



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

BANCI EKONOMI ECONOMIC CENSUS 2023

STATISTIK PEKERJA DAN GAJI & UPAH EMPLOYMENT AND SALARIES & WAGES STATISTICS

Pemakluman

Kepengerusian ASEAN-Malaysia 2025: Jabatan Perangkaan Malaysia (DOSM) akan mempengerusikan Jawatankuasa Sistem Statistik Komuniti ASEAN Ke-15 (ACSS15) yang bertujuan untuk memperkukuh kerjasama statistik ke arah pembangunan serantau yang mampan.

Malaysia buat julung kalinya berjaya menduduki tempat pertama di peringkat global dalam laporan dwitahunan *Open Data Inventory (ODIN)* 2024/25 dikeluarkan *Open Data Watch (ODW)* dengan mengatasi 198 buah negara yang lain. Pencapaian ini merupakan lonjakan ketara daripada kedudukan ke-67 dalam penilaian ODIN 2022/23.

Kerajaan Malaysia telah mengisytiharkan 20 Oktober sebagai Hari Statistik Negara (*MyStats Day*), dengan tema 'Statistik Nadi Kehidupan'. Sementara itu, Hari Statistik Dunia Keempat akan disambut pada 20 Oktober 2025 dengan tema '*Driving Change with Quality Statistics and Data for Everyone*'.

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>.

Announcement

ASEAN-Malaysia 2025 Chairmanship: Department of Statistics Malaysia (DOSM) will chair the 15th ASEAN Community Statistical System Committee (ACSS15) which aim to strengthen the statistical cooperation towards sustainable regional development.

Malaysia has, for the first time, successfully recorded the top position globally in biennial Open Data Inventory (ODIN) 2024/25 report released by Open Data Watch (ODW), surpassing 198 other countries. This achievement marks a significant leap from its 67th position in the ODIN 2022/23 assessment.

The Government of Malaysia has declared October 20th as National Statistics Day (MyStats Day), with the theme 'Statistics is the Essence of Life'. Meanwhile, the Fourth World Statistics Day will be celebrated on 20 October 2025, with the theme 'Driving Change with Quality Statistics and Data for Everyone'.

OpenDOSM NextGen is a medium that provides a catalog of data and visualisations to facilitate users' analysis and can be accessed through <https://open.dosm.gov.my>.

JABATAN PERANGKAAN MALAYSIA
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“Sumber: Jabatan Perangkaan Malaysia”

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KATA PENGANTAR

Penerbitan Banci Ekonomi 2023 Statistik Pekerja dan Gaji & Upah ini memaparkan statistik pekerja dan gaji & upah keseluruhan sektor ekonomi bagi tahun rujukan 2022. Ia merangkumi aktiviti ekonomi dalam sektor Pertanian, Perlombongan & pengkuarian, Pembuatan, Pembinaan dan Perkhidmatan. Statistik ini diperoleh daripada Banci Ekonomi 2023 yang meliputi semua pertubuhan yang dikelaskan di bawah Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Versi 1.0, selaras dengan *International Standard Industrial Classification of All Economic Activities (ISIC), Revision 4*.

Statistik utama yang dipaparkan di dalam penerbitan ini meliputi data bilangan pekerja, jumlah dan purata gaji & upah, output per pekerja dan kos buruh. Data tersebut boleh digunakan oleh agensi kerajaan, ahli ekonomi, ahli akademik, pihak swasta serta individu bagi tujuan membuat perancangan dan penggubalan dasar, analisis ekonomi, unjuran dan dapat membantu merancang pembangunan perniagaan.

Penerbitan ini dibahagikan kepada empat (4) bahagian. Bahagian pertama memaparkan sorotan utama, diikuti dengan bahagian kedua, mengandungi ringkasan penemuan bagi keseluruhan sektor ekonomi. Manakala bahagian ketiga mengandungi jadual statistik terperinci dan bahagian berikutnya merangkumi aspek teknikal, termasuk skop dan liputan, konsep dan definisi serta penjelasan berkaitan pemboleh ubah utama.

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

DATO' SRI DR. MOHD UZIR MAHIDIN

Ketua Perangkawan Malaysia

Jun 2025

PREFACE

The Economic Census 2023 Employment and Salaries & Wages Statistics publication presents the principal statistics for all economic sectors for the reference year 2022. It covers economic activities in the Agriculture, Mining & quarrying, Manufacturing, Construction and Services sectors. These statistics were obtained from the Economic Census 2023, which includes all establishments classified under the Malaysia Standard Industrial Classification (MSIC) 2008 Version 1.0, following the International Standard Industrial Classification of All Economic Activities (ISIC), Revision 4.

Principal statistics shown in this publication cover the statistics for number of persons engaged, total and average of salaries & wages, output per employment and labour cost. The data can be used by government agencies, economists, academicians, private sectors and individuals for planning and policy formulations, economic analysis, projections and business development planning.

This publication is divided into four (4) parts. The first part displays the main highlights, followed by the second part, which contains a summary of findings for the overall economic sector. Meanwhile, the third part provides detailed statistical tables and the following section covers technical aspects, including scope and coverage, concepts and definitions and explanations of key variables.

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

DATO' SRI DR. MOHD UZIR MAHIDIN

Chief Statistician Malaysia

June 2025

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B/E/23

BANCI EKONOMI 2023

DATA PEMANGKIN EKONOMI NEGARA

STATISTIK PEKERJA DAN GAJI & UPAH

BILANGAN PEKERJA ('000)

Seramai **10,004.3** ribu pekerja direkodkan pada tahun 2022, meningkat secara purata **1.8** peratus setahun antara 2015 hingga 2022.



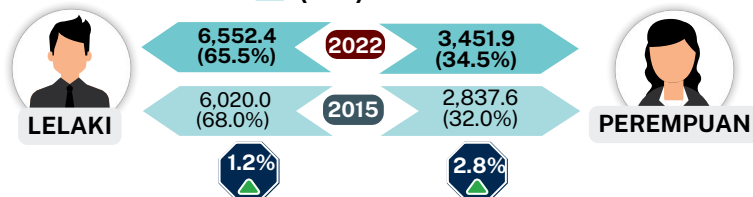
JUMLAH GAJI & UPAH (RM juta)



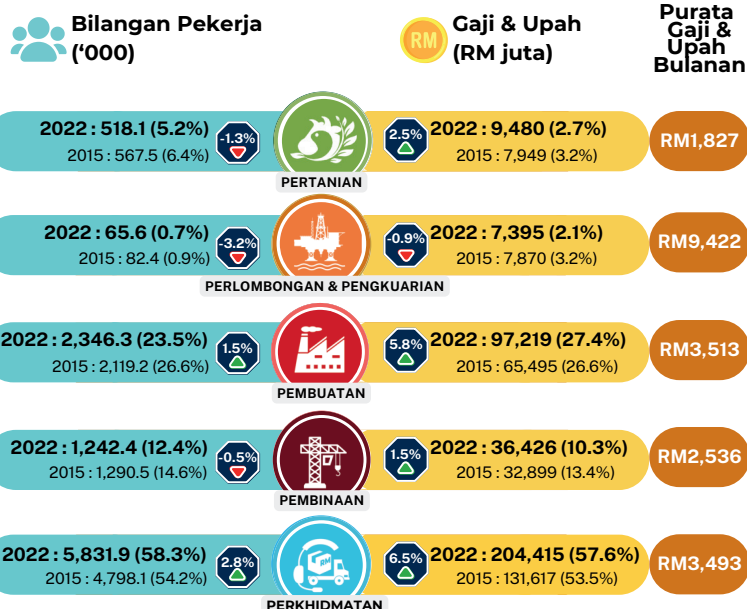
Sebanyak **RM354,935** juta gaji & upah dibayar pada tahun 2022 berbanding **RM245,830** juta pada tahun 2015.

JANTINA

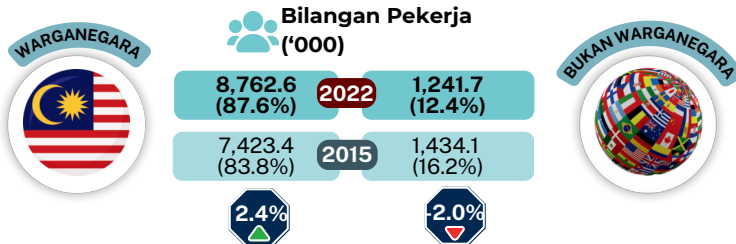
Bilangan Pekerja ('000)



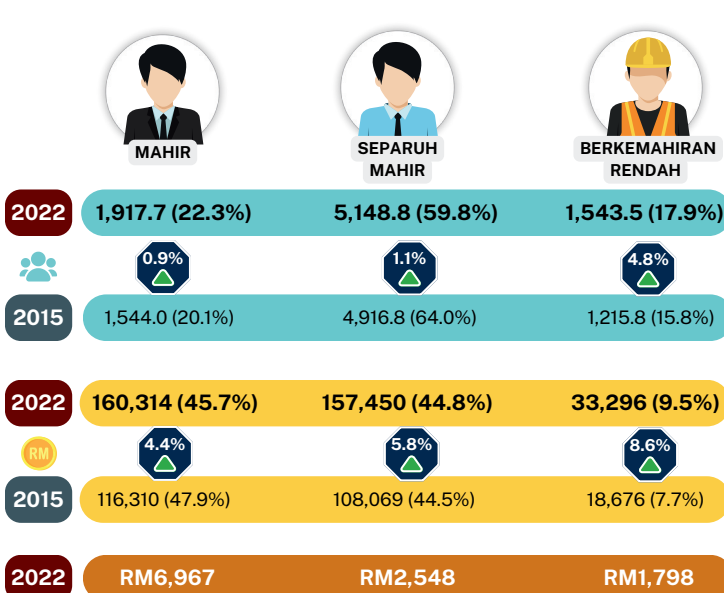
AKTIVITI EKONOMI



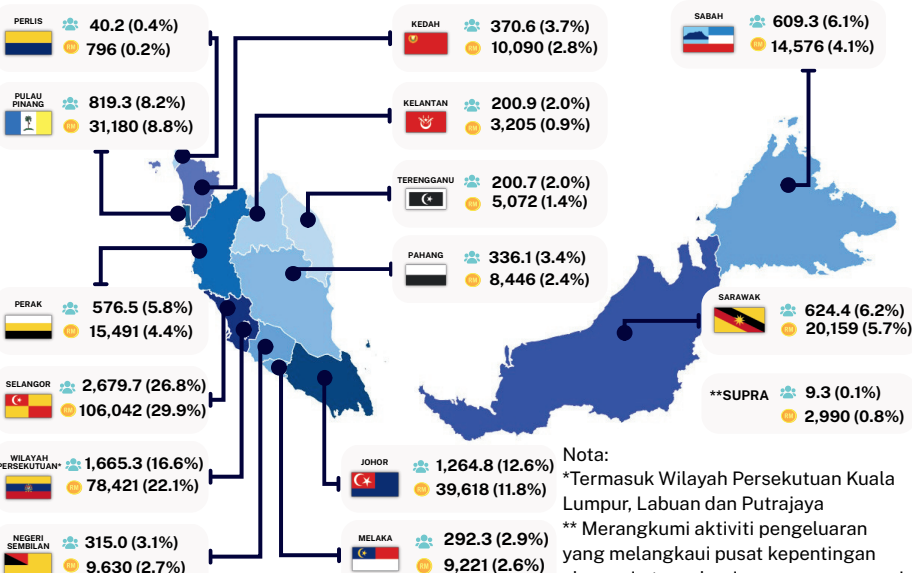
KEWARGANEGARAAN



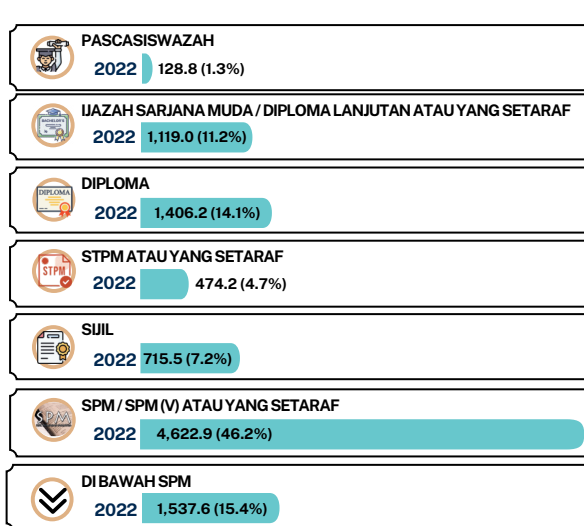
KEMAHIRAN



NEGERI



PENDIDIKAN



PURATA GAJI & UPAH BULANAN

Purata gaji & upah bulanan pada tahun 2022 adalah **RM3,332**, meningkat **3.7 peratus** CAGR berbanding tahun 2015.

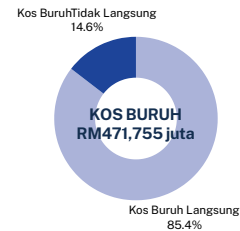


OUTPUT PER PEKERJA



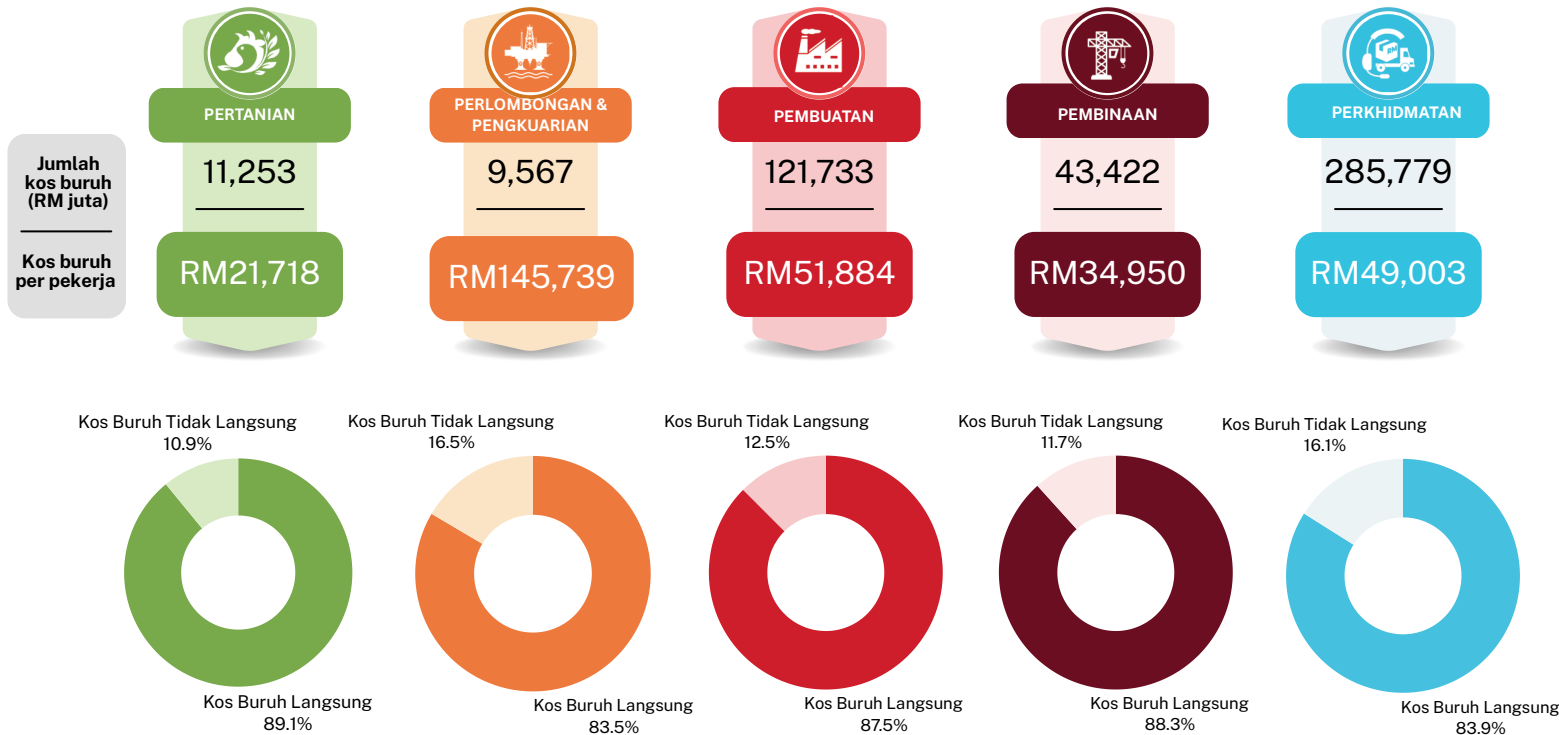
Pada tahun 2022, output per pekerja mencatatkan peningkatan pada kadar perubahan tahunan sebanyak **4.6 peratus** (RM385,015 per pekerja).

KOS BURUH



Pada tahun 2022, kos buruh berjumlah **RM471,755 juta**, dengan **kos buruh langsung** merangkumi sebahagian besar daripada keseluruhan kos buruh (**RM402,769 juta; 85.4%**), manakala **kos buruh tidak langsung** mencatatkan **RM68,986 juta (14.6%)**.

KOS BURUH MENGIKUT AKTIVITI EKONOMI

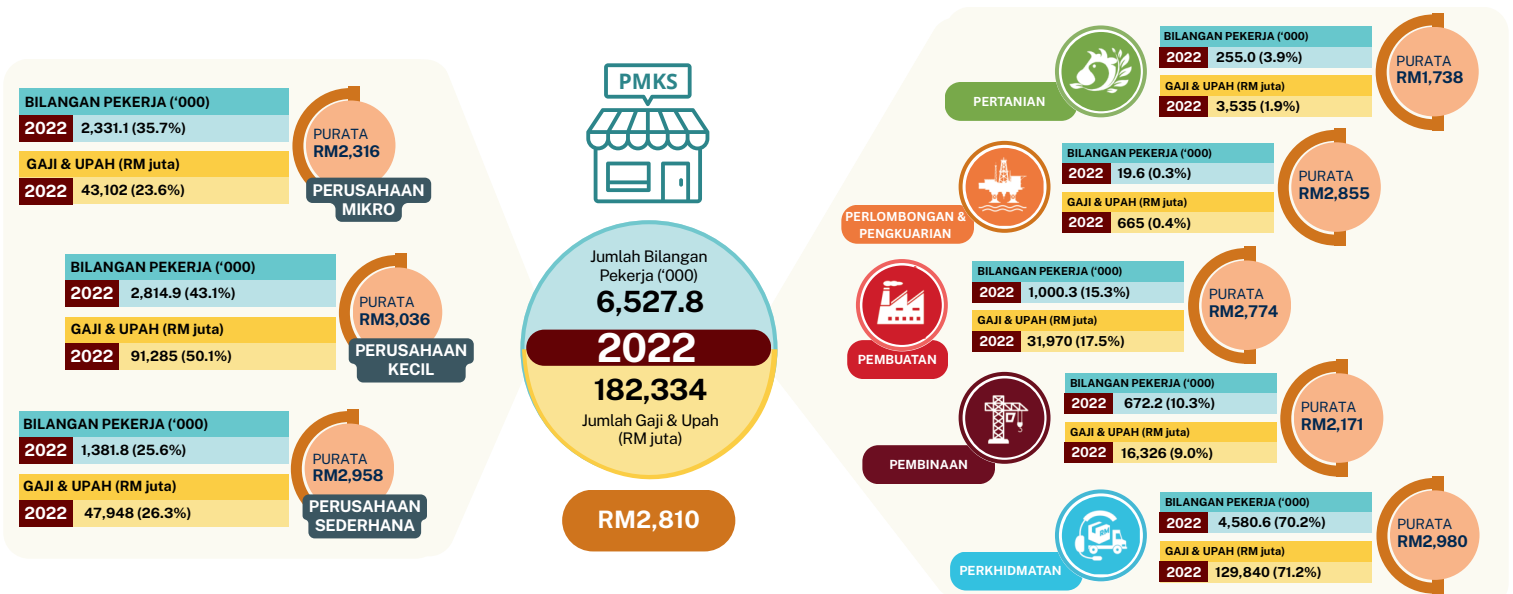


Nota:

Kos Buruh Langsung merangkumi Gaji & upah dibayar, Bayaran pampasan, persaraan / pemberhentian kepada pekerja, Bayaran berbentuk manfaat kepada pekerja bergaji, Bayaran kepada pengarah tidak bekerja kerana kehadiran mereka dalam mesyuarat Lembaga Pengarah dan Perbelanjaan pembayaran berasaskan saham kepada pekerja.

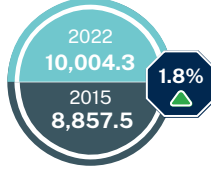
Kos Buruh Tidak Langsung merangkumi Caruman majikan, Nilai pakaian percuma yang disediakan, Kos latihan kepada pekerja, Kos pengangkutan pekerja (pergi dan balik dari tempat kerja), Bayaran levi pekerja dan Kos pekerja lain.

PERUSAHAAN MIKRO, KECIL DAN SEDERHANA (PMKS)



NUMBER OF PERSONS ENGAGED ('000)

A total of **10,004.3** thousand employed persons were recorded in 2022, increasing at an average annual rate of **1.8 per cent** from 2015 to 2022.



TOTAL SALARIES & WAGES (RM MILLION)

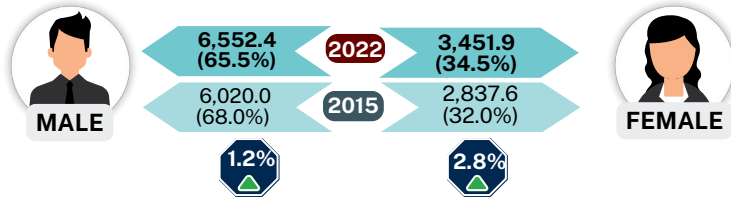


A total of **RM354,935 million** in salaries and wages was paid in 2022, compared to **RM245,830 million** in 2015.

EMPLOYMENT AND SALARIES & WAGES STATISTICS

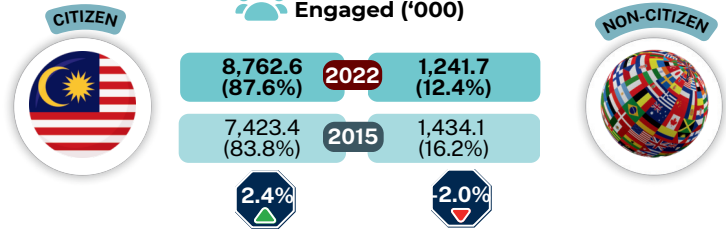
SEX

Number of Persons Engaged ('000)



CITIZENSHIP

Number of Persons Engaged ('000)

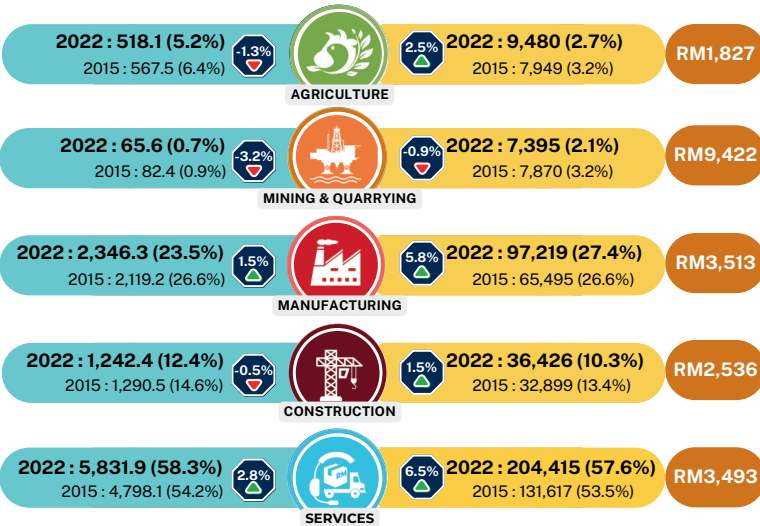


ECONOMIC ACTIVITY

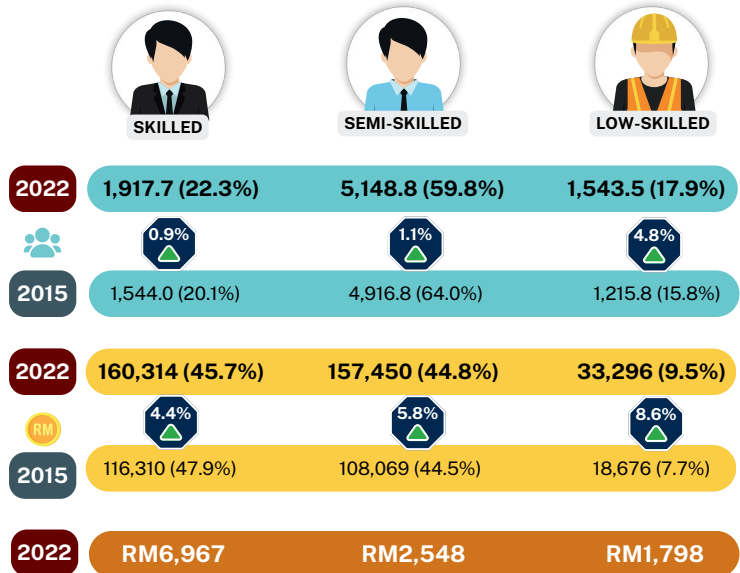
Number of Persons Engaged ('000)

Salaries & Wages (RM million)

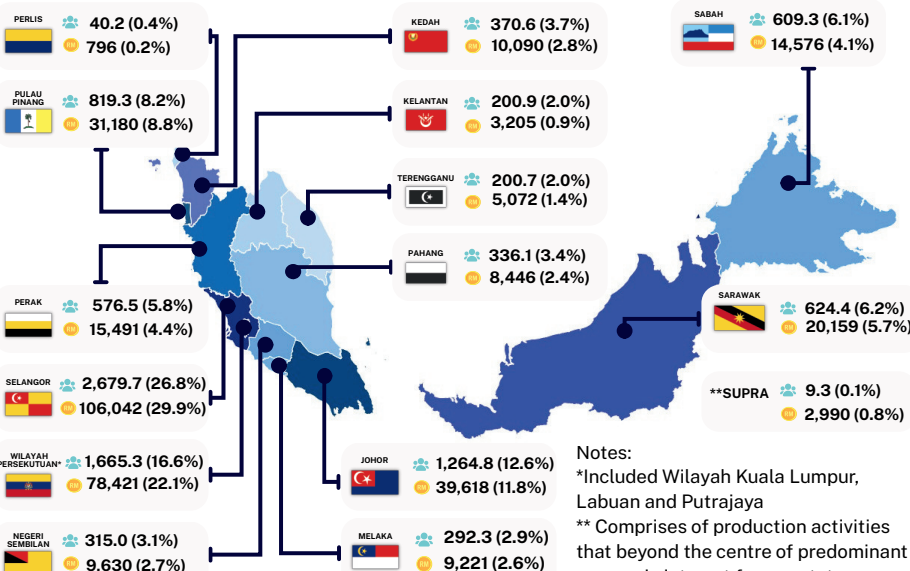
Average Monthly Salaries & Wages



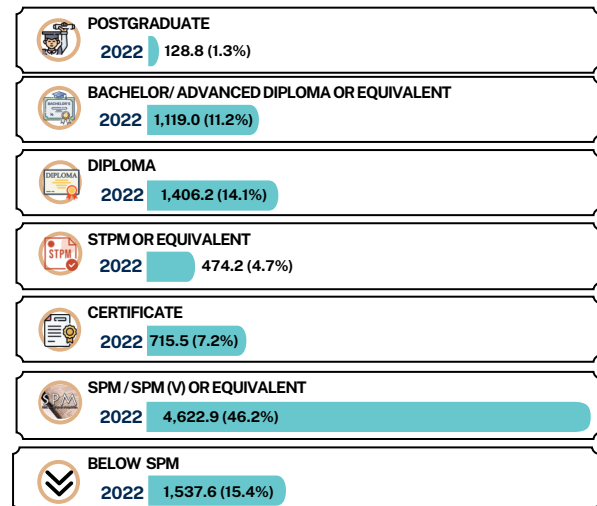
SKILLS



STATE

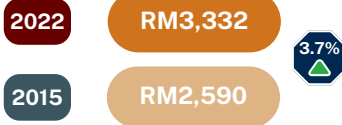


QUALIFICATION



AVERAGE MONTHLY SALARIES & WAGES

The average monthly salaries & wages in 2022 is **RM3,332**, an increase of **3.7 per cent CAGR** compared to 2015.

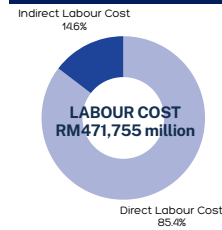


OUTPUT PER EMPLOYMENT



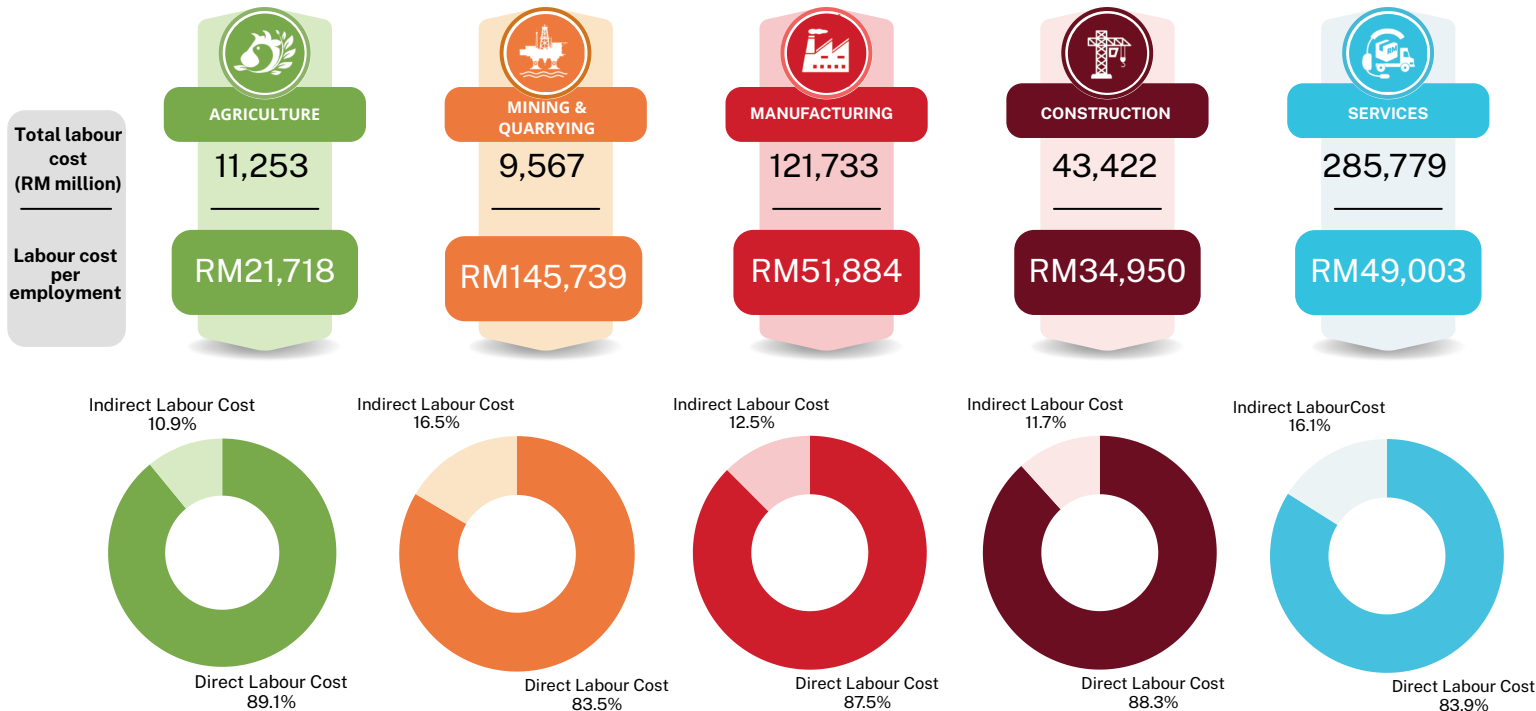
In 2022, output per employment recorded an annual growth rate of **4.6 per cent** (RM385,015 per employment).

LABOUR COST



In 2022, labour costs amounted to **RM471,755 million**, with **direct labour costs** comprising the majority of the labour costs (**RM402,769 million; 85.4%**), while **indirect labour costs** amounted to **RM68,986 million (14.6%)**.

LABOUR COST BY ECONOMIC ACTIVITY

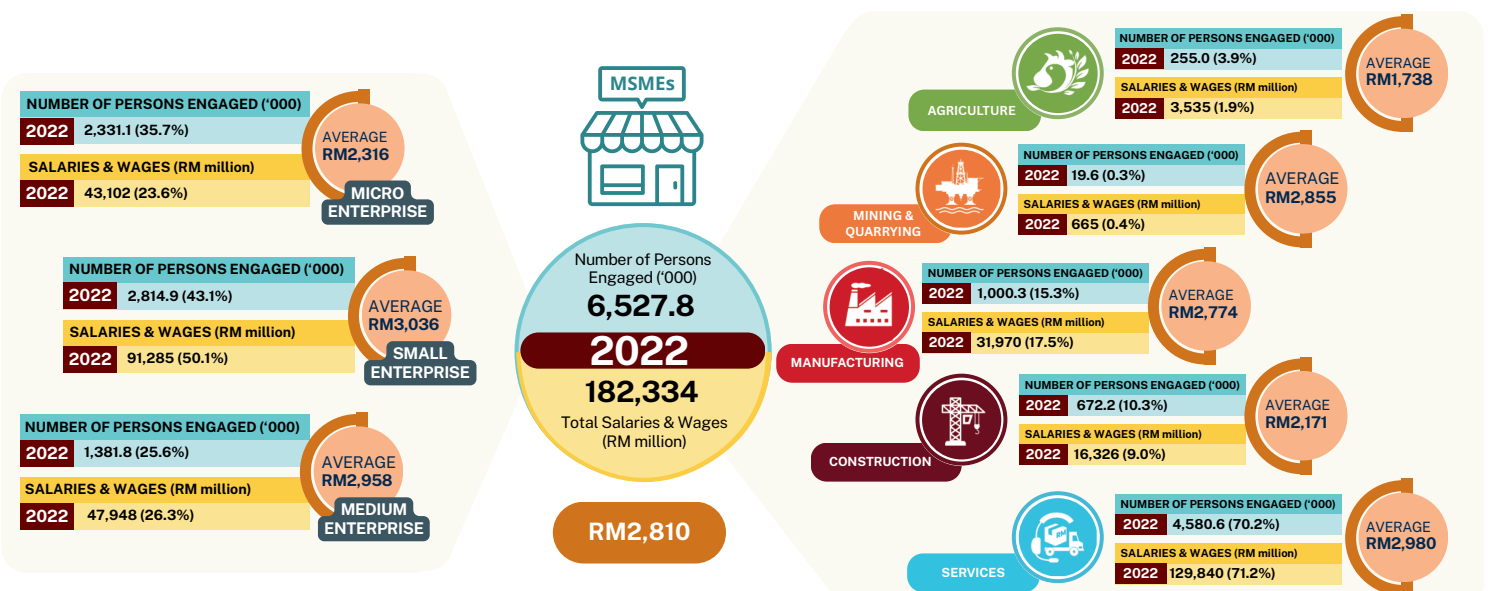


Note:

Direct labour costs include Salaries and wages paid, Compensation payments, retirement/termination benefits to employees, Benefits in kind paid to salaried employees, Payments to non-executive directors for their attendance at Board meetings, and Share-based payment expenses to employees.

Indirect labour costs include Employer contributions, Value of free uniforms provided, Training costs for employees, Employee transportation costs (to and from the workplace), Employee levy payments, and Other employee-related costs.

MICRO, SMALL AND MEDIUM ENTERPRISES (MSMEs)



RINGKASAN PENEMUAN

SUMMARY OF FINDINGS

1. PENGENALAN

Banci Ekonomi 2023: Penerbitan Statistik Pekerja dan Gaji & Upah memaparkan maklumat tentang bilangan pekerja, gaji & upah, output per pekerja dan kos buruh mengikut aktiviti ekonomi. Penerbitan ini memfokuskan kepada bilangan pekerja dalam sektor formal swasta Malaysia berdasarkan Banci Ekonomi 2023 bagi tahun rujukan 2022.

