,570	10,893	19,677	238	8,813	19,518
Pertubuhan persendirian yang tidak mencari keuntungan <i>Private non-profit making organisation</i>	11	114,646	40,658	73,988	437	21,866	73,811

Jadual 1.5: Statistik Utama Perkhidmatan Profesional mengikut Hak Milik, 2022

Table 1.5: Principal Statistics of Professional Services by Ownership, 2022

Hak milik Ownership	Bilangan pertubuhan Number of establishments	Nilai output kasar Value of gross output (RM '000)	Nilai input perantaraan Value of intermediate input (RM '000)	Nilai ditambah Value added (RM '000)	Bilangan pekerja Number of persons engaged	Gaji & upah Salaries & wages (RM '000)	Nilai harta tetap Value of fixed assets (RM '000)
Jumlah <i>Total</i>	56,164	60,001,165	23,412,790	36,588,375	359,405	14,218,132	16,213,224
Residen Malaysia <i>Malaysian residents</i>	56,019	58,129,764	22,569,906	35,559,858	354,110	13,856,256	15,457,033
Bukan residen Malaysia <i>Non-Malaysian residents</i>	116	1,808,278	806,238	1,002,040	5,099	350,876	741,589
Hak milik bersama <i>Joint ownership</i>	29	63,123	36,646	26,477	196	11,000	14,602

Jadual 1.6: Bilangan Pekerja bagi Perkhidmatan Profesional mengikut Aktiviti, 2022
Table 1.6: Number of Persons Engaged for Professional Services by Activity, 2022

Aktiviti <i>Activity</i>	Bilangan pertubuhan <i>Number of establishments</i>	Bilangan pekerja <i>Number of persons engaged</i>			
		Jumlah <i>Total</i>	Pemilik yang bekerja & rakan niaga yang aktif dan pekerja keluarga tanpa gaji <i>Working proprietor & active business partners and unpaid family worker</i>	Pekerja bergaji (sepenuh masa) <i>Paid employees (full-time)</i>	Pekerja bergaji (sambilan) <i>Paid employees (part-time)</i>
Jumlah <i>Total</i>	56,164	359,405	26,248	326,940	6,217
Arkitek <i>Architectural</i>	4,212	29,532	2,391	26,778	363
Kejuruteraan <i>Engineering</i>	8,113	64,689	2,035	62,063	591
Juru ukur tanah & bahan <i>Land & quantity surveying</i>	1,297	11,630	925	10,375	330
Perakaunan <i>Accounting</i>	5,061	41,272	3,598	36,700	974
Guaman <i>Legal</i>	6,636	55,771	11,201	43,140	1,430
Pengiklanan <i>Advertising</i>	4,226	35,257	892	33,536	829
Pakar runding pengurusan dan penyelidikan pasaran <i>Management consultancy and market research</i>	14,785	49,031	2,019	46,348	664
Veterinar <i>Veterinary</i>	401	1,790	210	1,508	72
Penyelidikan & pembangunan saintifik dan ujian teknikal & analisis <i>Scientific research & development and technical testing & analysis</i>	2,083	19,875	117	19,545	213
Profesional lain <i>Other professional</i>	9,350	50,558	2,860	46,947	751

Jadual 1.7: Bilangan Pekerja dan Gaji & Upah bagi Perkhidmatan Profesional mengikut Kategori Pekerja dan Jantina, 2022
Table 1.7: Number of Persons Engaged and Salaries & Wages for Professional Services by Category of Workers and Sex, 2022

Kategori pekerja Category of worker	Bilangan pekerja Number of persons engaged			Gaji & upah Salaries & wages (RM '000)
	Jumlah Total	Lelaki Male	Perempuan Female	
Jumlah <i>Total</i>	359,405	197,980	161,425	14,218,132
Jumlah pemilik yang bekerja & rakan niaga yang aktif dan pekerja keluarga tanpa gaji <i>Total working proprietor & active business partners and unpaid family workers</i>	26,248	22,000	4,248	-
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietor and active business partners</i>	22,738	19,100	3,638	-
Pekerja keluarga tanpa gaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap) <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i>	3,510	2,900	610	-
Jumlah pekerja bergaji (sepenuh masa) <i>Total paid employees (full-time)</i>	326,940	172,268	154,672	14,134,050
Pengurus <i>Managers</i>	51,494	34,553	16,941	3,433,333
Profesional <i>Professionals</i>	81,139	42,735	38,404	4,668,114
Profesional (kecuali Penyelidik) <i>Professionals (except Researcher)</i>	75,708	39,774	35,934	4,320,010
Penyelidik <i>Researcher</i>	5,431	2,961	2,470	348,104
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	38,989	28,722	10,267	1,709,445
Pekerja sokongan perkeranian <i>Clerical support workers</i>	68,942	16,216	52,726	2,276,401
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	27,754	14,892	12,862	844,582
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	13,062	8,896	4,166	374,600
Operator mesin, loji dan pemasang <i>Plant and machine operators, and assemblers</i>	3,730	2,580	1,150	90,137
Pekerjaan asas <i>Elementary occupations</i>	41,830	23,674	18,156	737,439
Pekerja bergaji (sambilan) <i>Paid employees (part-time)</i>	6,217	3,712	2,505	84,082

Jadual 1.8: Bilangan Pekerja bagi Perkhidmatan Profesional mengikut Kategori Pekerja dan Kewarganegaraan, 2022

Table 1.8: Number of Persons Engaged for Professional Services by Category of Workers and Citizenship, 2022

Kategori pekerja <i>Category of worker</i>	Bilangan pekerja <i>Number of persons engaged</i>		
	Jumlah <i>Total</i>	Warganegara <i>Citizen</i>	Bukan Warganegara <i>Non-citizen</i>
Jumlah <i>Total</i>	359,405	353,707	5,698
Jumlah pemilik yang bekerja & rakan niaga yang aktif dan pekerja keluarga tanpa gaji <i>Total working proprietor & active business partners and unpaid family workers</i>	26,248	26,245	3
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietor and active business partners</i>	22,738	22,736	2
Pekerja keluarga tanpa gaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap) <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i>	3,510	3,509	1
Jumlah pekerja bergaji (sepenuh masa) <i>Total paid employees (full-time)</i>	326,940	321,277	5,663
Pengurus <i>Managers</i>	51,494	51,171	323
Profesional <i>Professionals</i>	81,139	79,835	1,304
Profesional (kecuali Penyelidik) <i>Professionals (except Researcher)</i>	75,708	74,458	1,250
Penyelidik <i>Researcher</i>	5,431	5,377	54
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	38,989	38,017	972
Pekerja sokongan perkeranian <i>Clerical support workers</i>	68,942	68,412	530
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	27,754	27,308	446
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	13,062	12,696	366
Operator mesin, loji dan pemasang <i>Plant and machine operators, and assemblers</i>	3,730	3,377	353
Pekerjaan asas <i>Elementary occupations</i>	41,830	40,461	1,369
Pekerja bergaji (sambilan) <i>Paid employees (part-time)</i>	6,217	6,185	32

Jadual 1.9: Bilangan Pekerja Bergaji Sepenuh Masa bagi Perkhidmatan Profesional mengikut Aktiviti dan Kategori Kemahiran, 2022
Table 1.9: Number of Paid Full-Time Employees for Professional Services by Activity and Category of Skills, 2022

Aktiviti Activity	Mahir/High-Skilled*		Separuh Mahir/Semi-Skilled**		Berkemahiran Rendah/Low-Skilled***	
	Bilangan pekerja Number of persons engaged	Gaji & upah Salaries & wages	Bilangan pekerja Number of persons engaged	Gaji & upah Salaries & wages	Bilangan pekerja Number of persons engaged	Gaji & upah Salaries & wages
		(RM '000)		(RM '000)		(RM '000)
Jumlah Total	171,622	9,810,892	113,488	3,585,719	41,830	737,439
Arkitek Architectural	14,942	702,980	8,345	254,162	3,491	55,213
Kejuruteraan Engineering	32,984	1,858,407	20,076	689,389	9,003	164,281
Juru ukur tanah & bahan Land & quantity surveying	5,081	236,340	3,960	104,897	1,334	20,383
Perakaunan Accounting	18,294	1,201,850	13,829	546,407	4,577	84,042
Guaman Legal	21,046	1,323,741	16,148	476,112	5,946	102,516
Pengiklanan Advertising	16,816	950,722	12,580	306,937	4,140	72,219
Pakar runding pengurusan dan penyelidikan pasaran Management consultancy and market research	26,819	1,396,420	14,896	393,658	4,633	91,012
Veterinar Veterinary	744	34,717	551	12,978	213	3,074
Penyelidikan & pembangunan saintifik dan ujian teknikal & analisis Scientific research & development and technical testing & analysis	12,117	912,366	5,605	223,799	1,823	33,652
Profesional lain Other professional	22,779	1,193,350	17,498	577,378	6,670	111,048

* Termasuk pengurus, 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 & assemblers

*** Termasuk pekerja asas
Includes elementary occupations

Jadual 1.10: Bilangan Pekerja bagi Perkhidmatan Profesional mengikut Sijil Tertinggi Diperoleh dan Jantina, 2022
Table 1.10: Number of Persons Engaged for Professional Services by Highest Certificate Obtained and Sex, 2022

Sijil Tertinggi Diperoleh <i>Highest Certificate Obtained</i>	Bilangan pekerja <i>Number of persons engaged</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Jumlah <i>Total</i>	359,405	197,980	161,425
Pascasiswazah <i>Postgraduate</i>	15,763	7,991	7,772
Ijazah sarjana muda/ Diploma lanjutan atau yang setaraf <i>Bachelor/ Advanced diploma or equivalent</i>	118,669	70,018	48,651
Diploma <i>Diploma</i>	82,890	41,474	41,416
STPM atau yang setaraf <i>STPM or equivalent</i>	24,635	13,637	10,998
Sijil <i>Certificate</i>	33,899	23,136	10,763
SPM/ SPM (V) atau yang setaraf <i>SPM/ SPM (V) or equivalent</i>	73,266	35,133	38,133
Di bawah taraf kelulusan SPM/ SPM (V) <i>Below SPM/ SPM (V) qualification</i>	10,283	6,591	3,692

Jadual 1.11: Bilangan Pekerja bagi Perkhidmatan Profesional mengikut Aktiviti dan Sijil Tertinggi Diperoleh, 2022
Table 1.11: Number of Persons Engaged for Professional Services by Activity and Highest Certificate Obtained, 2022

Aktiviti <i>Activity</i>	Pascasiswazah <i>Postgraduate</i>	Ijazah sarjana muda/ Diploma lanjutan atau yang setaraf <i>Bachelor/ Advanced diploma or equivalent</i>	Diploma <i>Diploma</i>	STPM atau yang setaraf <i>STPM or equivalent</i>	Sijil <i>Certificate</i>	SPM/SPM (V) atau yang setaraf <i>SPM/SPM (V) or equivalent</i>	Di bawah taraf kelulusan SPM/ SPM (V) <i>Below SPM/SPM (V) qualification</i>
Jumlah <i>Total</i>	15,763	118,669	82,890	24,635	33,899	73,266	10,283
Arkitek <i>Architectural</i>	1,394	11,516	7,278	1,543	2,767	4,578	456
Kejuruteraan <i>Engineering</i>	2,825	24,103	13,997	3,152	7,935	10,259	2,418
Juru ukur tanah & bahan <i>Land & quantity surveying</i>	410	4,012	3,005	592	941	2,072	598
Perakaunan <i>Accounting</i>	1,380	15,891	10,786	2,977	3,033	6,709	496
Guaman <i>Legal</i>	4,486	17,408	8,720	4,955	3,861	15,274	1,067
Pengiklanan <i>Advertising</i>	1,188	8,746	7,714	2,377	3,207	10,619	1,406
Pakar runding pengurusan dan penyelidikan pasaran <i>Management consultancy and market research</i>	1,519	15,839	13,566	3,913	4,094	8,567	1,533
Veterinar <i>Veterinary</i>	103	526	343	124	101	519	74
Penyelidikan & pembangunan saintifik dan ujian teknikal & analisis <i>Scientific research & development and technical testing & analysis</i>	1,150	7,535	4,496	984	1,684	3,642	384
Profesional lain <i>Other professional</i>	1,308	13,093	12,985	4,018	6,276	11,027	1,851

Jadual 1.12: Nilai Harta Tetap bagi Perkhidmatan Profesional mengikut Aktiviti, 2022