2. BILANGAN PEKERJA DAN GAJI & UPAH 2022

2.1 Prestasi Keseluruhan

Guna tenaga Malaysia mencapai 10,004.3 ribu orang pada tahun 2022, merekodkan purata kadar pertumbuhan tahunan sebanyak 1.8 peratus daripada 8,857.5 ribu orang pada tahun 2015. Pada tempoh yang sama, jumlah gaji & upah dibayar meningkat 5.4 peratus secara tahunan, mencapai RM354,935 juta daripada RM245,830 juta pada tahun 2015. Secara purata, pekerja menerima gaji & upah sebanyak RM3,332 sebulan pada tahun 2022. **[Paparan 1]**

Paparan 1: Sorotan Utama Pekerja dan Gaji & Upah, 2022



Pada tahun 2022, seramai 10,004.3 ribu orang terlibat dalam pekerjaan dan sebanyak RM354,935 juta gaji & upah dibelanjakan. Secara purata, pekerja menerima sebanyak RM3,332 gaji & upah sebulan.



Sektor perkhidmatan kekal menjadi sektor terbesar, merangkumi 58.3 peratus daripada keseluruhan guna tenaga, diikuti oleh sektor Pembuatan dan Pembinaan. Sektor Perlombongan & pengkuarian menawarkan purata gaji & upah bulanan tertinggi, dan sektor Pertanian merekodkan yang terendah.



Lebih separuh daripada guna tenaga tertumpu di Selangor, W.P. Kuala Lumpur dan Johor.



Lelaki merangkumi hampir dua pertiga daripada guna tenaga, melepasi guna tenaga perempuan merentasi semua sektor.



Pekerja separuh mahir membentuk hampir 60 peratus daripada guna tenaga Malaysia, namun pekerja mahir, satu perlima daripada guna tenaga, menerima separuh daripada jumlah gaji & upah, menunjukkan variasi dalam purata gaji & upah merentasi tahap kemahiran.



Bukan warganegara mewakili satu daripada lapan orang pekerja, menurun daripada 16.2 peratus pada tahun 2015.



Kebanyakan pekerja mempunyai kelayakan SPM/ SPM (V) atau setaraf, khususnya dalam sektor Pertanian. Pekerja berpendidikan tertiar membentuk hampir satu pertiga guna tenaga, manakala 15.4 peratus pekerja mempunyai kelayakan di bawah SPM.



PMKS mempunyai 65.2 peratus daripada guna tenaga Malaysia dengan purata gaji & upah sebanyak RM2,810. Pekerja di perusahaan besar menerima RM4,145, 47.5 peratus lebih tinggi daripada PMKS.

2.2 Mengikut Aktiviti Ekonomi

Sektor Perkhidmatan terus menjadi pemacu utama guna tenaga, mewakili 58.3 peratus daripada keseluruhan pekerja atau bersamaan 5,831.9 ribu orang. Guna tenaga dalam sektor ini meningkat dengan kadar pertumbuhan tahunan dikompaun (CAGR) sebanyak 2.8 peratus daripada 4,798.1 ribu pekerja pada tahun 2015, mencerminkan peranannya sebagai pemacu utama bagi pertumbuhan ekonomi. Sektor Pembuatan merupakan penyumbang kedua terbesar, dengan 2,346.3 ribu orang (23.5%), mencerminkan peningkatan tahunan sebanyak 1.5 peratus daripada 2,119.2 ribu pekerja pada tahun 2015. Sebaliknya, sektor Pembinaan, Pertanian dan Perlombongan & pengkuarian menunjukkan penurunan dalam guna tenaga. Sektor Pembinaan yang berada di kedudukan ketiga, merekodkan penurunan dalam guna tenaga daripada 1,290.5 ribu pekerja pada tahun 2015 kepada 1,242.4 ribu pekerja pada tahun 2022 (CAGR: -0.5%). Begitu juga, sektor Pertanian menurun daripada 567.5 ribu pekerja pada tahun 2015 kepada 518.1 ribu pekerja pada tahun 2022, dengan CAGR sebanyak -1.3 peratus. Sementara itu, sektor Perlombongan & pengkuarian kekal sebagai penyumbang terkecil bagi pekerja, dengan hanya 65.6 ribu orang pada tahun 2022, merekodkan penurunan tahunan sebanyak 3.2 peratus sejak tahun 2015.

Dari segi gaji & upah dibayar, sektor Perkhidmatan merekodkan sumbangan terbesar, berjumlah RM204,415 juta, peningkatan tahunan sebanyak 6.5 peratus sejak tahun 2015, diikuti oleh sektor Pembuatan dengan RM97,219 juta (CAGR: 5.8%). Seterusnya, sektor Pembinaan merekodkan RM36,426 juta (CAGR: 1.5%). Sektor Pertanian dan Perlombongan & pengkuarian merekodkan gaji & upah terendah pada tempoh tersebut. Sektor Pertanian merekodkan RM9,480 juta dengan CAGR sebanyak 2.5 peratus, manakala sektor Perlombongan & pengkuarian mencatatkan RM7,395 juta dengan CAGR sebanyak -0.9 peratus.

Secara purata, pekerja dalam sektor Perlombongan & pengkuarian menerima gaji & upah bulanan tertinggi sebanyak RM9,422 pada tahun 2022 (2015: RM7,980). Sementara itu, sektor Pembuatan, Perkhidmatan dan Pembinaan masing-masing merekodkan purata gaji & upah bulanan sebanyak RM3,513 (2015: RM2,614), RM3,493 (2015: RM2,729) dan RM2,536 (2015: RM2,162). Sektor Pertanian menerima purata gaji & upah bulanan terendah sebanyak RM1,827 (2015: RM1,463).

[Papar 2]

Papar 2: Bilangan Pekerja, Gaji & Upah dan Purata Gaji & Upah Bulanan mengikut Aktiviti Ekonomi, 2015 & 2022

		JUMLAH	 PERTANIAN	 PERLOMBONGAN & PENGKUARIAN	 PEMBUATAN	 PEMBINAAN	 PERKHIDMATAN
Bilangan Pekerja ('000)	2022	10,004.3 (100%)	518.1 (5.2%)	65.6 (0.7%)	2,346.3 (23.5%)	1,242.4 (12.4%)	5,831.9 (58.3%)
	2015	8,857.5 (100%)	567.5 (6.4%)	82.4 (0.9%)	2,119.2 (23.9%)	1,290.5 (14.6%)	4,798.1 (54.2%)
		1.8% ▲	-1.3% ▼	-3.2% ▼	1.5% ▲	-0.5% ▼	2.8% ▲
Gaji & Upah (RM juta)	2022	354,935 (100%)	9,480 (2.7%)	7,395 (2.1%)	97,219 (27.4%)	36,426 (10.3%)	204,415 (57.6%)
	2015	245,830 (100%)	7,949 (3.2%)	7,870 (3.2%)	65,495 (26.6%)	32,899 (13.4%)	131,617 (53.5%)
		5.4% ▲	2.5% ▲	-0.9% ▼	5.8% ▲	1.5% ▲	6.5% ▲
Purata Gaji & Upah Bulanan	2022	RM3,332	RM1,827	RM9,422	RM3,513	RM2,536	RM3,493
	2015	RM2,590	RM1,463	RM7,980	RM2,614	RM2,162	RM2,729
		3.7% ▲	3.2% ▲	2.4% ▲	4.3% ▲	2.3% ▲	3.6% ▲

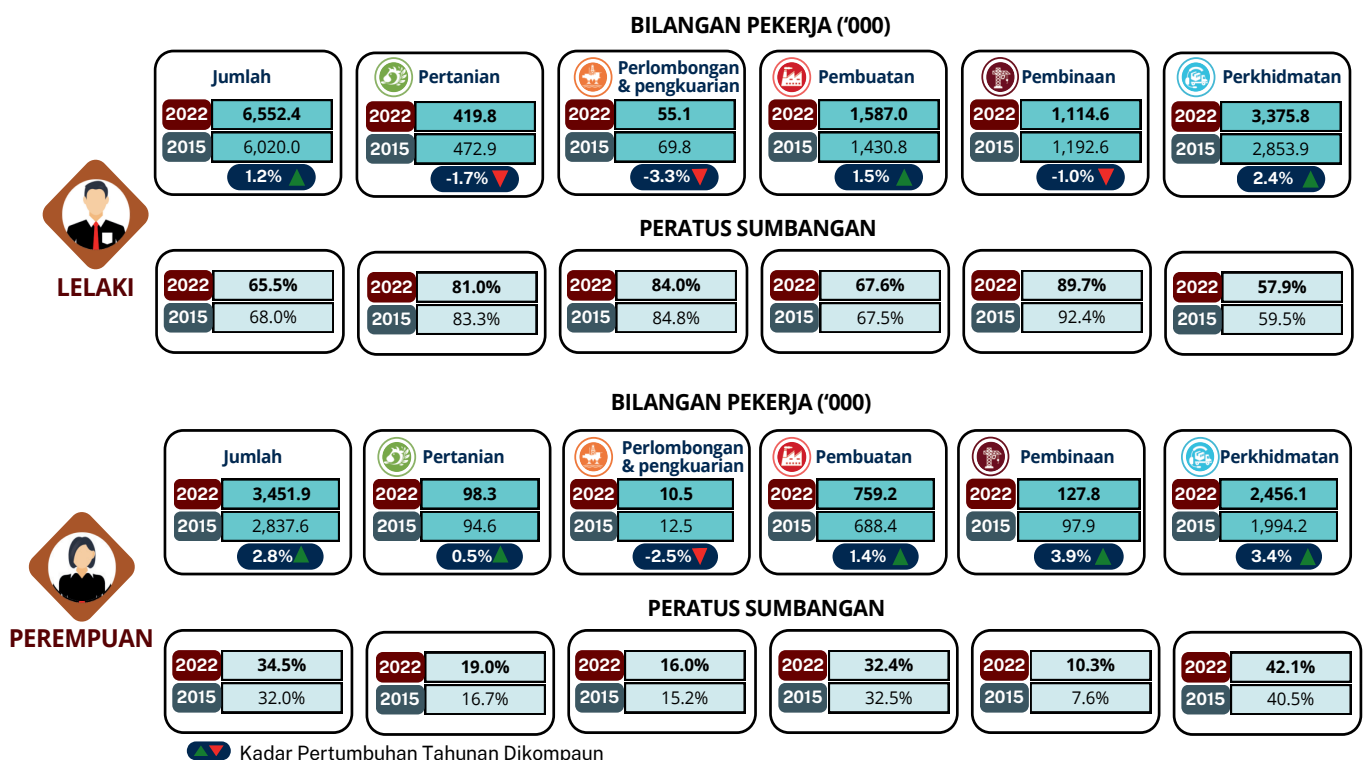
(%) Peratus Sumbangan  Kadar Pertumbuhan Tahunan Dikompaun

2.3 Mengikut Jantina

Meneliti statistik mengikut jantina, lelaki meliputi 65.5 peratus daripada keseluruhan jumlah pekerja dalam guna tenaga, bersamaan 6,552.4 ribu orang, dengan kadar pertumbuhan tahunan sebanyak 1.2 peratus daripada 6,020 ribu orang pada tahun 2015. Sementara itu, perempuan mewakili 34.5 peratus, atau 3,451.9 ribu pekerja, dengan kadar peningkatan tahunan yang lebih tinggi sebanyak 2.8 peratus daripada 2,837.6 ribu pekerja pada tahun 2015.

Merentasi semua sektor, guna tenaga lelaki secara konsisten melebihi guna tenaga perempuan. Perbezaan ini dapat dilihat dengan lebih ketara dalam sektor Pembinaan, di mana lelaki mewakili 89.7 peratus daripada guna tenaga, diikuti oleh Perlombongan & pengkuarian sebanyak 84.0 peratus, dan Pertanian sebanyak 81.0 peratus. [Paparan 3]

Paparan 3: Bilangan Pekerja mengikut Jantina, 2015 & 2022

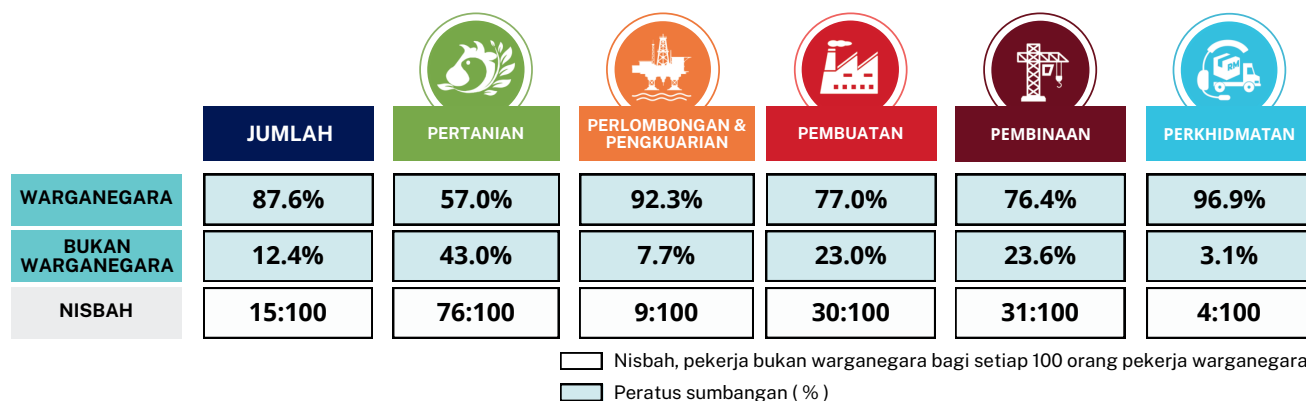


2.4 Mengikut Kewarganegaraan

Statistik pekerjaan mengikut kewarganegaraan memberikan sorotan penting tentang komposisi guna tenaga, menunjukkan kebergantungan sektor terhadap buruh bukan warganegara serta perubahan yang didorong oleh dasar kerajaan dan kejutan luaran. Pada tahun 2022, pekerja bukan warganegara mewakili 12.4 peratus daripada keseluruhan pekerja, berjumlah 1,241.7 ribu orang. Bilangannya telah menurun pada kadar pertumbuhan tahunan dikompaun sebanyak 2.0 peratus sejak tahun 2015 disebabkan oleh polisi buruh yang lebih ketat dan impak pandemik COVID-19. Sebahagian besar daripada mereka bekerja dalam sektor yang berintensifkan buruh seperti sektor Pembuatan, Pembinaan dan Pertanian. Pekerja bukan warganegara membentuk 43.0 peratus daripada guna tenaga sektor Pertanian, 23.6 peratus daripada sektor Pembinaan, 23.0 peratus daripada sektor Pembuatan, jauh lebih tinggi daripada sektor Perkhidmatan (3.1%) dan sektor Perlombongan & pengkuarian (7.7%).

Sementara itu, warganegara mempunyai majoriti yang ketara dalam guna tenaga merentasi semua sektor ekonomi, khususnya dalam sektor Perkhidmatan, di mana mewakili 96.9 peratus daripada guna tenaga, dan dalam sektor Perlombongan & pengkuarian, di mana mewakili 92.3 peratus. Sektor Pertanian, walau bagaimanapun, menunjukkan komposisi yang lebih seimbang, dengan warganegara mewakili 57.0 peratus daripada guna tenaga dan bukan warganegara mewakili 43.0 peratus, mencerminkan kebergantungan sektor tersebut pada buruh warga asing. **[Paparan 4]**

Paparan 4: Peratus Sumbangan Bilangan Pekerja mengikut Kewarganegaraan (%), 2022



2.5 Mengikut Kategori Pekerja

Pekerja bergaji sepenuh masa merangkumi komposisi terbesar guna tenaga pada tahun 2022, mencapai 8,610 ribu pekerja atau bersamaan dengan 86.1 peratus daripada keseluruhan guna tenaga, diikuti oleh pemilik yang bekerja dan pekerja keluarga tanpa gaji dengan 11.3 peratus (1,126.5 ribu orang). Baki 2.7 peratus adalah pekerja bergaji sambilan (267.8 ribu orang). Dalam tempoh tahun 2015 hingga 2022, bilangan pekerja sepenuh masa meningkat pada kadar pertumbuhan tahunan sebanyak 1.7 peratus.

Meneliti statistik mengikut kategori pekerja, Perkeranian dan pekerjaan yang berkaitan mewakili sumbangan terbesar bagi pekerja bergaji, dengan 51.5 peratus (5,148.8 ribu orang), diikuti oleh Pekerja asas (1,543.5 ribu orang), Pengurus, profesional dan penyelidik (1,327.1 ribu orang) dan Juruteknik dan profesional bersekutu (590.5 ribu orang).

Dari segi gaji, Pengurus, profesional dan penyelidik menerima purata gaji & upah bulanan tertinggi sebanyak RM7,911 (2015: RM7,389), diikuti oleh Juruteknik dan profesional bersekutu sebanyak RM4,844 (2015: RM4,084), Perkeranian dan pekerjaan yang berkaitan sebanyak RM2,548 (2015: RM1,832) dan Pekerja asas sebanyak RM1,798 (2015: RM1,280). **[Paparan 5]**

Paparan 5: Bilangan Pekerja, Gaji & Upah dan Purata Gaji & Upah Bulanan mengikut Kategori Pekerja, 2015 & 2022

2022: **10,004.3** ribu orang

2015: 8,857.5 ribu orang

1.8% ▲

JUMLAH PEKERJA

2022: **RM354,935** juta

2015: RM245,830 juta

5.4% ▲

PEMILIK YANG BEKERJA DAN PEKERJA KELUARGA TIDAK BERGAJI

2022 1,126.5 (11.3%)

2015 947.5 (10.7%)

2.5% ▲

PEKERJA BERGAJI

SEPENUH MASA

2022 2015

8,610.0 (86.1%) 1.7% ▲ 7,676.6 (86.7%)

351,061 (98.9%) 5.4% ▲ 243,054 (98.9%)

RM3,398 3.7% ▲ RM2,638

SAMBILAN

2022 2015

267.8 (2.7%) 2.0% ▲ 233.4 (2.6%)

3,875 (1.1%) 4.9% ▲ 2,776 (1.1%)

Pengurus, Profesional dan Penyelidik

2022 2015

1,327.1 (13.3%) 3.8% ▲ 1,024.9 (11.6%)

125,990 (35.5%) 4.8% ▲ 90,871 (37.0%)

RM7,911 1.0% ▲ RM7,389

Juruteknik dan Profesional Bersekutu

2022 2015

590.5 (5.9%) 1.9% ▲ 519.1 (5.9%)

34,324 (9.7%) 4.4% ▲ 25,439 (10.3%)

RM4,844 2.5% ▲ RM4,084

Perkeranian dan Pekerjaan yang Berkaitan

2022 2015

5,148.8 (51.5%) 0.7% ▲ 4,916.8 (55.5%)

157,450 (44.4%) 5.5% ▲ 108,069 (44.0%)

RM2,548 4.8% ▲ RM1,832

Pekerja Asas

2022 2015

1,543.5 (15.4%) 3.5% ▲ 1,215.8 (13.7%)

33,296 (9.4%) 8.6% ▲ 18,676 (7.6%)

RM1,798 5.0% ▲ RM1,280



Pertanian

20.6 (4.0%) 1.1% ▲ 19.2 (3.4%)

1,200 (12.7%) 3.2% ▲ 959 (12.1%)

RM4,847 2.2% ▲ RM4,173

7.9 (1.5%) -2.8% ▼ 9.7 (1.7%)

304 (3.2%) 0.4% ▲ 296 (3.7%)

RM3,211 3.3% ▲ RM2,554

326.0 (62.9%) -2.3% ▼ 384.9 (67.8%)

6,755 (71.2%) 1.1% ▲ 6,249 (78.6%)

RM1,726 3.5% ▲ RM1,353

71.7 (13.8%) 14.4% ▲ 27.9 (4.9%)

1,135 (12.0%) 17.4% ▲ 370 (4.7%)

RM1,320 2.6% ▲ RM1,105



Perombongan & Pengkuarian

16.8 (25.6%) 1.8% ▲ 14.8 (18.0%)

4,846 (65.5%) 0.8% ▲ 4,582 (58.2%)

RM24,023 -1.0% ▼ RM25,783

8.9 (13.6%) -2.2% ▼ 10.4 (12.7%)

1,233 (16.7%) -3.6% ▼ 1,599 (20.3%)

RM11,485 -1.5% ▼ RM12,786

34.6 (52.7%) -3.9% ▼ 45.8 (55.6%)

1,220 (16.5%) -2.6% ▼ 1,471 (18.7%)

RM2,939 1.3% ▲ RM2,677

4.9 (7.4%) -10.9% ▼ 10.9 (13.2%)

93 (1.3%) -11.2% ▼ 214 (2.7%)

RM1,592 -0.4% ▼ RM1,640



Pembuatan

224.1 (9.6%) 2.1% ▲ 193.7 (9.1%)

29,068 (29.9%) 5.3% ▲ 20,222 (30.9%)

RM10,810 3.1% ▲ RM8,702

192.7 (8.2%) 1.5% ▲ 174.0 (8.2%)

11,282 (11.6%) 5.4% ▲ 7,802 (11.9%)

RM4,879 3.9% ▲ RM3,738

1,668.2 (71.1%) 1.0% ▲ 1,559.6 (73.6%)

51,615 (53.1%) 5.8% ▲ 34,669 (52.9%)

RM2,578 4.8% ▲ RM1,852

209.1 (8.9%) 5.0% ▲ 148.3 (7.0%)

5,094 (5.2%) 9.9% ▲ 2,636 (4.0%)

RM2,030 4.6% ▲ RM1,482



Pembinaan

112.0 (9.0%) 6.8% ▲ 70.5 (5.5%)

8,807 (24.2%) 6.8% ▲ 5,553 (16.9%)

RM6,555 0.0% ▲ RM6,568

63.6 (5.1%) 2.2% ▲ 54.5 (4.2%)

2,982 (8.2%) 3.9% ▲ 2,283 (6.9%)

RM3,905 1.6% ▲ RM3,490

929.8 (74.8%) 2.2% ▲ 1,090.9 (84.5%)

23,182 (63.6%) -0.6% ▼ 24,193 (73.5%)

RM2,078 1.7% ▲ RM1,848

76.0 (6.1%) 7.4% ▲ 46.1 (3.6%)

1,304 (3.6%) 7.1% ▲ 809 (2.5%)

RM1,431 -0.3% ▼ RM1,462



Perkhidmatan

953.7 (16.4%) 4.0% ▲ 726.8 (15.1%)

82,069 (40.1%) 4.7% ▲ 59,555 (45.2%)

RM7,171 0.7% ▲ RM6,828

317.4 (5.4%) 2.3% ▲ 270.6 (5.6%)

18,523 (9.1%) 4.7% ▲ 13,459 (10.2%)

RM4,864 2.3% ▲ RM4,145

2,190.1 (37.6%) 2.3% ▲ 1,835.6 (38.3%)

74,679 (36.5%) 8.8% ▲ 41,487 (31.5%)

RM2,841 6.1% ▲ RM1,883

1,182.0 (20.3%) 2.7% ▲ 982.7 (20.5%)

25,670 (12.6%) 8.3% ▲ 14,647 (11.1%)

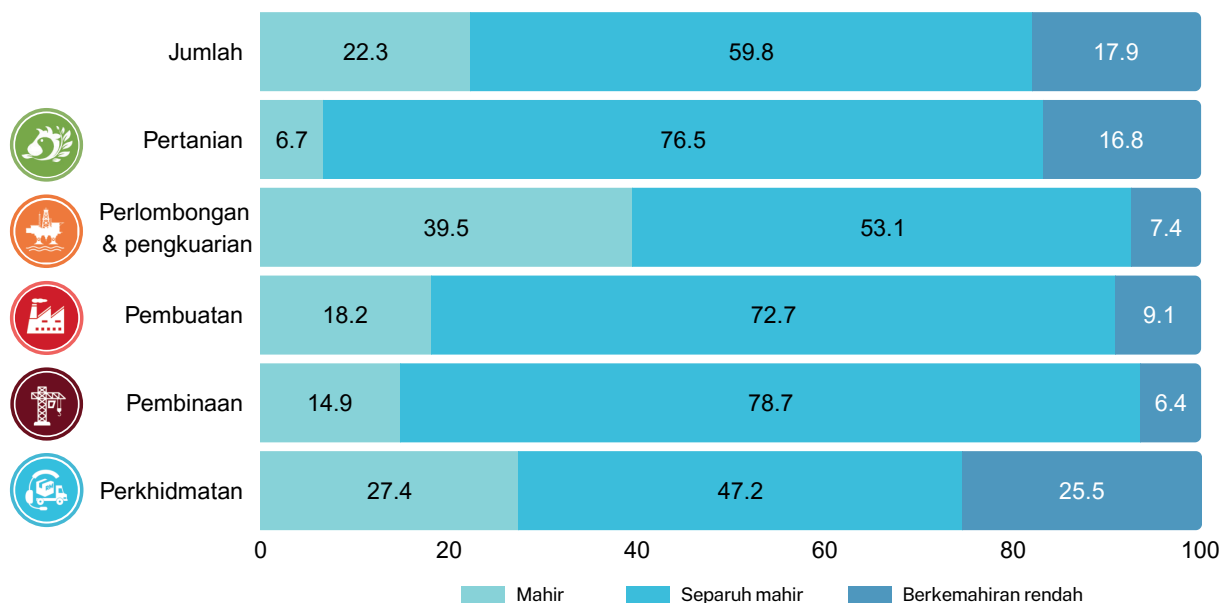
RM1,810 5.5% ▲ RM1,242

2.6 Mengikut Kemahiran

Pecahan guna tenaga mengikut kategori kemahiran, pekerja separuh mahir mewakili majoriti pekerja bergaji sepenuh masa, dengan 59.8 peratus (5,148.8 ribu orang). Kategori guna tenaga ini meningkat pada kadar purata tahunan sebanyak 0.7 peratus daripada 4,916.8 ribu orang pada tahun 2015. Pekerja mahir membentuk 22.3 peratus, dengan peningkatan 3.1 peratus secara tahunan daripada 1,544.0 ribu orang pada tahun 2015. Sementara itu, pekerja berkemahiran rendah mewakili 17.9 peratus (1,543.5 ribu orang) pada tahun 2022, meningkat 3.5 peratus secara tahunan daripada 1,215.8 ribu orang pada tahun 2015.

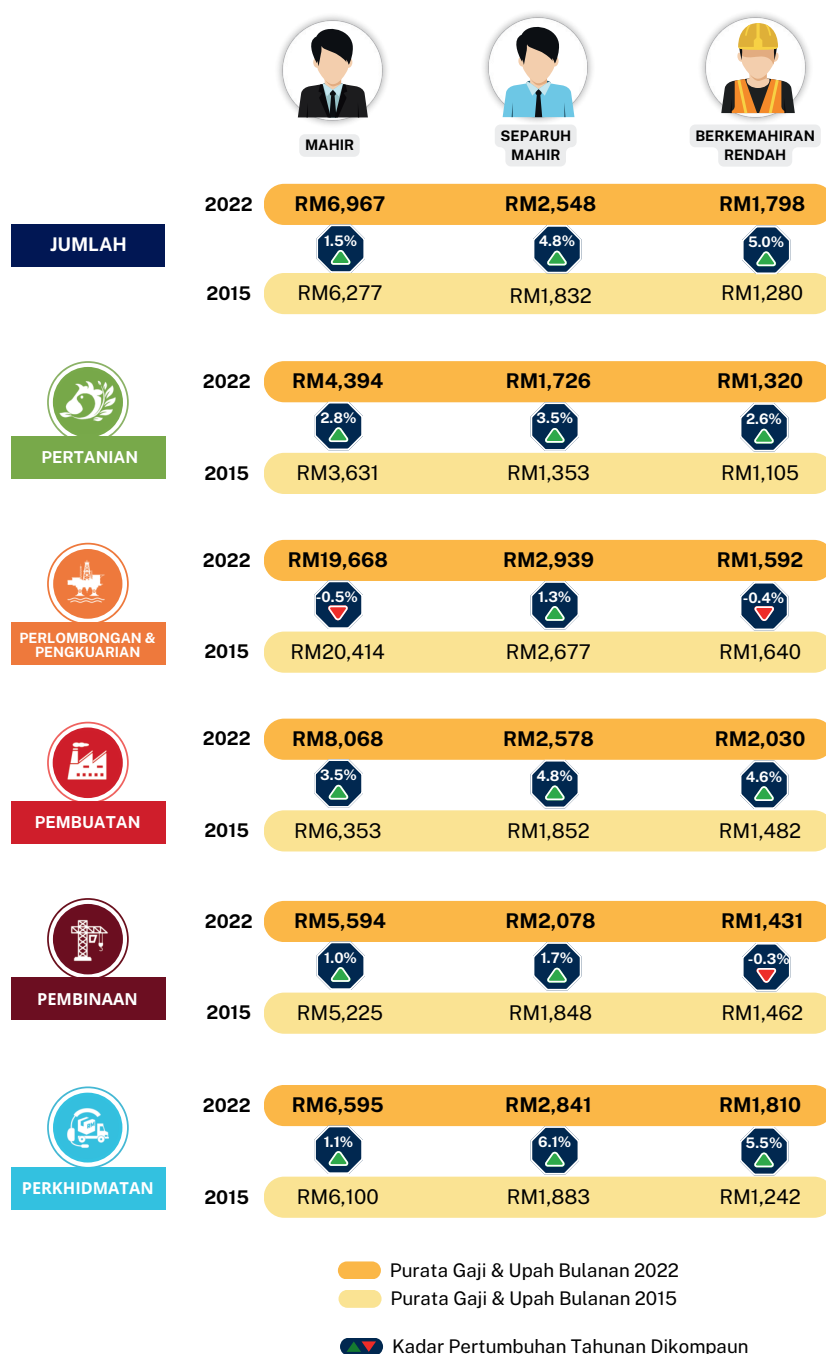
Merentasi kesemua sektor, pekerja separuh mahir merupakan kumpulan terbesar, khususnya dalam sektor Pembinaan (sumbangan: 78.7%), sektor Pertanian (sumbangan: 76.5%), dan sektor Pembuatan (sumbangan: 72.7%). Dalam sektor Perkhidmatan, komposisi guna tenaga mengikut kemahiran adalah lebih seimbang, dengan pekerja separuh mahir merangkumi bahagian terbesar sebanyak 47.2 peratus manakala pekerja mahir dan berkemahiran rendah mewakili masing-masing sebanyak 27.4 peratus dan 25.5 peratus. **[Paparan 6]**

Paparan 6: Peratus Sumbangan Bilangan Pekerja mengikut Kemahiran (%), 2022



Dari segi purata gaji & upah bulanan, jurang antara tahap kemahiran kekal ketara sepanjang tempoh tersebut, menunjukkan perbezaan struktur dalam pulangan pasaran buruh terhadap kemahiran. Pekerja mahir menerima gaji tertinggi iaitu RM6,967 pada tahun 2022, mencerminkan kadar pertumbuhan tahunan dikompaun sebanyak 1.5 peratus daripada RM6,277 pada tahun 2015. Pada tempoh yang sama, pekerja separuh mahir menerima RM2,548, meningkat daripada RM1,832 (CAGR: 4.8%), manakala pekerja berkemahiran rendah merekodkan peningkatan kepada RM1,798 daripada RM1,280 (CAGR: 5.0%). **[Paparan 7]**

Paparan 7: Purata Gaji & Upah Bulanan mengikut Kemahiran (%), 2015 & 2022



2.7 Mengikut Kelayakan

Pecahan bilangan pekerja mengikut kelayakan menunjukkan bahawa pekerja yang mempunyai SPM/ SPM (V) atau setaraf membentuk bahagian terbesar daripada bilangan pekerja, dengan 46.2 peratus pada tahun 2022 (4,622.9 ribu orang). Kelayakan ini dapat dilihat dengan jelas khususnya dalam sektor Pertanian, di mana 81.0 peratus pekerja mempunyai SPM/ SPM (V) atau setaraf.

Sementara itu, 31.3 peratus guna tenaga mempunyai kelayakan pendidikan tertiar. Daripada jumlah itu, pemegang sijil Diploma meliputi 14.1 peratus (1,406.2 ribu orang), manakala Ijazah Sarjana Muda/ Diploma Lanjutan atau setaraf merangkumi 11.2 peratus (1,119.0 ribu orang). Pekerja dengan kelayakan STPM atau setaraf mewakili 4.7 peratus (474.2 ribu orang), dan mereka yang mempunyai kelayakan pascasiswazah mewakili bahagian terendah, meliputi 1.3 peratus (128.8 ribu orang).

Di samping itu, 15.4 peratus guna tenaga (1,537.6 ribu orang) mempunyai pendidikan bawah SPM. [Paparan 8]

Paparan 8: Bilangan Pekerja mengikut Kelayakan, 2022

						
	JUMLAH	PERTANIAN	PERLOMBONGAN & PENGKUARIAN	PEMBUATAN	PEMBINAAN	PERKHIDMATAN
JUMLAH	10,004.3 (100%)	518.1 (100%)	65.6 (100%)	2,346.3 (100%)	1,242.4 (100%)	5,831.9 (100%)
 PASCASISWAZAH	128.8 (1.3%)	0.8 (0.2%)	2.2 (3.3%)	13.7 (0.6%)	8.6 (0.7%)	103.4 (1.8%)
 IJAZAH SARJANA MUDA/ DIPLOMA LANJUTAN ATAU SETARAF	1,119.0 (11.2%)	13.4 (2.6%)	12.6 (19.2%)	190.5 (8.1%)	124.1 (10.0%)	778.5 (13.3%)
 DIPLOMA	1,406.2 (14.1%)	17.9 (3.5%)	12.5 (19.0%)	289.6 (12.3%)	148.7 (12.0%)	937.5 (16.1%)
 STPM ATAU SETARAF	474.2 (4.7%)	8.5 (1.6%)	2.5 (3.7%)	48.3 (2.1%)	42.1 (3.4%)	372.8 (6.4%)
 SIJIL	715.5 (7.2%)	13.8 (2.7%)	6.3 (9.5%)	124.9 (5.3%)	136.1 (11.0%)	434.5 (7.5%)
 SPM/ SPM (V) ATAU SETARAF	4,622.9 (46.2%)	419.6 (81.0%)	19.3 (29.3%)	1,144.1 (48.8%)	459.6 (37.0%)	2,580.4 (44.2%)
 DI BAWAH SPM	1,537.6 (15.4%)	44.2 (8.5%)	10.4 (15.9%)	535.1 (22.8%)	323.2 (26.0%)	624.7 (10.7%)

■ Bilangan pekerja ('000)
■ Peratus sumbangan (%)

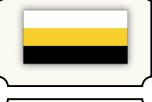
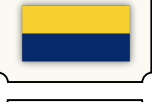
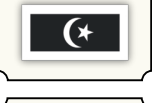
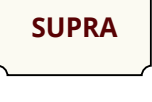
2.8 Mengikut Negeri

Melihat kepada komposisi guna tenaga mengikut negeri, Selangor merekodkan bilangan pekerja tertinggi dengan 2,679.7 ribu orang pada tahun 2022 (sumbangan: 26.8%). Ini diikuti oleh Wilayah Persekutuan (1,665.3 ribu orang; sumbangan: 16.6%), dan Johor (1,264.8 ribu orang; sumbangan: 12.6%). Sebilangan besar pekerja di Selangor dan Wilayah Persekutuan tertumpu dalam sektor Perkhidmatan, manakala pekerja di Johor kebanyakannya tertumpu di sektor Perkhidmatan dan Pembuatan. Sementara itu, Perlis merekodkan peratus sumbangan terendah sebanyak 0.4 peratus dengan 40.2 ribu orang pada tahun 2022.

Antara tahun 2015 hingga 2022, Pulau Pinang mencatatkan pertumbuhan tahunan dalam guna tenaga tertinggi, meningkat 3.5 peratus kepada 819.3 ribu orang pada tahun 2022 (2015: 641.9 ribu orang). Peningkatan ini dipacu oleh sektor Pembuatan, dengan penambahan 99.5 ribu orang pada tempoh tersebut (2022: 371.7 ribu orang; 2015: 272.2 ribu orang). **[Paparan 9]**

Dari segi gaji & upah, Selangor mendahului pada tahun 2022 dengan jumlah sebanyak RM106,042 juta, diikuti oleh Wilayah Persekutuan sebanyak RM78,421 juta dan Johor sebanyak RM39,618 juta. Ketiga-tiga negeri ini menyumbang secara kolektif sebanyak 63.2 peratus daripada jumlah keseluruhan gaji & upah nasional. Sementara itu, Perlis mencatatkan jumlah terendah iaitu sebanyak RM796 juta. **[Paparan 10]**

Paparan 9: Bilangan Pekerja mengikut Negeri, 2015 & 2022

		JUMLAH	PERTANIAN	PERLOMBONGAN & PENGKUIARIAN	PEMBUATAN	PEMBINAAN	PERKHIDMATAN
	MALAYSIA						
	2022	10,004.3 (100%)	518.1 (100%)	65.6 (100%)	2,346.3 (100%)	1,242.4 (100%)	5,831.9 (100%)
	2015	8,857.5 (100%)	567.5 (100%)	82.4 (100%)	2,119.2 (100%)	1,290.5 (100%)	4,798.1 (100%)
		1.8% ▲	-1.3% ▼	-3.2% ▼	1.5% ▲	-0.5% ▼	2.8% ▲
	JOHOR						
	2022	1,264.8 (12.6%)	62.0 (12.0%)	4.4 (6.7%)	483.0 (20.6%)	160.3 (12.9%)	555.1 (9.5%)
	2015	1,194.7 (13.5%)	65.2 (11.5%)	5.4 (6.5%)	448.4 (21.2%)	240.5 (18.6%)	435.3 (9.1%)
		0.8% ▲	-0.7% ▼	-2.7% ▼	1.1% ▲	-5.6% ▼	3.5% ▲
	KEDAH						
	2022	370.6 (3.7%)	12.9 (2.5%)	0.5 (0.7%)	118.2 (5.0%)	31.5 (2.5%)	207.5 (3.6%)
	2015	315.4 (3.6%)	14.7 (2.6%)	0.5 (0.7%)	97.5 (4.6%)	26.9 (2.1%)	175.8 (3.7%)
		2.3% ▲	-1.8% ▼	-1.5% ▼	2.8% ▲	2.3% ▲	2.4% ▲
	KELANTAN						
	2022	200.9 (2.0%)	11.1 (2.1%)	2.0 (3.0%)	19.3 (0.8%)	17.4 (1.4%)	151.2 (2.6%)
	2015	180.8 (2.0%)	12.7 (2.2%)	2.2 (2.7%)	19.7 (0.9%)	16.7 (1.3%)	129.5 (2.7%)
		1.5% ▲	-1.9% ▼	-1.9% ▼	-0.2% ▼	0.6% ▲	2.2% ▲
	MELAKA						
	2022	292.3 (2.9%)	9.5 (1.8%)	0.5 (0.7%)	99.9 (4.3%)	23.6 (1.9%)	158.8 (2.7%)
	2015	250.7 (2.8%)	12.0 (2.1%)	0.5 (0.6%)	82.7 (3.9%)	21.8 (1.7%)	133.7 (2.8%)
		2.2% ▲	-3.3% ▼	-0.8% ▼	2.7% ▲	1.1% ▼	2.5% ▲
	NEGERI SEMBILAN						
	2022	315.0 (3.1%)	16.2 (3.1%)	1.6 (2.4%)	93.2 (4.0%)	48.5 (3.9%)	155.5 (2.7%)
	2015	278.7 (3.1%)	18.5 (3.3%)	1.9 (2.3%)	77.3 (3.6%)	48.3 (3.7%)	132.7 (2.8%)
		1.8% ▲	-1.9% ▼	-2.7% ▼	2.7% ▲	0.1% ▲	2.3% ▲
	PAHANG						
	2022	336.1 (3.4%)	57.2 (11.0%)	4.3 (6.6%)	54.8 (2.3%)	45.7 (3.7%)	174.2 (3.0%)
	2015	324.9 (3.7%)	64.0 (11.3%)	10.9 (13.3%)	44.5 (2.1%)	59.5 (4.6%)	146.0 (3.0%)
		0.5% ▲	-1.6% ▼	-12.4% ▼	3.0% ▲	-3.7% ▼	2.6% ▲
	PULAU PINANG						
	2022	819.3 (8.2%)	7.9 (1.5%)	1.6 (2.4%)	371.7 (15.8%)	81.3 (6.5%)	356.7 (6.1%)
	2015	641.9 (7.2%)	5.4 (1.0%)	1.6 (1.9%)	272.2 (12.8%)	71.4 (5.5%)	291.3 (6.1%)
		3.5% ▲	5.7% ▲	0.5% ▲	4.6% ▲	1.9% ▲	2.9% ▲
	PERAK						
	2022	576.5 (5.8%)	42.1 (8.1%)	5.1 (7.8%)	147.3 (6.3%)	66.7 (5.4%)	315.3 (5.4%)
	2015	528.2 (6.0%)	48.0 (8.5%)	4.8 (5.9%)	138.7 (6.5%)	67.2 (5.2%)	269.4 (5.6%)
		1.3% ▲	-1.9% ▼	0.8% ▲	0.9% ▲	-0.1% ▼	2.3% ▲
	PERLIS						
	2022	40.2 (0.4%)	0.4 (0.1%)	0.2 (0.3%)	5.2 (0.2%)	4.2 (0.3%)	30.2 (0.5%)
	2015	35.1 (0.4%)	0.3 (0.1%)	0.2 (0.3%)	5.7 (0.3%)	6.2 (0.5%)	22.6 (0.5%)
		1.9% ▲	2.2% ▲	-2.8% ▼	-1.4% ▼	-5.5% ▼	4.2% ▲
	SELANGOR						
	2022	2,679.7 (26.8%)	28.0 (5.4%)	12.3 (18.8%)	723.8 (30.8%)	316.1 (25.4%)	1,599.5 (27.4%)
	2015	2,292.0 (25.9%)	35.8 (6.3%)	15.5 (18.8%)	646.2 (30.5%)	316.9 (24.6%)	1,277.7 (26.6%)
		2.3% ▲	-3.4% ▼	-3.2% ▼	1.6% ▲	0.0% ▼	3.3% ▲
	TERENGGANU						
	2022	200.7 (2.0%)	23.0 (4.4%)	1.7 (2.6%)	26.5 (1.1%)	32.8 (2.6%)	116.6 (2.0%)
	2015	181.5 (2.0%)	24.7 (4.4%)	1.7 (2.1%)	23.8 (1.1%)	34.7 (2.7%)	96.5 (2.0%)
		1.4% ▲	-1.0% ▼	0.2% ▲	1.5% ▲	-0.8% ▼	2.7% ▲
	SABAH						
	2022	609.3 (6.1%)	170.3 (32.9%)	5.2 (8.0%)	61.7 (2.6%)	66.7 (5.4%)	305.3 (5.2%)
	2015	566.4 (6.4%)	181.7 (32.0%)	4.9 (6.0%)	63.8 (3.0%)	64.9 (5.0%)	251.1 (5.2%)
		1.0% ▲	-0.9% ▼	0.9% ▲	-0.5% ▼	0.4% ▲	2.8% ▲
	SARAWAK						
	2022	624.4 (6.2%)	77.2 (14.9%)	12.3 (18.8%)	101.2 (4.3%)	99.4 (8.0%)	334.3 (5.7%)
	2015	565.3 (6.4%)	84.1 (14.8%)	11.8 (14.3%)	99.3 (4.7%)	89.3 (6.9%)	280.9 (5.9%)
		1.4% ▲	-1.2% ▼	0.6% ▲	0.3% ▲	1.5% ▲	2.5% ▲
	WILAYAH PERSEKUTUAN *						
	2022	1,665.3 (16.6%)	0.2 (0.0%)	4.6 (7.0%)	40.5 (1.7%)	248.3 (20.0%)	1,371.7 (23.5%)
	2015	1,492.1 (16.8%)	0.3 (0.0%)	10.5 (12.7%)	99.4 (4.7%)	226.3 (17.5%)	1,155.6 (24.1%)
		1.6% ▲	-5.5% ▼	-11.1% ▼	-12.0% ▼	1.3% ▲	2.5% ▲
	SUPRA **						
	2022	9.3 (0.1%)	n.a (n.a)	9.3 (14.2%)	n.a (n.a)	n.a (n.a)	n.a (n.a)
	2015	9.9 (0.1%)	n.a (n.a)	9.9 (12.0%)	n.a (n.a)	n.a (n.a)	n.a (n.a)
		-0.9% ▼		-0.9% ▼			

Peratus Sumbangan (%) Bilangan Pekerja ('000) Kadar Pertumbuhan Tahunan Dikompaun ▲ ▼

Nota:

*Termasuk Wilayah Persekutuan Kuala Lumpur, Labuan dan Putrajaya

** Merangkumi aktiviti pengeluaran yang melangkaui pusat kepentingan ekonomi utama bagi mana-mana negeri

Paparan 10: Gaji & Upah mengikut Negeri, 2015 & 2022

		JUMLAH	 PERTANIAN	 PERLOMBONGAN & PENGKUIARIAN	 PEMBUATAN	 PEMBINAAN	 PERKHIDMATAN
	MALAYSIA						
	2022	354,935 (100%)	9,480 (100%)	7,395 (100%)	97,219 (100%)	36,426 (100%)	204,415 (100%)
	2015	245,830 (100%)	7,949 (100%)	7,870 (100%)	65,495 (100%)	32,899 (100%)	131,617 (100%)
		5.4% 	2.5% 	-0.9% 	5.8% 	1.5% 	6.5% 
	JOHOR						
	2022	39,618 (11.8%)	1,295 (13.7%)	161 (2.2%)	18,027 (18.5%)	4,468 (12.3%)	15,667 (7.7%)
	2015	28,979 (11.2%)	1,079 (13.6%)	162 (2.1%)	12,245 (18.7%)	5,953 (18.1%)	9,541 (7.2%)
		4.6% 	2.6% 	-0.1% 	5.7% 	-4.0% 	7.3% 
	KEDAH						
	2022	10,090 (2.8%)	221 (2.3%)	14 (0.2%)	4,646 (4.2%)	842 (1.8%)	4,368 (2.1%)
	2015	6,361 (2.6%)	192 (2.4%)	14 (2.2%)	2,781 (18.5%)	604 (12.3%)	2,770 (7.7%)
		6.8% 	2.0% 	-0.7% 	7.6% 	4.9% 	6.7% 
	KELANTAN						
	2022	3,205 (0.9%)	184 (1.9%)	64 (0.9%)	466 (0.5%)	458 (1.3%)	2,033 (1.0%)
	2015	2,303 (0.9%)	188 (2.4%)	62 (0.8%)	322 (0.5%)	434 (1.3%)	1,296 (1.0%)
		4.8% 	-0.3% 	0.3% 	5.4% 	0.8% 	6.6% 
	MELAKA						
	2022	9,221 (2.6%)	229 (2.4%)	13 (0.2%)	4,376 (4.5%)	570 (1.6%)	4,033 (2.0%)
	2015	6,010 (2.4%)	196 (2.5%)	10 (0.1%)	2,716 (4.1%)	478 (1.5%)	2,611 (2.0%)
		6.3% 	2.3% 	4.0% 	7.0% 	2.6% 	6.4% 
	NEGERI SEMBILAN						
	2022	9,630 (2.7%)	297 (3.1%)	47 (0.6%)	4,483 (4.6%)	1,194 (3.3%)	3,609 (1.8%)
	2015	6,356 (2.6%)	278 (3.5%)	49 (0.6%)	2,645 (4.0%)	1,022 (3.1%)	2,362 (1.8%)
		6.1% 	0.9% 	-0.4% 	7.8% 	2.2% 	6.2% 
	PAHANG						
	2022	8,446 (2.4%)	916 (9.7%)	143 (1.9%)	2,270 (2.3%)	1,269 (3.5%)	3,847 (1.9%)
	2015	6,533 (2.7%)	761 (9.6%)	361 (4.6%)	1,354 (2.1%)	1,593 (4.8%)	2,463 (1.9%)
		3.7% 	2.7% 	-12.4% 	7.7% 	-3.2% 	6.6% 
	PULAU PINANG						
	2022	31,180 (8.8%)	191 (2.0%)	64 (0.9%)	18,526 (19.1%)	2,223 (6.1%)	10,176 (5.0%)
	2015	19,071 (7.8%)	92 (1.2%)	52 (0.7%)	10,431 (15.9%)	1,943 (5.9%)	6,553 (5.0%)
		7.3% 	11.1% 	2.9% 	8.6% 	1.9% 	6.5% 
	PERAK						
	2022	15,491 (4.4%)	751 (7.9%)	169 (2.3%)	5,316 (5.5%)	1,838 (5.0%)	7,416 (3.6%)
	2015	10,570 (4.3%)	700 (8.8%)	131 (1.7%)	3,479 (5.3%)	1,641 (5.0%)	4,618 (3.5%)
		5.6% 	1.0% 	3.7% 	6.2% 	1.6% 	7.0% 
	PERLIS						
	2022	796 (0.2%)	6 (0.1%)	8 (0.1%)	124 (0.1%)	74 (0.2%)	584 (0.3%)
	2015	575 (0.2%)	3 (0.0%)	9 (0.1%)	127 (0.2%)	83 (0.3%)	353 (0.3%)
		4.8% 	9.5% 	-0.5% 	-0.2% 	-1.6% 	7.4% 
	SELANGOR						
	2022	106,042 (29.9%)	512 (5.4%)	486 (6.6%)	29,845 (30.7%)	10,290 (28.2%)	64,909 (31.8%)
	2015	72,840 (29.6%)	478 (6.0%)	391 (5.0%)	21,286 (32.5%)	8,605 (26.2%)	42,080 (32.0%)
		5.5% 	1.0% 	3.1% 	4.9% 	2.6% 	6.4% 
	TERENGGANU						
	2022	5,072 (1.4%)	276 (2.9%)	96 (1.3%)	1,541 (1.6%)	1,009 (2.8%)	2,149 (1.1%)
	2015	3,618 (1.5%)	221 (2.8%)	150 (1.9%)	981 (1.5%)	955 (2.9%)	1,311 (1.0%)
		4.9% 	3.2% 	-6.1% 	6.7% 	0.8% 	7.3% 
	SABAH						
	2022	14,576 (4.1%)	2,883 (30.4%)	751 (10.2%)	1,683 (1.7%)	1,765 (4.8%)	7,494 (3.7%)
	2015	10,187 (4.1%)	2,202 (27.7%)	736 (9.4%)	1,281 (2.0%)	1,356 (4.1%)	4,612 (3.5%)
		5.3% 	3.9% 	0.3% 	4.0% 	3.8% 	7.2% 
	SARAWAK						
	2022	20,159 (5.7%)	1,714 (18.1%)	1,879 (25.4%)	4,263 (4.4%)	2,940 (8.1%)	9,362 (4.6%)
	2015	14,156 (5.8%)	1,554 (19.5%)	1,582 (20.1%)	2,667 (4.1%)	2,379 (7.2%)	5,975 (4.5%)
		5.2% 	1.4% 	2.5% 	6.9% 	3.1% 	6.6% 
	WILAYAH PERSEKUTUAN *						
	2022	78,421 (22.1%)	4 (0.0%)	510 (6.9%)	1,653 (1.7%)	7,486 (20.6%)	68,768 (33.6%)
	2015	55,244 (22.5%)	4 (0.1%)	1,134 (14.4%)	3,181 (4.9%)	5,853 (17.8%)	45,071 (34.2%)
		5.1% 	-0.7% 	-10.8% 	-8.9% 	3.6% 	6.2% 
	SUPRA **						
	2022	2,990 (0.8%)	n.a (n.a)	2,990 (40.4%)	n.a (n.a)	n.a (n.a)	n.a (n.a)
	2015	3,026 (1.2%)	n.a (n.a)	3,026 (38.5%)	n.a (n.a)	n.a (n.a)	n.a (n.a)
		-0.2% 		-0.2% 			

Peratus Sumbangan (%) Gaji & Upah (RM juta) Kadar Pertumbuhan Tahunan Dikompaun  

Nota:

*Termasuk Wilayah Persekutuan Kuala Lumpur, Labuan dan Putrajaya

** Merangkumi aktiviti pengeluaran yang melangkaui pusat kepentingan ekonomi utama bagi mana-mana negeri

2.9 Mengikut Saiz Pertubuhan

Bilangan pekerja dalam Perusahaan Mikro, Kecil dan Sederhana (PMKS) mencapai sejumlah 6,527.8 ribu orang pada tahun 2022, bersamaan 65.2 peratus daripada keseluruhan guna tenaga. Sebaliknya, Perusahaan besar mempunyai 3,476.5 ribu orang, mewakili baki 34.8 peratus daripada keseluruhan guna tenaga. Dalam segmen PMKS, Perusahaan kecil membentuk komposisi terbesar, dengan 43.1 peratus atau bersamaan dengan 2,814.9 ribu orang. Perusahaan mikro dan sederhana masing-masing menyumbang sebanyak 35.7 peratus (2,331.1 ribu orang) dan 21.2 peratus (1,381.8 ribu orang).

Perincian lanjut guna tenaga mengikut saiz pertubuhan dan sektor menunjukkan guna tenaga dalam PMKS di Malaysia masih tertumpu secara ketara dalam sektor Perkhidmatan. Sehingga tahun 2022, sebanyak 70.2 peratus daripada keseluruhan pekerja PMKS terlibat dalam sektor Perkhidmatan, khususnya dalam subsektor Perdagangan borong dan runcit dan Makanan dan minuman. Sektor Pembuatan meliputi 15.3 peratus guna tenaga PMKS, menjadikannya penyumbang kedua tertinggi. Sementara itu, PMKS dalam sektor Pembinaan, Pertanian dan Perlombongan & pengkuarian masing-masing mempunyai sebanyak 672.2 ribu orang, 255.0 ribu orang dan 19.6 ribu orang pekerja. Sebaliknya, Perusahaan besar menunjukkan trend yang berbeza. Kebanyakan pekerja dalam Perusahaan besar tertumpu kepada sektor Pembuatan, merangkumi 38.7 peratus daripada keseluruhan guna tenaga dalam perusahaan besar, atau bersamaan dengan 1,346.0 ribu orang. Ini diikuti oleh sektor Perkhidmatan (1,251.2 ribu orang; sumbangan: 36.0%), Pembinaan (570.2 ribu orang; sumbangan: 16.4%), Pertanian (263.1 ribu orang; sumbangan: 7.6%), Perlombongan & pengkuarian (46.0 ribu orang; sumbangan: 1.3%).

Jurang gaji & upah antara PMKS dan Perusahaan besar di Malaysia kekal signifikan, mencerminkan perbezaan struktur daripada segi skala dan produktiviti. Pekerja di Perusahaan besar menerima secara purata 47.5 peratus lebih tinggi daripada mereka yang bekerja di PMKS. Purata gaji & upah bulanan bagi Perusahaan besar adalah sebanyak RM4,145, berbanding dengan RM2,810 dalam PMKS. Merentasi aktiviti ekonomi, pekerja PMKS menerima gaji & upah tertinggi dalam sektor Perkhidmatan (RM2,980), Perlombongan & pengkuarian (RM2,855) dan sektor Pembuatan (RM2,774). Perusahaan besar membayar gaji jauh lebih tinggi dalam sektor Perlombongan & pengkuarian (RM12,191), diikuti oleh sektor Perkhidmatan (RM4,988) dan sektor Pembuatan (RM4,042). **[Paparan 11]**

Paparan 11: Bilangan Pekerja, Gaji & Upah dan Purata Gaji & Upah Bulanan mengikut Saiz Pertubuhan, 2022

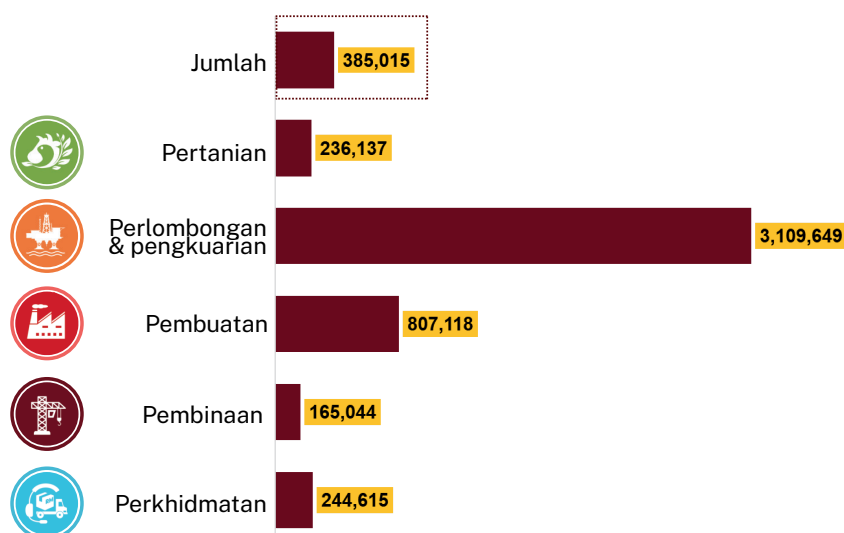
	Saiz Pertubuhan											
	Jumlah Keseluruhan		Perusahaan Besar		Perusahaan Mikro, Kecil dan Sederhana (PMKS)		Perusahaan Sederhana		Perusahaan Kecil		Perusahaan Mikro	
Keseluruhan	10,004.3 (100.0%)	354,935 (100.0%)	3,476.5 (34.8%)	172,601 (48.6%)	6,527.8 (65.2%)	182,334 (51.4%)	1,381.8 (21.2%)	47,948 (26.3%)	2,814.9 (43.1%)	91,285 (50.1%)	2,331.1 (35.7%)	43,102 (23.6%)
	RM3,332		RM4,145		RM2,810		RM2,958		RM3,036		RM2,316	
Pertanian	518.1 (100.0%)	9,480 (100.0%)	263.1 (50.8%)	5,946 (62.7%)	255.0 (49.2%)	3,535 (37.3%)	62.5 (24.5%)	1,482 (41.9%)	64.1 (25.1%)	1,501 (42.5%)	128.5 (50.4%)	552 (15.6%)
	RM1,827		RM1,883		RM1,738		RM1,980		RM2,050		RM999	
Perdagangan & pengkuarian	65.6 (100.0%)	7,395 (100.0%)	46.0 (70.1%)	6,730 (91.0%)	19.6 (29.9%)	665 (9.0%)	12.6 (64.0%)	451 (67.9%)	6.8 (34.5%)	207 (31.2%)	0.3 (1.6%)	6 (0.9%)
	RM9,422		RM12,191		RM2,855		RM3,004		RM2,607		RM1,964	
Pembuatan	2,346.3 (100.0%)	97,219 (100.0%)	1,346.0 (57.4%)	65,250 (67.1%)	1,000.3 (42.6%)	31,970 (32.9%)	326.6 (32.7%)	11,463 (35.9%)	594.2 (59.4%)	19,101 (59.7%)	79.5 (7.9%)	1,406 (4.4%)
	RM3,513		RM4,042		RM2,774		RM2,928		RM2,737		RM2,226	
Pembinaan	1,242.4 (100.0%)	36,426 (100.0%)	570.2 (45.9%)	20,100 (55.2%)	672.2 (54.1%)	16,326 (44.8%)	221.3 (32.9%)	6,334 (38.8%)	312.9 (46.5%)	8,159 (50.0%)	138.1 (20.5%)	1,834 (11.2%)
	RM2,536		RM2,938		RM2,171		RM2,390		RM2,246		RM1,479	
Perkhidmatan	5,831.9 (100.0%)	204,415 (100.0%)	1,251.2 (21.5%)	74,575 (36.5%)	4,580.6 (78.5%)	129,840 (63.5%)	758.8 (16.6%)	28,218 (21.7%)	1,837.0 (40.1%)	62,317 (48.0%)	1,984.8 (43.3%)	39,304 (30.3%)
	RM3,493		RM4,988		RM2,980		RM3,226		RM3,342		RM2,429	

■ Bilangan Pekerja ('000)
 ■ Gaji & Upah (RM juta)
 ■ Purata Gaji & Upah Bulanan
 (%) Peratus Sumbangan

3. Output per Pekerja mengikut Aktiviti Ekonomi

Output per pekerja nasional Malaysia adalah sebanyak RM385,015 per pekerja pada tahun 2022. Sektor Perdagangan dan pengkuarian merekodkan output per pekerja tertinggi dengan RM3.11 juta per pekerja, diikuti sektor Pembuatan sebanyak RM807,118 per pekerja. Sektor Pembinaan mencatatkan yang terendah dengan output per pekerja sebanyak RM165,044 per pekerja. [Paparan 12]

Paparan 12: Output per Pekerja (RM), 2022

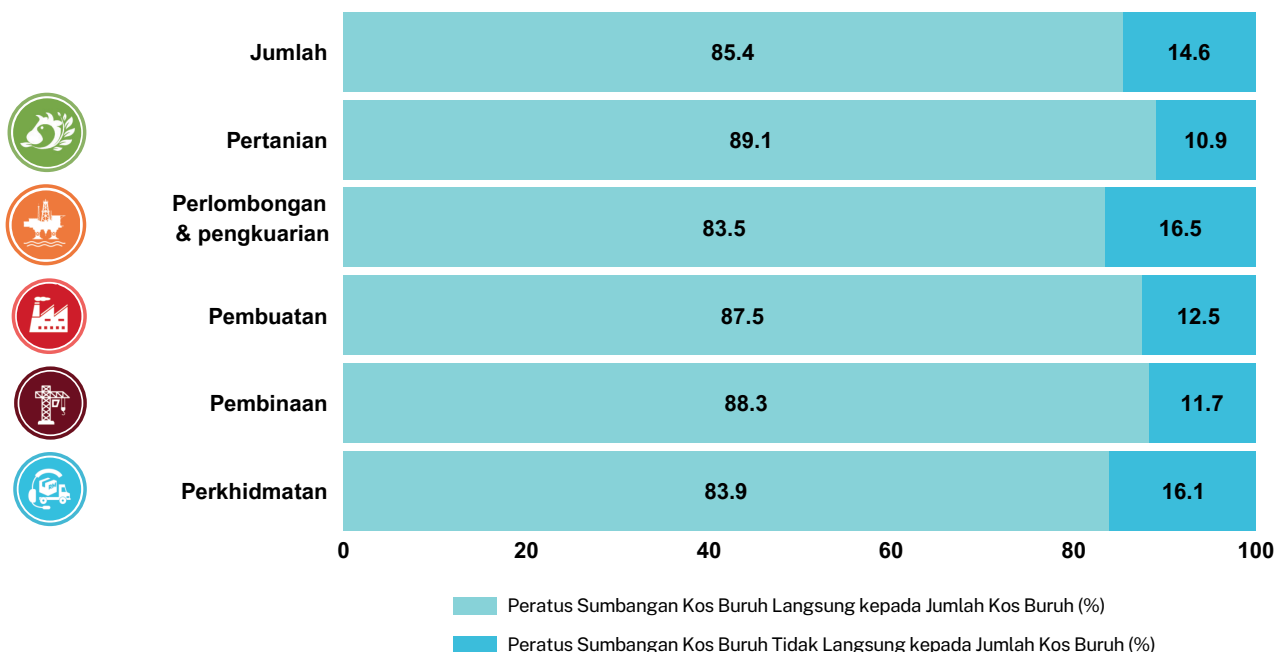


4. Kos Buruh mengikut Aktiviti Ekonomi

Kos buruh, merujuk kepada jumlah perbelanjaan yang ditanggung oleh majikan bagi pengambilan buruh. Ini merangkumi kos buruh langsung seperti upah bagi kerja yang dilakukan, pembayaran bagi masa yang dibayar tetapi tidak bekerja, bonus dan gratuiti, kos makanan, minuman dan bayaran bukan berbentuk, kos perumahan pekerja yang ditanggung oleh majikan, serta kos buruh tidak langsung seperti perbelanjaan keselamatan sosial majikan, kos latihan vokasional oleh majikan, perkhidmatan kebajikan dan perkara-perkara lain seperti pengangkutan pekerja, pakaian kerja dan pengambilan pekerja, bersama-sama dengan cukai yang dianggap sebagai kos buruh.

Kos buruh berjumlah sebanyak RM471,755 juta pada tahun 2022, dengan kos buruh langsung meliputi sebahagian besar kos buruh iaitu RM402,769 juta (sumbangan: 85.4%), manakala kos buruh tidak langsung sebanyak RM68,986 juta (sumbangan: 14.6%). Mengikut aktiviti ekonomi, sektor Perkhidmatan dan Pembuatan merangkumi sebahagian besar daripada jumlah kos pekerjaan, mencapai secara keseluruhannya sebanyak RM407,512 juta (sumbangan: 86.4%). Sementara itu, kos buruh bagi sektor Pembinaan dan Pertanian masing-masing adalah sebanyak RM43,422 juta (sumbangan: 9.2%) dan RM11,253 juta (sumbangan: 2.4%). Sektor yang mempunyai peratus sumbangan terkecil bagi kos buruh ialah sektor Perlombongan dan pengkuarian (RM9,567 juta; 2.0%). **[Paparan 13]**

Paparan 13: Peratus Sumbangan Kos Buruh mengikut Aktiviti Ekonomi (%), 2022



1. INTRODUCTION

The *Economic Census 2023: Employment and Salaries & Wages Statistics* publication presents information about the number of persons engaged, salaries & wages, output per employment and labour cost by economic activities. This publication focuses on the number of persons engaged in the formal private sector of Malaysia derived from the Economic Census 2023 for the reference year of 2022.

2. NUMBER OF PERSONS ENGAGED AND SALARIES & WAGES 2022

2.1 Overall Performance

Malaysia's workforce reached 10,004.3 thousand persons in 2022, recording an average of annual growth rate of 1.8 per cent from 8,857.5 thousand persons in 2015. Over the same period, total salaries & wages paid rose by 5.4 per cent annually, reaching RM354,935 million from RM245,830 million in 2015. On average, employees earned RM3,332 salaries & wages a month in 2022. **[Exhibit 1]**

Exhibit 1: Key Highlights of Employment and Salaries & Wages, 2022



In 2022, 10,004.3 thousand persons were engaged in the workforce and RM354,935 million in salaries & wages were paid. On average, employees earned RM3,332 salaries & wages a month.



Services remained the largest sector, accounting for 58.3 per cent of the total workforce, followed by the Manufacturing and Construction sectors. Mining & quarrying offered the highest average monthly salaries & wages and Agriculture recorded the lowest.



Over half of the workforce was concentrated in Selangor, W.P. Kuala Lumpur and Johor.



Males made up two-thirds of the workforce, outpacing females employment across all sectors.



Semi-skilled workers formed nearly 60 per cent of Malaysia's workforce, but Skilled workers, a fifth of the workforce, earned half of the total salaries & wages, reflecting variation in average salaries & wages across skill levels.



Non-citizens accounted for one in eight workers, down from 16.2 per cent in 2015.



Most workers held SPM/SPM(V)-level qualifications, particularly in the Agriculture sector. Tertiary-educated workers made up nearly one-third of the workforce, while 15.4 per cent had qualifications below the SPM level.



MSMEs employed 65.2 per cent of Malaysia's workforce at average monthly salaries & wages of RM2,810. Employees in large enterprises earned RM4,145, 47.5 per cent more than those in MSMEs.

2.2 By Economic Activity

The Services sector was the primary driver of employment, accounting for 58.3 per cent of total persons engaged or equivalent to 5,831.9 thousand persons. Employment in this sector grew at a compound annual growth rate (CAGR) of 2.8 per cent from 4,798.1 thousand persons engaged in 2015, highlighting its role as the main engine of economic growth. The Manufacturing sector followed as the second largest contributor, employing 2,346.3 thousand persons (23.5%), reflecting an annual increase of 1.5 per cent from 2,119.2 thousand in 2015. By contrast, the Construction, Agriculture, and Mining & quarrying sectors all recorded a decline in employment. The Construction sector, ranked third, recorded a decrease in employment from 1,290.5 thousand persons engaged in 2015 to 1,242.4 thousand in 2022 (CAGR: -0.5%). Similarly, the Agriculture sector contracted from 567.5 thousand individuals engaged in 2015 to 518.1 thousand in 2022, with a CAGR of -1.3 per cent. Meanwhile, the Mining & quarrying sector remained the smallest contributor to employment, with only 65.6 thousand persons in 2022, registering annual decline of 3.2 per cent since 2015.

In terms of total salaries & wages paid, the Services sector recorded the highest contributor, amounting to RM204,415 million, a rise of 6.5 per cent annually from 2015, followed by the Manufacturing sector with RM97,219 million (CAGR: 5.8%). Furthermore, the Construction sector reported RM36,426 million (CAGR: 1.5%). The Agriculture and Mining & quarrying sectors recorded the lowest salaries & wages during this period. The Agriculture sector registered RM9,480 million with a CAGR at 2.5 per cent, while the Mining & quarrying sector recorded RM7,395 million with a CAGR of -0.9 per cent.

On average, workers in the Mining & quarrying sector earned the highest monthly salaries & wages at RM9,422 in 2022 (2015: RM7,980). Meanwhile, the Manufacturing, Services and Construction sectors registered average monthly salaries & wages of RM3,513 (2015: RM2,614), RM3,493 (2015: RM2,729) and RM2,536 (2015: RM2,162), respectively. The Agriculture sector earned the lowest average monthly salaries & wages at RM1,827 (2015: RM1,463). **[Exhibit 2]**

Exhibit 2: Number of Persons Engaged, Salaries & Wages and Average Monthly Salaries & Wages by Economic Activity, 2015 & 2022

		TOTAL	AGRICULTURE	MINING & QUARRYING	MANUFACTURING	CONSTRUCTION	SERVICES
Number of Persons Engaged ('000)	2022	10,004.3 (100%)	518.1 (5.2%)	65.6 (0.7%)	2,346.3 (23.5%)	1,242.4 (12.4%)	5,831.9 (58.3%)
	2015	8,857.5 (100%)	567.5 (6.4%)	82.4 (0.9%)	2,119.2 (23.9%)	1,290.5 (14.6%)	4,798.1 (54.2%)
		1.8% ▲	-1.3% ▼	-3.2% ▼	1.5% ▲	-0.5% ▼	2.8% ▲
Salaries & Wages (RM million)	2022	354,935 (100%)	9,480 (2.7%)	7,395 (2.1%)	97,219 (27.4%)	36,426 (10.3%)	204,415 (57.6%)
	2015	245,830 (100%)	7,949 (3.2%)	7,870 (3.2%)	65,495 (26.6%)	32,899 (13.4%)	131,617 (53.5%)
		5.4% ▲	2.5% ▲	-0.9% ▼	5.8% ▲	1.5% ▲	6.5% ▲
Average Monthly Salaries & Wages	2022	RM3,332	RM1,827	RM9,422	RM3,513	RM2,536	RM3,493
	2015	RM2,590	RM1,463	RM7,980	RM2,614	RM2,162	RM2,729
		3.7% ▲	3.2% ▲	2.4% ▲	4.3% ▲	2.3% ▲	3.6% ▲

(%) Percentage Share

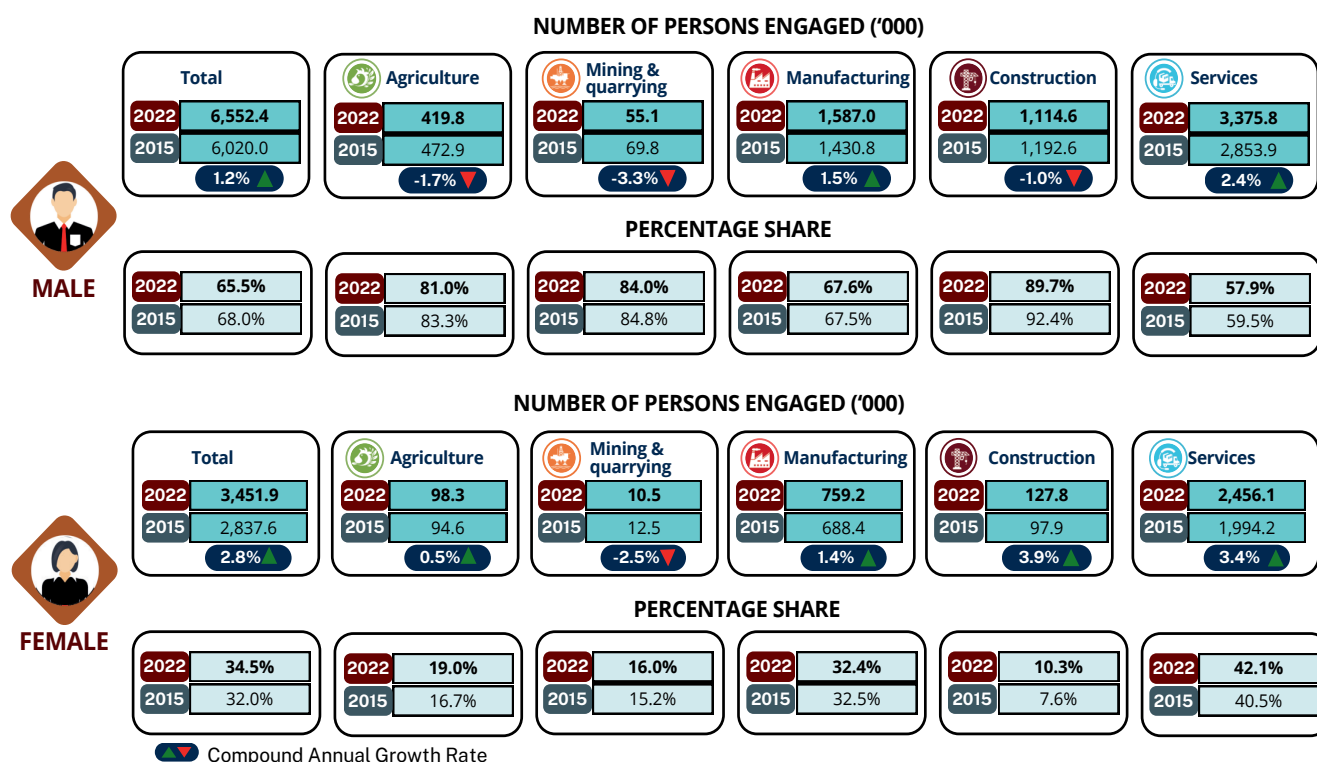
▲ ▼ Compound Annual Growth Rate

2.3 By Sex

Delving into the statistics by sex, males accounted for 65.5 per cent of the total number of persons engaged in employment, which equates to 6,552.4 thousand persons, with an annual growth rate of 1.2 per cent from 6,020 thousand individuals in 2015. In comparison, females represented 34.5 per cent, or 3,451.9 thousand persons engaged, with a higher annual growth rate of 2.8 per cent from 2,837.6 thousand persons engaged in 2015.