Table 1.12: Value of Fixed Assets for Professional Services by Activity, 2022

Aktiviti <i>Activity</i>	Nilai buku bersih seperti pada 01.01.2022 <i>Net book value as at 01.01.2022</i>	Perbelanjaan modal <i>Capital expenditure</i>	Pelupusan <i>Disposal</i>	Susut nilai semasa <i>Current depreciation</i>	Nilai buku bersih seperti pada 31.12.2022 <i>Net book value as at 31.12.2022</i>	Sewa yang dibayar dalam tahun 2022 <i>Rent paid during 2022</i>
	(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)
Jumlah <i>Total</i>	17,742,094	1,475,204	77,652	2,947,362	16,213,224	1,950,996
Arkitek <i>Architectural</i>	902,420	150,886	32,254	100,052	926,776	104,181
Kejuruteraan <i>Engineering</i>	3,327,059	736,934	9,678	1,500,016	2,555,384	504,864
Juru ukur tanah & bahan <i>Land & quantity surveying</i>	458,679	23,754	30	49,059	433,484	35,826
Perakaunan <i>Accounting</i>	1,202,388	26,076	545	110,831	1,117,845	274,859
Guaman <i>Legal</i>	695,328	24,189	5,843	76,048	638,231	295,879
Pengiklanan <i>Advertising</i>	1,478,108	237,423	1,856	144,470	1,570,679	305,049
Pakar runding pengurusan dan penyelidikan pasaran <i>Management consultancy and market research</i>	1,600,584	52,551	2,535	156,808	1,497,619	137,268
Veterinar <i>Veterinary</i>	84,024	581	8	9,165	75,470	9,712
Penyelidikan & pembangunan saintifik dan ujian teknikal & analisis <i>Scientific research & development and technical testing & analysis</i>	2,986,693	133,782	23,042	190,861	2,910,245	85,505
Profesional lain <i>Other professional</i>	5,006,812	89,028	1,862	610,053	4,487,492	197,852

Jadual 1.13: Nilai Harta Tetap bagi Perkhidmatan Profesional mengikut Jenis Harta, 2022

Table 1.13: Value of Fixed Assets for Professional Services by Type of Assets, 2022

Jenis harta <i>Type of asset</i>	Nilai buku bersih seperti pada 01.01.2022 <i>Net book value as at 01.01.2022</i>	Perbelanjaan modal <i>Capital expenditure</i>	Pelupusan <i>Disposal</i>	Susut nilai semasa <i>Current depreciation</i>	Nilai buku bersih seperti pada 31.12.2022 <i>Net book value as at 31.12.2022</i>	Sewa yang dibayar dalam tahun 2022 <i>Rent paid during 2022</i>
	(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)
Jumlah <i>Total</i>	17,742,094	1,475,204	77,652	2,947,362	16,213,224	1,950,996
Tanah <i>Land</i>	255,408	-	767	10,223	251,067	22,377
Bangunan dan binaan lain <i>Buildings and other construction</i>	5,557,374	74,708	33,982	349,702	5,257,068	1,396,022
Pembangunan tanah <i>Land improvement</i>	55,176	7,376	2	2,415	60,135	-
Alat pengangkutan <i>Transport equipment</i>	2,507,566	72,184	9,449	551,159	2,019,965	7,126
Teknologi maklumat dan komunikasi <i>Information and communications technology</i>	1,681,027	77,179	3,106	340,971	1,417,513	237
Jentera dan kelengkapan <i>Machinery and equipment</i>	5,401,492	470,669	16,311	1,219,752	4,637,031	137,741
Perabot dan pemasangan <i>Furniture and fittings</i>	2,105,627	126,872	3,464	449,293	1,779,933	448
Harta lain <i>Other assets</i>	178,425	646,216	10,571	23,848	790,511	387,045

Jadual 1.14: Statistik Utama Pertubuhan Milikan Wanita bagi Perkhidmatan Profesional mengikut Aktiviti, 2022

Table 1.14: Principal Statistics of Women-Owned Establishment for Professional Services by Activity, 2022

Aktiviti Activity	Bilangan pertubuhan Number of establishments	Nilai output kasar Value of gross output	Nilai input perantaraan Value of intermediate input	Nilai ditambah Value added	Bilangan pekerja Number of persons engaged	Gaji & upah Salaries & wages	Nilai harta tetap Value of fixed assets
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	6,695	5,750,792	2,125,048	3,625,744	40,900	1,403,282	1,877,896
Arkitek <i>Architectural</i>	280	216,915	76,052	140,864	1,886	52,400	42,979
Kejuruteraan <i>Engineering</i>	591	1,085,171	445,300	639,871	5,414	201,805	191,834
Juru ukur tanah & bahan <i>Land & quantity surveying</i>	88	178,811	72,912	105,899	1,247	46,583	76,029
Perakaunan <i>Accounting</i>	690	738,627	250,000	488,627	5,097	184,946	313,541
Guaman <i>Legal</i>	1,242	1,362,606	371,131	991,475	10,621	337,736	124,977
Pengiklanan <i>Advertising</i>	440	472,926	298,220	174,707	2,891	99,038	96,492
Pakar runding pengurusan dan penyelidikan pasaran <i>Management consultancy and market research</i>	1,777	541,826	172,150	369,676	5,712	195,615	228,422
Veterinar <i>Veterinary</i>	90	42,123	23,983	18,140	401	9,630	14,633
Penyelidikan & pembangunan saintifik dan ujian teknikal & analisis <i>Scientific research & development and technical testing & analysis</i>	176	442,166	149,732	292,434	1,647	99,056	368,923
Profesional lain <i>Other professional</i>	1,321	669,621	265,570	404,051	5,984	176,473	420,066

Jadual 1.15: Statistik Utama Pertubuhan Milikan Wanita bagi Perkhidmatan Profesional mengikut Negeri , 2022

Table 1.15: Principal Statistics of Women-owned Establishments for Professional Services by State, 2022

Negeri <i>State</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantara <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	6,695	5,750,792	2,125,048	3,625,744	40,900	1,403,282	1,877,896
Johor	646	238,955	90,533	148,422	2,631	74,616	308,356
Kedah	232	98,965	30,512	68,453	1,130	31,585	24,759
Kelantan	108	38,136	11,988	26,148	581	12,062	6,983
Melaka	200	77,616	17,457	60,159	943	23,031	10,734
Negeri Sembilan	210	68,819	24,664	44,156	801	21,918	11,249
Pahang	133	71,815	22,072	49,743	882	23,577	16,526
Pulau Pinang	450	288,201	103,957	184,244	2,262	66,000	92,807
Perak	311	151,162	48,530	102,633	1,618	43,309	21,405
Perlis	33	11,745	3,850	7,895	188	4,010	3,722
Selangor	2,219	1,859,069	730,181	1,128,889	10,920	448,447	783,155
Terengganu	120	77,613	35,664	41,949	727	19,551	11,909
Sabah	152	136,067	44,692	91,374	1,363	40,343	52,667
Sarawak	233	207,247	72,116	135,131	1,855	53,789	29,933
W.P. Kuala Lumpur	1,636	2,400,196	877,155	1,523,041	14,893	537,291	499,209
W.P. Labuan	6	23,736	11,326	12,410	69	3,220	4,334
W.P. Putrajaya	6	1,450	353	1,097	37	533	149

Jadual 2.1: Statistik Utama Aktiviti Arkitek, 2010, 2015 dan 2022
Table 2.1: Principal Statistics of Architectural Activities, 2010, 2015 and 2022

Tahun Year	Bilangan pertubuhan Number of establishments	Nilai output kasar Value of gross output	Nilai input perantaraan Value of intermediate input	Nilai ditambah Value added	Bilangan pekerja Number of persons engaged	Gaji & upah Salaries & wages	Nilai harta tetap Value of fixed assets
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
2022	4,212	4,089,812	1,493,062	2,596,750	29,532	1,017,365	926,776
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	734,693

Jadual 2.2: Statistik Utama Aktiviti Arkitek mengikut Negeri, 2022
Table 2.2: Principal Statistics of Architectural Activities by State, 2022

Negeri <i>State</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	4,212	4,089,812	1,493,062	2,596,750	29,532	1,017,365	926,776
Johor	327	220,457	78,315	142,141	2,004	68,808	46,521
Kedah	78	65,085	25,061	40,023	375	10,131	10,443
Kelantan	44	15,070	5,649	9,421	212	5,349	2,426
Melaka	88	57,457	16,061	41,396	455	13,411	12,898
Negeri Sembilan	85	60,554	26,168	34,386	491	13,867	10,224
Pahang	52	18,656	6,702	11,954	251	6,167	3,501
Pulau Pinang	327	284,556	110,162	174,394	1,622	56,620	48,216
Perak	125	48,123	20,556	27,567	565	13,701	13,662
Perlis	9	6,023	2,490	3,533	50	1,367	532
Selangor	1,584	773,541	285,996	487,545	7,625	232,464	228,331
Terengganu	43	59,480	23,696	35,785	360	11,628	11,466
Sabah	153	165,656	58,970	106,687	973	38,718	34,670
Sarawak	240	305,400	99,899	205,501	1,913	70,290	42,566
W.P. Kuala Lumpur	1,047	1,999,233	729,234	1,270,000	12,539	470,862	458,663
W.P. Labuan	6	2,766	1,297	1,469	43	1,024	2,367
W.P. Putrajaya	4	7,755	2,806	4,949	54	2,959	291

Jadual 2.3: Statistik Utama Aktiviti Arkitek mengikut Taraf Sah, 2022
Table 2.3: Principal Statistics of Architectural Activities by Legal Status, 2022

Taraf sah <i>Legal status</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	4,212	4,089,812	1,493,062	2,596,750	29,532	1,017,365	926,776
Hak milik perseorangan <i>Individual proprietorship</i>	1,480	691,874	249,450	442,424	6,983	164,161	102,100
Perkongsian <i>Partnership</i>	300	162,963	58,287	104,676	1,740	34,495	25,400
Perkongsian liabiliti terhad <i>Limited liabilities partnership</i>	15	2,909	1,005	1,904	35	755	267
Syarikat sendirian berhad <i>Private limited company</i>	2,417	3,232,067	1,184,320	2,047,746	20,774	817,954	799,010
Syarikat awam berhad <i>Public limited company</i>							

Jadual 2.4: Statistik utama Aktiviti Arkitek mengikut Hak Milik, 2022
Table 2.4: Principal Statistics of Architectural Activities by Ownership, 2022

Hak milik <i>Ownership</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	4,212	4,089,812	1,493,062	2,596,750	29,532	1,017,365	926,776
Residen Malaysia <i>Malaysian residents</i>	4,204	4,062,118	1,482,213	2,579,905	29,321	1,010,157	923,983
Bukan residen Malaysia <i>Non-Malaysian residents</i>	8	27,694	10,849	16,845	211	7,208	2,793

Jadual 2.5: Bilangan Pekerja dan Gaji & Upah bagi Aktiviti Arkitek mengikut Kategori Pekerja dan dan Jantina, 2022
Table 2.5: Number of Persons Engaged and Salaries & Wages for Architectural Activities by Category of Workers and Sex, 2022

Kategori pekerja <i>Category of worker</i>	Bilangan pekerja <i>Number of persons engaged</i>			Gaji & upah <i>Salaries & wages</i> (RM '000)
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	
Jumlah <i>Total</i>	29,532	17,426	12,106	1,017,365
Jumlah pemilik yang bekerja & rakan niaga yang aktif dan pekerja keluarga tanpa gaji <i>Total working proprietor & active business partners and unpaid family workers</i>	2,391	2,223	168	-
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietor and active business partners</i>	2,058	1,913	145	-
Pekerja keluarga tanpa gaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap) <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i>	333	310	23	-
Jumlah pekerja bergaji (sepenuh masa) <i>Total paid employees (full-time)</i>	26,778	14,944	11,834	1,012,355
Pengurus <i>Managers</i>	3,642	2,678	964	213,593
Profesional <i>Professionals</i>	6,391	3,439	2,952	296,243
Profesional (kecuali Penyelidik) <i>Professionals (except Researcher)</i>	6,245	3,351	2,894	290,487
Penyelidik <i>Researcher</i>	146	88	58	5,756
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	4,909	3,634	1,275	193,144
Pekerja sokongan perkeranian <i>Clerical support workers</i>	5,095	1,094	4,001	163,643
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	1,690	1,005	685	53,072
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	1,337	1,027	310	32,150
Operator mesin, loji dan pemasang <i>Plant and machine operators, and assemblers</i>	223	139	84	5,297
Pekerjaan asas <i>Elementary occupations</i>	3,491	1,928	1,563	55,213
Pekerja bergaji (sambilan) <i>Paid employees (part-time)</i>	363	259	104	5,011

Jadual 3.1: Statistik Utama Aktiviti Kejuruteraan, 2010, 2015 dan 2022
Table 3.1: Principal Statistics of Engineering Activities, 2010, 2015 and 2022