Across all sectors, male employment consistently outpaced female employment. This gap was most pronounced in the Construction sector, where males constituted 89.7 per cent of the workforce, followed by Mining & quarrying at 84.0 per cent, and Agriculture at 81.0 per cent. **[Exhibit 3]**

Exhibit 3: Number of Persons Engaged by Sex, 2015 & 2022



2.4 By Citizenship

Employment statistics by citizenship provides a significant snapshot of workforce composition, highlighting sectoral dependencies on foreign labour and shifts driven by policy changes and external shocks. As of 2022, non-citizens accounted for 12.4 per cent of the total persons engaged, totalling 1,241.7 thousand persons. Their numbers have declined at a CAGR of 2.0 per cent since 2015 due to tighter labour policies and the impact of the COVID-19 pandemic. They are predominantly employed in labour-intensive sectors such as Manufacturing, Construction, and Agriculture. Non-citizens made up 43.0 per cent of the Agriculture workforce, 23.6 per cent of Construction, and 23.0 per cent of Manufacturing, significantly higher than their presence in Services (3.1%) and Mining & quarrying (7.7%) sectors.

Meanwhile, Citizens held a significant majority in employment across all economic sectors, particularly in the Services sector, where they represented 96.9 per cent of the workforce, and in Mining & quarrying, where they accounted for 92.3 per cent. The Agriculture sector, however, displayed a more balanced composition, with citizens making up 57.0 per cent of the workforce and non-citizens at 43.0 per cent, highlighting the sector's ongoing dependence on foreign labourers. **[Exhibit 4]**

Exhibit 4: Percentage Share of Number of Persons Engaged by Citizenship, 2022

						
	TOTAL	AGRICULTURE	MINING & QUARRYING	MANUFACTURING	CONSTRUCTION	SERVICES
CITIZEN	87.6%	57.0%	92.3%	77.0%	76.4%	96.9%
NON-CITIZEN	12.4%	43.0%	7.7%	23.0%	23.6%	3.1%
RATIO	15:100	76:100	9:100	30:100	31:100	4:100

 Ratio, non-citizen employees to 100 citizen employees
 Percentage share (%)

2.5 By Category of Employment

Paid full-time employees comprised the largest composition of the workforce in 2022, totalling 8,610 thousand persons or equivalent to 86.1 per cent of the total workforce, followed by working proprietors and unpaid family workers with 11.3 per cent (1,126.5 thousand persons). The remaining 2.7 per cent was paid part-time employees (267.8 thousand persons). Over the period from 2015 to 2022, the number of full-time employees grew at an annual growth rate of 1.7 per cent.

Examining the statistics by occupational categories, Clerical and Related Occupations comprised the largest proportion of paid full-time employees, accounting for 51.5 per cent (5,148.8 thousand persons), followed by Elementary Occupations (1,543.5 thousand persons), Managers, Professionals, and Researchers (1,327.1 thousand persons), and Technicians and Associate Professionals (590.5 thousand persons).

*In terms of remuneration, Manager, Professional, and Researcher earned the highest monthly salaries & wages at RM7,911 (2015: RM7,389), followed by Technicians and associate professionals at RM4,844 (2015: RM4,084), Clerical and related occupations at RM2,548 (2015: RM1,832) and Elementary occupations at RM1,798 (2015: RM1,280). **[Exhibit 5]***

Exhibit 5: Number of Persons Engaged, Salaries & Wages and Average Monthly Salaries & Wages by Category of Employment, 2015 & 2022

2022: 10,004.3 thousand persons
2015: 8,857.5 thousand persons

1.8% ▲

TOTAL EMPLOYEES

2022: RM354,935 million
2015: RM245,830 million

5.4% ▲

WORKING PROPRIETORS AND UNPAID FAMILY WORKERS

2022 1,126.5 (11.3%)
2015 947.5 (10.7%)

2.5% ▲

PAID EMPLOYEES

FULL-TIME

2022 8,610.0 (86.1%) 1.7% ▲
2015 7,676.6 (86.7%)
2022 351,061 (98.9%) 5.4% ▲
2015 243,054 (98.9%)
2022 RM3,398 3.7% ▲
2015 RM2,638

PART-TIME

2022 267.8 (2.7%) 2.0% ▲
2015 233.4 (2.6%)
2022 3,875 (1.1%) 4.9% ▲
2015 2,776 (1.1%)

Manager, Professional and Researcher

2022 1,327.1 (13.3%) 3.8% ▲
2015 1,024.9 (11.6%)
2022 125,990 (35.5%) 4.8% ▲
2015 90,871 (37.0%)
2022 RM7,911 1.0% ▲
2015 RM7,389

Technicians and Associate Professionals

2022 590.5 (5.9%) 1.9% ▲
2015 519.1 (5.9%)
2022 34,324 (9.7%) 4.4% ▲
2015 25,439 (10.3%)
2022 RM4,844 2.5% ▲
2015 RM4,084

Clerical and Related Occupations

2022 5,148.8 (51.5%) 0.7% ▲
2015 4,916.8 (55.5%)
2022 157,450 (44.4%) 5.5% ▲
2015 108,069 (44.0%)
2022 RM2,548 4.8% ▲
2015 RM1,832

Elementary Occupations

2022 1,543.5 (15.4%) 3.5% ▲
2015 1,215.8 (13.7%)
2022 33,296 (9.4%) 8.6% ▲
2015 18,676 (7.6%)
2022 RM1,798 5.0% ▲
2015 RM1,280

Total

2022 125,990 (35.5%) 4.8% ▲
2015 90,871 (37.0%)
2022 RM7,911 1.0% ▲
2015 RM7,389

2022 34,324 (9.7%) 4.4% ▲
2015 25,439 (10.3%)
2022 RM4,844 2.5% ▲
2015 RM4,084

2022 157,450 (44.4%) 5.5% ▲
2015 108,069 (44.0%)
2022 RM2,548 4.8% ▲
2015 RM1,832

2022 33,296 (9.4%) 8.6% ▲
2015 18,676 (7.6%)
2022 RM1,798 5.0% ▲
2015 RM1,280



Agriculture

2022 20.6 (4.0%) 1.1% ▲
2015 19.2 (3.4%)
2022 1,200 (12.7%) 3.2% ▲
2015 959 (12.1%)
2022 RM4,847 2.2% ▲
2015 RM4,173

2022 7.9 (1.5%) -2.8% ▼
2015 9.7 (1.7%)
2022 304 (3.2%) 0.4% ▲
2015 296 (3.7%)
2022 RM3,211 3.3% ▲
2015 RM2,554

2022 326.0 (62.9%) -2.3% ▼
2015 384.9 (67.8%)
2022 6,755 (71.2%) 1.1% ▲
2015 6,249 (78.6%)
2022 RM1,726 3.5% ▲
2015 RM1,353

2022 71.7 (13.8%) 14.4% ▲
2015 27.9 (4.9%)
2022 1,135 (12.0%) 17.4% ▲
2015 370 (4.7%)
2022 RM1,320 2.6% ▲
2015 RM1,105



Mining & quarrying

2022 16.8 (25.6%) 1.8% ▲
2015 14.8 (18.0%)
2022 4,846 (65.5%) 0.8% ▲
2015 4,582 (58.2%)
2022 RM24,023 -1.0% ▼
2015 RM25,783

2022 8.9 (13.6%) -2.2% ▼
2015 10.4 (12.7%)
2022 1,233 (16.7%) -3.6% ▼
2015 1,599 (20.3%)
2022 RM11,485 -1.5% ▼
2015 RM12,786

2022 34.6 (52.7%) -3.9% ▼
2015 45.8 (55.6%)
2022 1,220 (16.5%) -2.6% ▼
2015 1,471 (18.7%)
2022 RM2,939 1.3% ▲
2015 RM2,677

2022 4.9 (7.4%) -10.9% ▼
2015 10.9 (13.2%)
2022 93 (1.3%) -11.2% ▼
2015 214 (2.7%)
2022 RM1,592 -0.4% ▼
2015 RM1,640



Manufacturing

2022 224.1 (9.6%) 2.1% ▲
2015 193.7 (9.1%)
2022 29,068 (29.9%) 5.3% ▲
2015 20,222 (30.9%)
2022 RM10,810 3.1% ▲
2015 RM8,702

2022 192.7 (8.2%) 1.5% ▲
2015 174.0 (8.2%)
2022 11,282 (11.6%) 5.4% ▲
2015 7,802 (11.9%)
2022 RM4,879 3.9% ▲
2015 RM3,738

2022 1,668.2 (71.1%) 1.0% ▲
2015 1,559.6 (73.6%)
2022 51,615 (53.1%) 5.8% ▲
2015 34,669 (52.9%)
2022 RM2,578 4.8% ▲
2015 RM1,852

2022 209.1 (8.9%) 5.0% ▲
2015 148.3 (7.0%)
2022 5,094 (5.2%) 9.9% ▲
2015 2,636 (4.0%)
2022 RM2,030 4.6% ▲
2015 RM1,482



Construction

2022 112.0 (9.0%) 6.8% ▲
2015 70.5 (5.5%)
2022 8,807 (24.2%) 6.8% ▲
2015 5,553 (16.9%)
2022 RM6,555 0.0% ▲
2015 RM6,568

2022 63.6 (5.1%) 2.2% ▲
2015 54.5 (4.2%)
2022 2,982 (8.2%) 3.9% ▲
2015 2,283 (6.9%)
2022 RM3,905 1.6% ▲
2015 RM3,490

2022 929.8 (74.8%) 2.2% ▲
2015 1,090.9 (84.5%)
2022 23,182 (63.6%) -0.6% ▼
2015 24,193 (73.5%)
2022 RM2,078 1.7% ▲
2015 RM1,848

2022 76.0 (6.1%) 7.4% ▲
2015 46.1 (3.6%)
2022 1,304 (3.6%) 7.1% ▲
2015 809 (2.5%)
2022 RM1,431 -0.3% ▼
2015 RM1,462



Services

2022 953.7 (16.4%) 4.0% ▲
2015 726.8 (15.1%)
2022 82,069 (40.1%) 4.7% ▲
2015 59,555 (45.2%)
2022 RM7,171 0.7% ▲
2015 RM6,828

2022 317.4 (5.4%) 2.3% ▲
2015 270.6 (5.6%)
2022 18,523 (9.1%) 4.7% ▲
2015 13,459 (10.2%)
2022 RM4,864 2.3% ▲
2015 RM4,145

2022 2,190.1 (37.6%) 2.3% ▲
2015 1,835.6 (38.3%)
2022 74,679 (36.5%) 8.8% ▲
2015 41,487 (31.5%)
2022 RM2,841 6.1% ▲
2015 RM1,883

2022 1,182.0 (20.3%) 2.7% ▲
2015 982.7 (20.5%)
2022 25,670 (12.6%) 8.3% ▲
2015 14,647 (11.1%)
2022 RM1,810 5.5% ▲
2015 RM1,242

Number of Persons Engaged ('000)

Salaries & Wages (RM million)

Compound Annual Growth Rate

Average Monthly Salaries & Wages

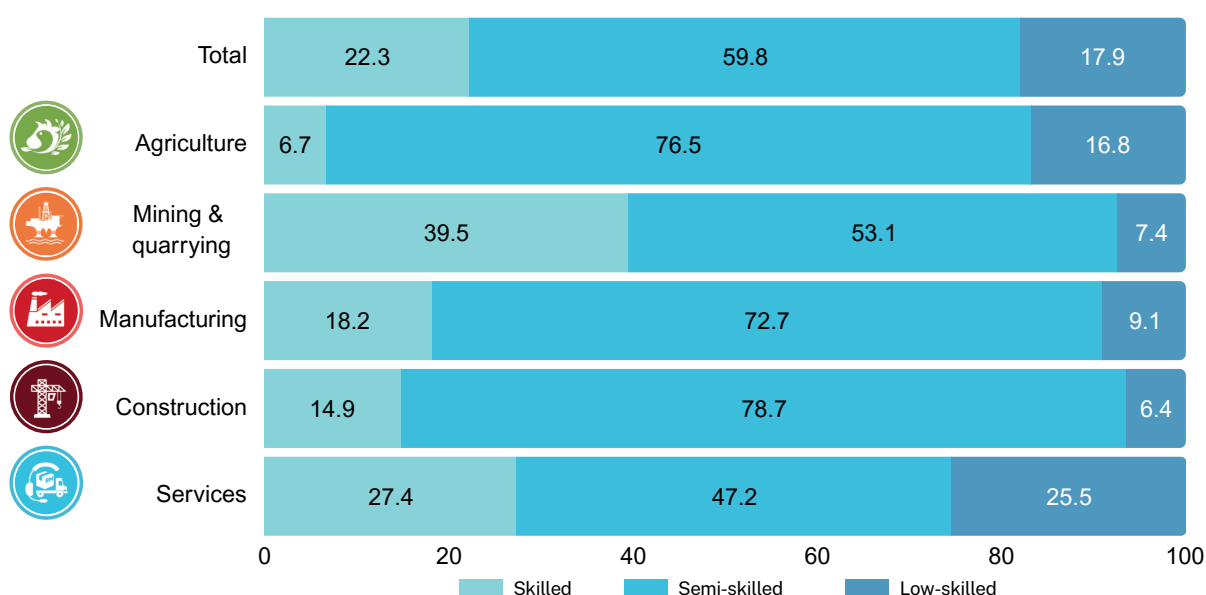
(%) Percentage Share

2.6 By Skills

Disaggregating the employment by skill category, semi-skilled workers represented the majority of the full-time employees in 2022, accounting for 59.8 per cent (5,148.8 thousand persons). This category of workforce grew at an average annual rate of 0.7 per cent from 4,916.8 thousand persons in 2015. Skilled workers made up 22.3 per cent, with a growth of 3.1 per cent annually from 1,544.0 thousand persons in 2015. Meanwhile, low-skilled workers accounted for 17.9 per cent (1,543.5 thousand persons) in 2022, rose 3.5 per cent annually from 1,215.8 thousand persons in 2015.

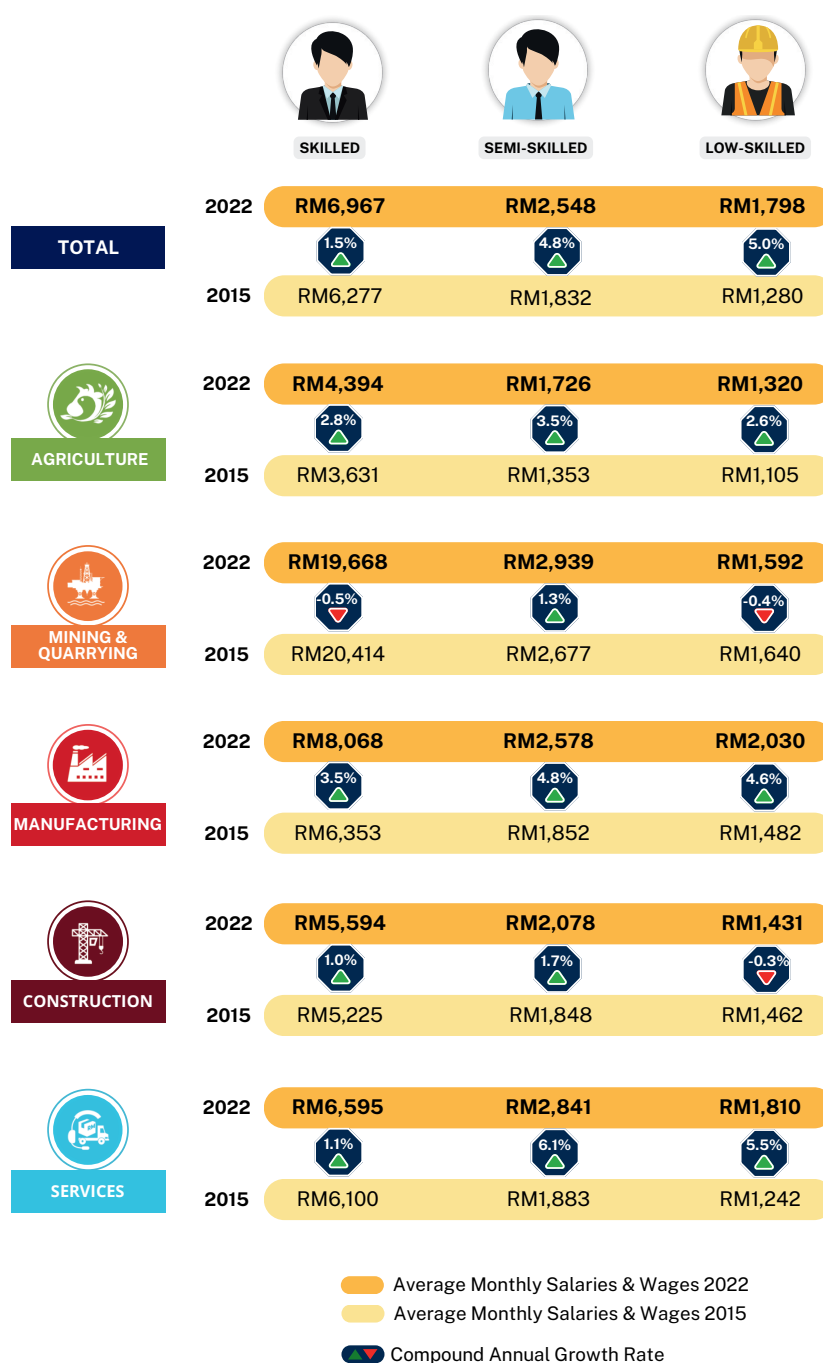
Across all sectors, semi-skilled workers were the largest, particularly in the Construction (share: 78.7%), Agriculture (share: 76.5%), and Manufacturing (share: 72.7%) sectors. In the Services sector, the workforce composition by skill was more balanced, with semi-skilled workers comprising the largest share at 47.2 per cent while skilled and low-skilled workers accounted for 27.4 per cent and 25.5 per cent, respectively. **[Exhibit 6]**

Exhibit 6: Percentage Share of Number of Persons Engaged by Skills (%), 2022



In terms of average monthly salaries & wages, the gap between skill levels remained wide over the period, reflecting structural differences in labour market returns to skills. Skilled workers earned the highest at RM6,967 in 2022, reflecting a compound annual growth rate of 1.5 per cent from RM6,277 in 2015. Over the same period, the semi-skilled workers earned RM2,548, up from RM1,832 (CAGR: 4.8%), while low-skilled workers recorded an increased to RM1,798 from RM1,280 (CAGR: 5.0%). **[Exhibit 7]**

Exhibit 7: Average Monthly Salaries & Wages by Skills, 2015 & 2022



2.7 By Qualification

The breakdown of the number of persons engaged by qualification indicates that workers with SPM/ SPM (V) or equivalent made up the largest share of the workforce, with 46.2 per cent in 2022 (4,622.9 thousand persons). This qualification was particularly prevalent in the Agriculture sector, where 81.0 per cent of workers held SPM/SPM(V) or equivalent.

Meanwhile, 31.3 per cent of workforce holds tertiary education qualifications. Among them, Diploma holders accounted for 14.1 per cent (1,406.2 thousand persons), while Bachelor/ Advanced Diploma or equivalent comprise of 11.2 per cent (1,119.0 thousand persons). Workers with STPM or an equivalent qualification represent 4.7 per cent (474.2 thousand persons), and those with Postgraduate qualifications represented the smallest share, at 1.3 per cent (128.8 thousand persons).

Additionally, 15.4 per cent of workforces (1,537.6 thousand persons) possessed an education level below SPM. [Exhibit 8]

Exhibit 8: Number of Persons Engaged by Qualification, 2022

						
	TOTAL	AGRICULTURE	MINING & QUARRYING	MANUFACTURING	CONSTRUCTION	SERVICES
TOTAL	10,004.3 (100%)	518.1 (100%)	65.6 (100%)	2,346.3 (100%)	1,242.4 (100%)	5,831.9 (100%)
 POSTGRADUATE	128.8 (1.3%)	0.8 (0.2%)	2.2 (3.3%)	13.7 (0.6%)	8.6 (0.7%)	103.4 (1.8%)
 BACHELOR/ ADVANCED DIPLOMA OR EQUIVALENT	1,119.0 (11.2%)	13.4 (2.6%)	12.6 (19.2%)	190.5 (8.1%)	124.1 (10.0%)	778.5 (13.3%)
 DIPLOMA	1,406.2 (14.1%)	17.9 (3.5%)	12.5 (19.0%)	289.6 (12.3%)	148.7 (12.0%)	937.5 (16.1%)
 STPM OR EQUIVALENT	474.2 (4.7%)	8.5 (1.6%)	2.5 (3.7%)	48.3 (2.1%)	42.1 (3.4%)	372.8 (6.4%)
 CERTIFICATE	715.5 (7.2%)	13.8 (2.7%)	6.3 (9.5%)	124.9 (5.3%)	136.1 (11.0%)	434.5 (7.5%)
 SPM/SPM (V) OR EQUIVALENT	4,622.9 (46.2%)	419.6 (81.0%)	19.3 (29.3%)	1,144.1 (48.8%)	459.6 (37.0%)	2,580.4 (44.2%)
 BELOW SPM	1,537.6 (15.4%)	44.2 (8.5%)	10.4 (15.9%)	535.1 (22.8%)	323.2 (26.0%)	624.7 (10.7%)

■ Number of persons engaged ('000)
■ Percentage share (%)

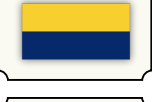
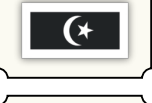
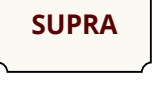
2.8 By State

Looking at the composition of the workforce by state, Selangor recorded the highest number of persons engaged at 2,679.7 thousand persons in 2022 (share: 26.8%). This was followed by Wilayah Persekutuan (1,665.3 thousand persons; share: 16.6%), and Johor (1,264.8 thousand persons; share: 12.6%). Most workers in Selangor and Wilayah Persekutuan were concentrated in the Services sector, while workers in Johor were primarily in the Services and Manufacturing sector. Meanwhile, Perlis recorded the lowest percentage share of 0.4 per cent with 40.2 thousand persons in 2022.

Between 2015 and 2022, Pulau Pinang experienced the fastest annual growth in employment, increasing by 3.5 per cent annually to 819.3 thousand persons in 2022 (2015: 641.9 thousand persons). The increase was driven mainly by the Manufacturing sector, which added 99.5 thousand persons over the period (2022: 371.7 thousand persons; 2015: 272.2 thousand persons). **[Exhibit 9]**

In terms of salaries & wages, Selangor led in 2022 with a total of RM106,042 million, followed by Wilayah Persekutuan with RM78,421 million and Johor with RM39,618 million. These three states collectively accounted for 63.2 per cent of national salaries & wages. Meanwhile, Perlis recorded the lowest, with a total of RM796 million. **[Exhibit 10]**

Exhibit 9: Number of Persons Engaged by State, 2015 & 2022

		TOTAL	AGRICULTURE	MINING & QUARRYING	MANUFACTURING	CONSTRUCTION	SERVICES
	MALAYSIA						
	2022	10,004.3 (100%)	518.1 (100%)	65.6 (100%)	2,346.3 (100%)	1,242.4 (100%)	5,831.9 (100%)
	2015	8,857.5 (100%)	567.5 (100%)	82.4 (100%)	2,119.2 (100%)	1,290.5 (100%)	4,798.1 (100%)
		1.8% ▲	-1.3% ▼	-3.2% ▼	1.5% ▲	-0.5% ▼	2.8% ▲
	JOHOR						
	2022	1,264.8 (12.6%)	62.0 (12.0%)	4.4 (6.7%)	483.0 (20.6%)	160.3 (12.9%)	555.1 (9.5%)
	2015	1,194.7 (13.5%)	65.2 (11.5%)	5.4 (6.5%)	448.4 (21.2%)	240.5 (18.6%)	435.3 (9.1%)
		0.8% ▲	-0.7% ▼	-2.7% ▼	1.1% ▲	-5.6% ▼	3.5% ▲
	KEDAH						
	2022	370.6 (3.7%)	12.9 (2.5%)	0.5 (0.7%)	118.2 (5.0%)	31.5 (2.5%)	207.5 (3.6%)
	2015	315.4 (3.6%)	14.7 (2.6%)	0.5 (0.7%)	97.5 (4.6%)	26.9 (2.1%)	175.8 (3.7%)
		2.3% ▲	-1.8% ▼	-1.5% ▼	2.8% ▲	2.3% ▲	2.4% ▲
	KELANTAN						
	2022	200.9 (2.0%)	11.1 (2.1%)	2.0 (3.0%)	19.3 (0.8%)	17.4 (1.4%)	151.2 (2.6%)
	2015	180.8 (2.0%)	12.7 (2.2%)	2.2 (2.7%)	19.7 (0.9%)	16.7 (1.3%)	129.5 (2.7%)
		1.5% ▲	-1.9% ▼	-1.9% ▼	-0.2% ▼	0.6% ▲	2.2% ▲
	MELAKA						
	2022	292.3 (2.9%)	9.5 (1.8%)	0.5 (0.7%)	99.9 (4.3%)	23.6 (1.9%)	158.8 (2.7%)
	2015	250.7 (2.8%)	12.0 (2.1%)	0.5 (0.6%)	82.7 (3.9%)	21.8 (1.7%)	133.7 (2.8%)
		2.2% ▲	-3.3% ▼	-0.8% ▼	2.7% ▲	1.1% ▼	2.5% ▲
	NEGERI SEMBILAN						
	2022	315.0 (3.1%)	16.2 (3.1%)	1.6 (2.4%)	93.2 (4.0%)	48.5 (3.9%)	155.5 (2.7%)
	2015	278.7 (3.1%)	18.5 (3.3%)	1.9 (2.3%)	77.3 (3.6%)	48.3 (3.7%)	132.7 (2.8%)
		1.8% ▲	-1.9% ▼	-2.7% ▼	2.7% ▲	0.1% ▲	2.3% ▲
	PAHANG						
	2022	336.1 (3.4%)	57.2 (11.0%)	4.3 (6.6%)	54.8 (2.3%)	45.7 (3.7%)	174.2 (3.0%)
	2015	324.9 (3.7%)	64.0 (11.3%)	10.9 (13.3%)	44.5 (2.1%)	59.5 (4.6%)	146.0 (3.0%)
		0.5% ▲	-1.6% ▼	-12.4% ▼	3.0% ▲	-3.7% ▼	2.6% ▲
	PULAU PINANG						
	2022	819.3 (8.2%)	7.9 (1.5%)	1.6 (2.4%)	371.7 (15.8%)	81.3 (6.5%)	356.7 (6.1%)
	2015	641.9 (7.2%)	5.4 (1.0%)	1.6 (1.9%)	272.2 (12.8%)	71.4 (5.5%)	291.3 (6.1%)
		3.5% ▲	5.7% ▲	0.5% ▲	4.6% ▲	1.9% ▲	2.9% ▲
	PERAK						
	2022	576.5 (5.8%)	42.1 (8.1%)	5.1 (7.8%)	147.3 (6.3%)	66.7 (5.4%)	315.3 (5.4%)
	2015	528.2 (6.0%)	48.0 (8.5%)	4.8 (5.9%)	138.7 (6.5%)	67.2 (5.2%)	269.4 (5.6%)
		1.3% ▲	-1.9% ▼	0.8% ▲	0.9% ▲	-0.1% ▼	2.3% ▲
	PERLIS						
	2022	40.2 (0.4%)	0.4 (0.1%)	0.2 (0.3%)	5.2 (0.2%)	4.2 (0.3%)	30.2 (0.5%)
	2015	35.1 (0.4%)	0.3 (0.1%)	0.2 (0.3%)	5.7 (0.3%)	6.2 (0.5%)	22.6 (0.5%)
		1.9% ▲	2.2% ▲	-2.8% ▼	-1.4% ▼	-5.5% ▼	4.2% ▲
	SELANGOR						
	2022	2,679.7 (26.8%)	28.0 (5.4%)	12.3 (18.8%)	723.8 (30.8%)	316.1 (25.4%)	1,599.5 (27.4%)
	2015	2,292.0 (25.9%)	35.8 (6.3%)	15.5 (18.8%)	646.2 (30.5%)	316.9 (24.6%)	1,277.7 (26.6%)
		2.3% ▲	-3.4% ▼	-3.2% ▼	1.6% ▲	0.0% ▼	3.3% ▲
	TERENGGANU						
	2022	200.7 (2.0%)	23.0 (4.4%)	1.7 (2.6%)	26.5 (1.1%)	32.8 (2.6%)	116.6 (2.0%)
	2015	181.5 (2.0%)	24.7 (4.4%)	1.7 (2.1%)	23.8 (1.1%)	34.7 (2.7%)	96.5 (2.0%)
		1.4% ▲	-1.0% ▼	0.2% ▲	1.5% ▲	-0.8% ▼	2.7% ▲
	SABAH						
	2022	609.3 (6.1%)	170.3 (32.9%)	5.2 (8.0%)	61.7 (2.6%)	66.7 (5.4%)	305.3 (5.2%)
	2015	566.4 (6.4%)	181.7 (32.0%)	4.9 (6.0%)	63.8 (3.0%)	64.9 (5.0%)	251.1 (5.2%)
		1.0% ▲	-0.9% ▼	0.9% ▲	-0.5% ▼	0.4% ▲	2.8% ▲
	SARAWAK						
	2022	624.4 (6.2%)	77.2 (14.9%)	12.3 (18.8%)	101.2 (4.3%)	99.4 (8.0%)	334.3 (5.7%)
	2015	565.3 (6.4%)	84.1 (14.8%)	11.8 (14.3%)	99.3 (4.7%)	89.3 (6.9%)	280.9 (5.9%)
		1.4% ▲	-1.2% ▼	0.6% ▲	0.3% ▲	1.5% ▲	2.5% ▲
	WILAYAH PERSEKUTUAN *						
	2022	1,665.3 (16.6%)	0.2 (0.0%)	4.6 (7.0%)	40.5 (1.7%)	248.3 (20.0%)	1,371.7 (23.5%)
	2015	1,492.1 (16.8%)	0.3 (0.0%)	10.5 (12.7%)	99.4 (4.7%)	226.3 (17.5%)	1,155.6 (24.1%)
		1.6% ▲	-5.5% ▼	-11.1% ▼	-12.0% ▼	1.3% ▲	2.5% ▲
	SUPRA **						
	2022	9.3 (0.1%)	n.a (n.a)	9.3 (14.2%)	n.a (n.a)	n.a (n.a)	n.a (n.a)
	2015	9.9 (0.1%)	n.a (n.a)	9.9 (12.0%)	n.a (n.a)	n.a (n.a)	n.a (n.a)
		-0.9% ▼		-0.9% ▼			

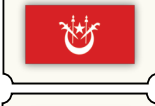
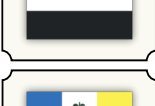
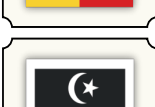
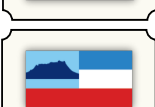
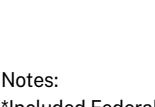
Percentage Share (%) Number of Persons Engaged ('000) Compound Annual Growth Rate ▲ ▼

Notes:

*Included Federal Territory Kuala Lumpur, Labuan and Putrajaya

** Comprises of production activities that beyond the centre of predominant economic interest for any state

Exhibit 10: Salaries & Wages by State, 2015 & 2022

		TOTAL	AGRICULTURE	MINING & QUARRYING	MANUFACTURING	CONSTRUCTION	SERVICES
	MALAYSIA						
	2022	354,935 (100%)	9,480 (100%)	7,395 (100%)	97,219 (100%)	36,426 (100%)	204,415 (100%)
	2015	245,830 (100%)	7,949 (100%)	7,870 (100%)	65,495 (100%)	32,899 (100%)	131,617 (100%)
		5.4% ▲	2.5% ▲	-0.9% ▼	5.8% ▲	1.5% ▲	6.5% ▲
	JOHOR						
	2022	39,618 (11.8%)	1,295 (13.7%)	161 (2.2%)	18,027 (18.5%)	4,468 (12.3%)	15,667 (7.7%)
	2015	28,979 (11.2%)	1,079 (13.6%)	162 (2.1%)	12,245 (18.7%)	5,953 (18.1%)	9,541 (7.2%)
		4.6% ▲	2.6% ▲	-0.1% ▼	5.7% ▲	-4.0% ▼	7.3% ▲
	KEDAH						
	2022	10,090 (2.8%)	221 (2.3%)	14 (0.2%)	4,646 (4.2%)	842 (1.8%)	4,368 (2.1%)
	2015	6,361 (2.6%)	192 (2.4%)	14 (2.2%)	2,781 (18.5%)	604 (12.3%)	2,770 (7.7%)
		6.8% ▲	2.0% ▲	-0.7% ▼	7.6% ▲	4.9% ▲	6.7% ▲
	KELANTAN						
	2022	3,205 (0.9%)	184 (1.9%)	64 (0.9%)	466 (0.5%)	458 (1.3%)	2,033 (1.0%)
	2015	2,303 (0.9%)	188 (2.4%)	62 (0.8%)	322 (0.5%)	434 (1.3%)	1,296 (1.0%)
		4.8% ▲	-0.3% ▼	0.3% ▲	5.4% ▲	0.8% ▲	6.6% ▲
	MELAKA						
	2022	9,221 (2.6%)	229 (2.4%)	13 (0.2%)	4,376 (4.5%)	570 (1.6%)	4,033 (2.0%)
	2015	6,010 (2.4%)	196 (2.5%)	10 (0.1%)	2,716 (4.1%)	478 (1.5%)	2,611 (2.0%)
		6.3% ▲	2.3% ▲	4.0% ▲	7.0% ▲	2.6% ▲	6.4% ▲
	NEGERI SEMBILAN						
	2022	9,630 (2.7%)	297 (3.1%)	47 (0.6%)	4,483 (4.6%)	1,194 (3.3%)	3,609 (1.8%)
	2015	6,356 (2.6%)	278 (3.5%)	49 (0.6%)	2,645 (4.0%)	1,022 (3.1%)	2,362 (1.8%)
		6.1% ▲	0.9% ▲	-0.4% ▼	7.8% ▲	2.2% ▲	6.2% ▲
	PAHANG						
	2022	8,446 (2.4%)	916 (9.7%)	143 (1.9%)	2,270 (2.3%)	1,269 (3.5%)	3,847 (1.9%)
	2015	6,533 (2.7%)	761 (9.6%)	361 (4.6%)	1,354 (2.1%)	1,593 (4.8%)	2,463 (1.9%)
		3.7% ▲	2.7% ▲	-12.4% ▼	7.7% ▲	-3.2% ▼	6.6% ▲
	PULAU PINANG						
	2022	31,180 (8.8%)	191 (2.0%)	64 (0.9%)	18,526 (19.1%)	2,223 (6.1%)	10,176 (5.0%)
	2015	19,071 (7.8%)	92 (1.2%)	52 (0.7%)	10,431 (15.9%)	1,943 (5.9%)	6,553 (5.0%)
		7.3% ▲	11.1% ▲	2.9% ▲	8.6% ▲	1.9% ▲	6.5% ▲
	PERAK						
	2022	15,491 (4.4%)	751 (7.9%)	169 (2.3%)	5,316 (5.5%)	1,838 (5.0%)	7,416 (3.6%)
	2015	10,570 (4.3%)	700 (8.8%)	131 (1.7%)	3,479 (5.3%)	1,641 (5.0%)	4,618 (3.5%)
		5.6% ▲	1.0% ▲	3.7% ▲	6.2% ▲	1.6% ▲	7.0% ▲
	PERLIS						
	2022	796 (0.2%)	6 (0.1%)	8 (0.1%)	124 (0.1%)	74 (0.2%)	584 (0.3%)
	2015	575 (0.2%)	3 (0.0%)	9 (0.1%)	127 (0.2%)	83 (0.3%)	353 (0.3%)
		4.8% ▲	9.5% ▲	-0.5% ▼	-0.2% ▼	-1.6% ▼	7.4% ▲
	SELANGOR						
	2022	106,042 (29.9%)	512 (5.4%)	486 (6.6%)	29,845 (30.7%)	10,290 (28.2%)	64,909 (31.8%)
	2015	72,840 (29.6%)	478 (6.0%)	391 (5.0%)	21,286 (32.5%)	8,605 (26.2%)	42,080 (32.0%)
		5.5% ▲	1.0% ▲	3.1% ▲	4.9% ▲	2.6% ▲	6.4% ▲
	TERENGGANU						
	2022	5,072 (1.4%)	276 (2.9%)	96 (1.3%)	1,541 (1.6%)	1,009 (2.8%)	2,149 (1.1%)
	2015	3,618 (1.5%)	221 (2.8%)	150 (1.9%)	981 (1.5%)	955 (2.9%)	1,311 (1.0%)
		4.9% ▲	3.2% ▲	-6.1% ▼	6.7% ▲	0.8% ▲	7.3% ▲
	SABAH						
	2022	14,576 (4.1%)	2,883 (30.4%)	751 (10.2%)	1,683 (1.7%)	1,765 (4.8%)	7,494 (3.7%)
	2015	10,187 (4.1%)	2,202 (27.7%)	736 (9.4%)	1,281 (2.0%)	1,356 (4.1%)	4,612 (3.5%)
		5.3% ▲	3.9% ▲	0.3% ▲	4.0% ▲	3.8% ▲	7.2% ▲
	SARAWAK						
	2022	20,159 (5.7%)	1,714 (18.1%)	1,879 (25.4%)	4,263 (4.4%)	2,940 (8.1%)	9,362 (4.6%)
	2015	14,156 (5.8%)	1,554 (19.5%)	1,582 (20.1%)	2,667 (4.1%)	2,379 (7.2%)	5,975 (4.5%)
		5.2% ▲	1.4% ▲	2.5% ▲	6.9% ▲	3.1% ▲	6.6% ▲
	WILAYAH PERSEKUTUAN *						
	2022	78,421 (22.1%)	4 (0.0%)	510 (6.9%)	1,653 (1.7%)	7,486 (20.6%)	68,768 (33.6%)
	2015	55,244 (22.5%)	4 (0.1%)	1,134 (14.4%)	3,181 (4.9%)	5,853 (17.8%)	45,071 (34.2%)
		5.1% ▲	-0.7% ▼	-10.8% ▼	-8.9% ▼	3.6% ▲	6.2% ▲
	SUPRA **						
	2022	2,990 (0.8%)	n.a (n.a)	2,990 (40.4%)	n.a (n.a)	n.a (n.a)	n.a (n.a)
	2015	3,026 (1.2%)	n.a (n.a)	3,026 (38.5%)	n.a (n.a)	n.a (n.a)	n.a (n.a)
		-0.2% ▼		-0.2% ▼			

Percentage Share (%) Salaries & Wages (RM million) Compound Annual Growth Rate ▲ ▼

Notes:

*Included Federal Territory Kuala Lumpur, Labuan and Putrajaya

** Comprises of production activities that beyond the centre of predominant economic interest for any state

2.9 By Size of Establishment

The number of persons engaged in Micro, Small and Medium Enterprises (MSMEs) reached 6,527.8 thousand persons in 2022, which represents 65.2 per cent of the total workforce. In contrast, large enterprises employed 3,476.5 thousand persons, accounting for the remaining 34.8 per cent of the total workforce. Within the MSMEs segment, small enterprises comprised the largest composition, accounting for 43.1 per cent or equivalent to 2,814.9 thousand persons. The micro enterprises and medium enterprises followed with 35.7 per cent (2,331.1 thousand persons) and 21.2 per cent (1,381.8 thousand persons), respectively.

Breaking down the workforce by size of establishment and sector indicates that Malaysia's MSME employment remains heavily concentrated in the Services sector. As of 2022, about 70.2 per cent of all MSME employees were engaged in Services, particularly in Wholesale & retail trade and Food & beverage subsectors. Manufacturing accounted for 15.3 per cent of MSME employment, making it the second-largest contributor. Meanwhile, MSMEs in the Construction, Agriculture, and Mining & quarrying sectors employed 672.2 thousand persons, 255.0 thousand persons and 19.6 thousand persons, respectively. On the contrary, large enterprises showed a different pattern. Most of workers in large enterprises were concentrated in Manufacturing, which accounted for 38.7 per cent of overall large enterprises workforce, or equal to 1,346.0 thousand persons. This followed by Services (1,251.2 thousand persons; share: 36.0%), Construction (570.2 thousand persons; share: 16.4%), Agriculture (263.1 thousand persons; share: 7.6%), and Mining & Quarrying (46.0 thousand persons; share: 1.3%) sectors.

*The salaries & wages gap between MSMEs and large enterprises in Malaysia remained substantial, reflecting structural differences in scale and productivity. Workers in large enterprises earned on average 47.5 per cent more than those in MSMEs. Average monthly salaries & wages of employees in large enterprises stood at RM4,145, compared with RM2,810 in MSMEs. Across economic activities, MSMEs employees earned salaries & wages the most in Services (RM2,980), Mining & quarrying (RM2,855), and Manufacturing (RM2,774). Large enterprises paid significantly higher salaries & wages in Mining & quarrying (RM12,191), followed by Services (RM4,988) and Manufacturing (RM4,042) sectors. **[Exhibit 11]***

Exhibit 11: Number of Persons Engaged, Salaries & Wages and Average Monthly Salaries & Wages by Size of Establishment, 2022

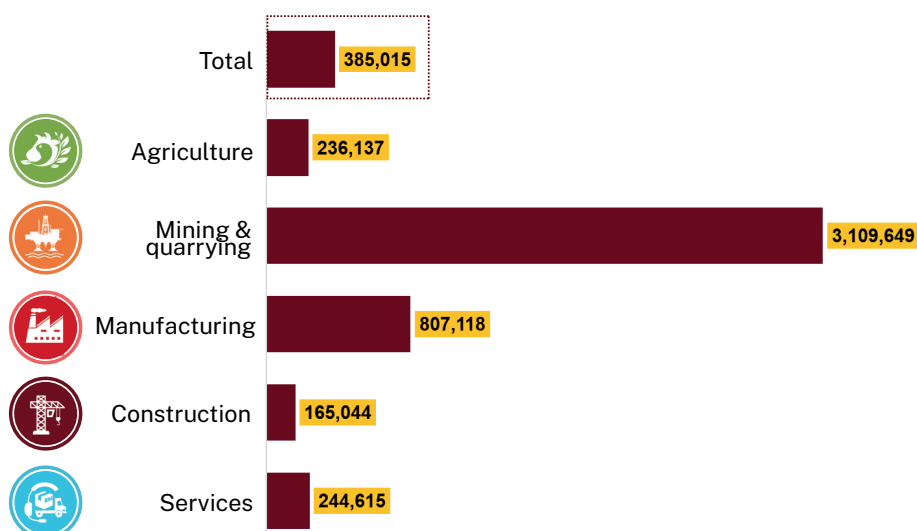
	Size of Establishment											
	Total		Large Enterprise		Micro, Small and Medium Enterprises (MSMEs)		Medium Enterprise		Small Enterprise		Micro Enterprise	
Total	10,004.3 (100.0%)	354,935 (100.0%)	3,476.5 (34.8%)	172,601 (48.6%)	6,527.8 (65.2%)	182,334 (51.4%)	1,381.8 (21.2%)	47,948 (26.3%)	2,814.9 (43.1%)	91,285 (50.1%)	2,331.1 (35.7%)	43,102 (23.6%)
	RM3,332		RM4,145		RM2,810		RM2,958		RM3,036		RM2,316	
Agriculture	518.1 (100.0%)	9,480 (100.0%)	263.1 (50.8%)	5,946 (62.7%)	255.0 (49.2%)	2,535 (37.3%)	62.5 (24.5%)	1,482 (41.9%)	64.1 (25.1%)	1,501 (42.5%)	128.5 (50.4%)	552 (15.6%)
	RM1,827		RM1,883		RM1,738		RM1,980		RM2,050		RM999	
Mining & Quarrying	65.7 (100.0%)	7,395 (100.0%)	46.0 (70.1%)	6,730 (91.0%)	19.6 (29.9%)	665 (9.0%)	12.6 (64.0%)	451 (67.9%)	6.8 (34.5%)	207 (31.2%)	0.3 (1.6%)	6 (0.9%)
	RM9,422		RM12,191		RM2,855		RM3,004		RM2,607		RM1,964	
Manufacturing	2,346.3 (100.0%)	97,219 (100.0%)	1,346.0 (57.4%)	65,250 (67.1%)	1,000.3 (42.6%)	31,970 (32.9%)	326.6 (32.7%)	11,463 (35.9%)	594.2 (59.4%)	19,101 (59.7%)	79.5 (7.9%)	1,406 (4.4%)
	RM3,513		RM4,042		RM2,774		RM2,928		RM2,737		RM2,226	
Construction	1,242.4 (100.0%)	36,426 (100.0%)	570.2 (45.9%)	20,100 (55.2%)	672.2 (54.1%)	16,326 (44.8%)	221.3 (32.9%)	6,334 (38.8%)	312.9 (46.5%)	8,159 (50.0%)	138.1 (20.5%)	1,834 (11.2%)
	RM2,536		RM2,938		RM2,171		RM2,390		RM2,246		RM1,479	
Services	5,831.9 (100.0%)	204,415 (100.0%)	1,251.2 (21.5%)	74,575 (36.5%)	4,580.6 (78.5%)	129,840 (63.5%)	758.8 (16.6%)	28,218 (21.7%)	1,837.0 (40.1%)	62,317 (48.0%)	1,984.8 (43.3%)	39,304 (30.3%)
	RM3,493		RM4,988		RM2,980		RM3,226		RM3,342		RM2,429	

■ Number of Persons Engaged ('000)
 ■ Salaries & Wages (RM million)
 ■ Average Monthly Salaries & Wages
 (%) Percentage Share

3. Output per Employment by Economic Activity

Malaysia's national output per employment stood at RM385,015 per person in 2022. The Mining & quarrying sector recorded the highest output per employment, at RM3.11 million per person, followed by Manufacturing at RM807,118 per person. The Construction sector posted the lowest, with output per employment at RM165,044 per person. **[Exhibit 12]**

Exhibit 12: Output per Employment (RM), 2022

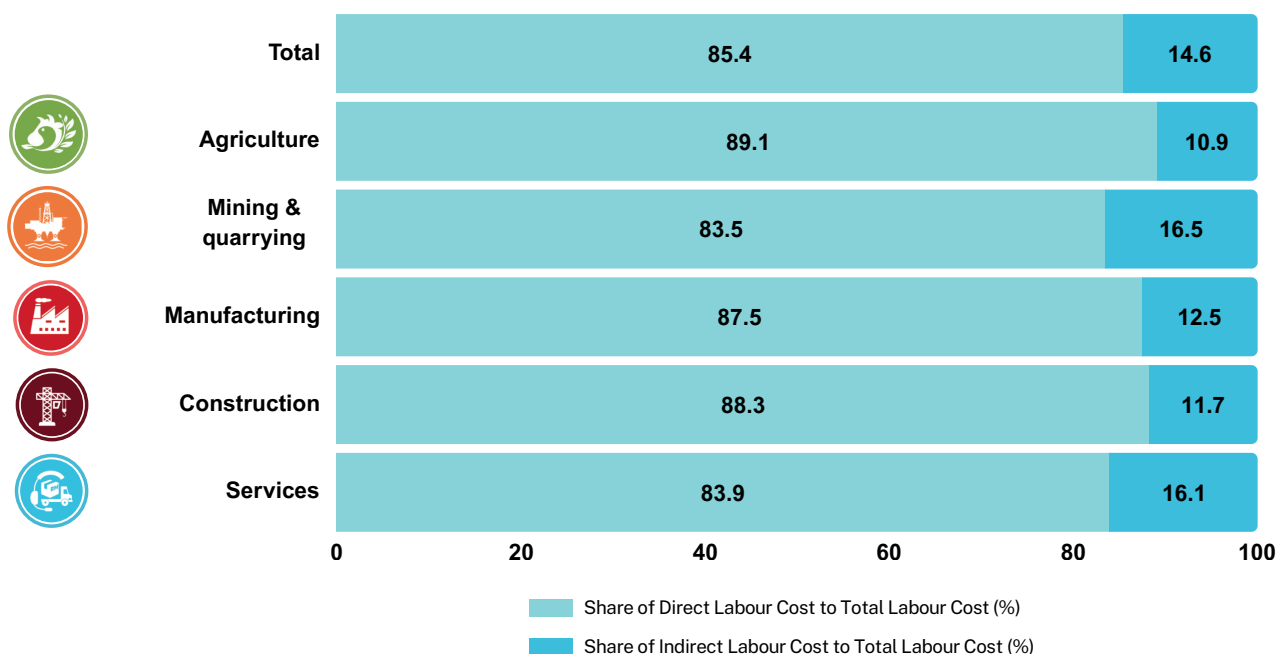


4. Labour Cost by Economic Activity

Labour cost, refers to the total expenditure borne by employers for the employment of labour. It comprises direct labour cost such as remuneration for work performed, payments in respect of time paid for but not worked, bonuses and gratuities, the cost of food, drink and other payments in kind, cost of workers' housing borne by employers, and indirect labour cost such as employers' social security expenditures, cost to the employer for vocational training, welfare services and miscellaneous items, such as transport of workers, work clothes and recruitment, together with taxes regarded as labour cost.

The labour cost totalled RM471,755 million in 2022, with direct labour cost comprising most of the labour cost at RM402,769 million (share: 85.4%), while indirect labour cost was RM68,986 million (share: 14.6%). By economic activity, the Services sector and the Manufacturing sector composed most of the total employment cost, reaching RM407,512 million (share: 86.4%) collectively. Meanwhile, the Construction and the Agriculture sectors' labour costs at RM43,422 million (share: 9.2%) and RM11,253 million (share: 2.4%), respectively. The sector with the smallest percentage share of labour cost is the Mining & quarrying sector (RM9,567 million; 2.0%). **[Exhibit 13]**

Exhibit 13: Percentage Share of Labour Cost by Economic Activity (%), 2022



Artikel:

Meneroka Kos Buruh mengikut Saiz Pertubuhan dalam Sektor Pembuatan

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Pengenalan

Menurut *International Labour Organization - ILO* (1966), melalui resolusi mengenai statistik kos buruh yang telah diterima pakai oleh *Eleventh International Conference of Labour Statisticians* pada tahun 1966, kos buruh ditakrifkan sebagai jumlah perbelanjaan yang ditanggung oleh majikan untuk penggajian pekerja. Kos buruh merangkumi bukan sahaja bayaran gaji & upah secara langsung kepada pekerja, malah turut meliputi pelbagai perbelanjaan tambahan seperti caruman sosial majikan, kos latihan, yuran pengambilan pekerja, bayaran bukan berbentuk, serta faedah lain yang berkaitan dengan pekerjaan. Secara umumnya, komponen utama kos buruh boleh dibahagikan kepada dua kategori utama, iaitu kos buruh langsung dan kos buruh tidak langsung. Kos buruh langsung merujuk kepada perbelanjaan yang secara terus boleh dikaitkan dengan kerja yang dilaksanakan oleh pekerja dalam proses pengeluaran barangan atau penghantaran perkhidmatan. Ini termasuk bayaran gaji & upah dalam bentuk tunai, imbuhan langsung seperti bayaran tetap dan bonus, serta bayaran bukan berbentuk seperti produk syarikat, kemudahan perumahan, kenderaan syarikat, bawar makanan atau perkhidmatan penjagaan anak. Daripada keseluruhan komponen ini, bayaran gaji dan upah dalam bentuk tunai lazimnya mewakili bahagian terbesar dalam kos buruh langsung.

Sebaliknya, kos buruh tidak langsung merangkumi perbelanjaan tambahan yang berkaitan dengan penggajian tetapi tidak mempunyai hubungan langsung dengan proses pengeluaran tetapi penting bagi menyokong dan mengekalkan guna tenaga yang produktif. Komponen ini termasuk caruman sosial majikan seperti bayaran kepada sistem keselamatan sosial, bayaran bergaji semasa cuti sakit, kerja waktu singkat, bayaran pampasan penamatan kerja, dan bayaran ganti notis penamatan kontrak. Kos buruh tidak langsung turut merangkumi komponen perbelanjaan latihan vokasional, kos pengambilan pekerja, penyediaan pakaian kerja oleh majikan, dan cukai yang dikenakan berdasarkan penggajian. Walau bagaimanapun, perlu diambil kira bahawa sebarang subsidi dan bantuan kerajaan yang diterima oleh majikan akan ditolak daripada jumlah kos buruh tidak langsung. Antara komponen kos buruh tidak langsung, caruman sosial sebenar majikan terutamanya mendominasi kategori kos buruh tidak langsung (Eurostats, 2025).

Kos buruh memainkan peranan penting dalam menentukan tahap kecekapan dan kelestarian sektor pembuatan. Kos buruh dalam sektor pembuatan di Malaysia boleh dipengaruhi oleh beberapa faktor utama, khususnya saiz sesebuah pertubuhan. Teori-teori ekonomi menyatakan bahawa saiz pertubuhan memberi kesan ketara terhadap struktur kos buruh, di mana kos buruh berbeza dengan ketara antara pertubuhan kecil, sederhana dan besar disebabkan oleh perbezaan tahap produktiviti, sumber kewangan, dan skala ekonomi (Tan et al., 2022). Menurut Krugman (1991), *Economies of Scale Theory* menyatakan bahawa kelebihan kos telah dicapai oleh pertubuhan yang lebih besar melalui peningkatan kecekapan pengeluaran, dengan itu membolehkan pertubuhan besar menyediakan gaji yang kompetitif, faedah kepada pekerja serta program pembangunan kerjaya di samping mengekalkan keuntungan. Tambahan pula, pertubuhan besar turut mengurangkan kos buruh melalui pelaksanaan automasi dan pendigitalan untuk meningkatkan kecekapan dan menyesuaikan pembangunan gaji dengan lebih berkesan.

Sebaliknya, pertubuhan yang lebih kecil sering menghadapi kekangan kewangan dan memberikan gaji yang lebih rendah, lazimnya bergantung kepada buruh asing yang berkos rendah untuk mengekalkan operasi perniagaan (World Bank, 2020). Menurut Becker (1964), *Wage Determination Theory* menegaskan bahawa produktiviti buruh, tahap kemahiran, dan situasi pasaran buruh merupakan pemboleh ubah penting untuk dipertimbangkan dalam penetapan gaji. Kebiasaannya, pertubuhan yang lebih besar menyediakan gaji yang lebih tinggi untuk menarik dan mengekalkan pekerja berkemahiran tinggi, manakala pertubuhan kecil dan mikro sering berhadapan cabaran untuk bersaing disebabkan oleh kekangan kewangan. Akerlof dan Yellen (1986) melalui *Efficiency Wage Theory* menyimpulkan bahawa pertubuhan yang menyediakan gaji yang lebih tinggi akan mencapai produktiviti pekerja

yang lebih tinggi dan menurunkan kadar keluar masuk pekerja, satu trend yang boleh dilihat dalam pertumbuhan pembuatan besar.

Sektor pembuatan Malaysia memberikan impak yang signifikan terhadap pembangunan ekonomi negara, menyumbang secara besar-besaran kepada Keluaran Dalam Negara Kasar (KDNK), eksport, dan guna tenaga. Menurut Jabatan Perangkaan Malaysia - DOSM (2025), sektor pembuatan menyumbang lebih kurang 24.0 peratus daripada KDNK negara, mencatatkan peningkatan sebanyak 4.2 peratus pada tahun 2024 (2023: 0.7%). Meskipun sektor ini menunjukkan kekuatan yang kukuh, sektor pembuatan Malaysia telah mengalami revolusi perindustrian yang didorong oleh peningkatan kos buruh, perubahan demografi pasaran buruh, serta keperluan dan desakan untuk transformasi digital sepanjang dekad yang lalu (World Bank, 2022). Dalam pada itu, pihak kerajaan telah menyokong pembangunan perindustrian negara secara aktif melalui dasar seperti *New Industrial Master Plan 2030* (NIMP 2030) dan insentif pelaburan di bawah Kementerian Pelaburan, Perdagangan dan Industri (MITI) dan Lembaga Pembangunan Pelaburan Malaysia (MIDA). Walau bagaimanapun, kebanyakan pertumbuhan pembuatan masih menghadapi cabaran yang berkaitan dengan struktur kos buruh, terutamanya disebabkan oleh kepelbagaian saiz pertumbuhan (Hamzah et.al, 2019).

Kos Buruh Sektor Pembuatan

Artikel ini menggunakan data daripada Banci Ekonomi 2023 bagi Sektor Pembuatan oleh Jabatan Perangkaan Malaysia (DOSM) yang membentangkan struktur kos buruh merentasi saiz pertumbuhan yang berbeza dalam sektor pembuatan di Malaysia. Di samping itu, beberapa statistik diperoleh berdasarkan statistik kos buruh. Analisis dijelaskan berdasarkan jumlah kos buruh dan purata kos buruh bagi seorang pekerja. Penemuan jurang perbezaan kos buruh antara pelbagai saiz pertumbuhan dalam sektor pembuatan dikemukakan, dan beberapa penyelesaian dasar yang sesuai dibincangkan.

Kos buruh dalam artikel ini merangkumi: Gaji dan upah yang dibayar; Bayaran gratuiti, manfaat persaraan atau pemberhentian kepada pekerja; Bayaran bukan berbentuk; Caruman majikan; Yuran yang dibayar kepada pengarah bukan eksekutif bagi kehadiran mereka dalam mesyuarat Lembaga Pengarah; Nilai pakaian seragam yang diberikan secara percuma; Kos latihan staf; Kos pengangkutan pekerja (pergi dan balik dari tempat kerja); Levi pekerja; Perbelanjaan berkaitan pampasan berasaskan saham kepada pekerja (termasuk saham & pilihan saham); dan kos pekerja lain.

Pada tahun 2022, keseluruhan kos buruh berjumlah RM471.8 bilion. Sebagai penyumbang kedua terbesar dari segi bilangan pekerja, sektor pembuatan menyumbang sebanyak 25.8 peratus, bersamaan dengan RM121.7 bilion daripada jumlah kos buruh negara. Statistik kos buruh menunjukkan perbezaan yang jelas antara kos buruh langsung dan kos buruh tidak langsung merentasi aktiviti ekonomi yang berbeza. Daripada keseluruhan kos buruh, kos buruh langsung mencatatkan sebanyak RM402.8 bilion atau lebih kurang 85.4 peratus, manakala kos buruh tidak langsung mencatatkan sebanyak RM69.0 bilion, bersamaan 14.6 peratus. Dalam sektor pembuatan, sejumlah besar kos buruh langsung merekodkan sebanyak RM106.5 bilion, lebih kurang 87.5 peratus daripada jumlah kos buruh. Sementara itu, kos buruh tidak langsung menyumbang lebih kurang 12.5 peratus, bersamaan dengan RM15.2 bilion. Secara keseluruhan, gaji dan upah merupakan penyumbang utama, dengan 70 hingga 85 peratus daripada jumlah kos buruh **[Carta 1]**.

Carta 1: Kos Buruh mengikut Jenis Aktiviti Ekonomi, 2022



Kos Buruh per Pekerja

Purata kos buruh bagi seorang pekerja dalam sektor pembuatan di Malaysia berjumlah sebanyak RM51,884. Angka ini mewakili jumlah purata yang dibelanjakan oleh majikan setiap tahun bagi seorang pekerja, meliputi bukan sahaja gaji dan upah, tetapi juga komponen lain seperti caruman sosial majikan, elaun, bonus, dan faedah dalam bentuk barangan. Kos ini berbeza-beza dengan ketara antara subsektor, menunjukkan perbezaan dalam tahap gaji, keperluan kemahiran, dan mungkin tahap produktiviti.

Di samping itu, subsektor Produk elektrik, elektronik dan optik mencapai purata kos buruh tertinggi per pekerja sebanyak RM65,005, terdiri daripada industri yang memerlukan guna tenaga berkemahiran tinggi atau operasi intensif yang lebih berteknologi, yang lazimnya cenderung menawarkan pampasan yang lebih tinggi. Sebaliknya, subsektor Tekstil, pakaian dan produk kulit mencatatkan purata kos buruh per pekerja terendah sebanyak RM31,717, yang mencerminkan pengambilan buruh berkemahiran rendah dengan modal dan intensiti teknologi yang lebih rendah [Jadual 1].

Jadual 1: Kos Buruh per Pekerja dalam Sektor Pembuatan, 2022

Jenis Aktiviti Ekonomi	Jumlah Kos Buruh (RM juta)	Bilangan Pekerja ('000)	Kos Buruh per Pekerja (RM/orang)
Sektor Pembuatan	121,733	2,346.3	51,884
Minyak dan lemak daripada sayuran dan haiwan dan pempemprosesan makanan	14,135	292.1	48,394
Minuman dan produk tembakau	1,026	17.4	58,964
Produk tekstil, pakaian dan kulit	2,891	91.1	31,717
Produk kayu, perabot, keluaran kertas dan percetakan	10,953	306.3	35,761
Produk petroleum, kimia, getah dan plastik	24,772	437.6	56,610
Produk mineral bukan logam, logam asas dan produk logam yang direka	16,344	342.7	47,696
Produk elektrik, elektronik dan optikal	40,945	629.9	65,005
Peralatan pengangkutan, pembuatan lain dan pembaikan	10,667	229.2	46,542

Kos Buruh mengikut Saiz Pertubuhan dalam Sektor Pembuatan

Berdasarkan saiz pertubuhan, terdapat perbezaan yang jelas dalam tahap kos buruh, menunjukkan perbezaan dalam skala operasi, sumber, dan permintaan operasi. Perusahaan besar mencatatkan kos buruh tertinggi per pekerja sebanyak RM61,792. Organisasi ini lazimnya menawarkan pampasan yang lebih baik, berkemungkinan disebabkan oleh keperluan kemahiran yang lebih tinggi, manfaat pekerjaan yang lebih berstruktur, dan sistem gaji yang lebih formal. Sebaliknya, perusahaan mikro, kecil dan sederhana (PMKS) mencatatkan purata kos buruh sebanyak RM38,543, yang jauh lebih rendah, menonjolkan kekangan kos atau pergantungan kepada guna tenaga berkemahiran rendah.

Perincian lanjut dalam kalangan PMKS, perusahaan mikro mencatatkan purata kos buruh paling rendah per pekerja sebanyak RM23,496. Sementara itu, perusahaan kecil mencatatkan purata kos buruh sebanyak RM38,107 per pekerja, manakala perusahaan sederhana mencatatkan purata kos buruh yang sedikit lebih tinggi sebanyak RM42,997 per pekerja. Angka ini menunjukkan bahawa keupayaan untuk melabur dalam modal insan turut meningkat selari dengan pertambahan saiz perniagaan [Jadual 2].

Jadual 2: Kos Buruh per Pekerja mengikut Saiz Pertubuhan, 2022

Saiz Pertubuhan	Jumlah Kos Buruh (RM juta)	Bilangan Pekerja ('000)	Kos Buruh per Pekerja (RM/orang)
Sektor Pembuatan	121,733	2,346.3	51,884
Perusahaan Besar	83,169	1,346.0	61,792
Perusahaan Mikro, Kecil dan Sederhana	38,564	1,000.3	38,543
Perusahaan Sederhana	14,044	326.6	42,997
Perusahaan Kecil	22,648	594,219	38,107
Perusahaan Mikro	1,873	79,459	23,496

Kesimpulan

Jelas sekali, saiz pertubuhan mempunyai pengaruh yang signifikan terhadap peringkat gaji dan keadaan pekerjaan. Perusahaan berskala besar lazimnya menawarkan gaji yang lebih kompetitif dan menarik, sekaligus membantu mereka menarik guna tenaga berkemahiran tinggi serta mengekalkan tahap produktiviti yang stabil. Bagi penggubal dasar, penemuan ini menekankan keperluan untuk memperkasa PMKS melalui struktur gaji yang lebih baik. Langkah ini amat penting untuk memastikan pertumbuhan industri yang lebih seimbang dan mampan merentasi semua saiz organisasi.

Pada keseluruhannya, kos buruh dalam sektor pembuatan Malaysia kekal menjadi kebimbangan yang signifikan merentasi saiz pertubuhan yang berbeza, dan menekankan variasi struktur yang besar, terutamanya disebabkan oleh komponen gaji dan upah. Pertubuhan besar memaparkan taburan terluas dalam kos buruh, menunjukkan perbelanjaan buruh yang amat tinggi. Ini mencerminkan bahawa kebanyakan landskap perusahaan sektor pembuatan adalah berskala besar di Malaysia, di mana operasi berintensifkan modal, permintaan guna tenaga berkemahiran tinggi, dan penyertaan pertubuhan multinasional, yang sering mendahului peningkatan jumlah kos gaji & upah.

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Article:

Exploring Labour Cost by Establishment Size in Manufacturing Sector

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Introduction

According to the International Labour Organization – ILO (1966), in the resolution concerning statistics of labour cost adopted by the Eleventh International Conference of Labour Statisticians in 1966, labour cost is defined as the total expenditure borne by employers for employing staff. Labour cost encompasses not only direct salaries & wages paid to employees but also includes a wide range of additional expenses such as employers' social contributions, training costs, recruitment fees, payments in kind, and other employment-related benefits. In general, the key components of labour cost can be divided into two main categories, which are direct and indirect labour costs. Direct labour costs refer to the costs that are directly attributable to the actual work performed by employees in the production of goods or delivery of services. These include salaries & wages paid in cash, direct remuneration such as regular pay and bonuses, as well as in-kind payment such as company products, housing, company cars, meal vouchers, or childcare services. Among these components, salaries & wages paid in cash typically make up the largest portion of direct labour costs.

On the other hand, indirect labour costs are additional costs associated with employment and are not directly tied to the production process but are essential for supporting and maintaining a productive workforce. These components contain actual social contributions made by employers such as payments to social security systems, guaranteed pay during sickness or short-term work, severance pay, and compensation in lieu of notice. Other components of indirect labour costs also cover vocational training expenses, recruitment costs, clothing provided by the employer, and taxes based on payroll. However, it should be considered that any subsidies or government aid received by the employer will be deducted from the total indirect labour costs. Among all indirect labour cost components, employers' actual social contributions especially dominate the indirect labour cost category (Eurostats, 2025).

Labour costs served a crucial purpose in determining the efficiency and sustainability of the manufacturing sector. Labour costs in Malaysia's manufacturing sector can be influenced by several key factors, primarily the size of establishments. Economic theories stated that establishment size significantly affects labour cost structures, where the cost of labour varies significantly between small, medium, and large establishments due to differences in productivity levels, financial resources, and economies of scale (Tan et al., 2022). According to Krugman (1991), the Economies of Scale Theory stated that cost advantages were attained by larger establishments through the increased production efficiencies, thereby enabling large enterprises to provide competitive wages, employee benefits, and career development programs while maintaining profitability. Furthermore, large establishments mitigate the labour cost through the implementation of automation and digitalization to improve efficiency and adapt wage development more effectively.

On the contrary, smaller establishments often encounter financial constraints and provide lower wages, usually relying on low-cost foreign labours to sustain business operations (World Bank, 2020). According to Becker (1964), Wage Determination Theory asserts that labour productivity, skill levels, and labour market situation are significant variables to be considered in setting wages. Normally, larger establishments provide higher salaries to attract and retain highly skilled employees, whereas smaller and micro establishments frequently strive to compete due to financial limitations. Akerlof & Yellen (1986) on Efficiency Wage Theory concluded that establishments providing higher wages would achieve higher employee productivity and lower the rates of employee's turnover, a trend particularly visible in large manufacturing establishments.

Malaysia's manufacturing sector significantly impacts in the nation's economic development, contributing substantially to Gross Domestic Product (GDP), exports, and employment. According to the Department of Statistics Malaysia - DOSM (2025), the manufacturing sector accounted for approximately 24.0 per cent to the country's GDP, recorded an increase of 4.2 per cent in 2024 (2023: 0.7%).

Although this sector shows solid strength, Malaysia's manufacturing sector undergone industrial revolution driven by rising labour costs, changing labour market demographic, and the urge for digital transformation over the past decade (World Bank, 2022). In the meantime, the government has been actively supported the nation's industrial development through policies such as New Industrial Master Plan 2030 (NIMP 2030) and investment incentives under the Ministry of International Trade and Industry Malaysian Investment Development Authority (MIDA). However, most manufacturing establishments still encounter challenges related to labour cost structure, particularly due to the diversity of establishment sizes (Hamzah et.al, 2019).

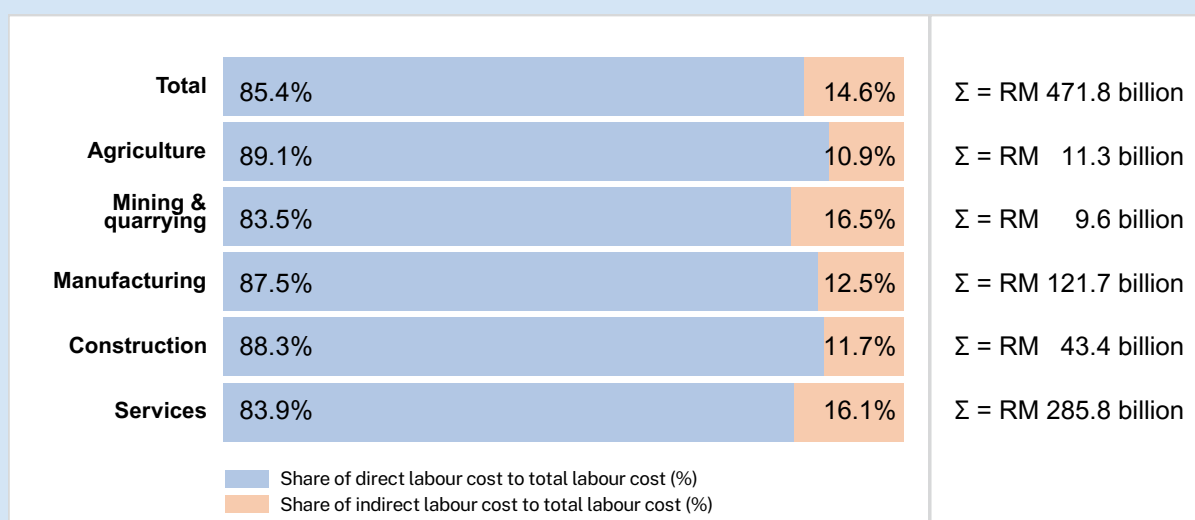
Labour Cost of Manufacturing Sector

This article utilized the data from the Economic Census 2023 for Manufacturing Sector by Department of Statistics Malaysia (DOSM) that presents the labour cost structure across different size of establishments in Malaysia's manufacturing sector. In addition, several statistics were derived based on labour cost statistics. The analysis is explained based on the total labour cost, and average labour cost per employment. The findings of labour cost disparities within the establishment size in the manufacturing sector are highlighted, and several convenient policy solutions are discussed.

Labour cost in this article covers: Salaries & wages paid; Payment of gratuity, retirement or retrenchment benefits to employees; Payments in kind to paid employees; Employer's contribution; Fees paid to non-working directors for their attendance at Board of Directors meetings; Value of free wearing apparel provided; Staff training cost; Cost of transport of workers (to and from workplace); Levy on labour; Expenses on share-based payments to employees (including share & share options); and other labour costs.