Tahun Year	Bilangan pertubuhan Number of establishments	Nilai output kasar Value of gross output	Nilai input perantaraan Value of intermediate input	Nilai ditambah Value added	Bilangan pekerja Number of persons engaged	Gaji & upah Salaries & wages	Nilai harta tetap Value of fixed assets
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
2022	8,113	13,927,934	5,723,039	8,204,894	64,689	2,720,609	2,555,384
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	1,735,529

Jadual 3.2: Statistik Utama Aktiviti Kejuruteraan mengikut Negeri, 2022

Table 3.2: Principal Statistics of Engineering Activities by State, 2022

Negeri <i>State</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	8,113	13,927,934	5,723,039	8,204,894	64,689	2,720,609	2,555,384
Johor	828	529,545	225,385	304,160	5,034	178,785	217,302
Kedah	120	94,670	33,348	61,321	612	20,014	13,759
Kelantan	40	57,957	26,666	31,291	296	10,060	2,456
Melaka	170	60,613	17,136	43,477	616	13,822	28,311
Negeri Sembilan	307	102,895	55,057	47,838	1,017	29,835	40,006
Pahang	106	54,056	24,266	29,790	676	21,530	30,541
Pulau Pinang	727	505,664	168,153	337,511	2,998	105,293	102,160
Perak	247	94,566	32,526	62,040	971	29,654	35,336
Perlis	7	5,751	2,515	3,237	41	1,339	1,636
Selangor	3,615	5,886,321	2,509,345	3,376,977	21,835	1,050,358	1,006,300
Terengganu	158	154,114	70,613	83,501	731	26,953	22,857
Sabah	164	441,455	179,163	262,292	1,826	81,662	43,234
Sarawak	264	792,698	290,563	502,135	3,577	170,954	55,661
W.P. Kuala Lumpur	1,340	5,142,781	2,086,345	3,056,436	24,376	978,107	951,234
W.P. Labuan	14	1,956	826	1,129	42	961	2,645
W.P. Putrajaya	6	2,893	1,132	1,761	41	1,282	1,946

Jadual 3.3: Statistik Utama Aktiviti Kejuruteraan mengikut Taraf Sah, 2022

Table 3.3: Principal Statistics of Engineering Activities by Legal Status, 2022

Taraf sah <i>Legal status</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	8,113	13,927,934	5,723,039	8,204,894	64,689	2,720,609	2,555,384
Hak milik perseorangan <i>Individual proprietorship</i>	1,532	507,103	193,918	313,185	5,462	102,042	80,307
Perkongsian <i>Partnership</i>	434	189,777	74,317	115,460	1,943	38,939	28,066
Perkongsian liabiliti terhad <i>Limited liabilities partnership</i>	27	8,322	3,434	4,888	68	1,585	1,495
Syarikat sendirian berhad <i>Private limited company</i>	6,111	13,099,539	5,415,148	7,684,391	56,267	2,561,054	2,429,069
Syarikat awam berhad <i>Public limited company</i>	9	123,193	36,223	86,970	949	16,989	16,446

Jadual 3.4: Statistik Utama Aktiviti Kejuruteraan mengikut Hak Milik, 2022
Table 3.4: Principal Statistics of Engineering Activities by Ownership, 2022

Hak milik <i>Ownership</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	8,113	13,927,934	5,723,039	8,204,894	64,689	2,720,609	2,555,384
Residen Malaysia <i>Malaysian residents</i>	8,104	13,898,105	5,712,756	8,185,349	64,528	2,715,433	2,540,317
Bukan residen Malaysia <i>Non-Malaysian residents</i>	9	29,828	10,283	19,545	161	5,176	15,066
Hak milik bersama <i>Joint ownership</i>							

Jadual 3.5: Bilangan Pekerja dan Gaji & Upah bagi Aktiviti Kejuruteraan mengikut Kategori Pekerja dan Jantina, 2022
Table 3.5: Number of Persons Engaged and Salaries & Wages for Engineering Activities by Category of Workers and Sex, 2022

Kategori pekerja <i>Category of worker</i>	Bilangan pekerja <i>Number of persons engaged</i>			Gaji & upah <i>Salaries & wages</i>
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	(RM '000)
Jumlah <i>Total</i>	64,689	39,611	25,078	2,720,609
Jumlah pemilik yang bekerja & rakan niaga yang aktif dan pekerja keluarga tanpa gaji <i>Total working proprietor & active business partners and unpaid family workers</i>	2,035	1,840	195	-
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietor and active business partners</i>	1,966	1,792	174	-
Pekerja keluarga tanpa gaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap) <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i>	69	48	21	-
Jumlah pekerja bergaji (sepenuh masa) <i>Total paid employees (full-time)</i>	62,063	37,376	24,687	2,712,076
Pengurus <i>Managers</i>	8,139	6,025	2,114	555,357
Profesional <i>Professionals</i>	14,368	8,046	6,322	880,303
Profesional (kecuali Penyelidik) <i>Professionals (except Researcher)</i>	13,785	7,703	6,082	843,474
Penyelidik <i>Researcher</i>	583	343	240	36,829
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	10,477	8,135	2,342	422,746
Pekerja sokongan perkeranian <i>Clerical support workers</i>	11,266	2,677	8,589	415,855
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	4,176	2,591	1,585	129,245
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	3,522	2,854	668	115,460
Operator mesin, loji dan pemasang <i>Plant and machine operators, and assemblers</i>	1,112	1,000	112	28,828
Pekerjaan asas <i>Elementary occupations</i>	9,003	6,048	2,955	164,281
Pekerja bergaji (sambilan) <i>Paid employees (part-time)</i>	591	395	196	8,533

Jadual 4.1: Statistik Utama Aktiviti Juru Ukur Tanah & Bahan, 2010, 2015 dan 2022
Table 4.1: Principal Statistics of Land & Quantity Surveying Activities, 2010, 2015 and 2022

Tahun Year	Bilangan pertubuhan Number of establishments	Nilai output kasar Value of gross output	Nilai input perantaraan Value of intermediate input	Nilai ditambah Value added	Bilangan pekerja Number of persons engaged	Gaji & upah Salaries & wages	Nilai harta tetap Value of fixed assets
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
2022	1,297	1,585,957	642,763	943,194	11,630	365,662	433,484
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	291,680

Jadual 4.2: Statistik Utama Aktiviti Juru Ukur Tanah & Bahan mengikut Negeri, 2022
Table 4.2: Principal Statistics of Land & Quantity Surveying Activities by State, 2022

Negeri State	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah Total	1,297	1,585,957	642,763	943,194	11,630	365,662	433,484
Johor	118	90,057	32,887	57,170	1,179	34,941	21,026
Kedah	58	47,926	15,809	32,117	392	12,138	6,540
Kelantan	43	49,526	19,557	29,969	346	9,808	4,726
Melaka	28	22,564	10,658	11,906	214	4,537	4,879
Negeri Sembilan	40	24,964	11,973	12,991	188	4,898	4,206
Pahang	49	43,106	20,443	22,663	260	7,461	5,424
Pulau Pinang	64	44,820	17,895	26,925	456	12,898	6,745
Perak	70	59,579	25,535	34,044	427	16,313	5,803
Perlis							
Selangor	402	431,556	178,224	253,333	2,784	81,081	150,201
Terengganu	41	25,338	8,303	17,035	200	5,818	4,956
Sabah	64	76,650	36,955	39,695	512	13,422	19,200
Sarawak	100	221,200	91,583	129,617	1,429	43,693	31,890
W.P. Kuala Lumpur	220	448,669	172,942	275,728	3,243	118,655	167,886
W.P. Labuan							
W.P. Putrajaya							

Jadual 4.3: Statistik Utama Aktiviti Juru Ukur Tanah & Bahan mengikut Taraf Sah, 2022

Table 4.3: Principal Statistics of Land & Quantity Surveying Activities by Legal Status, 2022

Taraf sah <i>Legal status</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)			
Jumlah <i>Total</i>	1,297	1,585,957	642,763	943,194	11,630	365,662	433,484
Hak milik perseorangan <i>Individual proprietorship</i>	603	397,317	158,209	239,107	3,600	87,081	68,883
Perkongsian <i>Partnership</i>	107	103,147	43,640	59,507	981	22,540	19,809
Perkongsian liabiliti terhad <i>Limited liabilities partnership</i>							
Syarikat sendirian berhad <i>Private limited company</i>	587	1,085,493	440,914	644,579	7,049	256,041	344,792
Koperasi <i>Co-operative</i>							

Jadual 4.4: Statistik Utama Aktiviti Juru Ukur Tanah & Bahan mengikut Hak Milik, 2022
Table 4.4: Principal Statistics of Land & Quantity Surveying Activities by Ownership, 2022

Hak milik <i>Ownership</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	1,297	1,585,957	642,763	943,194	11,630	365,662	433,484

Residen Malaysia
Malaysian residents

1,297

1,585,957

642,763

943,194

11,630

365,662

433,484

Bukan residen Malaysia
Non-Malaysian residents

Jadual 4.5: Bilangan Pekerja dan Gaji & Upah bagi Aktiviti Juru Ukur Tanah & Bahan mengikut Kategori Pekerja dan Jantina, 2022
Table 4.5: Number of Persons Engaged and Salaries & Wages for Land & Quantity Surveying Activities by Category of Workers and Sex, 2022

Kategori pekerja <i>Category of worker</i>	Bilangan pekerja <i>Number of persons engaged</i>			Gaji & upah <i>Salaries & wages</i>
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	(RM '000)
Jumlah <i>Total</i>	11,630	7,072	4,558	365,662
Jumlah pemilik yang bekerja & rakan niaga yang aktif dan pekerja keluarga tanpa gaji <i>Total working proprietor & active business partners and unpaid family workers</i>	925	843	82	-
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietor and active business partners</i>	783	730	53	-
Pekerja keluarga tanpa gaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap) <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i>	142	113	29	-
Jumlah pekerja bergaji (sepenuh masa) <i>Total paid employees (full-time)</i>	10,375	5,975	4,400	361,620
Pengurus <i>Managers</i>	1,270	896	374	77,047
Profesional <i>Professionals</i>	2,193	1,226	967	102,724
Profesional (kecuali Penyelidik) <i>Professionals (except Researcher)</i>	2,131	1,181	950	100,378
Penyelidik <i>Researcher</i>	62	45	17	2,347
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	1,618	1,270	348	56,569
Pekerja sokongan perkeranian <i>Clerical support workers</i>	2,040	431	1,609	56,269
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	846	492	354	22,488
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	826	649	177	20,951
Operator mesin, loji dan pemasang <i>Plant and machine operators, and assemblers</i>	248	134	114	5,189
Pekerjaan asas <i>Elementary occupations</i>	1,334	877	457	20,383
Pekerja bergaji (sambilan) <i>Paid employees (part-time)</i>	330	254	76	4,041

Jadual 5.1: Statistik Utama Aktiviti Perakaunan, 2010, 2015 dan 2022
Table 5.1: Principal Statistics of Accounting Activities, 2010, 2015 and 2022

Tahun <i>Year</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
2022	5,061	7,773,693	2,644,934	5,128,758	41,272	1,844,018	1,117,845
2015	3,870	3,504,104	1,145,015	2,359,089	35,716	1,250,314	947,638
2010	2,971	1,989,237	621,785	1,367,452	28,053	738,227	309,113

Table 5.2: Principal Statistics of Accounting Activities by State, 2022

Negeri State	Bilangan pertubuhan Number of establishments	Nilai output kasar Value of gross output	Nilai input perantaraan Value of intermediate input	Nilai ditambah Value added	Bilangan pekerja Number of persons engaged	Gaji & upah Salaries & wages	Nilai harta tetap Value of fixed assets
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah Total	5,061	7,773,693	2,644,934	5,128,758	41,272	1,844,018	1,117,845
Johor	639	401,565	102,598	298,967	4,053	122,023	719,157
Kedah	131	90,956	16,812	74,145	987	30,746	9,363
Kelantan	49	35,762	6,512	29,250	458	13,920	3,366
Melaka	137	89,560	15,085	74,475	989	29,085	10,326
Negeri Sembilan	110	90,690	28,057	62,633	811	22,782	6,363
Pahang	84	71,706	15,034	56,672	748	23,892	12,995
Pulau Pinang	422	410,114	183,536	226,578	2,144	68,082	47,450
Perak	325	270,552	77,251	193,301	1,946	61,631	15,224
Perlis	16	3,395	863	2,532	79	1,820	256
Selangor	1,425	2,116,663	713,336	1,403,327	7,085	440,053	75,002
Terengganu	55	34,592	9,017	25,576	368	9,676	5,623
Sabah	241	271,625	57,155	214,470	2,076	73,292	15,997
Sarawak	272	200,501	37,399	163,102	2,378	68,890	22,601
W.P. Kuala Lumpur	1,144	3,678,566	1,381,564	2,297,002	17,091	876,170	173,550
W.P. Labuan	} 11	7,446	716	6,729	59	1,956	573
W.P. Putrajaya							