In 2022, the total labour cost amounted to RM471.8 billion. As the second largest contributor in terms of the number of persons engaged, the manufacturing sector accounted for 25.8 per cent, equivalent to RM121.7 billion of the total nation's labour cost. The labour cost statistics reveal a clear distinction between direct and indirect labour costs across different economic activities. Out of the total labour cost, direct labour costs recorded to RM402.8 billion or approximately 85.4 per cent, whereas indirect labour costs stand at RM69.0 billion, equivalent to 14.6 per cent. In the manufacturing sector, a significant amount of direct labour cost, RM106.5 billion, is approximately 87.5 per cent of the sector's total labour cost. Meanwhile, indirect labour cost constitutes about 12.5 per cent, equivalent to RM15.2 billion. In total, salaries & wages were the major contributors, with 70 per cent to 85 per cent of the total labour cost [Chart 1].

Chart 1: Labour Cost by Kind of Economic Activity, 2022



Labour Cost per Employment

The average labour cost per employment in Malaysia's manufacturing sector stands at RM51,884. This figure represents the mean amount that employers spend annually on each employee, covering not only wages and salaries but also other components such as employer social contributions, allowances, bonuses, and benefits in kind. This cost varies significantly across subsectors, indicating differences in wage levels, skill requirements, and possibly productivity levels.

Besides that, Electrical, electronic, and optical products subsector achieved the highest average labour cost per employment at RM65,005, comprises industries requiring high-skilled labours or more technologically intensive operations, which typically tend to offer higher compensation. On the other hand, Textiles, wearing apparel and leather products subsector recorded the lowest average labour cost per employment at RM31,717, which reflects the employment of low-skilled labours with lower capital and technological intensity [Table 1].

Table 1: Labour Cost per Employment in Manufacturing Sector, 2022

Kind of Economic Activity	Total Labour Cost (RM million)	Number of Persons Engaged (‘000)	Labour Cost per Employment (RM/person)
Manufacturing Sector	121,733	2,346.3	51,884
Vegetable and animal oils and fats and food processing	14,135	292.1	48,394
Beverages and tobacco products	1,026	17.4	58,964
Textiles, wearing apparel and leather products	2,891	91.1	31,717
Wood products, furniture, paper products and printing	10,953	306.3	35,761
Petroleum, chemical, rubber and plastic products	24,772	437.6	56,610
Non-metallic mineral products, basic metal and fabricated metal products	16,344	342.7	47,696
Electrical, electronic, and optical products	40,945	629.9	65,005
Transport equipment, other manufacturing and repair	10,667	229.2	46,542

Labour Cost by Size of Establishment in Manufacturing Sector

Based on establishment size, there are clear disparities in the labour cost levels, indicating differences in operational scale, resources, and operational demands. Large enterprises recorded the highest labour cost per employment at RM61,792. These organizations typically offer better compensation, likely due to higher skill requirements, structured employment benefits, and more formalized wage systems. In contrast, micro, small, and medium enterprises (MSMEs) recorded an average labour cost of RM38,543, which is significantly lower, highlighting cost constraints or reliance on lower-skilled labour.

Disaggregating further in MSMEs, micro enterprises recorded the lowest labour cost per employment at RM23,496. Meanwhile, small enterprises recorded an average labour cost of RM38,107 per employment, whereas medium enterprises recorded a slightly higher average labour cost at RM42,997 per employment. These figures indicate that the capacity to invest more in human capital does increase as well as the increase in business size [Table 2].

Table 2: Labour Cost per Employment by Size of Establishment in Manufacturing Sector, 2022

Size of Establishment	Total Labour Cost (RM million)	Number of Persons Engaged (‘000)	Labour Cost per Employment (RM/person)
Manufacturing Sector	121,733	2,346.3	51,884
Large enterprise	83,169	1,346.0	61,792
Micro, Small, Medium Enterprise	38,564	1,000.3	38,543
Medium enterprise	14,044	326.6	42,997
Small enterprise	22,648	594,219	38,107
Micro enterprise	1,873	79,459	23,496

Conclusion

Evidently, the size of establishments has a significant influence on the wage levels and employment conditions. Large scale enterprises typically offer more competitive and attractive salaries, which in turn helps them attract highly skilled labour and maintain stable productivity levels. For policymakers, these findings highlight the need to empower MSMEs through improved salary structures. This step is important to ensure more balanced and sustainable industrial growth across all sizes of organizations.

Overall, the labour cost in Malaysia’s manufacturing sector remains a significant concern across different size of establishments and highlights substantial structural variations, primarily due to the components of salaries and wages. Large establishments demonstrate the widest dispersion in labour cost, indicating exceptionally high labour expenditures. This reflects that most of the landscape of manufacturing sector’s companies is large-scale in Malaysia, where capital-intensive operations, high-skilled labour demand, and the participation of multinational establishments, often lead up an increase in the total cost of salaries & wages.

The views expressed in this article are those of the authors and do not necessarily represent the view of DOSM. The authors would like to thank Jamaliah Jaafar, Ezatul Nisha Abdul Rahman and Mohd Firdaus Zaini from the Malaysian Bureau of Labour Statistics for their valuable insights, expert guidance and assistance to improve this article.

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JADUAL STATISTIK

STATISTICAL TABLE

Abstract geometric shapes in the top-left corner, consisting of overlapping light purple and lavender polygons with rounded corners and sharp edges.

STATISTIK UTAMA

PRINCIPAL STATISTICS

Abstract geometric shapes in the bottom-right corner, consisting of overlapping light purple and lavender polygons with rounded corners and sharp edges, mirroring the design in the top-left.

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Bilangan pertubuhan <i>Number of establishments</i>		Nilai output kasar <i>Value of gross output</i> (RM juta) (RM million)	
	2015	2022	2015	2022
1. Pertanian <i>Agriculture</i>	11,628	12,998	77,485	122,350
1.1 Tanaman <i>Crops</i>	8,029	9,027	54,394	95,413
1.2 Ternakan <i>Livestock</i>	1,604	1,982	13,312	20,190
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	766	669	7,552	4,260
1.4 Perikanan <i>Fisheries</i>	1,229	1,320	2,226	2,487
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>	1,026	1,440	131,067	204,139
3. Pembuatan <i>Manufacturing</i>	49,101	54,505	1,141,963	1,893,704
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	8,063	9,169	199,800	303,587
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	458	440	13,416	15,922
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	9,111	6,324	18,164	24,072
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	8,464	9,705	62,920	88,648
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	4,596	6,158	299,114	579,572
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	9,005	10,360	134,817	198,936
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	3,924	4,915	321,777	560,723
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	5,480	7,434	91,955	122,244
4. Pembinaan <i>Construction</i>	40,558	71,062	177,939	205,053
5. Perkhidmatan <i>Services</i>	818,317	951,862	965,430	1,426,560
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	305	551	54,389	90,590
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	790	1,008	12,329	18,859
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	418,569	475,566	306,568	486,227
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	54,190	48,793	109,237	140,507
5.5 Penginapan <i>Accommodation</i>	4,377	14,962	13,907	16,684
5.6 Makanan dan minuman <i>Food and beverage</i>	167,490	136,453	66,386	98,959
5.7 Maklumat dan komunikasi <i>Information and communication</i>	8,008	18,903	124,606	190,112
5.8 Kewangan <i>Finance</i>	15,945	32,245	122,404	171,985
5.9 Hartanah <i>Real estate</i>	17,447	24,576	28,066	36,781
5.10 Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	34,045	56,164	40,452	60,001
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	18,432	32,488	27,069	31,657
5.12 Pendidikan swasta <i>Private education</i>	11,722	18,242	15,153	24,129
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	14,930	19,847	16,848	28,047
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	6,683	7,561	19,961	22,521
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	45,384	64,503	8,053	9,502
Jumlah <i>Total</i>	920,630	1,091,867	2,493,883	3,851,806

JADUAL 1a Statistik utama mengikut aktiviti ekonomi, 2015 & 2022 (samb.)
Principal statistics by economic activity, 2015 & 2022 (cont.)

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 juta) (RM million)		(RM juta) (RM million)		('000)		(RM juta) (RM million)		(RM juta) (RM million)	
2015	2022	2015	2022	2015	2022	2015	2022	2015	2022
33,208	44,764	44,277	77,586	567.5	518.1	7,949	9,480	81,179	79,447
17,281	26,115	37,113	69,298	490.9	449.3	6,170	7,683	73,062	70,020
9,902	14,193	3,410	5,997	34.8	38.2	726	958	3,799	5,663
4,546	2,803	3,006	1,457	26.0	14.6	737	431	3,127	2,631
1,478	1,654	748	833	15.7	16.1	315	408	1,191	1,133
28,008	39,161	103,059	164,978	82.4	65.6	7,870	7,395	291,283	354,349
884,845	1,478,802	257,118	414,901	2,119.2	2,346.3	65,495	97,219	296,801	377,891
171,973	257,408	27,826	46,179	256.9	292.1	7,193	10,398	37,948	46,219
9,033	11,443	4,384	4,479	17.0	17.4	548	769	3,133	3,602
13,163	17,053	5,001	7,019	102.2	91.1	2,037	2,202	5,976	5,430
45,734	65,108	17,186	23,540	298.4	306.3	7,221	9,137	23,131	22,520
221,528	441,974	77,585	137,598	376.1	437.6	12,591	19,780	91,888	138,088
100,466	154,361	34,351	44,576	332.1	342.7	10,018	13,326	53,625	55,977
253,125	440,511	68,652	120,211	528.5	629.9	19,097	32,885	59,380	80,480
69,822	90,944	22,133	31,299	208.0	229.2	6,789	8,722	21,719	25,574
114,754	139,314	63,184	65,740	1,290.5	1,242.4	32,899	36,426	25,106	27,619
446,767	647,153	518,663	779,407	4,798.1	5,831.9	131,617	204,415	904,747	1,219,905
27,679	60,136	26,710	30,455	48.0	50.9	3,622	3,857	132,082	210,442
6,407	8,957	5,923	9,902	49.2	59.5	1,398	2,358	7,974	11,171
122,531	186,517	184,037	299,710	1,752.7	2,171.5	43,078	76,181	92,107	141,258
65,490	82,450	43,747	58,056	411.3	475.8	14,254	18,376	168,941	204,874
6,041	7,279	7,866	9,405	130.7	157.5	3,011	4,076	32,984	36,984
38,413	55,129	27,973	43,831	891.6	1,079.8	9,651	15,469	9,534	12,605
62,048	87,462	62,559	102,650	203.0	250.5	11,659	19,296	82,778	114,019
44,833	61,912	77,571	110,073	319.6	375.8	17,312	24,676	245,588	314,751
10,505	13,579	17,561	23,202	77.0	97.3	2,716	4,157	75,930	99,079
16,106	23,413	24,346	36,588	314.3	359.4	10,073	14,218	12,472	16,213
16,561	18,824	10,508	12,833	173.7	204.2	3,967	5,289	11,626	12,891
5,783	9,076	9,369	15,052	134.4	186.4	4,342	6,318	14,290	20,996
8,852	14,397	7,996	13,650	121.1	156.2	3,684	6,335	8,419	12,646
11,342	13,113	8,619	9,408	58.0	71.0	1,330	1,689	6,447	7,502
4,175	4,911	3,878	4,591	113.6	136.0	1,518	2,120	3,574	4,471
1,507,582	2,349,194	986,301	1,502,612	8,857.5	10,004.3	245,830	354,935	1,599,116	2,059,211

Jenis aktiviti ekonomi Kind of economic activity	Bilangan pertubuhan Number of establishments		Nilai output kasar Value of gross output	
	2015	2022	2015	2022
1. Pertanian Agriculture	1.3	1.2	3.1	3.2
1.1 Tanaman Crops	0.9	0.8	2.2	2.5
1.2 Ternakan Livestock	0.2	0.2	0.5	0.5
1.3 Perhutanan dan pembalakan Forestry and logging	0.1	0.1	0.3	0.1
1.4 Perikanan Fisheries	0.1	0.1	0.1	0.1
2. Perlombongan & pengkuarian Mining & quarrying	0.1	0.1	5.3	5.3
3. Pembuatan Manufacturing	5.3	5.0	45.8	49.2
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	0.9	0.8	8.0	7.9
3.2 Minuman dan produk tembakau Beverages and tobacco products	0.0	0.0	0.5	0.4
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	1.0	0.6	0.7	0.6
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	0.9	0.9	2.5	2.3
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	0.5	0.6	12.0	15.0
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	1.0	0.9	5.4	5.2
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	0.4	0.5	12.9	14.6
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	0.6	0.7	3.7	3.2
4. Pembinaan Construction	4.4	6.5	7.1	5.3
5. Perkhidmatan Services	88.9	87.2	38.7	37.0
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	0.0	0.1	2.2	2.4
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	0.1	0.1	0.5	0.5
5.3 Perdagangan borong dan runcit Wholesale and retail trade	45.5	43.6	12.3	12.6
5.4 Pengangkutan dan penyimpanan Transportation and storage	5.9	4.5	4.4	3.6
5.5 Penginapan Accommodation	0.5	1.4	0.6	0.4
5.6 Makanan dan minuman Food and beverage	18.2	12.5	2.7	2.6
5.7 Maklumat dan komunikasi Information and communication	0.9	1.7	5.0	4.9
5.8 Kewangan Finance	1.7	3.0	4.9	4.5
5.9 Hartanah Real estate	1.9	2.3	1.1	1.0
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	3.7	5.1	1.6	1.6
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	2.0	3.0	1.1	0.8
5.12 Pendidikan swasta Private education	1.3	1.7	0.6	0.6
5.13 Kesihatan swasta dan kerja sosial Private health and social work	1.6	1.8	0.7	0.7
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	0.7	0.7	0.8	0.6
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	4.9	5.9	0.3	0.2
Jumlah Total	100	100	100	100

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	
2015	2022	2015	2022	2015	2022	2015	2022	2015	2022
2.2	1.9	4.5	5.2	6.4	5.2	3.2	2.7	5.1	3.9
1.1	1.1	3.8	4.6	5.5	4.5	2.5	2.2	4.6	3.4
0.7	0.6	0.3	0.4	0.4	0.4	0.3	0.3	0.2	0.3
0.3	0.1	0.3	0.1	0.3	0.1	0.3	0.1	0.2	0.1
0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1
1.9	1.7	10.4	11.0	0.9	0.7	3.2	2.1	18.2	17.2
58.7	62.9	26.1	27.6	23.9	23.5	26.6	27.4	18.6	18.4
11.4	11.0	2.8	3.1	2.9	2.9	2.9	2.9	2.4	2.2
0.6	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2
0.9	0.7	0.5	0.5	1.2	0.9	0.8	0.6	0.4	0.3
3.0	2.8	1.7	1.6	3.4	3.1	2.9	2.6	1.4	1.1
14.7	18.8	7.9	9.2	4.2	4.4	5.1	5.6	5.7	6.7
6.7	6.6	3.5	3.0	3.7	3.4	4.1	3.8	3.4	2.7
16.8	18.8	7.0	8.0	6.0	6.3	7.8	9.3	3.7	3.9
4.6	3.9	2.2	2.1	2.3	2.3	2.8	2.5	1.4	1.2
7.6	5.9	6.4	4.4	14.6	12.4	13.4	10.3	1.6	1.3
29.6	27.5	52.6	51.9	54.2	58.3	53.5	57.6	56.6	59.2
1.8	2.6	2.7	2.0	0.5	0.5	1.5	1.1	8.3	10.2
0.4	0.4	0.6	0.7	0.6	0.6	0.6	0.7	0.5	0.5
8.1	7.9	18.7	19.9	19.8	21.7	17.5	21.5	5.8	6.9
4.3	3.5	4.4	3.9	4.6	4.8	5.8	5.2	10.6	9.9
0.4	0.3	0.8	0.6	1.5	1.6	1.2	1.1	2.1	1.8
2.5	2.3	2.8	2.9	10.1	10.8	3.9	4.4	0.6	0.6
4.1	3.7	6.3	6.8	2.3	2.5	4.7	5.4	5.2	5.5
3.0	2.6	7.9	7.3	3.6	3.8	7.0	7.0	15.4	15.3
0.7	0.6	1.8	1.5	0.9	1.0	1.1	1.2	4.7	4.8
1.1	1.0	2.5	2.4	3.5	3.6	4.1	4.0	0.8	0.8
1.1	0.8	1.1	0.9	2.0	2.0	1.6	1.5	0.7	0.6
0.4	0.4	0.9	1.0	1.5	1.9	1.8	1.8	0.9	1.0
0.6	0.6	0.8	0.9	1.4	1.6	1.5	1.8	0.5	0.6
0.8	0.6	0.9	0.6	0.7	0.7	0.5	0.5	0.4	0.4
0.3	0.2	0.4	0.3	1.3	1.4	0.6	0.6	0.2	0.2
100	100	100	100	100	100	100	100	100	100

Jenis aktiviti ekonomi Kind of economic activity	Bilangan pertubuhan Number of establishments	Nilai output kasar Value of gross output
	CAGR 2022/2015	CAGR 2022/2015
1. Pertanian Agriculture	1.6	6.7
1.1 Tanaman Crops	1.7	8.4
1.2 Ternakan Livestock	3.1	6.1
1.3 Perhutanan dan pembalakan Forestry and logging	-1.9	-7.9
1.4 Perikanan Fisheries	1.0	1.6
2. Perlombongan & pengkuarian Mining & quarrying	5.0	6.5
3. Pembuatan Manufacturing	1.5	7.5
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	1.9	6.2
3.2 Minuman dan produk tembakau Beverages and tobacco products	-0.6	2.5
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	-5.1	4.1
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	2.0	5.0
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	4.3	9.9
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	2.0	5.7
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	3.3	8.3
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	4.5	4.2
4. Pembinaan Construction	8.3	2.0
5. Perkhidmatan Services	2.2	5.7
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	8.8	7.6
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	3.5	6.3
5.3 Perdagangan borong dan runcit Wholesale and retail trade	1.8	6.8
5.4 Pengangkutan dan penyimpanan Transportation and storage	-1.5	3.7
5.5 Penginapan Accommodation	19.2	2.6
5.6 Makanan dan minuman Food and beverage	-2.9	5.9
5.7 Maklumat dan komunikasi Information and communication	13.1	6.2
5.8 Kewangan Finance	10.6	5.0
5.9 Hartanah Real estate	5.0	3.9
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	7.4	5.8
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	8.4	2.3
5.12 Pendidikan swasta Private education	6.5	6.9
5.13 Kesihatan swasta dan kerja sosial Private health and social work	4.2	7.6
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	1.8	1.7
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	5.2	2.4
Jumlah Total	2.5	6.4

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>
CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015
4.4	8.3	-1.3	2.5	-0.3
6.1	9.3	-1.3	3.2	-0.6
5.3	8.4	1.3	4.0	5.9
-6.7	-9.8	-8.0	-7.4	-2.4
1.6	1.6	0.4	3.8	-0.7
4.9	7.0	-3.2	-0.9	2.8
7.6	7.1	1.5	5.8	3.5
5.9	7.5	1.9	5.4	2.9
3.4	0.3	0.4	5.0	2.0
3.8	5.0	-1.6	1.1	-1.4
5.2	4.6	0.4	3.4	-0.4
10.4	8.5	2.2	6.7	6.0
6.3	3.8	0.5	4.2	0.6
8.2	8.3	2.5	8.1	4.4
3.8	5.1	1.4	3.6	2.4
2.8	0.6	-0.5	1.5	1.4
5.4	6.0	2.8	6.5	4.4
11.7	1.9	0.8	0.9	6.9
4.9	7.6	2.8	7.8	4.9
6.2	7.2	3.1	8.5	6.3
3.3	4.1	2.1	3.7	2.8
2.7	2.6	2.7	4.4	1.6
5.3	6.6	2.8	7.0	4.1
5.0	7.3	3.0	7.5	4.7
4.7	5.1	2.3	5.2	3.6
3.7	4.1	3.4	6.3	3.9
5.5	6.0	1.9	5.0	3.8
1.8	2.9	2.3	4.2	1.5
6.6	7.0	4.8	5.5	5.7
7.2	7.9	3.7	8.1	6.0
2.1	1.3	2.9	3.5	2.2
2.3	2.4	2.6	4.9	3.3
6.5	6.2	1.8	5.4	3.7

Jenis aktiviti ekonomi <i>Kind of economic activity</i>		Bilangan pekerja <i>Number of persons engaged</i>	
		('000)	
		2015	2022
1. Pertanian <i>Agriculture</i>		567.5	518.1
1.1	Tanaman <i>Crops</i>	490.9	449.3
1.2	Ternakan <i>Livestock</i>	34.8	38.2
1.3	Perhutanan dan pembalakan <i>Forestry and logging</i>	26.0	14.6
1.4	Perikanan <i>Fisheries</i>	15.7	16.1
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>		82.4	65.6
3. Pembuatan <i>Manufacturing</i>		2,119.2	2,346.3
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	256.9	292.1
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	17.0	17.4
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	102.2	91.1
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	298.4	306.3
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	376.1	437.6
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	332.1	342.7
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	528.5	629.9
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	208.0	229.2
4. Pembinaan <i>Construction</i>		1,290.5	1,242.4
5. Perkhidmatan <i>Services</i>		4,798.1	5,831.9
5.1	Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	48.0	50.9
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	49.2	59.5
5.3	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	1,752.7	2,171.5
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	411.3	475.8
5.5	Penginapan <i>Accommodation</i>	130.7	157.5
5.6	Makanan dan minuman <i>Food and beverage</i>	891.6	1,079.8
5.7	Maklumat dan komunikasi <i>Information and communication</i>	203.0	250.5
5.8	Kewangan <i>Finance</i>	319.6	375.8
5.9	Hartanah <i>Real estate</i>	77.0	97.3
5.10	Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	314.3	359.4
5.11	Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	173.7	204.2
5.12	Pendidikan swasta <i>Private education</i>	134.4	186.4
5.13	Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	121.1	156.2
5.14	Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	58.0	71.0
5.15	Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	113.6	136.0
Jumlah <i>Total</i>		8,857.5	10,004.3

Gaji & upah Salaries & wages		Purata gaji & upah bulanan Average monthly salaries & wages		Output per pekerja Output per employment		Kos buruh Labour cost
(RM juta/ RM million)		(RM)		(RM)		(RM juta/ RM million)
2015	2022	2015	2022	2015	2022	2022
7,949	9,480	1,463	1,827	136,543	236,137	11,253
6,170	7,683	1,356	1,746	110,795	212,375	9,098
726	958	1,810	2,192	382,476	528,534	1,151
737	431	2,396	2,523	290,090	292,719	521
315	408	1,786	2,253	141,875	154,367	482
7,870	7,395	7,980	9,422	1,591,507	3,109,649	9,567
65,495	97,219	2,614	3,513	538,876	807,118	121,733
7,193	10,398	2,404	3,058	777,709	1,039,376	14,135
548	769	2,728	3,726	790,553	914,656	1,026
2,037	2,202	1,825	2,249	177,655	264,109	2,891
7,221	9,137	2,046	2,543	210,831	289,420	10,953
12,591	19,780	2,796	3,784	795,337	1,324,472	24,772
10,018	13,326	2,554	3,307	406,005	580,529	16,344
19,097	32,885	3,015	4,361	608,852	890,224	40,945
6,789	8,722	2,762	3,238	442,178	533,383	10,667
32,899	36,426	2,162	2,536	137,886	165,044	43,422
131,617	204,415	2,729	3,493	201,212	244,615	285,779
3,622	3,857	6,301	6,327	1,133,772	1,780,855	4,869
1,398	2,358	2,391	3,317	250,792	316,773	4,795
43,078	76,181	2,601	3,690	174,914	223,912	104,135
14,254	18,376	3,265	3,548	265,608	295,287	30,095
3,011	4,076	1,965	2,395	106,426	105,896	4,462
9,651	15,469	1,262	1,689	74,455	91,642	19,642
11,659	19,296	4,802	6,442	613,773	758,901	24,485
17,312	24,676	4,540	5,517	382,951	457,659	39,366
2,716	4,157	2,987	3,621	364,403	378,148	4,766
10,073	14,218	2,896	3,556	128,709	166,946	18,202
3,967	5,289	2,027	2,272	155,847	155,027	8,048
4,342	6,318	2,912	3,461	112,775	129,477	10,096
3,684	6,335	2,795	3,601	139,139	179,568	7,810
1,330	1,689	2,181	2,109	344,308	317,177	2,345
1,518	2,120	1,595	1,775	70,873	69,869	2,664
245,830	354,935	2,590	3,332	281,555	385,015	471,755

Jenis aktiviti ekonomi Kind of economic activity	Bilangan pekerja Number of persons engaged	Gaji & upah Salaries & wages	Purata gaji & upah bulanan Average monthly salaries & wages	Output per pekerja Output per employment
	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015
1. Pertanian Agriculture	-1.3	2.5	3.2	8.1
1.1 Tanaman Crops	-1.3	3.2	3.7	9.7
1.2 Ternakan Livestock	1.3	4.0	2.8	4.7
1.3 Perhutanan dan pembalakan Forestry and logging	-8.0	-7.4	0.7	0.1
1.4 Perikanan Fisheries	0.4	3.8	3.4	1.2
2. Perlombongan & pengkuarian Mining & quarrying	-3.2	-0.9	2.4	10.0
3. Pembuatan Manufacturing	1.5	5.8	4.3	5.9
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	1.9	5.4	3.5	4.2
3.2 Minuman dan produk tembakau Beverages and tobacco products	0.4	5.0	4.6	2.1
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	-1.6	1.1	3.0	5.8
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	0.4	3.4	3.2	4.6
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	2.2	6.7	4.4	7.6
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	0.5	4.2	3.8	5.2
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	2.5	8.1	5.4	5.6
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	1.4	3.6	2.3	2.7
4. Pembinaan Construction	-0.5	1.5	2.3	2.6
5. Perkhidmatan Services	2.8	6.5	3.6	2.8
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	0.8	0.9	0.1	6.7
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	2.8	7.8	4.8	3.4
5.3 Perdagangan borong dan runcit Wholesale and retail trade	3.1	8.5	5.1	3.6
5.4 Pengangkutan dan penyimpanan Transportation and storage	2.1	3.7	1.2	1.5
5.5 Penginapan Accommodation	2.7	4.4	2.9	-0.1
5.6 Makanan dan minuman Food and beverage	2.8	7.0	4.2	3.0
5.7 Maklumat dan komunikasi Information and communication	3.0	7.5	4.3	3.1
5.8 Kewangan Finance	2.3	5.2	2.8	2.6
5.9 Hartanah Real estate	3.4	6.3	2.8	0.5
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	1.9	5.0	3.0	3.8
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	2.3	4.2	1.6	-0.1
5.12 Pendidikan swasta Private education	4.8	5.5	2.5	2.0
5.13 Kesihatan swasta dan kerja sosial Private health and social work	3.7	8.1	3.7	3.7
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	2.9	3.5	-0.5	-1.2
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	2.6	4.9	1.5	-0.2
Jumlah Total	1.8	5.4	3.7	4.6



BILANGAN PEKERJA

NUMBER OF PERSONS ENGAGED

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Lelaki <i>Male</i>		Perempuan <i>Female</i>		Jumlah <i>Total</i>	
	2015	2022	2015	2022	2015	2022
1. Pertanian <i>Agriculture</i>	472.9	419.8	94.6	98.3	567.5	518.1
1.1 Tanaman <i>Crops</i>	406.5	362.4	84.4	86.9	490.9	449.3
1.2 Ternakan <i>Livestock</i>	29.6	30.7	5.2	7.5	34.8	38.2
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	22.7	12.2	3.3	2.4	26.0	14.6
1.4 Perikanan <i>Fisheries</i>	14.0	14.6	1.7	1.5	15.7	16.1
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>	69.8	55.1	12.5	10.5	82.4	65.6
3. Pembuatan <i>Manufacturing</i>	1,430.8	1,587.0	688.4	759.2	2,119.2	2,346.3
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	174.4	195.7	82.5	96.4	256.9	292.1
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	11.7	11.6	5.2	5.8	17.0	17.4
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	52.2	52.0	50.0	39.2	102.2	91.1
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	224.5	231.6	73.9	74.7	298.4	306.3
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	264.6	297.0	111.5	140.6	376.1	437.6
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	267.1	270.1	64.9	72.6	332.1	342.7
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	277.9	359.5	250.6	270.4	528.5	629.9
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	158.3	169.6	49.6	59.6	208.0	229.2
4. Pembinaan <i>Construction</i>	1,192.6	1,114.6	97.9	127.8	1,290.5	1,242.4
5. Perkhidmatan <i>Services</i>	2,853.9	3,375.8	1,944.2	2,456.1	4,798.1	5,831.9
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	39.4	41.2	8.6	9.6	48.0	50.9
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	41.4	47.9	7.8	11.7	49.2	59.5
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	1,107.2	1,273.4	645.5	898.1	1,752.7	2,171.5
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	318.8	364.9	92.5	110.9	411.3	475.8
5.5 Penginapan <i>Accommodation</i>	72.9	89.1	57.8	68.4	130.7	157.5
5.6 Makanan dan minuman <i>Food and beverage</i>	474.6	577.8	417.1	502.1	891.6	1,079.8
5.7 Maklumat dan komunikasi <i>Information and communication</i>	123.2	152.4	79.8	98.1	203.0	250.5
5.8 Kewangan <i>Finance</i>	154.7	190.3	165.0	185.5	319.6	375.8
5.9 Hartanah <i>Real estate</i>	46.4	59.4	30.6	37.9	77.0	97.3
5.10 Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	176.8	198.0	137.5	161.4	314.3	359.4
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	118.6	136.4	55.1	67.8	173.7	204.2
5.12 Pendidikan swasta <i>Private education</i>	54.1	73.8	80.2	112.6	134.4	186.4
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	37.2	53.2	83.9	103.0	121.1	156.2
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	35.9	46.1	22.1	24.9	58.0	71.0
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	52.9	72.0	60.8	64.0	113.6	136.0
Jumlah <i>Total</i>	6,020.0	6,552.4	2,837.6	3,451.9	8,857.5	10,004.3

Jenis aktiviti ekonomi <i>Kind of economic activity</i>		Lelaki <i>Male</i>		Perempuan <i>Female</i>		Jumlah <i>Total</i>	
		2015	2022	2015	2022	2015	2022
1. Pertanian <i>Agriculture</i>		7.9	6.4	3.3	2.8	6.4	5.2
1.1	Tanaman <i>Crops</i>	6.8	5.5	3.0	2.5	5.5	4.5
1.2	Ternakan <i>Livestock</i>	0.5	0.5	0.2	0.2	0.4	0.4
1.3	Perhutanan dan pembalakan <i>Forestry and logging</i>	0.4	0.2	0.1	0.1	0.3	0.1
1.4	Perikanan <i>Fisheries</i>	0.2	0.2	0.1	0.0	0.2	0.2
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>		1.2	0.8	0.4	0.3	0.9	0.7
3. Pembuatan <i>Manufacturing</i>		23.8	24.2	24.3	22.0	23.9	23.5
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	2.9	3.0	2.9	2.8	2.9	2.9
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	0.2	0.2	0.2	0.2	0.2	0.2
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	0.9	0.8	1.8	1.1	1.2	0.9
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	3.7	3.5	2.6	2.2	3.4	3.1
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	4.4	4.5	3.9	4.1	4.2	4.4
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	4.4	4.1	2.3	2.1	3.7	3.4
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	4.6	5.5	8.8	7.8	6.0	6.3
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	2.6	2.6	1.7	1.7	2.3	2.3
4. Pembinaan <i>Construction</i>		19.8	17.0	3.5	3.7	14.6	12.4
5. Perkhidmatan <i>Services</i>		47.4	51.5	68.5	71.2	54.2	58.3
5.1	Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	0.7	0.6	0.3	0.3	0.5	0.5
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	0.7	0.7	0.3	0.3	0.6	0.6
5.3	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	18.4	19.4	22.7	26.0	19.8	21.7
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	5.3	5.6	3.3	3.2	4.6	4.8
5.5	Penginapan <i>Accommodation</i>	1.2	1.4	2.0	2.0	1.5	1.6
5.6	Makanan dan minuman <i>Food and beverage</i>	7.9	8.8	14.7	14.5	10.1	10.8
5.7	Maklumat dan komunikasi <i>Information and communication</i>	2.0	2.3	2.8	2.8	2.3	2.5
5.8	Kewangan <i>Finance</i>	2.6	2.9	5.8	5.4	3.6	3.8
5.9	Hartanah <i>Real estate</i>	0.8	0.9	1.1	1.1	0.9	1.0
5.10	Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	2.9	3.0	4.8	4.7	3.5	3.6
5.11	Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	2.0	2.1	1.9	2.0	2.0	2.0
5.12	Pendidikan swasta <i>Private education</i>	0.9	1.1	2.8	3.3	1.5	1.9
5.13	Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	0.6	0.8	3.0	3.0	1.4	1.6
5.14	Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	0.6	0.7	0.8	0.7	0.7	0.7
5.15	Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	0.9	1.1	2.1	1.9	1.3	1.4
Jumlah <i>Total</i>		100	100	100	100	100	100

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>
	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015
1. Pertanian <i>Agriculture</i>	-1.7	0.5	-1.3
1.1 Tanaman <i>Crops</i>	-1.6	0.4	-1.3
1.2 Ternakan <i>Livestock</i>	0.5	5.4	1.3
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	-8.5	-4.8	-8.0
1.4 Perikanan <i>Fisheries</i>	0.6	-1.3	0.4
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>	-3.3	-2.5	-3.2
3. Pembuatan <i>Manufacturing</i>	1.5	1.4	1.5
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	1.7	2.3	1.9
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	-0.2	1.6	0.4
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	-0.1	-3.4	-1.6
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	0.4	0.1	0.4
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	1.7	3.4	2.2
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	0.2	1.6	0.5
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	3.7	1.1	2.5
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	1.0	2.6	1.4
4. Pembinaan <i>Construction</i>	-1.0	3.9	-0.5
5. Perkhidmatan <i>Services</i>	2.4	3.4	2.8
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	0.7	1.6	0.8
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	2.1	6.0	2.8
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	2.0	4.8	3.1
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	2.0	2.6	2.1
5.5 Penginapan <i>Accommodation</i>	2.9	2.4	2.7
5.6 Makanan dan minuman <i>Food and beverage</i>	2.9	2.7	2.8
5.7 Maklumat dan komunikasi <i>Information and communication</i>	3.1	3.0	3.0
5.8 Kewangan <i>Finance</i>	3.0	1.7	2.3
5.9 Hartanah <i>Real estate</i>	3.6	3.1	3.4
5.10 Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	1.6	2.3	1.9
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	2.0	3.0	2.3
5.12 Pendidikan swasta <i>Private education</i>	4.5	5.0	4.8
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	5.2	3.0	3.7
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	3.6	1.7	2.9
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	4.5	0.8	2.6
Jumlah <i>Total</i>	1.2	2.8	1.8

Jenis aktiviti ekonomi <i>Kind of economic activity</i>		Warganegara <i>Citizen</i>		Bukan warganegara <i>Non-citizen</i>		Jumlah <i>Total</i>	
		2015	2022	2015	2022	2015	2022
1. Pertanian <i>Agriculture</i>		318.9	295.1	248.6	223.0	567.5	518.1
1.1	Tanaman <i>Crops</i>	262.2	246.5	228.7	202.8	490.9	449.3
1.2	Ternakan <i>Livestock</i>	23.1	25.6	11.7	12.6	34.8	38.2
1.3	Perhutanan dan pembalakan <i>Forestry and logging</i>	21.6	12.4	4.5	2.2	26.0	14.6
1.4	Perikanan <i>Fisheries</i>	12.0	10.7	3.7	5.4	15.7	16.1
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>		68.9	60.6	13.4	5.1	82.4	65.6
3. Pembuatan <i>Manufacturing</i>		1,570.5	1,807.2	548.6	539.0	2,119.2	2,346.3
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	195.2	230.8	61.7	61.3	256.9	292.1
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	13.2	14.7	3.7	2.7	17.0	17.4
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	71.2	72.5	31.0	18.7	102.2	91.1
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	196.9	223.1	101.5	83.2	298.4	306.3
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	271.5	324.7	104.6	112.9	376.1	437.6
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	251.9	266.3	80.2	76.3	332.1	342.7
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	404.3	483.6	124.2	146.3	528.5	629.9
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	166.3	191.5	41.7	37.7	208.0	229.2
4. Pembinaan <i>Construction</i>		827.9	948.8	462.6	293.6	1,290.5	1,242.4
5. Perkhidmatan <i>Services</i>		4,637.3	5,650.9	160.8	181.0	4,798.1	5,831.9
5.1	Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	45.9	49.2	2.1	1.6	48.0	50.9
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	41.3	55.3	7.8	4.2	49.2	59.5
5.3	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	1,711.1	2,112.5	41.5	59.0	1,752.7	2,171.5
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	401.7	468.6	9.6	7.3	411.3	475.8
5.5	Penginapan <i>Accommodation</i>	123.3	149.3	7.4	8.3	130.7	157.5
5.6	Makanan dan minuman <i>Food and beverage</i>	832.4	1,015.6	59.3	64.2	891.6	1,079.8
5.7	Maklumat dan komunikasi <i>Information and communication</i>	199.7	246.6	3.3	3.9	203.0	250.5
5.8	Kewangan <i>Finance</i>	318.2	374.2	1.5	1.6	319.6	375.8
5.9	Hartanah <i>Real estate</i>	76.5	96.7	0.5	0.6	77.0	97.3
5.10	Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	308.8	353.7	5.5	5.7	314.3	359.4
5.11	Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	158.2	187.9	15.5	16.3	173.7	204.2
5.12	Pendidikan swasta <i>Private education</i>	131.6	181.2	2.7	5.2	134.4	186.4
5.13	Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	120.8	155.7	0.3	0.5	121.1	156.2
5.14	Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	56.8	69.7	1.2	1.3	58.0	71.0
5.15	Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	111.1	134.7	2.5	1.3	113.6	136.0
Jumlah <i>Total</i>		7,423.4	8,762.6	1,434.1	1,241.7	8,857.5	10,004.3