Jadual 5.3: Statistik Utama Aktiviti Perakaunan mengikut Taraf Sah, 2022

Table 5.3: Principal Statistics of Accounting Activities by Legal Status, 2022

Taraf sah <i>Legal status</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	5,061	7,773,693	2,644,934	5,128,758	41,272	1,844,018	1,117,845
Hak milik perseorangan <i>Individual proprietorship</i>	1,693	1,587,252	526,370	1,060,882	11,713	397,928	386,807
Perkongsian <i>Partnership</i>	1,051	1,342,511	439,697	902,814	9,159	321,732	164,276
Perkongsian liabiliti terhad <i>Limited liabilities partnership</i>	130	130,222	38,589	91,633	756	30,388	25,943
Syarikat sendirian berhad <i>Private limited company</i>	2,187	4,713,707	1,640,278	3,073,429	19,644	1,093,970	540,819
Syarikat awam berhad <i>Public limited company</i>							

Jadual 5.4: Statistik Utama Aktiviti Perakaunan mengikut Hak Milik, 2022
Table 5.4: Principal Statistics of Accounting Activities by Ownership, 2022

Hak milik <i>Ownership</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	5,061	7,773,693	2,644,934	5,128,758	41,272	1,844,018	1,117,845
Residen Malaysia <i>Malaysian residents</i>	5,057	7,190,105	2,468,532	4,721,573	39,971	1,732,466	1,084,772
Bukan residen Malaysia <i>Non-Malaysian residents</i>	4	583,588	176,402	407,186	1,301	111,552	33,073
Hak milik bersama <i>Joint ownership</i>							

Jadual 5.5: Bilangan Pekerja dan Gaji & Upah bagi Aktiviti Perakaunan mengikut Kategori Pekerja dan Jantina, 2022
Table 5.5: Number of Persons Engaged and Salaries & Wages for Accounting Activities by Category of Workers and Sex, 2022

Kategori pekerja Category of worker	Bilangan pekerja Number of persons engaged			Gaji & upah Salaries & wages (RM '000)
	Jumlah Total	Lelaki Male	Perempuan Female	
Jumlah <i>Total</i>	41,272	20,071	21,201	1,844,018
Jumlah pemilik yang bekerja & rakan niaga yang aktif dan pekerja keluarga tanpa gaji <i>Total working proprietor & active business partners and unpaid family workers</i>	3,598	3,089	509	-
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietor and active business partners</i>	3,139	2,757	382	-
Pekerja keluarga tanpa gaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap) <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i>	459	332	127	-
Jumlah pekerja bergaji (sepenuh masa) <i>Total paid employees (full-time)</i>	36,700	16,585	20,115	1,832,299
Pengurus <i>Managers</i>	5,134	3,176	1,958	377,766
Profesional <i>Professionals</i>	9,268	4,087	5,181	601,519
Profesional (kecuali Penyelidik) <i>Professionals (except Researcher)</i>	9,176	4,058	5,118	596,762
Penyelidik <i>Researcher</i>	92	29	63	4,757
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	3,892	2,389	1,503	222,565
Pekerja sokongan perkeranian <i>Clerical support workers</i>	9,519	2,322	7,197	386,088
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	3,295	1,419	1,876	125,553
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	722	422	300	26,893
Operator mesin, loji dan pemasang <i>Plant and machine operators, and assemblers</i>	293	162	131	7,872
Pekerjaan asas <i>Elementary occupations</i>	4,577	2,608	1,969	84,042
Pekerja bergaji (sambilan) <i>Paid employees (part-time)</i>	974	397	577	11,719

Jadual 6.1: Statistik Utama Aktiviti Guaman, 2010, 2015 dan 2022
Table 6.1: Principal Statistics of Legal Activities, 2010, 2015 and 2022

Tahun <i>Year</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
2022	6,636	7,705,847	2,109,834	5,596,013	55,771	1,921,992	638,231
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	2,495,785	44,847	1,014,724	525,917

Jadual 6.2: Statistik Utama Aktiviti Guaman mengikut Negeri, 2022
Table 6.2: Principal Statistics of Legal Activities by State, 2022

Negeri <i>State</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	6,636	7,705,847	2,109,834	5,596,013	55,771	1,921,992	638,231
Johor	549	568,757	158,318	410,439	5,082	183,256	63,150
Kedah	206	102,956	25,646	77,310	1,568	35,096	12,239
Kelantan	178	68,629	19,506	49,123	1,122	20,839	12,444
Melaka	170	149,857	30,776	119,081	1,338	36,152	15,303
Negeri Sembilan	257	110,556	28,360	82,196	1,733	36,213	13,257
Pahang	139	117,256	25,663	91,593	1,483	37,149	14,920
Pulau Pinang	585	449,550	130,459	319,092	4,111	100,049	50,966
Perak	341	249,556	65,856	183,700	3,002	75,595	29,556
Perlis	19	6,856	1,876	4,980	131	3,005	1,987
Selangor	1,946	2,091,126	629,845	1,461,281	9,714	455,362	163,365
Terengganu	95	42,365	12,134	30,232	835	20,823	4,623
Sabah	322	213,745	51,222	162,523	2,863	78,079	29,301
Sarawak	329	220,545	42,700	177,845	2,895	75,720	26,880
W.P. Kuala Lumpur	1,484	3,305,785	885,588	2,420,198	19,800	762,216	199,466
W.P. Labuan	12	6,260	1,362	4,898	58	1,353	712
W.P. Putrajaya	4	2,046	524	1,522	36	1,083	63

Jadual 6.3: Statistik Utama Aktiviti Guaman mengikut Taraf Sah, 2022
Table 6.3: Principal Statistics of Legal Activities by Legal Status, 2022

Taraf sah <i>Legal status</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	6,636	7,705,847	2,109,834	5,596,013	55,771	1,921,992	638,231
Hak milik perseorangan <i>Individual proprietorship</i>	2,304	1,909,093	526,650	1,382,443	14,617	485,726	148,944
Perkongsian <i>Partnership</i>	3,983	5,252,397	1,428,376	3,824,021	38,645	1,307,590	430,747
Perkongsian liabiliti terhad <i>Limited liabilities partnership</i>	10	9,724	2,512	7,212	49	1,843	507
Syarikat sendirian berhad <i>Private limited company</i>	339	534,633	152,297	382,336	2,460	126,832	58,033
Syarikat awam berhad <i>Public limited company</i>							
Perbadanan awam <i>Public corporation</i>							

Jadual 6.4: Statistik Utama Aktiviti Guaman mengikut Hak Milik, 2022
Table 6.4: Principal Statistics of Legal Activities by Ownership, 2022

Hak milik <i>Ownership</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	6,636	7,705,847	2,109,834	5,596,013	55,771	1,921,992	638,231
Residen Malaysia <i>Malaysian residents</i>	6,636	7,705,847	2,109,834	5,596,013	55,771	1,921,992	638,231

Jadual 6.5: Bilangan Pekerja dan Gaji & Upah bagi Aktiviti Guaman mengikut Kategori Pekerja dan Jantina, 2022
Table 6.5: Number of Persons Engaged and Salaries & Wages for Legal Activities by Category of Workers and Sex, 2022

Kategori pekerja <i>Category of worker</i>	Bilangan pekerja <i>Number of persons engaged</i>			Gaji & upah <i>Salaries & wages</i> (RM '000)
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	
Jumlah <i>Total</i>	55,771	29,221	26,550	1,921,992
Jumlah pemilik yang bekerja & rakan niaga yang aktif dan pekerja keluarga tanpa gaji <i>Total working proprietor & active business partners and unpaid family workers</i>	11,201	9,080	2,121	-
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietor and active business partners</i>	8,918	7,144	1,774	-
Pekerja keluarga tanpa gaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap) <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i>	2,283	1,936	347	-
Jumlah pekerja bergaji (sepenuh masa) <i>Total paid employees (full-time)</i>	43,140	19,403	23,737	1,902,370
Pengurus <i>Managers</i>	6,556	4,214	2,342	523,025
Profesional <i>Professionals</i>	11,614	5,653	5,961	668,937
Profesional (kecuali Penyelidik) <i>Professionals (except Researcher)</i>	11,490	5,635	5,855	663,036
Penyelidik <i>Researcher</i>	124	18	106	5,901
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	2,876	1,960	916	131,779
Pekerja sokongan perkeranian <i>Clerical support workers</i>	13,095	2,971	10,124	388,859
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	2,519	1,375	1,144	73,094
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	496	275	221	13,414
Operator mesin, loji dan pemasang <i>Plant and machine operators, and assemblers</i>	38	13	25	745
Pekerjaan asas <i>Elementary occupations</i>	5,946	2,942	3,004	102,516
Pekerja bergaji (sambilan) <i>Paid employees (part-time)</i>	1,430	738	692	19,622

Jadual 7.1: Statistik Utama Aktiviti Pengiklanan, 2010, 2015 dan 2022
Table 7.1: Principal Statistics of Advertising Activities, 2010, 2015 and 2022

Tahun <i>Year</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
2022	4,226	6,744,782	4,336,831	2,407,950	35,257	1,341,290	1,570,679
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	282,174

Jadual 7.2: Statistik Utama Aktiviti Pengiklanan mengikut Negeri, 2022

Table 7.2: Principal Statistics of Advertising Activities by State, 2022

Negeri State	Bilangan pertubuhan Number of establishments	Nilai output kasar Value of gross output	Nilai input perantaraan Value of intermediate input	Nilai ditambah Value added	Bilangan pekerja Number of persons engaged	Gaji & upah Salaries & wages	Nilai harta tetap Value of fixed assets
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah Total	4,226	6,744,782	4,336,831	2,407,950	35,257	1,341,290	1,570,679
Johor	380	242,126	168,464	73,662	1,374	48,823	32,206
Kedah	65	26,556	18,656	7,900	111	3,787	2,426
Kelantan	39	7,857	4,356	3,501	151	2,516	3,278
Melaka	112	49,556	30,657	18,899	497	16,269	12,988
Negeri Sembilan	99	58,824	26,426	32,397	492	20,112	18,546
Pahang	35	6,688	3,540	3,147	163	2,705	3,705
Pulau Pinang	249	183,856	106,154	77,702	1,027	28,874	20,662
Perak	150	37,562	21,046	16,516	822	14,062	10,234
Perlis	11	2,500	1,165	1,335	45	661	501
Selangor	1,847	2,900,123	1,779,551	1,120,572	20,944	770,361	968,662
Terengganu	37	951	603	348	40	206	157
Sabah	59	41,850	29,857	11,993	383	10,043	35,316
Sarawak	69	29,801	20,601	9,200	206	6,689	3,367
W.P. Kuala Lumpur	1,071	3,156,412	2,125,664	1,030,748	8,997	416,180	458,600
W.P. Labuan	} 3	119	90	30	5	2	32
W.P. Putrajaya							

Jadual 7.3: Statistik Utama Aktiviti Pengiklanan mengikut Taraf Sah, 2022
Table 7.3: Principal Statistics of Advertising Activities by Legal Status, 2022

Taraf sah <i>Legal status</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	4,226	6,744,782	4,336,831	2,407,950	35,257	1,341,290	1,570,679
Hak milik perseorangan <i>Individual proprietorship</i>	675	185,909	117,037	68,873	2,298	40,346	30,122
Perkongsian <i>Partnership</i>	195	54,413	34,844	19,570	711	13,899	9,565
Perkongsian liabiliti terhad <i>Limited liabilities partnership</i>	35	12,977	9,119	3,857	116	3,077	1,960
Syarikat sendirian berhad <i>Private limited company</i>	3,321	6,491,482	4,175,832	2,315,651	32,132	1,283,968	1,529,031
Syarikat awam berhad <i>Public limited company</i>							

Jadual 7.4: Statistik Utama Aktiviti Pengiklanan mengikut Hak Milik, 2022
Table 7.4: Principal Statistics of Advertising Activities by Ownership, 2022

Hak milik <i>Ownership</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	4,226	6,744,782	4,336,831	2,407,950	35,257	1,341,290	1,570,679
Residen Malaysia <i>Malaysian residents</i>	4,209	6,105,843	3,911,447	2,194,396	33,930	1,254,020	1,481,283
Bukan residen Malaysia <i>Non-Malaysian residents</i>	17	638,939	425,384	213,554	1,327	87,270	89,396
Hak milik bersama <i>Joint ownership</i>							

Jadual 7.5: Bilangan Pekerja dan Gaji & Upah bagi Aktiviti Pengiklanan mengikut Kategori Pekerja dan Jantina, 2022
Table 7.5: Number of Persons Engaged and Salaries & Wages for Advertising Activities by Category of Workers and Sex, 2022

Kategori pekerja <i>Category of worker</i>	Bilangan pekerja <i>Number of persons engaged</i>			Gaji & upah <i>Salaries & wages</i> (RM '000)
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	
Jumlah <i>Total</i>	35,257	18,958	16,299	1,341,290
Jumlah pemilik yang bekerja & rakan niaga yang aktif dan pekerja keluarga tanpa gaji <i>Total working proprietor & active business partners and unpaid family workers</i>	892	792	100	-
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietor and active business partners</i>	868	775	93	-
Pekerja keluarga tanpa gaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap) <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i>	24	17	7	-
Jumlah pekerja bergaji (sepenuh masa) <i>Total paid employees (full-time)</i>	33,536	17,623	15,913	1,329,878
Pengurus <i>Managers</i>	4,974	3,027	1,947	343,776
Profesional <i>Professionals</i>	8,399	4,522	3,877	458,990
Profesional (kecuali Penyelidik) <i>Professionals (except Researcher)</i>	8,298	4,448	3,850	454,841
Penyelidik <i>Researcher</i>	101	74	27	4,148
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	3,443	2,559	884	147,957
Pekerja sokongan perkeranian <i>Clerical support workers</i>	5,393	1,255	4,138	135,901
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	4,034	2,100	1,934	95,763
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	2,195	1,248	947	54,179
Operator mesin, loji dan pemasang <i>Plant and machine operators, and assemblers</i>	958	564	394	21,093
Pekerjaan asas <i>Elementary occupations</i>	4,140	2,348	1,792	72,219
Pekerja bergaji (sambilan) <i>Paid employees (part-time)</i>	829	543	286	11,412

Jadual 8.1: Statistik Utama Aktiviti Pakar Runding Pengurusan dan Penyelidikan Pasaran, 2010, 2015 dan 2022

Table 8.1: Principal Statistics of Management Consultancy and Market Research Activities, 2010, 2015 and 2022

Tahun Year	Bilangan pertubuhan Number of establishments	Nilai output kasar Value of gross output	Nilai input perantaraan Value of intermediate input	Nilai ditambah Value added	Bilangan pekerja Number of persons engaged	Gaji & upah Salaries & wages	Nilai harta tetap Value of fixed assets
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
2022	14,785	5,219,458	1,664,173	3,555,285	49,031	1,890,876	1,497,619
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	938,616	14,165	426,863	454,468

Jadual 8.2: Statistik Utama Aktiviti Pakar Runding Pengurusan dan Penyelidikan Pasaran mengikut Negeri, 2022

Table 8.2: Principal Statistics of Management Consultancy and Market Research Activities by State, 2022

Negeri State	Bilangan pertubuhan Number of establishments	Nilai output kasar Value of gross output	Nilai input perantaraan Value of intermediate input	Nilai ditambah Value added	Bilangan pekerja Number of persons engaged	Gaji & upah Salaries & wages	Nilai harta tetap Value of fixed assets
		(RM '000)	(RM '000)	(RM '000)			
Jumlah Total	14,785	5,219,458	1,664,173	3,555,285	49,031	1,890,876	1,497,619
Johor	1,570	273,813	99,519	174,294	3,053	87,307	76,913
Kedah	196	38,550	8,095	30,456	446	12,200	7,213
Kelantan	78	7,267	2,466	4,801	195	3,808	2,864
Melaka	343	75,570	13,120	62,450	1,097	29,254	22,456
Negeri Sembilan	413	36,506	12,629	23,877	540	12,895	10,859
Pahang	71	29,653	10,423	19,230	320	8,702	4,553
Pulau Pinang	1,249	335,550	98,999	236,551	4,087	118,679	87,453
Perak	369	59,503	16,115	43,388	788	23,201	17,231
Perlis	9	1,702	827	875	41	704	521
Selangor	6,587	2,127,893	691,331	1,436,562	21,188	832,751	768,969
Terengganu	83	24,256	10,198	14,058	273	7,738	2,056
Sabah	167	58,937	23,486	35,450	580	22,009	8,796
Sarawak	371	106,099	41,965	64,135	998	29,097	24,523
W.P. Kuala Lumpur	3,245	2,038,632	633,266	1,405,366	15,296	699,713	462,533
W.P. Labuan	12	2,493	903	1,590	40	1,203	301
W.P. Putrajaya	22	3,033	830	2,203	89	1,615	379

Jadual 8.3: Statistik Utama Aktiviti Pakar Runding Pengurusan dan Penyelidikan Pasaran mengikut Taraf Sah, 2022

Table 8.3: Principal Statistics of Management Consultancy and Market Research Activities by Legal Status, 2022

Taraf sah <i>Legal status</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	14,785	5,219,458	1,664,173	3,555,285	49,031	1,890,876	1,497,619
Hak milik perseorangan <i>Individual proprietorship</i>	1,356	131,031	39,673	91,359	3,082	39,095	24,418
Perkongsian <i>Partnership</i>	601	58,939	18,801	40,138	1,335	19,521	13,671
Perkongsian liabiliti terhad <i>Limited liabilities partnership</i>	219	23,962	7,664	16,299	358	8,955	4,879
Syarikat sendirian berhad <i>Private limited company</i>	12,547	4,885,371	1,559,818	3,325,553	43,517	1,782,815	1,419,735
Syarikat awam berhad <i>Public limited company</i>	36	112,712	35,414	77,298	634	37,387	32,693
Koperasi <i>Co-operative</i>							
Perbadanan awam <i>Public corporation</i>	22	7,178	2,706	4,472	100	2,994	2,201
Pertubuhan persendirian yang tidak mencari keuntungan <i>Private non-profit making organisation</i>	4	264	97	168	5	109	22

Jadual 8.4: Statistik Utama Aktiviti Pakar Runding Pengurusan dan Penyelidikan Pasaran mengikut Hak Milik, 2022
Table 8.4: Principal Statistics of Management Consultancy and Market Research Activities by Ownership, 2022

Hak milik <i>Ownership</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	14,785	5,219,458	1,664,173	3,555,285	49,031	1,890,876	1,497,619
Residen Malaysia <i>Malaysian residents</i>	14,718	5,095,625	1,625,757	3,469,869	48,343	1,847,117	1,445,286
Bukan residen Malaysia <i>Non-Malaysian residents</i>	45	108,622	33,772	74,850	576	38,569	45,948
Hak milik bersama <i>Joint ownership</i>	22	15,210	4,644	10,566	112	5,190	6,385

Jadual 8.5: Bilangan Pekerja dan Gaji & Upah bagi Aktiviti Pakar Runding Pengurusan dan Penyelidikan Pasaran mengikut Kategori Pekerja dan Jantina, 2022
Table 8.5: Number of Persons Engaged and Salaries & Wages for Management Consultancy and Market Research Activities by Category of Workers and Sex, 2022

Kategori pekerja <i>Category of worker</i>	Bilangan pekerja <i>Number of persons engaged</i>			Gaji & upah <i>Salaries & wages</i> (RM '000)
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	
Jumlah <i>Total</i>	49,031	26,461	22,570	1,890,876
Jumlah pemilik yang bekerja & rakan niaga yang aktif dan pekerja keluarga tanpa gaji <i>Total working proprietor & active business partners and unpaid family workers</i>	2,019	1,597	422	-
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietor and active business partners</i>	1,965	1,553	412	-
Pekerja keluarga tanpa gaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap) <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i>	54	44	10	-
Jumlah pekerja bergaji (sepanjang masa) <i>Total paid employees (full-time)</i>	46,348	24,430	21,918	1,881,090
Pengurus <i>Managers</i>	11,845	8,215	3,630	670,517
Profesional <i>Professionals</i>	10,946	6,113	4,833	554,350
Profesional (kecuali Penyelidik) <i>Professionals (except Researcher)</i>	10,547	5,906	4,641	533,427
Penyelidik <i>Researcher</i>	399	207	192	20,923
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	4,028	3,308	720	171,554
Pekerja sokongan perkeranian <i>Clerical support workers</i>	9,865	2,160	7,705	264,109
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	3,923	2,054	1,869	104,804
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	1,005	405	600	22,755
Operator mesin, loji dan pemasang <i>Plant and machine operators, and assemblers</i>	103	76	27	1,990
Pekerjaan asas <i>Elementary occupations</i>	4,633	2,099	2,534	91,012
Pekerja bergaji (sambilan) <i>Paid employees (part-time)</i>	664	434	230	9,785

Jadual 9.1: Statistik Utama Aktiviti Veterinar, 2010, 2015 dan 2022
Table 9.1: Principal Statistics of Veterinary Activities, 2010, 2015 and 2022

Tahun <i>Year</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
2022	401	219,698	117,556	102,143	1,790	51,666	75,470
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	25,039

Table 9.2: Principal Statistics of Veterinary Activities by State, 2022

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Jadual 9.3: Statistik Utama Aktiviti Veterinar mengikut Taraf Sah, 2022
Table 9.3: Principal Statistics of Veterinary Activities by Legal Status, 2022

Taraf sah <i>Legal status</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	401	219,698	117,556	102,143	1,790	51,666	75,470
Hak milik perseorangan <i>Individual proprietorship</i>	157	48,506	27,826	20,679	581	10,300	12,742
Perkongsian <i>Partnership</i>	30	12,050	6,606	5,444	135	2,756	2,932
Perkongsian liabiliti terhad <i>Limited liabilities partnership</i>							
Syarikat sendirian berhad <i>Private limited company</i>	214	159,143	83,124	76,019	1,074	38,611	59,796

Jadual 9.4: Statistik Utama Aktiviti Veterinar mengikut Hak Milik, 2022
Table 9.4: Principal Statistics of Veterinary Activities by Ownership, 2022

Hak milik <i>Ownership</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	401	219,698	117,556	102,143	1,790	51,666	75,470
Residen Malaysia <i>Malaysian residents</i>	401	219,698	117,556	102,143	1,790	51,666	75,470

Jadual 9.5: Bilangan Pekerja dan Gaji & Upah bagi Aktiviti Veterinar mengikut Kategori Pekerja dan Jantina, 2022
Table 9.5: Number of Persons Engaged and Salaries & Wages for Veterinary Activities by Category of Workers and Sex, 2022

Kategori pekerja Category of worker	Bilangan pekerja Number of persons engaged			Gaji & upah Salaries & wages (RM '000)
	Jumlah Total	Lelaki Male	Perempuan Female	
Jumlah <i>Total</i>	1,790	895	895	51,666
Jumlah pemilik yang bekerja & rakan niaga yang aktif dan pekerja keluarga tanpa gaji <i>Total working proprietor & active business partners and unpaid family workers</i>	210	148	62	-
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietor and active business partners</i>	195	141	54	-
Pekerja keluarga tanpa gaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap) <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i>	15	7	8	-
Jumlah pekerja bergaji (sepanjang masa) <i>Total paid employees (full-time)</i>	1,508	697	811	50,769
Pengurus <i>Managers</i>	283	185	98	15,485
Profesional <i>Professionals</i>	382	180	202	16,822
Profesional (kecuali Penyelidik) <i>Professionals (except Researcher)</i>	335	152	183	14,641
Penyelidik <i>Researcher</i>	47	28	19	2,181
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	79	49	30	2,410
Pekerja sokongan perkeranian <i>Clerical support workers</i>	266	45	221	6,730
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	253	106	147	5,525
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	27	8	19	639
Operator mesin, loji dan pemasang <i>Plant and machine operators, and assemblers</i>	5	5	0	84
Pekerjaan asas <i>Elementary occupations</i>	213	119	94	3,074
Pekerja bergaji (sambilan) <i>Paid employees (part-time)</i>	72	50	22	898

Jadual 10.1: Statistik Utama Aktiviti Penyelidikan & Pembangunan Saintifik dan Ujian Teknikal & Analisis, 2010, 2015 dan 2022
Table 10.1: Principal Statistics of Scientific Research & Development and Technical Testing & Analysis Activities, 2010, 2015 and 2022

Tahun Year	Bilangan pertubuhan Number of establishments	Nilai output kasar Value of gross output	Nilai input perantaraan Value of intermediate input	Nilai ditambah Value added	Bilangan pekerja Number of persons engaged	Gaji & upah Salaries & wages	Nilai harta tetap Value of fixed assets
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
2022	2,083	5,292,326	1,692,494	3,599,832	19,875	1,173,023	2,910,245
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	589,948