Jenis aktiviti ekonomi <i>Kind of economic activity</i>		Warganegara <i>Citizen</i>		Bukan warganegara <i>Non-citizen</i>		Jumlah <i>Total</i>	
		2015	2022	2015	2022	2015	2022
1. Pertanian <i>Agriculture</i>		4.3	3.4	17.3	18.0	6.4	5.2
1.1	Tanaman <i>Crops</i>	3.5	2.8	15.9	16.3	5.5	4.5
1.2	Ternakan <i>Livestock</i>	0.3	0.3	0.8	1.0	0.4	0.4
1.3	Perhutanan dan pembalakan <i>Forestry and logging</i>	0.3	0.1	0.3	0.2	0.3	0.1
1.4	Perikanan <i>Fisheries</i>	0.2	0.1	0.3	0.4	0.2	0.2
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>		0.9	0.7	0.9	0.4	0.9	0.7
3. Pembuatan <i>Manufacturing</i>		21.2	20.6	38.3	43.4	23.9	23.5
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	2.6	2.6	4.3	4.9	2.9	2.9
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	0.2	0.2	0.3	0.2	0.2	0.2
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	1.0	0.8	2.2	1.5	1.2	0.9
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	2.7	2.5	7.1	6.7	3.4	3.1
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	3.7	3.7	7.3	9.1	4.2	4.4
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	3.4	3.0	5.6	6.1	3.7	3.4
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	5.4	5.5	8.7	11.8	6.0	6.3
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	2.2	2.2	2.9	3.0	2.3	2.3
4. Pembinaan <i>Construction</i>		11.2	10.8	32.3	23.6	14.6	12.4
5. Perkhidmatan <i>Services</i>		62.5	64.5	11.2	14.6	54.2	58.3
5.1	Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	0.6	0.6	0.1	0.1	0.5	0.5
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	0.6	0.6	0.5	0.3	0.6	0.6
5.3	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	23.1	24.1	2.9	4.7	19.8	21.7
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	5.4	5.3	0.7	0.6	4.6	4.8
5.5	Penginapan <i>Accommodation</i>	1.7	1.7	0.5	0.7	1.5	1.6
5.6	Makanan dan minuman <i>Food and beverage</i>	11.2	11.6	4.1	5.2	10.1	10.8
5.7	Maklumat dan komunikasi <i>Information and communication</i>	2.7	2.8	0.2	0.3	2.3	2.5
5.8	Kewangan <i>Finance</i>	4.3	4.3	0.1	0.1	3.6	3.8
5.9	Hartanah <i>Real estate</i>	1.0	1.1	0.0	0.0	0.9	1.0
5.10	Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	4.2	4.0	0.4	0.5	3.5	3.6
5.11	Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	2.1	2.1	1.1	1.3	2.0	2.0
5.12	Pendidikan swasta <i>Private education</i>	1.8	2.1	0.2	0.4	1.5	1.9
5.13	Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	1.6	1.8	0.0	0.0	1.4	1.6
5.14	Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	0.8	0.8	0.1	0.1	0.7	0.7
5.15	Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	1.5	1.5	0.2	0.1	1.3	1.4
Jumlah <i>Total</i>		100	100	100	100	100	100

Jenis aktiviti ekonomi <i>Kind of economic activity</i>		Warganegara <i>Citizen</i>	Bukan warganegara <i>Non-citizen</i>	Jumlah <i>Total</i>
		CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015
1. Pertanian <i>Agriculture</i>		-1.1	-1.5	-1.3
1.1	Tanaman <i>Crops</i>	-0.9	-1.7	-1.3
1.2	Ternakan <i>Livestock</i>	1.5	1.1	1.3
1.3	Perhutanan dan pembalakan <i>Forestry and logging</i>	-7.6	-9.7	-8.0
1.4	Perikanan <i>Fisheries</i>	-1.6	5.6	0.4
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>		-1.8	-13.0	-3.2
3. Pembuatan <i>Manufacturing</i>		2.0	-0.3	1.5
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	2.4	-0.1	1.9
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	1.5	-4.6	0.4
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	0.2	-7.0	-1.6
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	1.8	-2.8	0.4
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	2.6	1.1	2.2
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	0.8	-0.7	0.5
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	2.6	2.4	2.5
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	2.0	-1.4	1.4
4. Pembinaan <i>Construction</i>		2.0	-6.3	-0.5
5. Perkhidmatan <i>Services</i>		2.9	1.7	2.8
5.1	Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	1.0	-3.5	0.8
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	4.2	-8.4	2.8
5.3	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	3.1	5.1	3.1
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	2.2	-3.9	2.1
5.5	Penginapan <i>Accommodation</i>	2.8	1.5	2.7
5.6	Makanan dan minuman <i>Food and beverage</i>	2.9	1.2	2.8
5.7	Maklumat dan komunikasi <i>Information and communication</i>	3.1	2.3	3.0
5.8	Kewangan <i>Finance</i>	2.3	1.0	2.3
5.9	Hartanah <i>Real estate</i>	3.4	2.2	3.4
5.10	Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	2.0	0.5	1.9
5.11	Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	2.5	0.7	2.3
5.12	Pendidikan swasta <i>Private education</i>	4.7	9.6	4.8
5.13	Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	3.7	9.0	3.7
5.14	Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	3.0	1.5	2.9
5.15	Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	2.8	-8.7	2.6
Jumlah <i>Total</i>		2.4	-2.0	1.8

Jenis aktiviti ekonomi Kind of economic activity	Pemilik yang bekerja dan pekerja keluarga tidak bergaji Working proprietors and unpaid family workers		Pekerja bergaji Paid employees	
			Pekerja sepenuh masa Full-time employees	
			Jumlah pekerja sepenuh masa Total full-time employees	
	2015	2022	2015	2022
1. Pertanian Agriculture	114.6	85.6	441.6	426.2
1.1 Tanaman Crops	111.8	82.5	369.7	361.9
1.2 Ternakan Livestock	1.4	1.8	32.7	35.8
1.3 Perhutanan dan pembalakan Forestry and logging	0.4	0.3	25.1	13.7
1.4 Perikanan Fisheries	1.0	1.0	14.1	14.8
2. Perlombongan & pengkuarian Mining & quarrying	0.2	0.2	81.9	65.2
3. Pembuatan Manufacturing	31.2	40.4	2,075.4	2,294.0
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	7.5	8.7	245.6	280.6
3.2 Minuman dan produk tembakau Beverages and tobacco products	0.2	0.2	16.6	17.1
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	9.2	9.5	91.2	78.8
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	4.3	6.9	292.2	297.0
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	0.8	1.9	374.2	435.0
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	5.2	6.9	325.1	334.4
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	0.7	1.5	527.1	627.5
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	3.1	4.7	203.5	223.6
4. Pembinaan Construction	22.2	45.5	1,262.0	1,181.4
5. Perkhidmatan Services	779.4	954.8	3,815.7	4,643.1
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	0.1	0.1	47.8	50.8
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	0.5	0.3	48.4	58.6
5.3 Perdagangan borong dan runcit Wholesale and retail trade	372.5	451.2	1,287.8	1,608.0
5.4 Pengangkutan dan penyimpanan Transportation and storage	47.5	44.2	358.9	425.0
5.5 Penginapan Accommodation	3.0	15.7	122.0	135.5
5.6 Makanan dan minuman Food and beverage	254.4	316.6	569.6	692.4
5.7 Maklumat dan komunikasi Information and communication	0.7	0.9	200.6	246.8
5.8 Kewangan Finance	1.9	3.1	315.9	370.6
5.9 Hartanah Real estate	1.2	1.6	74.1	94.0
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	24.4	26.2	284.3	326.9
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	10.6	10.2	159.5	189.6
5.12 Pendidikan swasta Private education	10.1	34.2	117.4	144.5
5.13 Kesihatan swasta dan kerja sosial Private health and social work	11.2	9.6	107.2	144.2
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	7.1	4.3	47.7	61.3
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	34.3	36.5	74.5	94.8
Jumlah Total	947.5	1,126.5	7,676.6	8,610.0

Pekerja bergaji Paid employees									
Pekerja sepenuh masa Full-time employees								Pekerja sambilan Part-time employees	
Pengurus, profesional dan penyelidik Manager, professional and researcher		Juruteknik dan profesional bersekutu Technicians and associate professional		Perkeranian dan pekerjaan yang berkaitan Clerical and related occupations		Pekerja asas Elementary occupations			
2015	2022	2015	2022	2015	2022	2015	2022		
19.2	20.6	9.7	7.9	384.9	326.0	27.9	71.7	11.3	6.3
14.3	15.3	7.3	6.0	329.2	278.3	19.0	62.3	9.4	4.9
1.9	2.6	0.6	0.8	24.6	25.9	5.5	6.5	0.8	0.7
1.8	1.5	1.4	0.7	19.7	10.2	2.1	1.4	0.5	0.5
1.2	1.3	0.4	0.4	11.4	11.7	1.2	1.4	0.6	0.3
14.8	16.8	10.4	8.9	45.8	34.6	10.9	4.9	0.3	0.2
193.7	224.1	174.0	192.7	1,559.6	1,668.2	148.3	209.1	12.6	11.8
17.9	22.6	14.8	15.7	186.8	205.2	26.2	37.0	3.8	2.8
1.5	1.8	1.0	1.2	11.4	12.7	2.7	1.4	0.1	0.1
5.3	5.4	7.4	4.1	68.8	54.0	9.8	15.4	1.8	2.8
20.4	22.1	15.2	16.9	218.5	210.1	38.1	47.9	1.9	2.4
33.8	43.3	31.1	37.2	287.7	320.3	21.6	34.3	1.1	0.7
27.2	32.4	23.1	25.8	251.3	243.0	23.5	33.2	1.7	1.3
66.2	72.6	62.1	73.2	381.8	457.5	16.9	24.2	0.7	0.9
21.4	23.9	19.3	18.7	153.2	165.4	9.5	15.7	1.4	0.9
70.5	112.0	54.5	63.6	1,090.9	929.8	46.1	76.0	6.3	15.5
726.8	953.7	270.6	317.4	1,835.6	2,190.1	982.7	1,182.0	203.0	234.0
8.1	10.5	12.1	10.4	22.3	23.1	5.4	6.8	0.1	0.0
3.9	7.3	4.2	8.5	27.5	27.1	12.8	15.7	0.3	0.6
142.6	188.1	54.8	72.4	763.7	940.7	326.7	406.8	92.4	112.4
42.8	51.9	29.7	34.3	193.2	227.6	93.2	111.2	4.9	6.5
16.7	22.0	9.5	4.6	49.8	57.6	45.9	51.4	5.7	6.3
64.2	78.5	4.9	6.0	213.0	261.5	287.5	346.5	67.6	70.8
69.7	92.8	44.4	52.0	62.7	78.3	23.7	23.7	1.8	2.8
110.4	137.8	27.3	31.1	156.0	173.7	22.2	28.0	1.8	2.1
27.7	36.1	5.5	6.8	31.7	39.8	9.2	11.3	1.7	1.7
98.4	132.6	34.9	39.0	108.9	113.5	42.0	41.8	5.5	6.2
27.4	31.3	6.5	10.0	70.4	84.9	55.2	63.4	3.7	4.3
62.6	82.6	10.1	11.5	30.7	35.7	14.0	14.8	6.8	7.6
31.3	53.0	19.8	23.9	46.7	57.5	9.3	9.8	2.7	2.4
9.0	9.5	3.3	1.8	20.3	21.7	15.1	28.3	3.1	5.4
11.8	19.7	3.5	5.1	38.7	47.4	20.4	22.6	4.8	4.8
1,024.9	1,327.1	519.1	590.5	4,916.8	5,148.8	1,215.8	1,543.5	233.4	267.8

Jenis aktiviti ekonomi Kind of economic activity		Pekerja bergaji Paid employees		Jumlah pekerja Total employees	
		Jumlah pekerja bergaji Total paid employees			
		2015	2022	2015	2022
1. Pertanian Agriculture		452.9	432.5	567.5	518.1
1.1	Tanaman Crops	379.1	366.8	490.9	449.3
1.2	Ternakan Livestock	33.4	36.4	34.8	38.2
1.3	Perhutanan dan pembalakan Forestry and logging	25.6	14.2	26.0	14.6
1.4	Perikanan Fisheries	14.7	15.1	15.7	16.1
2. Perlombongan & pengkuarian Mining & quarrying		82.2	65.4	82.4	65.6
3. Pembuatan Manufacturing		2,088.0	2,305.9	2,119.2	2,346.3
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	249.4	283.4	256.9	292.1
3.2	Minuman dan produk tembakau Beverages and tobacco products	16.7	17.2	17.0	17.4
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	93.0	81.6	102.2	91.1
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	294.1	299.4	298.4	306.3
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	375.3	435.7	376.1	437.6
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	326.8	335.8	332.1	342.7
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	527.8	628.4	528.5	629.9
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	204.9	224.5	208.0	229.2
4. Pembinaan Construction		1,268.3	1,196.9	1,290.5	1,242.4
5. Perkhidmatan Services		4,018.7	4,877.1	4,798.1	5,831.9
5.1	Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	47.9	50.8	48.0	50.9
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	48.7	59.2	49.2	59.5
5.3	Perdagangan borong dan runcit Wholesale and retail trade	1,380.2	1,720.3	1,752.7	2,171.5
5.4	Pengangkutan dan penyimpanan Transportation and storage	363.8	431.6	411.3	475.8
5.5	Penginapan Accommodation	127.7	141.9	130.7	157.5
5.6	Makanan dan minuman Food and beverage	637.3	763.3	891.6	1,079.8
5.7	Maklumat dan komunikasi Information and communication	202.3	249.6	203.0	250.5
5.8	Kewangan Finance	317.8	372.7	319.6	375.8
5.9	Hartanah Real estate	75.8	95.7	77.0	97.3
5.10	Profesional, saintifik dan teknikal Professional, scientific and technical	289.9	333.2	314.3	359.4
5.11	Pentadbiran dan khidmat sokongan Administrative and support service	163.1	194.0	173.7	204.2
5.12	Pendidikan swasta Private education	124.2	152.1	134.4	186.4
5.13	Kesihatan swasta dan kerja sosial Private health and social work	109.8	146.6	121.1	156.2
5.14	Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	50.8	66.7	58.0	71.0
5.15	Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	79.3	99.5	113.6	136.0
Jumlah Total		7,910.0	8,877.8	8,857.5	10,004.3

Jenis aktiviti ekonomi Kind of economic activity	Pemilik yang bekerja dan pekerja keluarga tidak bergaji Working proprietors and unpaid family workers		Pekerja bergaji Paid employees	Jumlah pekerja sepenuh masa Total full-time employees
			Pekerja sepenuh masa Full-time employees	
	2015	2022	2015	2022
1. Pertanian Agriculture	12.1	7.6	5.8	5.0
1.1 Tanaman Crops	11.8	7.3	4.8	4.2
1.2 Ternakan Livestock	0.1	0.2	0.4	0.4
1.3 Perhutanan dan pembalakan Forestry and logging	0.0	0.0	0.3	0.2
1.4 Perikanan Fisheries	0.1	0.1	0.2	0.2
2. Perlombongan & pengkuarian Mining & quarrying	0.0	0.0	1.1	0.8
3. Pembuatan Manufacturing	3.3	3.6	27.0	26.6
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	0.8	0.8	3.2	3.3
3.2 Minuman dan produk tembakau Beverages and tobacco products	0.0	0.0	0.2	0.2
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	1.0	0.8	1.2	0.9
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	0.5	0.6	3.8	3.4
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	0.1	0.2	4.9	5.1
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	0.6	0.6	4.2	3.9
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	0.1	0.1	6.9	7.3
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	0.3	0.4	2.7	2.6
4. Pembinaan Construction	2.3	4.0	16.4	13.7
5. Perkhidmatan Services	82.3	84.8	49.7	53.9
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	0.0	0.0	0.6	0.6
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	0.0	0.0	0.6	0.7
5.3 Perdagangan borong dan runcit Wholesale and retail trade	39.3	40.1	16.8	18.7
5.4 Pengangkutan dan penyimpanan Transportation and storage	5.0	3.9	4.7	4.9
5.5 Penginapan Accommodation	0.3	1.4	1.6	1.6
5.6 Makanan dan minuman Food and beverage	26.8	28.1	7.4	8.0
5.7 Maklumat dan komunikasi Information and communication	0.1	0.1	2.6	2.9
5.8 Kewangan Finance	0.2	0.3	4.1	4.3
5.9 Hartanah Real estate	0.1	0.1	1.0	1.1
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	2.6	2.3	3.7	3.8
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	1.1	0.9	2.1	2.2
5.12 Pendidikan swasta Private education	1.1	3.0	1.5	1.7
5.13 Kesihatan swasta dan kerja sosial Private health and social work	1.2	0.9	1.4	1.7
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	0.8	0.4	0.6	0.7
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	3.6	3.2	1.0	1.1
Jumlah Total	100	100	100	100

Jenis aktiviti ekonomi Kind of economic activity	Pekerja bergaji Paid employees			
	Pekerja sepenuh masa Full-time employees			
	Pengurus, profesional dan penyelidik Manager, professional and researcher		Juruteknik dan profesional bersekutu Technicians and associate professional	
	2015	2022	2015	2022
1. Pertanian Agriculture	1.9	1.6	1.9	1.3
1.1 Tanaman Crops	1.4	1.1	1.4	1.0
1.2 Ternakan Livestock	0.2	0.2	0.1	0.1
1.3 Perhutanan dan pembalakan Forestry and logging	0.2	0.1	0.3	0.1
1.4 Perikanan Fisheries	0.1	0.1	0.1	0.1
2. Perlombongan & pengkuarian Mining & quarrying	1.4	1.3	2.0	1.5
3. Pembuatan Manufacturing	18.9	16.9	33.5	32.6
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	1.7	1.7	2.8	2.7
3.2 Minuman dan produk tembakau Beverages and tobacco products	0.1	0.1	0.2	0.2
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	0.5	0.4	1.4	0.7
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	2.0	1.7	2.9	2.9
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	3.3	3.3	6.0	6.3
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	2.7	2.4	4.4	4.4
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	6.5	5.5	12.0	12.4
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	2.1	1.8	3.7	3.2
4. Pembinaan Construction	6.9	8.4	10.5	10.8
5. Perkhidmatan Services	70.9	71.9	52.1	53.7
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	0.8	0.8	2.3	1.8
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	0.4	0.5	0.8	1.4
5.3 Perdagangan borong dan runcit Wholesale and retail trade	13.9	14.2	10.6	12.3
5.4 Pengangkutan dan penyimpanan Transportation and storage	4.2	3.9	5.7	5.8
5.5 Penginapan Accommodation	1.6	1.7	1.8	0.8
5.6 Makanan dan minuman Food and beverage	6.3	5.9	1.0	1.0
5.7 Maklumat dan komunikasi Information and communication	6.8	7.0	8.6	8.8
5.8 Kewangan Finance	10.8	10.4	5.3	5.3
5.9 Hartanah Real estate	2.7	2.7	1.1	1.2
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	9.6	10.0	6.7	6.6
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	2.7	2.4	1.2	1.7
5.12 Pendidikan swasta Private education	6.1	6.2	2.0	1.9
5.13 Kesihatan swasta dan kerja sosial Private health and social work	3.1	4.0	3.8	4.0
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	0.9	0.7	0.6	0.3
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	1.2	1.5	0.7	0.9
Jumlah Total	100	100	100	100

Pekerja bergaji Paid employees								Jumlah pekerja Total employees	
Pekerja sepenuh masa Full-time employees				Pekerja sambilan Part-time employees		Jumlah pekerja bergaji Total paid employees			
Perkeranian dan pekerjaan yang berkaitan Clerical and related occupations		Pekerja asas Elementary occupations							
2015	2022	2015	2022	2015	2022	2015	2022	2015	2022
7.8	6.3	2.3	4.6	4.8	2.4	5.7	4.9	6.4	5.2
6.7	5.4	1.6	4.0	4.0	1.8	4.8	4.1	5.5	4.5
0.5	0.5	0.5	0.4	0.3	0.2	0.4	0.4	0.4	0.4
0.4	0.2	0.2	0.1	0.2	0.2	0.3	0.2	0.3	0.1
0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2
0.9	0.7	0.9	0.3	0.1	0.1	1.0	0.7	0.9	0.7
31.7	32.4	12.2	13.5	5.4	4.4	26.4	26.0	23.9	23.5
3.8	4.0	2.2	2.4	1.6	1.1	3.2	3.2	2.9	2.9
0.2	0.2	0.2	0.1	0.0	0.0	0.2	0.2	0.2	0.2
1.4	1.0	0.8	1.0	0.8	1.0	1.2	0.9	1.2	0.9
4.4	4.1	3.1	3.1	0.8	0.9	3.7	3.4	3.4	3.1
5.9	6.2	1.8	2.2	0.5	0.2	4.7	4.9	4.2	4.4
5.1	4.7	1.9	2.2	0.7	0.5	4.1	3.8	3.7	3.4
7.8	8.9	1.4	1.6	0.3	0.3	6.7	7.1	6.0	6.3
3.1	3.2	0.8	1.0	0.6	0.3	2.6	2.5	2.3	2.3
22.2	18.1	3.8	4.9	2.7	5.8	16.0	13.5	14.6	12.4
37.3	42.5	80.8	76.6	87.0	87.4	50.8	54.9	54.2	58.3
0.5	0.4	0.4	0.4	0.1	0.0	0.6	0.6	0.5	0.5
0.6	0.5	1.1	1.0	0.1	0.2	0.6	0.7	0.6	0.6
15.5	18.3	26.9	26.4	39.6	42.0	17.4	19.4	19.8	21.7
3.9	4.4	7.7	7.2	2.1	2.4	4.6	4.9	4.6	4.8
1.0	1.1	3.8	3.3	2.4	2.4	1.6	1.6	1.5	1.6
4.3	5.1	23.6	22.4	29.0	26.4	8.1	8.6	10.1	10.8
1.3	1.5	1.9	1.5	0.8	1.1	2.6	2.8	2.3	2.5
3.2	3.4	1.8	1.8	0.8	0.8	4.0	4.2	3.6	3.8
0.6	0.8	0.8	0.7	0.7	0.6	1.0	1.1	0.9	1.0
2.2	2.2	3.5	2.7	2.4	2.3	3.7	3.8	3.5	3.6
1.4	1.6	4.5	4.1	1.6	1.6	2.1	2.2	2.0	2.0
0.6	0.7	1.1	1.0	2.9	2.8	1.6	1.7	1.5	1.9
1.0	1.1	0.8	0.6	1.1	0.9	1.4	1.7	1.4	1.6
0.4	0.4	1.2	1.8	1.3	2.0	0.6	0.8	0.7	0.7
0.8	0.9	1.7	1.5	2.1	1.8	1.0	1.1	1.3	1.4
100	100	100	100	100	100	100	100	100	100

Jenis aktiviti ekonomi Kind of economic activity	Pemilik yang bekerja dan pekerja keluarga tidak bergaji Working proprietors and unpaid family workers	Pekerja bergaji Paid employees
		Pekerja sepenuh masa Full-time employees
	CAGR 2022/2015	Jumlah pekerja sepenuh masa Total full-time employees
	CAGR 2022/2015	CAGR 2022/2015
1. Pertanian Agriculture	-4.1	-0.5
1.1 Tanaman Crops	-4.3	-0.3
1.2 Ternakan Livestock	3.9	1.3
1.3 Perhutanan dan pembalakan Forestry and logging	-3.1	-8.2
1.4 Perikanan Fisheries	0.4	0.7
2. Perlombongan & pengkuarian Mining & quarrying	5.0	-3.2
3. Pembuatan Manufacturing	3.8	1.4
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	2.1	1.9
3.2 Minuman dan produk tembakau Beverages and tobacco products	-1.2	0.4
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	0.4	-2.1
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	6.9	0.2
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	12.8	2.2
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	4.1	0.4
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	10.9	2.5
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	6.2	1.4
4. Pembinaan Construction	10.8	-0.9
5. Perkhidmatan Services	2.9	2.8
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	1.1	0.9
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	-5.9	2.8
5.3 Perdagangan borong dan runcit Wholesale and retail trade	2.8	3.2
5.4 Pengangkutan dan penyimpanan Transportation and storage	-1.0	2.4
5.5 Penginapan Accommodation	26.6	1.5
5.6 Makanan dan minuman Food and beverage	3.2	2.8
5.7 Maklumat dan komunikasi Information and communication	4.3	3.0
5.8 Kewangan Finance	7.4	2.3
5.9 Hartanah Real estate	3.6	3.4
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	1.0	2.0
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	-0.4	2.5
5.12 Pendidikan swasta Private education	19.0	3.0
5.13 Kesihatan swasta dan kerja sosial Private health and social work	-2.2	4.3
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	-7.0	3.6
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	0.9	3.5
Jumlah Total	2.5	1.7

Pekerja bergaji Paid employees				
Pekerja sepenuh masa Full-time employees				Pekerja sambilan Part-time employees
Pengurus, profesional dan penyelidik Manager, professional and researcher	Juruteknik dan profesional bersekutu Technicians and associate professional	Perkeranian dan pekerjaan yang berkaitan Clerical and related occupations	Pekerja asas Elementary occupations	
CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015
1.1	-2.8	-2.3	14.4	-7.9
0.9	-2.8	-2.4	18.5	-8.9
4.9	3.9	0.7	2.3	-2.2
-3.1	-9.3	-9.1	-5.6	-1.1
1.5	0.8	0.4	2.5	-10.3
1.8	-2.2	-3.9	-10.9	-6.6
2.1	1.5	1.0	5.0	-0.8
3.4	0.8	1.4	5.1	-4.1
2.7	1.9	1.6	-9.1	-1.2
0.4	-8.0	-3.4	6.7	6.6
1.1	1.5	-0.6	3.3	3.0
3.6	2.6	1.5	6.8	-6.9
2.5	1.6	-0.5	5.1	-3.8
1.3	2.4	2.6	5.3	3.4
1.6	-0.5	1.1	7.3	-6.6
6.8	2.2	2.2	7.4	13.7
4.0	2.3	2.3	2.7	2.1
3.9	-2.2	0.5	3.4	-29.6
9.2	10.8	-0.2	3.0	9.3
4.0	4.0	3.0	3.2	2.8
2.8	2.1	2.4	2.6	4.3
4.0	-9.9	2.1	1.6	1.5
2.9	2.8	3.0	2.7	0.7
4.2	2.3	3.2	0.0	6.9
3.2	1.9	1.5	3.4	1.7
3.9	3.2	3.3	2.9	0.6
4.4	1.6	0.6	-0.1	1.7
1.9	6.4	2.7	2.0	2.3
4.0	1.8	2.2	0.8	1.5
7.8	2.7	3.0	0.7	-1.5
0.6	-7.8	1.0	9.4	8.1
7.6	5.3	2.9	1.4	-0.2
3.8	1.9	0.7	3.5	2.0

Jenis aktiviti ekonomi Kind of economic activity	Pekerja bergaji Paid employees	Jumlah pekerja Total employees
	Jumlah pekerja bergaji Total paid employees	
	CAGR 2022/2015	
1. Pertanian Agriculture	-0.7	-1.3
1.1 Tanaman Crops	-0.5	-1.3
1.2 Ternakan Livestock	1.2	1.3
1.3 Perhutanan dan pembalakan Forestry and logging	-8.1	-8.0
1.4 Perikanan Fisheries	0.4	0.4
2. Perlombongan & pengkuarian Mining & quarrying	-3.2	-3.2
3. Pembuatan Manufacturing	1.4	1.5
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	1.8	1.9
3.2 Minuman dan produk tembakau Beverages and tobacco products	0.4	0.4
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	-1.8	-1.6
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	0.3	0.4
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	2.2	2.2
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	0.4	0.5
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	2.5	2.5
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	1.3	1.4
4. Pembinaan Construction	-0.8	-0.5
5. Perkhidmatan Services	2.8	2.8
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	0.8	0.8
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	2.8	2.8
5.3 Perdagangan borong dan runcit Wholesale and retail trade	3.2	3.1
5.4 Pengangkutan dan penyimpanan Transportation and storage	2.5	2.1
5.5 Penginapan Accommodation	1.5	2.7
5.6 Makanan dan minuman Food and beverage	2.6	2.8
5.7 Maklumat dan komunikasi Information and communication	3.0	3.0
5.8 Kewangan Finance	2.3	2.3
5.9 Hartanah Real estate	3.4	3.4
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	2.0	1.9
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	2.5	2.3
5.12 Pendidikan swasta Private education	2.9	4.8
5.13 Kesihatan swasta dan kerja sosial Private health and social work	4.2	3.7
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	4.0	2.9
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	3.3	2.6
Jumlah Total	1.7	1.8

Jenis aktiviti ekonomi Kind of economic activity	Pemilik yang bekerja dan pekerja keluarga tidak bergaji Working proprietors and unpaid family workers		Pekerja bergaji Paid employees	
			Pekerja sepenuh masa Full-time employees	
			Jumlah pekerja sepenuh masa Total full-time employees	
	2015	2022	2015	2022
1. Pertanian Agriculture	96.2	68.5	367.0	346.3
1.1 Tanaman Crops	93.8	65.9	304.6	292.6
1.2 Ternakan Livestock	1.1	1.4	27.8	28.8
1.3 Perhutanan dan pembalakan Forestry and logging	0.3	0.3	21.9	11.5
1.4 Perikanan Fisheries	0.8	0.9	12.7	13.5
2. Perlombongan & pengkuarian Mining & quarrying	0.2	0.2	69.4	54.7
3. Pembuatan Manufacturing	19.0	27.1	1,404.7	1,553.0
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	3.8	4.7	169.2	189.7
3.2 Minuman dan produk tembakau Beverages and tobacco products	0.2	0.1	11.5	11.4
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	2.8	3.4	49.1	48.0
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	3.6	5.7	219.5	224.1
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	0.7	1.5	263.3	295.0
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	4.7	6.2	261.0	262.7
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	0.6	1.3	276.7	357.5
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	2.7	4.2	154.5	164.7
4. Pembinaan Construction	19.5	40.8	1,167.2	1,058.6
5. Perkhidmatan Services	511.1	569.7	2,228.2	2,682.1
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	0.1	0.1	39.2	41.2
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	0.4	0.3	40.7	47.1
5.3 Perdagangan borong dan runcit Wholesale and retail trade	266.4	271.9	786.1	945.1
5.4 Pengangkutan dan penyimpanan Transportation and storage	43.4	40.4	271.2	319.0
5.5 Penginapan Accommodation	2.1	10.0	67.9	75.7
5.6 Makanan dan minuman Food and beverage	133.5	168.2	304.6	371.2
5.7 Maklumat dan komunikasi Information and communication	0.6	0.8	121.4	149.6
5.8 Kewangan Finance	1.6	2.7	152.2	186.7
5.9 Hartanah Real estate	1.0	1.3	44.5	57.2
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	18.9	22.0	155.2	172.3
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	8.7	8.5	106.9	124.4
5.12 Pendidikan swasta Private education	4.2	13.4	47.4	57.8
5.13 Kesihatan swasta dan kerja sosial Private health and social work	6.1	6.2	30.5	46.4
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	5.5	3.1	28.3	40.1
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	18.7	21.0	32.1	48.2
Jumlah Total	645.8	706.4	5,236.6	5,694.8

Jenis aktiviti ekonomi Kind of economic activity	Pekerja bergaji Paid employees			
	Pekerja sepenuh masa Full-time employees			
	Pengurus, profesional dan penyelidik Manager, professional and researcher		Juruteknik dan profesional bersekutu Technicians and associate professional	
	2015	2022	2015	2022
1. Pertanian Agriculture	16.5	17.1	9.0	7.3
1.1 Tanaman Crops	12.4	12.8	6.8	5.6
1.2 Ternakan Livestock	1.5	2.0	0.6	0.7
1.3 Perhutanan dan pembalakan Forestry and logging	1.5	1.2	1.2	0.7
1.4 Perikanan Fisheries	1.0	1.1	0.4	0.3
2. Perlombongan & pengkuarian Mining & quarrying	11.1	12.3	9.7	8.2
3. Pembuatan Manufacturing	134.5	159.7	143.8	161.8
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	12.2	15.6	12.6	13.4
3.2 Minuman dan produk tembakau Beverages and tobacco products	1.0	1.2	0.9	1.0
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	3.2	3.7	4.9	3.2
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	14.9	17.0	13.3	14.8
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	23.0	29.9	26.3	32.0
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	20.1	24.6	20.5	23.2
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	44.2	49.3	48.1	57.6
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	15.9	18.4	17.2	16.5
4. Pembinaan Construction	55.3	90.0	48.6	57.3
5. Perkhidmatan Services	452.1	589.5	191.9	226.4
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	5.5	6.8	11.1	9.7
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	2.7	4.8	3.7	7.7
5.3 Perdagangan borong dan runcit Wholesale and retail trade	91.7	120.0	43.5	57.2
5.4 Pengangkutan dan penyimpanan Transportation and storage	31.7	38.5	24.9	28.6
5.5 Penginapan Accommodation	10.3	14.5	7.8	3.4
5.6 Makanan dan minuman Food and beverage	50.3	62.0	3.4	4.1
5.7 Maklumat dan komunikasi Information and communication	45.7	60.1	33.4	38.8
5.8 Kewangan Finance	57.5	77.0	12.8	14.9
5.9 Hartanah Real estate	20.6	26.5	4.2	5.5
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	63.5	77.3	25.9	28.7
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	19.1	21.5	5.5	8.3
5.12 Pendidikan swasta Private education	26.8	35.2	5.4	6.1
5.13 Kesihatan swasta dan kerja sosial Private health and social work	13.7	24.2	5.0	7.6
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	6.4	7.4	2.5	1.3
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	6.6	13.7	2.7	4.5
Jumlah Total	669.5	868.7	402.9	460.9

JADUAL 5.1a Bilangan pekerja lelaki mengikut aktiviti ekonomi dan kategori pekerja, 2015 & 2022 (samb.)
Number of male employees by economic activity and category of employment, 2015 & 2022 (cont.)