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Negeri <i>State</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	2,083	5,292,326	1,692,494	3,599,832	19,875	1,173,023	2,910,245
Johor	140	67,811	22,892	44,919	499	16,312	42,606
Kedah	28	72,151	18,353	53,798	302	10,536	202,564
Kelantan	5	824	406	418	11	356	28
Melaka	27	18,567	3,786	14,781	124	4,977	4,623
Negeri Sembilan	36	28,557	6,109	22,448	226	6,931	40,845
Pahang	12	19,553	6,512	13,041	163	7,228	3,056
Pulau Pinang	187	530,620	185,308	345,313	1,662	74,478	296,541
Perak	} 43	45,864	13,302	32,562	208	7,491	24,837
Perlis							
Selangor	980	1,887,350	635,503	1,251,847	9,325	452,016	1,085,005
Terengganu	18	109,441	64,716	44,725	720	25,145	22,125
Sabah	43	66,846	15,403	51,443	589	19,711	69,663
Sarawak	67	39,101	12,023	27,078	550	19,119	25,988
W.P. Kuala Lumpur	490	2,376,996	695,164	1,681,832	5,408	524,881	1,081,633
W.P. Labuan	} 7	28,645	13,017	15,628	88	3,842	10,731
W.P. Putrajaya							

Jadual 10.3: Statistik Utama Aktiviti Penyelidikan & Pembangunan Saintifik dan Ujian Teknikal & Analisis mengikut Taraf Sah, 2022
Table 10.3: Principal Statistics of Scientific Research & Development and Technical Testing & Analysis Activities by Legal Status, 2022

Taraf sah <i>Legal status</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	2,083	5,292,326	1,692,494	3,599,832	19,875	1,173,023	2,910,245
Hak milik perseorangan <i>Individual proprietorship</i>	63	12,574	3,726	8,849	162	2,130	2,134
Perkongsian <i>Partnership</i>	35	9,488	2,545	6,943	111	2,071	3,445
Perkongsian liabiliti terhad <i>Limited liabilities partnership</i>	24	4,867	1,440	3,427	42	855	1,088
Syarikat sendirian berhad <i>Private limited company</i>	1,937	5,077,786	1,629,988	3,447,798	18,975	1,128,523	2,792,545
Syarikat awam berhad <i>Public limited company</i>	13	118,925	33,121	85,804	309	25,104	78,127
Perbadanan awam <i>Public corporation</i>	6	22,788	8,016	14,772	130	5,571	17,310
Pertubuhan persendirian yang tidak mencari keuntungan <i>Private non-profit making organisation</i>	5	45,898	13,658	32,239	146	8,769	15,595

Jadual 10.4: Statistik Utama Aktiviti Penyelidikan & Pembangunan Saintifik dan Ujian Teknikal & Analisis mengikut Hak Milik, 2022
Table 10.4: Principal Statistics of Scientific Research & Development and Technical Testing & Analysis Activities by Ownership, 2022

Hak milik <i>Ownership</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	2,083	5,292,326	1,692,494	3,599,832	19,875	1,173,023	2,910,245
Residen Malaysia <i>Malaysian residents</i>	2,070	5,187,283	1,657,397	3,529,885	19,506	1,149,371	2,774,922
Bukan residen Malaysia <i>Non-Malaysian residents</i>	13	105,043	35,096	69,947	369	23,652	135,323
Hak milik bersama <i>Joint ownership</i>							

Jadual 10.5: Bilangan Pekerja dan Gaji & Upah bagi Aktiviti Penyelidikan & Pembangunan Saintifik dan Ujian Teknikal & Analisis mengikut Kategori Pekerja dan Jantina, 2022
Table 10.5: Number of Persons Engaged and Salaries & Wages for Scientific Research & Development and Technical Testing & Analysis Activities by Category of Workers and Sex, 2022

Kategori pekerja <i>Category of worker</i>	Bilangan pekerja <i>Number of persons engaged</i>			Gaji & upah <i>Salaries & wages</i> (RM '000)
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	
Jumlah <i>Total</i>	19,875	10,042	9,833	1,173,023
Jumlah pemilik yang bekerja & rakan niaga yang aktif dan pekerja keluarga tanpa gaji <i>Total working proprietor & active business partners and unpaid family workers</i>	117	103	14	-
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietor and active business partners</i>	101	88	13	-
Pekerja keluarga tanpa gaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap) <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i>	16	15	1	-
Jumlah pekerja bergaji (sepenuh masa) <i>Total paid employees (full-time)</i>	19,545	9,812	9,733	1,169,817
Pengurus <i>Managers</i>	2,617	1,628	989	223,473
Profesional <i>Professionals</i>	7,273	3,797	3,476	553,799
Profesional (kecuali Penyelidik) <i>Professionals (except Researcher)</i>	3,719	1,861	1,858	305,007
Penyelidik <i>Researcher</i>	3,554	1,936	1,618	248,792
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	2,227	1,508	719	135,093
Pekerja sokongan perkeranian <i>Clerical support workers</i>	3,312	750	2,562	140,525
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	1,054	576	478	48,263
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	819	394	425	24,908
Operator mesin, loji dan pemasang <i>Plant and machine operators, and assemblers</i>	420	232	188	10,104
Pekerjaan asas <i>Elementary occupations</i>	1,823	927	896	33,652
Pekerja bergaji (sambilan) <i>Paid employees (part-time)</i>	213	127	86	3,207

Jadual 11.1: Statistik Utama Aktiviti Profesional Lain, 2010, 2015 dan 2022
Table 11.1: Principal Statistics of Other Professional Activities, 2010, 2015 and 2022

Tahun <i>Year</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
2022	9,350	7,441,659	2,988,103	4,453,556	50,558	1,891,631	4,487,492
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	457,793

Jadual 11.2: Statistik Utama Aktiviti Profesional Lain mengikut Negeri, 2022
Table 11.2: Principal Statistics of Other Professional Activities by State, 2022

Negeri State	Bilangan pertubuhan Number of establishments	Nilai output kasar Value of gross output	Nilai input perantaraan Value of intermediate input	Nilai ditambah Value added	Bilangan pekerja Number of persons engaged	Gaji & upah Salaries & wages	Nilai harta tetap Value of fixed assets
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah Total	9,350	7,441,659	2,988,103	4,453,556	50,558	1,891,631	4,487,492
Johor	1,182	420,502	174,056	246,446	3,758	148,026	326,459
Kedah	236	63,756	25,834	37,922	842	24,048	31,946
Kelantan	93	19,495	7,557	11,938	310	5,082	5,189
Melaka	242	64,050	18,698	45,352	817	19,921	21,004
Negeri Sembilan	269	48,656	21,056	27,600	462	13,002	11,856
Pahang	148	22,602	10,056	12,545	337	7,311	9,354
Pulau Pinang	816	209,456	80,463	128,993	2,345	75,637	70,230
Perak	438	69,913	33,557	36,356	830	17,817	27,887
Perlis	34	4,894	1,451	3,443	198	3,315	4,121
Selangor	3,830	2,773,154	1,134,505	1,638,649	19,000	799,770	1,862,300
Terengganu	111	28,500	12,516	15,984	336	7,342	6,988
Sabah	158	68,751	26,852	41,900	812	25,991	41,278
Sarawak	317	120,526	41,261	79,265	1,702	56,402	209,456
W.P. Kuala Lumpur	1,451	3,500,455	1,394,542	2,105,913	18,413	678,543	1,856,312
W.P. Labuan	5	1,026	542	484	29	311	415
W.P. Putrajaya	20	25,923	5,156	20,767	367	9,113	2,699

Jadual 11.3: Statistik Utama Aktiviti Profesional Lain mengikut Taraf Sah, 2022
Table 11.3: Principal Statistics of Other Professional Activities by Legal Status, 2022

Taraf sah <i>Legal status</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	9,350	7,441,659	2,988,103	4,453,556	50,558	1,891,631	4,487,492
Hak milik perseorangan <i>Individual proprietorship</i>	2,137	328,608	124,805	203,803	5,776	81,118	93,341
Perkongsian <i>Partnership</i>	518	127,082	50,359	76,724	1,627	33,777	54,764
Perkongsian liabiliti terhad <i>Limited liabilities partnership</i>	83	32,272	11,735	20,537	302	7,666	12,355
Syarikat sendirian berhad <i>Private limited company</i>	6,571	6,099,006	2,439,288	3,659,718	39,895	1,574,288	3,513,171
Syarikat awam berhad <i>Public limited company</i>	36	785,101	334,553	450,548	2,664	181,509	755,507
Koperasi <i>Co-operative</i>	5	69,589	27,363	42,226	294	13,272	58,353
Pertubuhan persendirian yang tidak mencari keuntungan <i>Private non-profit making organisation</i>							

Jadual 11.4: Statistik Utama Aktiviti Profesional Lain mengikut Hak Milik, 2022
Table 11.4: Principal Statistics of Other Professional Activities by Ownership, 2022

Hak milik <i>Ownership</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Bilangan pekerja <i>Number of persons engaged</i>	Gaji & upah <i>Salaries & wages</i>	Nilai harta tetap <i>Value of fixed assets</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	9,350	7,441,659	2,988,103	4,453,556	50,558	1,891,631	4,487,492
Residen Malaysia <i>Malaysian residents</i>	9,324	7,105,654	2,853,830	4,251,824	49,486	1,816,219	4,089,788
Bukan residen Malaysia <i>Non-Malaysian residents</i>	26	336,005	134,273	201,731	1,072	75,412	397,704
Hak milik bersama <i>Joint ownership</i>							

Jadual 11.5: Bilangan Pekerja dan Gaji & Upah bagi Aktiviti Profesional Lain mengikut Kategori Pekerja dan Jantina, 2022
Table 11.5: Number of Persons Engaged and Salaries & Wages for Other Professional Activities by Category of Workers and Sex, 2022

Kategori pekerja <i>Category of worker</i>	Bilangan pekerja <i>Number of persons engaged</i>			Gaji & upah <i>Salaries & wages</i> (RM '000)
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	
Jumlah <i>Total</i>	50,558	28,223	22,335	1,891,631
Jumlah pemilik yang bekerja & rakan niaga yang aktif dan pekerja keluarga tanpa gaji <i>Total working proprietor & active business partners and unpaid family workers</i>	2,860	2,285	575	-
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietor and active business partners</i>	2,745	2,207	538	-
Pekerja keluarga tanpa gaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap) <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i>	115	78	37	-
Jumlah pekerja bergaji (sepenuh masa) <i>Total paid employees (full-time)</i>	46,947	25,423	21,524	1,881,776
Pengurus <i>Managers</i>	7,034	4,509	2,525	433,295
Profesional <i>Professionals</i>	10,305	5,672	4,633	534,428
Profesional (kecuali Penyelidik) <i>Professionals (except Researcher)</i>	9,982	5,479	4,503	517,957
Penyelidik <i>Researcher</i>	323	193	130	16,470
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	5,440	3,910	1,530	225,627
Pekerja sokongan perkeranian <i>Clerical support workers</i>	9,091	2,511	6,580	318,421
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	5,964	3,174	2,790	186,774
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	2,113	1,614	499	63,250
Operator mesin, loji dan pemasang <i>Plant and machine operators, and assemblers</i>	330	255	75	8,934
Pekerjaan asas <i>Elementary occupations</i>	6,670	3,778	2,892	111,048
Pekerja bergaji (sambilan) <i>Paid employees (part-time)</i>	751	515	236	9,855

Bahagian | *Part*

4

Nota Teknikal
Technical Notes

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 Versi 1.0 yang selaras dengan *International Standard Industrial Classification of All Economic Activities (ISIC), Revision 4, 2008*. Senarai lengkap industri yang diliputi adalah seperti di **Lampiran**.

2. SUMBER RANGKA PERTUBUHAN

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

2. SUMBER RANGKA PERTUBUHAN (SAMB.)

- 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 menumpukan sebahagian besar sumbernya atau memberi sumbangan besar dari segi pendapatan. Aktiviti sekunder didefinisikan sebagai aktiviti sampingan kepada aktiviti utama. Klasifikasi industri bagi pertubuhan adalah berasaskan kepada aktiviti utama dan Piawaian Klasifikasi Industri Malaysia (MSIC), 2008 Versi 1.0. MSIC 2008 yang diselaraskan dengan *International Standard Industrial Classification of All Economic Activities (ISIC), Rev. 4, United Nations* dan pengubahsuaian mengikut 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.

4. KONSEP DAN DEFINISI (SAMB.)

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.

4. KONSEP DAN DEFINISI (SAMB.)

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.

4. KONSEP DAN DEFINISI (SAMB.)

- 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.

4. KONSEP DAN DEFINISI (SAMB.)

viii. Aktiviti veterinar

Merujuk kepada aktiviti penjagaan kesihatan dan pengawalan haiwan ternakan dan haiwan peliharaan. Aktiviti ini dijalankan oleh doktor veterinar yang berkeelayakan 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.

4. KONSEP DAN DEFINISI (SAMB.)

Bagi aktiviti fotografi termasuk pengeluaran fotografi komersial dan konsumen 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 transparensi 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. TAHUN BANGCI

Merujuk kepada tahun pelaksanaan bancia dijalankan.

6. TAHUN RUJUKAN

Tahun rujukan bagi penerbitan ini adalah tahun takwim 2022. Pertubuhan yang mempunyai tahun kewangan yang berbeza daripada tahun takwim diminta menyediakan laporan mengikut tahun perakaunan atau kewangan yang meliputi sekurang-kurangnya enam (6) bulan dalam tahun rujukan.

7. KAEDAH PENGUMPULAN

Bancia ini secara umumnya dijalankan dengan menggunakan tiga (3) kaedah pengumpulan data seperti berikut:

7.1 Kutipan data melalui portal e-BE

Kaedah ini menyasarkan responden yang telah menggunakan kaedah ini bagi survei rutin terdahulu.

7.2 Kutipan data melalui e-mel, pos, faks dan telefon

Kaedah ini menyasarkan responden yang pernah terlibat dengan survei rutin terdahulu. Responden diberi tempoh satu bulan untuk melengkapkan dan mengembalikan borang soal selidik tersebut kepada DOSM.

7. KAEDAH PENGUMPULAN (SAMB.)

7.3 Kutipan data secara bersemuka

Kerja luar operasi di lapangan dijalankan untuk mendapatkan maklum balas daripada pertubuhan yang belum memberi jawapan dari kedua-dua kaedah di atas dan kaedah ini menyasarkan pertubuhan yang tidak pernah terlibat dengan survei rutin DOSM.

8. UNIT PELAPOR

Unit pelapor bagi Banci Ekonomi 2023 adalah 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.

9. TARAF SAH

Taraf sah sesebuah pertubuhan telah ditakrifkan seperti berikut:

9.1 Hak milik perseorangan

Ia merujuk kepada perniagaan yang dimiliki dan dijalankan oleh orang perseorangan semata-mata untuk mendapatkan keuntungan sendiri. Pemilik mempunyai hak mutlak atas segala urusan pertubuhannya.

9.2 Perkongsian

Ia merujuk kepada sekumpulan individu yang telah bersetuju mengikat kontrak dan menjalankan perniagaan dengan matlamat untuk memperoleh keuntungan. Perniagaan tersebut diuruskan oleh kesemua mereka atau salah seorang daripada mereka yang bertindak mewakili semua pihak. Perkongsian perniagaan ini hendaklah mengandungi sekurang-kurangnya dua orang ahli dan tidak melebihi had maksimum dua puluh orang.

9. TARAF SAH (SAMB.)

9.3 Perkongsian liabiliti terhad

Merujuk kepada perniagaan entiti yang dikawal selia di bawah Akta Perkongsian Liabiliti Terhad 2012. Ia memberi perlindungan liabiliti terhad kepada rakan-rakan kongsinya sama seperti liabiliti terhad yang dinikmati oleh pemegang saham sesebuah syarikat. Ia juga memberi fleksibiliti peraturan perniagaan dalaman melalui pengaturan perkongsian yang serupa dengan sesebuah perkongsian konvensional.

9.4 Syarikat sendirian berhad

Merupakan syarikat persendirian yang ditubuhkan bagi tujuan menjalankan perniagaan dengan matlamat untuk mencari keuntungan. Saham dipegang secara tertutup oleh pemegang-pemegang saham yang mempunyai kawalan terhadap operasi syarikat;

Ciri-ciri:

- i. Dikawal di bawah Akta Syarikat 1965 dan merupakan entiti yang sah terpisah daripada pemilik;
- ii. Dimiliki oleh 2 - 50 orang pemegang saham;
- iii. Pemilik syarikat mempunyai liabiliti terhad;
- iv. Pemegang saham yang memiliki 51 peratus atau lebih daripada jumlah saham syarikat berhak untuk mengawal syarikat tersebut. Saham syarikat boleh dijual beli tetapi tidak dilakukan di pasaran terbuka;
- v. Penjualan saham mesti dengan persetujuan pemegang saham yang lain;
- vi. Tidak disenaraikan di Bursa; dan
- vii. Jangka hayat perniagaan adalah panjang dan boleh dikenali perkataan Sendirian Berhad (Sdn. Bhd.) pada akhir nama syarikat.

9.5 Syarikat awam berhad

Syarikat awam berhad merupakan perniagaan yang ditubuhkan dengan tanggungan berhad, oleh sekurang-kurangnya dua orang untuk menjalankan perniagaan dengan tujuan untuk mencari keuntungan. Saham syarikat awam berhad ini dipegang secara terbuka dan bagi sesebuah syarikat yang disenaraikan di Bursa Malaysia, sahamnya boleh bertukar milik secara bebas;

Ciri-ciri:

- i. Dikawal di bawah Akta Syarikat 1965 dan merupakan entiti yang sah terpisah daripada pemilik;

9. TARAF SAH (SAMB.)

- ii. Dimiliki oleh pemegang pemegang saham dan tiada had bagi pemilik saham berkenaan;
- iii. Pengurusan dan kawalan syarikat adalah di bawah tanggungjawab Lembaga Pengarah yang dilantik oleh pemegang saham; dan
- iv. Disenaraikan di Bursa Malaysia.

9.6 Syarikat koperasi

Koperasi adalah organisasi yang ditubuhkan untuk faedah bersama ahli dan didaftarkan di bawah Akta Koperasi 1993. Kumpulan wang yang ada adalah milik bersama untuk memenuhi keperluan ahli-ahlinya.

9.7 Perbadanan awam

Ia merupakan sebuah perbadanan yang ditubuhkan di bawah Akta Khas Parlimen atau Dewan Perundangan Negeri.

9.8 Pertubuhan persendirian tidak mencari keuntungan

Ia merujuk kepada syarikat tanpa saham yang ditubuhkan dengan tanggungan berhad. Kebanyakan syarikat ini terdiri daripada pertubuhan kebajikan, keagamaan, pendidikan, kesihatan, kebudayaan, rekreasi dan pertubuhan yang memberikan perkhidmatan sosial dan kemasyarakatan kepada isi rumah. Perkhidmatan diberikan secara percuma atau pada harga yang tidak melebihi kos perkhidmatan (subsidi). Sebarang keuntungan yang diperoleh dilabur semula ke dalam pertubuhan berkenaan.

10. STRUKTUR HAK MILIK

Hak milik sesebuah pertubuhan dikelaskan mengikut taraf residen pemilik/ pemilik-pemilik modal berbayar yang terbesar (melebihi 50%) dan bukannya mengikut taraf kewarganegaraan mereka. Dalam kes di mana setiap pihak (Residen Malaysia dan Bukan Residen Malaysia) memegang bilangan saham yang sama banyak dalam perniagaan berkenaan, maka pertubuhan tersebut telah dikelaskan di bawah "Hak Milik Bersama".

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

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

11. 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
- + Pendapatan operasi lain
- + Nilai jualan (barang/bahan yang dibeli untuk dijual semula tanpa melalui proses selanjutnya)
- + Perbelanjaan penyelidikan dan pembangunan (dalaman)
- + Harta tetap dibuat / dibina sendiri

12. NILAI INPUT PERANTARAAN

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 pekerja
- + Bayaran bagi perkhidmatan keselamatan
- + Bayaran sewa tidak termasuk sewa penggunaan tanah
- + Perbelanjaan operasi lain
- + Bayaran kepada Pengarah tidak bekerja kerana kehadiran mereka dalam mesyuarat Lembaga Pengarah
- + Nilai pakaian percuma yang disediakan dan kos latihan kepada pekerja
- + Stok akhir
- Stok awal

13. 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.

14. BILANGAN PEKERJA

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

14.1 Pemilik yang bekerja dan pekerja keluarga tidak bergaji

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 tidak bergaji

Kategori ini meliputi semua ahli isi rumah kepada pemilik pertubuhan yang melaksanakan kerja tertentu (sepenuh masa atau sambilan) dan bekerja sekurang-kurangnya satu pertiga daripada waktu bekerja biasa yang diamalkan oleh pertubuhan berkenaan tanpa mendapat bayaran secara tetap, sama ada dalam bentuk wang tunai atau harta benda bagi kerja yang dilakukan. Biasanya pekerja berkenaan mendapat makanan, tempat tinggal dan bantuan lain sebagai sebahagian daripada ahli isi rumah pemilik tersebut dan terus mendapatnya sama ada ia bekerja atau tidak dalam pertubuhan itu.

14.2 Pekerja bergaji (sepenuh masa)

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

i. Pengurus, profesional dan penyelidik meliputi:

a. Pengurus

Merujuk kepada mereka yang menggubal, menganalisa, merumus, mengarah dan memberi nasihat tentang dasar kerajaan, dan membuat, memansuhkan undang-undang, kaedah dan peraturan awam, dan mewakili serta bertindak bagi pihak kerajaan, dan memantau pentafsiran dan pelaksanaan dasar dan undang-undang kerajaan, atau menjalankan tugas yang seumpamanya bagi pihak pertubuhan

14. BILANGAN PEKERJA (SAMB.)

berkepentingan khas, atau mengatur, memimpin, mengawal dan menyelaraskan dasar dan aktiviti perusahaan, organisasi, jabatan atau seksyen dalamnya; dan

b. Profesional

Merujuk kepada mereka yang bertanggung jawab untuk meningkatkan ilmu pengetahuan sedia ada, mengaplikasikan konsep dan teori saintifik atau artistik, mengajar tentang perkara tersebut dengan cara bersistematik, atau terlibat dalam apa-apa gabungan tiga aktiviti di atas.

ii. Juruteknik dan profesional bersekutu

Merujuk kepada mereka yang melakukan tugas teknikal dan tugas yang berkaitan dengan penyelidikan dan pengaplikasian konsep sains atau seni dan kaedah operasi, dan peraturan kerajaan atau perniagaan.

iii. Perkeranian, pekerja perkhidmatan & jualan, kemahiran khas, operator mesin & loji dan pekerjaan yang berkaitan:

a. Pekerja sokongan perkeranian

Merujuk kepada mereka yang merekod, mengurus, menyimpan dan mendapatkan maklumat yang berkaitan, dan menjalankan tugas-tugas perkeranian berhubung dengan operasi pentadbiran, pengendalian wang, urusan perjalanan, permintaan maklumat dan janji temu;

b. Pekerja perkhidmatan dan jualan

Merujuk kepada mereka yang menyediakan perkhidmatan peribadi berkaitan dengan perjalanan, pengemasan, katering, penjagaan diri, atau perlindungan dari kebakaran dan undang-undang yang berkaitan, atau menunjuk cara dan menjual barangan di kedai borong atau runcit dan pertubuhan seumpamanya termasuk di gerai dan pasar;

c. Pekerja kemahiran dan pekerja pertukangan yang berkaitan

Merujuk kepada mereka yang mengaplikasikan pengetahuan dan kemahiran khusus dalam bidang perlombongan dan pembinaan, penempaan logam, dan mendirikan struktur logam; membuat, melaraskan, menyelenggara dan membaiki pulih jentera, kelengkapan atau peralatan; menjalankan kerja pencetakan; dan mengeluarkan atau memproses barang makanan, tekstil atau kayu, logam dan barangan lain termasuk barang kraftangan; dan

14. BILANGAN PEKERJA (SAMB.)**d. Operator mesin & loji, dan pemasang**

Merujuk kepada mereka yang mengendalikan dan mengawasi jentera dan kelengkapan perindustrian dan pertanian; memandu dan mengendalikan kereta api, kenderaan bermotor, jentera dan kelengkapan bergerak; atau memasang bahagian komponen produk mengikut spesifikasi dan prosedur yang ketat.

iv. Pekerja asas

Merujuk kepada mereka yang menjalankan tugas yang mudah, rutin dan tidak sistematik yang biasanya memerlukan penggunaan perkakas tangan atau dengan sokongan mesin yang mudah, dan memerlukan tenaga fizikal yang banyak.

14.3 Pekerja bergaji (sambilan)

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

15. KATEGORI KEMAHIRAN

Kategori kemahiran telah dikelaskan berdasarkan Piawaian Pengkelasan Pekerjaan Malaysia (MASCO) 2020 adalah seperti berikut:

i. Pekerja mahir

Pengurus dan profesional, penyelidik, juruteknik dan profesional bersekutu;

ii. Pekerja separuh mahir

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

iii. Pekerja berkemahiran rendah

Pekerja asas.

16. GAJI & UPAH

Semua pembayaran (gaji, upah, bonus, komisen, bayaran lebih masa dan elaun tunai termasuk belanja sara hidup, perumahan, kereta, makanan dan sebagainya) yang dibuat sepanjang tahun rujukan meliputi semua pekerja bergaji dalam setiap kategori pekerja yang diambil secara langsung termasuk jumlah bayaran yang dibuat adalah sebelum ditolak cukai pendapatan dan caruman pekerja kepada Kumpulan Wang Simpanan Pekerja (KWSP) / Pertubuhan Keselamatan Sosial (PERKESO) / Kumpulan wang simpanan lain/ Kumpulan Wang Persaraan (KWAP). Caruman majikan kepada kumpulan wang yang di atas hendaklah dikecualikan.

17. 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. Ini termasuk tanah, bangunan & struktur, alat pengangkutan, komputer, jentera & kelengkapan, perabot & pemasangan dan harta lain. Harta lain meliputi aset biologi iaitu pokok/ tanaman (kecuali pokok balak yang bertujuan untuk pembalakan), ternakan dan perikanan akuakultur yang mengeluarkan hasil berulang kali dan mempunyai jangka hayat lebih daripada satu tahun.

Nilai harta tetap awal dan akhir bagi tahun rujukan 2022 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.

18. PERTUBUHAN MILIKAN WANITA

Pertubuhan milikan wanita merujuk kepada pertubuhan sekurang-kurangnya 51 peratus pemilikan ekuiti dipegang oleh wanita ATAU pemegang saham terbesar adalah wanita dan pertubuhan diuruskan oleh wanita ATAU Ketua Pegawai Eksekutif atau Pengarah Urusan adalah wanita yang memiliki sekurang-kurangnya 10 peratus ekuiti.

19. PEMBUNDARAN

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

20. KADAR PERTUMBUHAN TAHUNAN DIKOMPAUN (CAGR)

Pengiraan kadar pertumbuhan tahunan dikompaun (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

21. SIMBOL DAN SINGKATAN

-	: tiada
%	: peratus
&	: dan
>	: lebih daripada
<	: kurang daripada
}	: digabungkan
RM	: Ringgit Malaysia
dll.	: dan lain-lain
samb.	: sambungan
spt.	: seperti
t.t.t.l.	: tidak terkelas di tempat lain
W.P.	: Wilayah Persekutuan

1. SCOPE AND COVERAGE

This census covered all registered establishments engaged in Professional Services which include main activities as follows:

- i. Architectural 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 version 1.0. in accordance with the International Standard Industrial Classification of All Economic Activities (ISIC), Revision 4, 2008. The complete list of industries 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*

3. TYPE OF BUSINESS ACTIVITY

The type of business activity refers to both principal and secondary activities. The principal activity refers to the activity to which the establishment devoted most of its resources or to which it contributes the largest income. Secondary activities are defined as those incidental or ancillary to the principal activity. The classification of the industry of the establishment is based on the principal activity and is in accordance to the Malaysia Standard Industrial Classification (MSIC) 2008 Ver.1.0. The MSIC 2008 Ver.1.0 conforms to the International Standard Industrial Classification of All Economic Activities.

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.

4. CONCEPTS AND DEFINITIONS (CONT.)

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.

4. CONCEPTS AND DEFINITIONS (CONT.)

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.

4. CONCEPTS AND DEFINITIONS (CONT.)

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.

4. CONCEPTS AND DEFINITIONS (CONT.)

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. CENSUS YEAR

Refers to the year in which a census was conducted.

6. REFERENCE YEAR

The reference year of the census was the calendar year 2022. Establishments whose accounting year differed from calendar year were requested to report according to the accounting year or financial year covering at least six (6) months in the reference year.

7. **METHOD OF COLLECTION**

This census was generally conducted through three (3) methods of data collection, namely:

7.1 Online method through the e-BE portal

This method targets respondents who have used this method for previous routine surveys.

7.2 Data collection via e-mail, post, fax and telephone

This method targets respondents who have used this method for previous routine surveys. Respondents were given a period of one month to complete and return the questionnaire to the DOSM.

7.3 Face-to-face data collection

Field work operation is carried out to get feedback from establishments that have not yet given answers from the two methods above and this method also targets establishments that have never been involved in a routine survey of DOSM.

8. **REPORTING UNIT**

*The reporting unit used in the Economic Census 2023 was the **establishment**. An establishment is 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 to an industry classification based on its principal activity.*

Each branch of a multi-branch organisation at a different location was conceptually treated as a different establishment. The establishment was requested to give separate returns for each activity in terms of value. However, if in practice, the accounts were centrally kept such that it was not possible to obtain separate data for each individual unit or branch. That entity or enterprise was treated as a single reporting unit and allowed to submit a consolidated questionnaire covering all units or branches.

9. **LEGAL STATUS**

The legal status of an establishment is defined as follows:

9.1 Individual proprietorship

This refers to a business, owned and operated by one person for his own profit. The owner has the exclusive right to control the operation of the establishment.

9.2 Partnership

This refers to a group of individuals who agree to contract and to carry out a business with the objective of profit making. All shareholders or anyone could manage the business for all parties. A trading partnership must comprise of at least two members and should not exceed a maximum of twenty members.



9. LEGAL STATUS (CONT.)

9.3 Limited liabilities partnership

Refers to business entity regulated under the Limited Liability Partnerships Act 2012. It is featured with the protection of limited liability to its partners similar to the limited liability enjoyed by shareholders of a company coupled with flexibility of internal business regulation through partnership arrangement similar to a conventional partnership.

9.4 Private limited company

A private company established to undertake a business with the objective of making a profit. The shares are closely held by the shareholders of the company who have control over its operation.

Characteristics:

- i. Regulated under the Companies Act 1965 and is a legal entity separate from the owners;*
- ii. Number of its shareholders between 2 - 50 members;*
- iii. Company owners have limited liability;*
- iv. Shareholders who own 51 per cent or more of the total shares shall be entitled to manage the company. The company's shares can be traded but not in the open market;*
- v. Trading of share must be with the consent of the other shareholders;*
- vi. Not listed on the Stock Exchange; and*
- vii. Business life expectancy is longer and can be identified by the words "Sendirian Berhad" (Sdn. Bhd.) at the end of the company name.*

9.5 Public limited company

A public limited company is a company established with limited liability, by a minimum of two persons to operate the business with the objective of making a profit. The shares in a public limited company are openly held and in the case of company listed on the Bursa Malaysia, the shares are freely transferable.

Characteristics:

- i. Regulated under the Companies Act 1965 and is a legal entity separate from the owner;*
- ii. Owned by the shareholders and there is no limit to the shareholder;*

9. LEGAL STATUS (CONT.)

- iii. *Management of the company is under the board of director responsibilities as appointed by shareholders; and*
- iv. *Listed on Bursa Malaysia.*

9.6 Co-operative

This refers to a voluntary association with unrestricted number of members and registered under the Co-operatives Act 1993. Funds are collectively owned to meet the needs of members.

9.7 Public corporation

This refers to an undertaking set up under a Special Act Parliament or by the State Legislature.

9.8 Private non-profit making organization

This is non-stock company set up with limited liability. It comprises mainly welfare, religious, educational, health, cultural, recreational and other organisations providing social and community services to households. These services are provided free of charge or at prices, which do not necessarily or fully cover the cost of providing such services (subsidy). Any profit made is reinvested in the organisation.

10. OWNERSHIP

The ownership of an establishment is classified by the residential status of the owner (s) of the majority (more than 50%) of the paid-up capital and not by their citizenship status. In instances where each party (Malaysian Resident and Non-Malaysian Resident) held equal shares in the business, the establishments were classified as "Joint Ownership".

A Malaysian Resident is any individual, company or other organization ordinarily domiciled in Malaysia for a period of at least one year. Malaysian registered branches and incorporated subsidiaries of foreign based/origins are also regarded as Residents.

A Non-Malaysian Resident is any individual, company or other organization ordinarily domiciled in a country other than Malaysia. Foreign branches and/or subsidiaries abroad owned by Malaysian Residents are also regarded as Non-Residents.



11. 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*
- + *Other operating income*
- + *Value of sales (goods/materials purchased for resale without undergoing further processing)*
- + *Research and development expenditure (in-house)*
- + *Build / self-produced fixed assets*

12. VALUE OF INTERMEDIATE INPUT

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*
- + *Fees paid to non-working directors for their attendance at Board of Directors' meetings*
- + *Value of free wearing apparel provided and staff training cost*
- + *Closing stock*
- *Opening stock*

13. VALUE ADDED

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

14. 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:

14.1 Working proprietors and unpaid family workers

i. Working proprietors and active business partners

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, it excludes silent and inactive partners.

ii. Unpaid family workers

This is defined as all persons (full-time or part-time) in the household of any of the owners of the establishment who perform a specified job and work for a minimum of one third of the normal working time for the establishment, but do not receive regular payment either in cash or in kind for the work done. Such workers generally receive food, shelter and other support as part of the household of an owner but this would continue whether they worked in the establishment or not.

14.2 Paid employees (full-time)

This is defined as all paid workers who work for at least 6 hours a day and at least 20 days a month.

i. Manager, professional and researcher included:

a. Manager

Refer to those who devise, analyse, formulate, direct and advise on government policy, and make, amend and repeal laws, public rules and regulations, and represent and act on behalf of the government, and oversee the interpretation and implementation of policies and government legislation, or carry out similar tasks on behalf of special interest organisations, or plan, organise, lead, control and coordinate the policies and activities of enterprises, organisations, departments or the internal section; and

b. Professional

Refer to those responsible for increase the existing stock of knowledge, apply scientific or artistic concepts and theories, teach about the foregoing in a systematic manner, or engage in any combination of these three activities.

14. NUMBER OF PERSONS ENGAGED (CONT.)

ii. Technicians and associate professionals

Refer to those who perform technical and related tasks connected with research and the application of scientific or artistic concepts and operational methods, and government or business regulations.

iii. Clerical, services & sales workers, craft workers, plant & machine operators and related occupations includes:

a. Clerical support workers

Refer to those who record, organise, store and retrieve related information and perform clerical duties especially in connection with administrative operations, handling of money, travel arrangements and requests for information and appointments;

b. Service and sales workers

Refer to those who provide personal services related to travel, housekeeping, catering, personal care, or protection against fire and unlawful acts, or demonstrate and sell goods in wholesale or retail shops and similar establishments as well as at stalls and markets;

c. Craft and related trades workers

Refer to those who apply their specific knowledge and skills in the fields of mining and construction, metal forming, and erect metal structures, make, fit, maintain and repair machinery, equipment or tools, carry out printing work as well as produce or process foodstuffs, textiles, or wooden, metal and other articles including handicraft goods; and

d. Plant & machine operators, and assemblers

Refer to those who operate and monitor industrial and agricultural machinery and equipment, drive and operate trains, motor vehicles and mobile machinery and equipment, or assemble product component parts according to strict specifications and procedures.

iv. Elementary occupations

Refer to those who perform simple, routine and non-systematic tasks which mainly require the use of handheld tools or with the assistance of simple machines, and in some cases considerable physical effort.

14. NUMBER OF PERSONS ENGAGED (CONT.)

14.3 Paid part-time employees

This is defined as all paid workers who work for less than 6 hours a day and/or less than 20 days a month.

15. CATEGORY OF SKILLS

Category of skills has been categorized according to Malaysia Standard Classification of Occupations (MASCO) 2020 as follow:

i. High-skilled workers

Managers and professionals, researcher, technician and associate professionals;

ii. Semi-skilled workers

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

iii. Low-skilled workers

Elementary occupations.

16. SALARIES & WAGES

All payments (salaries, wages, bonuses, commissions, overtime pay and cash allowances including cost of living, housing, car, food, etc.) made throughout the reference year to all paid employees in each category. For all directly employed workers, total payments made before deductions for income tax and employees' contributions to Employees' Provident Fund (EPF) / Social Security Organisation (SOCSO) / Other provident/ Retirement Funds Incorporated (KWAP). The employer's contribution to such funds as mentioned above should be excluded.

17. VALUE OF FIXED ASSETS

Fixed assets cover all goods, new or used, tangible or intangible, which have a normal economics life span of more than one year. For instance land, building & structure, transport equipment, computer, machinery & equipment, furniture & fittings and other assets. Other assets also include biological assets namely trees/ crops (except for logging trees that intended for logging), livestock and aquaculture fisheries which can produce products repeatedly and have a life expectancy of more than one year.

Value of assets as at the beginning and end of 2022 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 refers to the actual value.

18. WOMEN-OWNED ESTABLISHMENT

Women-owned establishment refers to a minimum of 51 per cent of the equity held by a women OR the biggest shareholders are women and the establishment is managed by a women OR the Chief Executive Officer or Managing Director is women that owns at least 10 per cent of the equity.

19. ROUNDING

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

20. COMPOUND ANNUAL GROWTH RATE (CAGR)

The calculation of compound 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_t = Value at current year

Y_o = Value at previous year

t = Number of years, $Y_t - Y_o$

r = Annual growth rate

21. SYMBOLS AND ABBREVIATIONS

-	: nil
%	: per cent
&	: and
>	: more than
<	: less than
}	: combined
RM	: Ringgit Malaysia
etc.	: et cetera
cont.	: continue
i.e	: that is
n.e.c	: not elsewhere classified
W.P.	: Federal Territory

Lampiran

Appendix

PIAWAIAAN 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

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

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PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES

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

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

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

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

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PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES

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

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