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Pekerja bergaji <i>Paid employees</i>								Jumlah pekerja <i>Total employees</i>	
Pekerja sepenuh masa <i>Full-time employees</i>				Pekerja sambilan <i>Part-time employees</i>		Jumlah pekerja bergaji <i>Total paid employees</i>			
Perkeranian dan pekerjaan yang berkaitan <i>Clerical and related occupations</i>		Pekerja asas <i>Elementary occupations</i>							
2015	2022	2015	2022	2015	2022	2015	2022	2015	2022
318.6	276.8	23.0	45.0	9.7	5.1	376.7	351.4	472.9	419.8
269.6	237.1	15.8	37.2	8.0	3.8	312.7	296.4	406.5	362.4
21.2	20.8	4.5	5.3	0.7	0.6	28.5	29.3	29.6	30.7
17.4	8.5	1.8	1.2	0.5	0.5	22.4	11.9	22.7	12.2
10.4	10.6	0.9	1.4	0.4	0.2	13.2	13.7	14.0	14.6
40.3	29.8	8.4	4.5	0.3	0.2	69.7	54.9	69.8	55.1
1,019.2	1,076.3	107.3	155.3	7.1	6.8	1,411.8	1,559.9	1,430.8	1,587.0
127.4	134.1	17.0	26.5	1.5	1.3	170.7	191.0	174.4	195.7
7.6	8.1	2.0	1.0	0.1	0.0	11.6	11.4	11.7	11.6
36.5	30.7	4.4	10.4	0.3	0.6	49.4	48.6	52.2	52.0
162.7	155.4	28.6	36.9	1.5	1.8	220.9	226.0	224.5	231.6
197.3	208.6	16.7	24.4	0.6	0.5	263.9	295.4	264.6	297.0
200.9	187.1	19.4	27.8	1.5	1.2	262.5	263.9	267.1	270.1
172.4	235.0	12.0	15.7	0.6	0.7	277.3	358.2	277.9	359.5
114.3	117.3	7.1	12.5	1.1	0.7	155.6	165.4	158.3	169.6
1,026.9	843.1	36.4	68.2	5.9	15.2	1,173.1	1,073.8	1,192.6	1,114.6
944.6	1,127.7	639.6	738.5	114.6	124.0	2,342.8	2,806.0	2,853.9	3,375.8
17.6	18.1	5.0	6.5	0.1	0.0	39.3	41.2	39.4	41.2
22.4	20.2	11.9	14.4	0.3	0.5	41.0	47.6	41.4	47.9
405.6	491.6	245.3	276.4	54.6	56.4	840.7	1,001.5	1,107.2	1,273.4
137.0	160.7	77.7	91.3	4.1	5.6	275.4	324.6	318.8	364.9
24.1	30.8	25.7	27.0	3.0	3.4	70.8	79.1	72.9	89.1
106.3	130.7	144.6	174.3	36.5	38.3	341.1	409.6	474.6	577.8
29.1	37.3	13.2	13.4	1.2	2.0	122.6	151.6	123.2	152.4
70.0	79.8	11.9	15.0	0.8	0.9	153.0	187.6	154.7	190.3
14.0	17.4	5.7	7.7	0.9	0.9	45.4	58.1	46.4	59.4
37.7	42.6	28.1	23.7	2.8	3.7	157.9	176.0	176.8	198.0
39.9	47.2	42.5	47.4	2.9	3.5	109.9	127.9	118.6	136.4
9.8	10.6	5.4	5.9	2.5	2.7	50.0	60.4	54.1	73.8
7.8	10.6	3.9	4.0	0.7	0.5	31.1	47.0	37.2	53.2
9.6	10.7	9.7	20.7	2.1	2.8	30.4	43.0	35.9	46.1
13.9	19.2	9.0	10.9	2.1	2.7	34.1	51.0	52.9	72.0
3,349.6	3,353.7	814.6	1,011.5	137.6	151.3	5,374.1	5,846.0	6,020.0	6,552.4

Jenis aktiviti ekonomi Kind of economic activity	Pemilik yang bekerja dan pekerja keluarga tidak bergaji Working proprietors and unpaid family workers		Pekerja bergaji Paid employees	Jumlah pekerja sepenuh masa Total full-time employees
			Pekerja sepenuh masa Full-time employees	
	2015	2022	2015	2022
1. Pertanian Agriculture	14.9	9.7	7.0	6.1
1.1 Tanaman Crops	14.5	9.3	5.8	5.1
1.2 Ternakan Livestock	0.2	0.2	0.5	0.5
1.3 Perhutanan dan pembalakan Forestry and logging	0.1	0.0	0.4	0.2
1.4 Perikanan Fisheries	0.1	0.1	0.2	0.2
2. Perlombongan & pengkuarian Mining & quarrying	0.0	0.0	1.3	1.0
3. Pembuatan Manufacturing	2.9	3.8	26.8	27.3
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	0.6	0.7	3.2	3.3
3.2 Minuman dan produk tembakau Beverages and tobacco products	0.0	0.0	0.2	0.2
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	0.4	0.5	0.9	0.8
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	0.6	0.8	4.2	3.9
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	0.1	0.2	5.0	5.2
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	0.7	0.9	5.0	4.6
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	0.1	0.2	5.3	6.3
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	0.4	0.6	3.0	2.9
4. Pembinaan Construction	3.0	5.8	22.3	18.6
5. Perkhidmatan Services	79.1	80.7	42.6	47.1
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	0.0	0.0	0.7	0.7
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	0.1	0.0	0.8	0.8
5.3 Perdagangan borong dan runcit Wholesale and retail trade	41.3	38.5	15.0	16.6
5.4 Pengangkutan dan penyimpanan Transportation and storage	6.7	5.7	5.2	5.6
5.5 Penginapan Accommodation	0.3	1.4	1.3	1.3
5.6 Makanan dan minuman Food and beverage	20.7	23.8	5.8	6.5
5.7 Maklumat dan komunikasi Information and communication	0.1	0.1	2.3	2.6
5.8 Kewangan Finance	0.3	0.4	2.9	3.3
5.9 Hartanah Real estate	0.2	0.2	0.8	1.0
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	2.9	3.1	3.0	3.0
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	1.3	1.2	2.0	2.2
5.12 Pendidikan swasta Private education	0.6	1.9	0.9	1.0
5.13 Kesihatan swasta dan kerja sosial Private health and social work	0.9	0.9	0.6	0.8
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	0.9	0.4	0.5	0.7
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	2.9	3.0	0.6	0.8
Jumlah Total	100	100	100	100

Pekerja bergaji Paid employees									
Pekerja sepenuh masa Full-time employees								Pekerja sambilan Part-time employees	
Pengurus, profesional dan penyelidik Manager, professional and researcher		Juruteknik dan profesional bersekutu Technicians and associate professional		Perkeranian dan pekerjaan yang berkaitan Clerical and related occupations		Pekerja asas Elementary occupations			
2015	2022	2015	2022	2015	2022	2015	2022		
2.5	2.0	2.2	1.6	9.5	8.3	2.8	4.5	7.0	3.3
1.9	1.5	1.7	1.2	8.0	7.1	1.9	3.7	5.8	2.5
0.2	0.2	0.1	0.2	0.6	0.6	0.6	0.5	0.5	0.4
0.2	0.1	0.3	0.1	0.5	0.3	0.2	0.1	0.3	0.3
0.2	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.3	0.2
1.7	1.4	2.4	1.8	1.2	0.9	1.0	0.4	0.2	0.1
20.1	18.4	35.7	35.1	30.4	32.1	13.2	15.3	5.1	4.5
1.8	1.8	3.1	2.9	3.8	4.0	2.1	2.6	1.1	0.8
0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0
0.5	0.4	1.2	0.7	1.1	0.9	0.5	1.0	0.2	0.4
2.2	2.0	3.3	3.2	4.9	4.6	3.5	3.6	1.1	1.2
3.4	3.4	6.5	7.0	5.9	6.2	2.1	2.4	0.4	0.3
3.0	2.8	5.1	5.0	6.0	5.6	2.4	2.8	1.1	0.8
6.6	5.7	11.9	12.5	5.1	7.0	1.5	1.5	0.4	0.5
2.4	2.1	4.3	3.6	3.4	3.5	0.9	1.2	0.8	0.5
8.3	10.4	12.1	12.4	30.7	25.1	4.5	6.7	4.3	10.0
67.5	67.9	47.6	49.1	28.2	33.6	78.5	73.0	83.3	82.0
0.8	0.8	2.8	2.1	0.5	0.5	0.6	0.6	0.1	0.0
0.4	0.6	0.9	1.7	0.7	0.6	1.5	1.4	0.2	0.3
13.7	13.8	10.8	12.4	12.1	14.7	30.1	27.3	39.7	37.3
4.7	4.4	6.2	6.2	4.1	4.8	9.5	9.0	3.0	3.7
1.5	1.7	1.9	0.7	0.7	0.9	3.2	2.7	2.1	2.2
7.5	7.1	0.8	0.9	3.2	3.9	17.7	17.2	26.5	25.3
6.8	6.9	8.3	8.4	0.9	1.1	1.6	1.3	0.9	1.3
8.6	8.9	3.2	3.2	2.1	2.4	1.5	1.5	0.6	0.6
3.1	3.1	1.0	1.2	0.4	0.5	0.7	0.8	0.7	0.6
9.5	8.9	6.4	6.2	1.1	1.3	3.5	2.3	2.0	2.5
2.8	2.5	1.4	1.8	1.2	1.4	5.2	4.7	2.1	2.3
4.0	4.0	1.3	1.3	0.3	0.3	0.7	0.6	1.8	1.8
2.1	2.8	1.3	1.7	0.2	0.3	0.5	0.4	0.5	0.4
1.0	0.9	0.6	0.3	0.3	0.3	1.2	2.0	1.5	1.9
1.0	1.6	0.7	1.0	0.4	0.6	1.1	1.1	1.5	1.8
100	100	100	100	100	100	100	100	100	100

Jenis aktiviti ekonomi Kind of economic activity		Pekerja bergaji Paid employees		Jumlah pekerja Total employees	
		Jumlah pekerja bergaji Total paid employees			
		2015	2022	2015	2022
1. Pertanian Agriculture		7.0	6.0	7.9	6.4
1.1	Tanaman Crops	5.8	5.1	6.8	5.5
1.2	Ternakan Livestock	0.5	0.5	0.5	0.5
1.3	Perhutanan dan pembalakan Forestry and logging	0.4	0.2	0.4	0.2
1.4	Perikanan Fisheries	0.2	0.2	0.2	0.2
2. Perlombongan & pengkuarian Mining & quarrying		1.3	0.9	1.2	0.8
3. Pembuatan Manufacturing		26.3	26.7	23.8	24.2
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	3.2	3.3	2.9	3.0
3.2	Minuman dan produk tembakau Beverages and tobacco products	0.2	0.2	0.2	0.2
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	0.9	0.8	0.9	0.8
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	4.1	3.9	3.7	3.5
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	4.9	5.1	4.4	4.5
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	4.9	4.5	4.4	4.1
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	5.2	6.1	4.6	5.5
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	2.9	2.8	2.6	2.6
4. Pembinaan Construction		21.8	18.4	19.8	17.0
5. Perkhidmatan Services		43.6	48.0	47.4	51.5
5.1	Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	0.7	0.7	0.7	0.6
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	0.8	0.8	0.7	0.7
5.3	Perdagangan borong dan runcit Wholesale and retail trade	15.6	17.1	18.4	19.4
5.4	Pengangkutan dan penyimpanan Transportation and storage	5.1	5.6	5.3	5.6
5.5	Penginapan Accommodation	1.3	1.4	1.2	1.4
5.6	Makanan dan minuman Food and beverage	6.3	7.0	7.9	8.8
5.7	Maklumat dan komunikasi Information and communication	2.3	2.6	2.0	2.3
5.8	Kewangan Finance	2.8	3.2	2.6	2.9
5.9	Hartanah Real estate	0.8	1.0	0.8	0.9
5.10	Profesional, saintifik dan teknikal Professional, scientific and technical	2.9	3.0	2.9	3.0
5.11	Pentadbiran dan khidmat sokongan Administrative and support service	2.0	2.2	2.0	2.1
5.12	Pendidikan swasta Private education	0.9	1.0	0.9	1.1
5.13	Kesihatan swasta dan kerja sosial Private health and social work	0.6	0.8	0.6	0.8
5.14	Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	0.6	0.7	0.6	0.7
5.15	Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	0.6	0.9	0.9	1.1
Jumlah Total		100	100	100	100

Jenis aktiviti ekonomi Kind of economic activity	Pemilik yang bekerja dan pekerja keluarga tidak bergaji Working proprietors and unpaid family workers	Pekerja bergaji Paid employees
		Pekerja sepenuh masa Full-time employees
	CAGR 2022/2015	Jumlah pekerja sepenuh masa Total full-time employees
	CAGR 2022/2015	CAGR 2022/2015
1. Pertanian Agriculture	-4.7	-0.8
1.1 Tanaman Crops	-4.9	-0.6
1.2 Ternakan Livestock	2.9	0.5
1.3 Perhutanan dan pembalakan Forestry and logging	-3.2	-8.8
1.4 Perikanan Fisheries	0.4	0.8
2. Perlombongan & pengkuarian Mining & quarrying	5.5	-3.3
3. Pembuatan Manufacturing	5.2	1.4
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	3.4	1.6
3.2 Minuman dan produk tembakau Beverages and tobacco products	-0.1	-0.2
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	2.6	-0.3
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	6.8	0.3
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	12.6	1.6
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	4.1	0.1
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	10.6	3.7
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	6.5	0.9
4. Pembinaan Construction	11.2	-1.4
5. Perkhidmatan Services	1.6	2.7
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	1.6	0.7
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	-4.7	2.1
5.3 Perdagangan borong dan runcit Wholesale and retail trade	0.3	2.7
5.4 Pengangkutan dan penyimpanan Transportation and storage	-1.0	2.3
5.5 Penginapan Accommodation	25.2	1.6
5.6 Makanan dan minuman Food and beverage	3.4	2.9
5.7 Maklumat dan komunikasi Information and communication	4.0	3.0
5.8 Kewangan Finance	7.6	3.0
5.9 Hartanah Real estate	3.7	3.7
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	2.2	1.5
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	-0.4	2.2
5.12 Pendidikan swasta Private education	18.1	2.9
5.13 Kesihatan swasta dan kerja sosial Private health and social work	0.4	6.2
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	-7.8	5.1
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	1.6	6.0
Jumlah Total	1.3	1.2

Jenis aktiviti ekonomi Kind of economic activity	Pekerja bergaji Paid employees	
	Pekerja sepenuh masa Full-time employees	
	Pengurus, profesional dan penyelidik Manager, professional and researcher	Juruteknik dan profesional bersekutu Technicians and associate professional
	CAGR 2022/2015	CAGR 2022/2015
1. Pertanian Agriculture	0.5	-2.9
1.1 Tanaman Crops	0.4	-2.8
1.2 Ternakan Livestock	4.3	3.2
1.3 Perhutanan dan pembalakan Forestry and logging	-3.7	-8.7
1.4 Perikanan Fisheries	1.3	-0.9
2. Perlombongan & pengkuarian Mining & quarrying	1.6	-2.4
3. Pembuatan Manufacturing	2.5	1.7
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	3.5	0.9
3.2 Minuman dan produk tembakau Beverages and tobacco products	3.1	1.7
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	2.3	-6.2
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	1.9	1.6
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	3.8	2.9
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	2.9	1.8
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	1.6	2.6
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	2.1	-0.6
4. Pembinaan Construction	7.2	2.4
5. Perkhidmatan Services	3.9	2.4
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	3.2	-2.0
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	8.4	11.0
5.3 Perdagangan borong dan runcit Wholesale and retail trade	3.9	4.0
5.4 Pengangkutan dan penyimpanan Transportation and storage	2.8	2.0
5.5 Penginapan Accommodation	5.0	-11.1
5.6 Makanan dan minuman Food and beverage	3.0	2.8
5.7 Maklumat dan komunikasi Information and communication	4.0	2.2
5.8 Kewangan Finance	4.3	2.2
5.9 Hartanah Real estate	3.6	4.0
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	2.9	1.5
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	1.8	6.1
5.12 Pendidikan swasta Private education	3.9	1.8
5.13 Kesihatan swasta dan kerja sosial Private health and social work	8.4	6.1
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	2.0	-8.9
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	11.1	7.5
Jumlah Total	3.8	1.9

JADUAL 5.1c Kadar pertumbuhan tahunan pekerja lelaki mengikut aktiviti ekonomi dan kategori pekerja, 2022/2015 (samb.)
Annual growth rate of number of male employee by economic activity and category of employment, 2022/2015 (cont.)

CAGR (%)

Pekerja bergaji Paid employees				Jumlah pekerja Total employees
Pekerja sepenuh masa Full-time employees		Pekerja sambilan Part-time employees	Jumlah pekerja bergaji Total paid employees	
Perkeranian dan pekerjaan yang berkaitan Clerical and related occupations	Pekerja asas Elementary occupations			
CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015
-2.0	10.1	-8.8	-1.0	-1.7
-1.8	13.0	-10.2	-0.8	-1.6
-0.3	2.2	-3.7	0.4	0.5
-9.8	-5.8	-0.4	-8.6	-8.5
0.2	6.9	-8.0	0.6	0.6
-4.2	-8.6	-4.9	-3.3	-3.3
0.8	5.4	-0.5	1.4	1.5
0.7	6.6	-2.0	1.6	1.7
0.9	-9.3	-5.3	-0.2	-0.2
-2.5	13.0	9.7	-0.2	-0.1
-0.6	3.7	3.1	0.3	0.4
0.8	5.5	-2.9	1.6	1.7
-1.0	5.3	-2.9	0.1	0.2
4.5	3.9	3.4	3.7	3.7
0.4	8.4	-6.3	0.9	1.0
2.4	9.4	14.4	-1.3	-1.0
2.4	2.1	1.1	2.6	2.4
0.5	3.9	-29.2	0.7	0.7
-1.4	2.7	8.3	2.1	2.1
2.8	1.7	0.4	2.5	2.0
2.3	2.3	4.3	2.4	2.0
3.6	0.7	2.0	1.6	2.9
3.0	2.7	0.7	2.6	2.9
3.6	0.2	6.8	3.1	3.1
1.9	3.4	1.1	3.0	3.0
3.2	4.4	0.1	3.6	3.6
1.8	-2.4	4.4	1.6	1.6
2.4	1.6	2.5	2.2	2.0
1.2	1.1	0.6	2.8	4.5
4.5	0.4	-3.1	6.0	5.2
1.5	11.4	4.7	5.1	3.6
4.8	2.8	4.2	5.9	4.5
0.0	3.1	1.4	1.2	1.2

Jenis aktiviti ekonomi Kind of economic activity	Pemilik yang bekerja dan pekerja keluarga tidak bergaji Working proprietors and unpaid family workers		Pekerja bergaji Paid employees	
			Pekerja sepenuh masa Full-time employees	
			Jumlah pekerja sepenuh masa Total full-time employees	
	2015	2022	2015	2022
1. Pertanian Agriculture	18.4	17.1	74.6	79.9
1.1 Tanaman Crops	18.0	16.6	65.1	69.3
1.2 Ternakan Livestock	0.2	0.4	4.9	7.0
1.3 Perhutanan dan pembalakan Forestry and logging	0.1	0.1	3.2	2.3
1.4 Perikanan Fisheries	0.1	0.1	1.4	1.4
2. Perlombongan & pengkuarian Mining & quarrying	0.0	0.0	12.4	10.5
3. Pembuatan Manufacturing	12.2	13.2	670.7	741.0
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	3.8	4.0	76.3	90.9
3.2 Minuman dan produk tembakau Beverages and tobacco products	0.1	0.1	5.1	5.7
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	6.4	6.1	42.2	30.9
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	0.7	1.2	72.7	72.9
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	0.2	0.4	110.8	140.0
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	0.6	0.7	64.1	71.7
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	0.1	0.2	250.4	270.0
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	0.4	0.5	49.0	58.9
4. Pembinaan Construction	2.7	4.7	94.8	122.8
5. Perkhidmatan Services	268.3	385.0	1,587.5	1,961.1
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	0.0	0.0	8.6	9.6
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	0.1	0.0	7.7	11.6
5.3 Perdagangan borong dan runcit Wholesale and retail trade	106.1	179.3	501.7	662.9
5.4 Pengangkutan dan penyimpanan Transportation and storage	4.1	3.9	87.7	106.0
5.5 Penginapan Accommodation	0.9	5.7	54.1	59.8
5.6 Makanan dan minuman Food and beverage	120.9	148.4	265.0	321.2
5.7 Maklumat dan komunikasi Information and communication	0.1	0.1	79.2	97.1
5.8 Kewangan Finance	0.2	0.4	163.7	183.9
5.9 Hartanah Real estate	0.3	0.3	29.7	36.8
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	5.5	4.2	129.1	154.7
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	1.9	1.8	52.5	65.2
5.12 Pendidikan swasta Private education	5.9	20.9	70.0	86.8
5.13 Kesihatan swasta dan kerja sosial Private health and social work	5.2	3.4	76.7	97.8
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	1.6	1.2	19.4	21.2
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	15.6	15.5	42.4	46.5
Jumlah Total	301.7	420.1	2,440.0	2,915.2

Pekerja bergaji Paid employees									
Pekerja sepenuh masa Full-time employees								Pekerja sambilan Part-time employees	
Pengurus, profesional dan penyelidik Manager, professional and researcher		Juruteknik dan profesional bersekutu Technicians and associate professional		Perkeranian dan pekerjaan yang berkaitan Clerical and related occupations		Pekerja asas Elementary occupations			
2015	2022	2015	2022	2015	2022	2015	2022		
2.7	3.5	0.7	0.6	66.3	49.2	4.9	26.6	1.6	1.3
1.8	2.5	0.5	0.4	59.5	41.3	3.3	25.2	1.3	1.1
0.4	0.6	0.1	0.1	3.5	5.1	1.0	1.2	0.1	0.1
0.3	0.3	0.1	0.0	2.4	1.7	0.3	0.2	0.1	0.0
0.1	0.2	0.0	0.1	0.9	1.1	0.3	-	0.1	0.0
3.8	4.5	0.7	0.8	5.5	4.8	2.5	0.4	0.0	0.0
59.1	64.4	30.2	30.9	540.4	591.9	41.0	53.8	5.5	5.0
5.6	7.0	2.1	2.2	59.4	71.1	9.2	10.5	2.3	1.6
0.5	0.6	0.2	0.2	3.8	4.6	0.7	0.4	0.0	0.1
2.1	1.7	2.4	1.0	32.3	23.3	5.3	4.9	1.5	2.2
5.5	5.1	1.9	2.1	55.8	54.6	9.5	11.0	0.5	0.6
10.8	13.4	4.8	5.2	90.4	111.7	4.8	9.9	0.5	0.2
7.1	7.8	2.6	2.6	50.4	55.9	4.0	5.4	0.3	0.1
22.0	23.4	14.0	15.6	209.4	222.5	4.9	8.5	0.2	0.2
5.5	5.5	2.1	2.1	38.9	48.1	2.5	3.2	0.2	0.1
15.2	22.0	5.9	6.3	64.0	86.7	9.7	7.7	0.4	0.3
274.7	364.1	78.7	91.0	891.0	1,062.5	343.1	443.5	88.4	110.0
2.6	3.7	0.9	0.7	4.7	5.0	0.4	0.2	0.0	-
1.2	2.5	0.5	0.8	5.1	6.9	0.9	1.4	0.0	0.1
50.9	68.1	11.3	15.2	358.0	449.1	81.4	130.4	37.8	56.0
11.2	13.4	4.8	5.7	56.2	66.9	15.5	20.0	0.7	1.0
6.4	7.5	1.7	1.2	25.7	26.8	20.3	24.4	2.8	2.9
13.9	16.4	1.5	1.9	106.6	130.7	142.9	172.2	31.2	32.5
24.0	32.7	11.0	13.2	33.7	41.0	10.4	10.3	0.5	0.9
52.8	60.8	14.5	16.3	86.0	93.9	10.4	13.1	1.0	1.2
7.0	9.6	1.3	1.3	17.8	22.3	3.6	3.6	0.7	0.8
35.0	55.3	9.0	10.3	71.3	70.9	13.9	18.2	2.8	2.5
8.4	9.8	1.0	1.7	30.5	37.7	12.7	16.0	0.7	0.8
35.8	47.4	4.7	5.4	20.9	25.0	8.5	8.9	4.3	4.9
17.6	28.8	14.8	16.2	39.0	47.0	5.4	5.7	2.0	1.8
2.6	2.1	0.7	0.5	10.7	11.0	5.4	7.6	1.1	2.5
5.3	6.1	0.8	0.6	24.9	28.2	11.5	11.7	2.8	2.0
355.4	458.5	116.2	129.6	1,567.2	1,795.1	401.2	532.1	95.9	116.6

Jenis aktiviti ekonomi Kind of economic activity		Pekerja bergaji Paid employees		Jumlah pekerja Total employees	
		Jumlah pekerja bergaji Total paid employees			
		2015	2022	2015	2022
1. Pertanian Agriculture		76.2	81.2	94.6	98.3
1.1	Tanaman Crops	66.4	70.4	84.4	86.9
1.2	Ternakan Livestock	5.0	7.1	5.2	7.5
1.3	Perhutanan dan pembalakan Forestry and logging	3.3	2.3	3.3	2.4
1.4	Perikanan Fisheries	1.5	1.4	1.7	1.5
2. Perlombongan & pengkuarian Mining & quarrying		12.5	10.5	12.5	10.5
3. Pembuatan Manufacturing		676.2	746.0	688.4	759.2
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	78.7	92.4	82.5	96.4
3.2	Minuman dan produk tembakau Beverages and tobacco products	5.2	5.8	5.2	5.8
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	43.6	33.1	50.0	39.2
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	73.2	73.4	73.9	74.7
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	111.3	140.2	111.5	140.6
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	64.4	71.9	64.9	72.6
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	250.5	270.2	250.6	270.4
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	49.2	59.0	49.6	59.6
4. Pembinaan Construction		95.2	123.1	97.9	127.8
5. Perkhidmatan Services		1,675.9	2,071.1	1,944.2	2,456.1
5.1	Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	8.6	9.6	8.6	9.6
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	7.7	11.6	7.8	11.7
5.3	Perdagangan borong dan runcit Wholesale and retail trade	539.5	718.9	645.5	898.1
5.4	Pengangkutan dan penyimpanan Transportation and storage	88.4	107.0	92.5	110.9
5.5	Penginapan Accommodation	56.9	62.8	57.8	68.4
5.6	Makanan dan minuman Food and beverage	296.2	353.7	417.1	502.1
5.7	Maklumat dan komunikasi Information and communication	79.7	98.0	79.8	98.1
5.8	Kewangan Finance	164.7	185.1	165.0	185.5
5.9	Hartanah Real estate	30.4	37.6	30.6	37.9
5.10	Profesional, saintifik dan teknikal Professional, scientific and technical	131.9	157.2	137.5	161.4
5.11	Pentadbiran dan khidmat sokongan Administrative and support service	53.2	66.0	55.1	67.8
5.12	Pendidikan swasta Private education	74.3	91.7	80.2	112.6
5.13	Kesihatan swasta dan kerja sosial Private health and social work	78.7	99.6	83.9	103.0
5.14	Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	20.5	23.7	22.1	24.9
5.15	Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	45.2	48.6	60.8	64.0
Jumlah Total		2,535.9	3,031.8	2,837.6	3,451.9

Jenis aktiviti ekonomi Kind of economic activity	Pemilik yang bekerja dan pekerja keluarga tidak bergaji Working proprietors and unpaid family workers		Pekerja bergaji Paid employees	Jumlah pekerja sepenuh masa Total full-time employees
			Pekerja sepenuh masa Full-time employees	
	2015	2022	2015	2022
1. Pertanian Agriculture	6.1	4.1	3.1	2.7
1.1 Tanaman Crops	6.0	3.9	2.7	2.4
1.2 Ternakan Livestock	0.1	0.1	0.2	0.2
1.3 Perhutanan dan pembalakan Forestry and logging	0.0	0.0	0.1	0.1
1.4 Perikanan Fisheries	0.0	0.0	0.1	0.0
2. Perlombongan & pengkuarian Mining & quarrying	0.0	0.0	0.5	0.4
3. Pembuatan Manufacturing	4.0	3.1	27.5	25.4
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	1.3	0.9	3.1	3.1
3.2 Minuman dan produk tembakau Beverages and tobacco products	0.0	0.0	0.2	0.2
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	2.1	1.5	1.7	1.1
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	0.2	0.3	3.0	2.5
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	0.1	0.1	4.5	4.8
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	0.2	0.2	2.6	2.5
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	0.0	0.0	10.3	9.3
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	0.1	0.1	2.0	2.0
4. Pembinaan Construction	0.9	1.1	3.9	4.2
5. Perkhidmatan Services	89.0	91.6	65.1	67.3
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	0.0	0.0	0.4	0.3
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	0.0	0.0	0.3	0.4
5.3 Perdagangan borong dan runcit Wholesale and retail trade	35.2	42.7	20.6	22.7
5.4 Pengangkutan dan penyimpanan Transportation and storage	1.3	0.9	3.6	3.6
5.5 Penginapan Accommodation	0.3	1.3	2.2	2.1
5.6 Makanan dan minuman Food and beverage	40.1	35.3	10.9	11.0
5.7 Maklumat dan komunikasi Information and communication	0.0	0.0	3.2	3.3
5.8 Kewangan Finance	0.1	0.1	6.7	6.3
5.9 Hartanah Real estate	0.1	0.1	1.2	1.3
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	1.8	1.0	5.3	5.3
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	0.6	0.4	2.2	2.2
5.12 Pendidikan swasta Private education	2.0	5.0	2.9	3.0
5.13 Kesihatan swasta dan kerja sosial Private health and social work	1.7	0.8	3.1	3.4
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	0.5	0.3	0.8	0.7
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	5.2	3.7	1.7	1.6
Jumlah Total	100	100	100	100

Jenis aktiviti ekonomi Kind of economic activity	Pekerja bergaji Paid employees			
	Pekerja sepenuh masa Full-time employees			
	Pengurus, profesional dan penyelidik Manager, professional and researcher		Juruteknik dan profesional bersekutu Technicians and associate professional	
	2015	2022	2015	2022
1. Pertanian Agriculture	0.8	0.8	0.6	0.4
1.1 Tanaman Crops	0.5	0.5	0.4	0.3
1.2 Ternakan Livestock	0.1	0.1	0.0	0.1
1.3 Perhutanan dan pembalakan Forestry and logging	0.1	0.1	0.1	0.0
1.4 Perikanan Fisheries	0.0	0.0	0.0	0.1
2. Perlombongan & pengkuarian Mining & quarrying	1.1	1.0	0.6	0.6
3. Pembuatan Manufacturing	16.6	14.0	26.0	23.8
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	1.6	1.5	1.8	1.7
3.2 Minuman dan produk tembakau Beverages and tobacco products	0.1	0.1	0.1	0.1
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	0.6	0.4	2.1	0.7
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	1.5	1.1	1.6	1.6
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	3.0	2.9	4.1	4.0
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	2.0	1.7	2.2	2.0
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	6.2	5.1	12.1	12.0
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	1.5	1.2	1.8	1.7
4. Pembinaan Construction	4.3	4.8	5.1	4.9
5. Perkhidmatan Services	77.3	79.4	67.7	70.2
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	0.7	0.8	0.8	0.5
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	0.3	0.5	0.4	0.7
5.3 Perdagangan borong dan runcit Wholesale and retail trade	14.3	14.9	9.7	11.7
5.4 Pengangkutan dan penyimpanan Transportation and storage	3.1	2.9	4.1	4.4
5.5 Penginapan Accommodation	1.8	1.6	1.5	0.9
5.6 Makanan dan minuman Food and beverage	3.9	3.6	1.3	1.5
5.7 Maklumat dan komunikasi Information and communication	6.8	7.1	9.5	10.2
5.8 Kewangan Finance	14.9	13.3	12.5	12.5
5.9 Hartanah Real estate	2.0	2.1	1.1	1.0
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	9.8	12.1	7.7	7.9
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	2.4	2.1	0.8	1.3
5.12 Pendidikan swasta Private education	10.1	10.3	4.1	4.2
5.13 Kesihatan swasta dan kerja sosial Private health and social work	4.9	6.3	12.7	12.5
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	0.7	0.5	0.6	0.4
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	1.5	1.3	0.7	0.5
Jumlah Total	100	100	100	100

Pekerja bergaji <i>Paid employees</i>								Jumlah pekerja <i>Total employees</i>	
Pekerja sepenuh masa <i>Full-time employees</i>				Pekerja sambilan <i>Part-time employees</i>		Jumlah pekerja bergaji <i>Total paid employees</i>			
Perkeranian dan pekerjaan yang berkaitan <i>Clerical and related occupations</i>		Pekerja asas <i>Elementary occupations</i>							
2015	2022	2015	2022	2015	2022	2015	2022	2015	2022
4.2	2.7	1.2	5.0	1.7	1.1	3.0	2.7	3.3	2.8
3.8	2.3	0.8	4.7	1.4	0.9	2.6	2.3	3.0	2.5
0.2	0.3	0.3	0.2	0.1	0.1	0.2	0.2	0.2	0.2
0.2	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.1
0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0
0.4	0.3	0.6	0.1	0.0	0.0	0.5	0.3	0.4	0.3
34.5	33.0	10.2	10.1	5.7	4.3	26.7	24.6	24.3	22.0
3.8	4.0	2.3	2.0	2.4	1.3	3.1	3.0	2.9	2.8
0.2	0.3	0.2	0.1	0.0	0.0	0.2	0.2	0.2	0.2
2.1	1.3	1.3	0.9	1.5	1.9	1.7	1.1	1.8	1.1
3.6	3.0	2.4	2.1	0.5	0.5	2.9	2.4	2.6	2.2
5.8	6.2	1.2	1.9	0.5	0.2	4.4	4.6	3.9	4.1
3.2	3.1	1.0	1.0	0.3	0.1	2.5	2.4	2.3	2.1
13.4	12.4	1.2	1.6	0.2	0.2	9.9	8.9	8.8	7.8
2.5	2.7	0.6	0.6	0.3	0.1	1.9	1.9	1.7	1.7
4.1	4.8	2.4	1.4	0.4	0.3	3.8	4.1	3.5	3.7
56.9	59.2	85.5	83.4	92.2	94.4	66.1	68.3	68.5	71.2
0.3	0.3	0.1	0.0	0.0	0.0	0.3	0.3	0.3	0.3
0.3	0.4	0.2	0.3	0.0	0.1	0.3	0.4	0.3	0.3
22.8	25.0	20.3	24.5	39.4	48.0	21.3	23.7	22.7	26.0
3.6	3.7	3.9	3.8	0.8	0.8	3.5	3.5	3.3	3.2
1.6	1.5	5.1	4.6	2.9	2.5	2.2	2.1	2.0	2.0
6.8	7.3	35.6	32.4	32.5	27.9	11.7	11.7	14.7	14.5
2.1	2.3	2.6	1.9	0.6	0.7	3.1	3.2	2.8	2.8
5.5	5.2	2.6	2.5	1.1	1.0	6.5	6.1	5.8	5.4
1.1	1.2	0.9	0.7	0.7	0.7	1.2	1.2	1.1	1.1
4.5	3.9	3.5	3.4	2.9	2.1	5.2	5.2	4.8	4.7
1.9	2.1	3.2	3.0	0.8	0.7	2.1	2.2	1.9	2.0
1.3	1.4	2.1	1.7	4.5	4.2	2.9	3.0	2.8	3.3
2.5	2.6	1.4	1.1	2.1	1.6	3.1	3.3	3.0	3.0
0.7	0.6	1.3	1.4	1.1	2.2	0.8	0.8	0.8	0.7
1.6	1.6	2.9	2.2	2.9	1.7	1.8	1.6	2.1	1.9
100	100	100	100	100	100	100	100	100	100

Jenis aktiviti ekonomi Kind of economic activity	Pemilik yang bekerja dan pekerja keluarga tidak bergaji Working proprietors and unpaid family workers	Pekerja bergaji Paid employees
		Pekerja sepenuh masa Full-time employees
	CAGR 2022/2015	Jumlah pekerja sepuh masa Total full-time employees
	CAGR 2022/2015	CAGR 2022/2015
1. Pertanian Agriculture	-1.0	1.0
1.1 Tanaman Crops	-1.2	0.9
1.2 Ternakan Livestock	7.9	5.2
1.3 Perhutanan dan pembalakan Forestry and logging	-2.1	-4.7
1.4 Perikanan Fisheries	0.0	-0.4
2. Perlombongan & pengkuarian Mining & quarrying	1.3	-2.4
3. Pembuatan Manufacturing	1.2	1.4
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	0.7	2.5
3.2 Minuman dan produk tembakau Beverages and tobacco products	-3.8	1.6
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	-0.6	-4.4
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	7.4	0.0
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	13.3	3.4
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	4.0	1.6
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	13.3	1.1
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	4.2	2.7
4. Pembinaan Construction	8.3	3.8
5. Perkhidmatan Services	5.3	3.1
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	-1.0	1.6
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	-11.5	6.0
5.3 Perdagangan borong dan runcit Wholesale and retail trade	7.8	4.1
5.4 Pengangkutan dan penyimpanan Transportation and storage	-0.6	2.7
5.5 Penginapan Accommodation	29.5	1.4
5.6 Makanan dan minuman Food and beverage	3.0	2.8
5.7 Maklumat dan komunikasi Information and communication	5.8	3.0
5.8 Kewangan Finance	6.4	1.7
5.9 Hartanah Real estate	3.0	3.1
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	-3.7	2.6
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	-0.7	3.1
5.12 Pendidikan swasta Private education	19.7	3.1
5.13 Kesihatan swasta dan kerja sosial Private health and social work	-6.0	3.5
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	-4.6	1.3
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	-0.1	1.3
Jumlah Total	4.8	2.6

Pekerja bergaji Paid employees				
Pekerja sepenuh masa Full-time employees				Pekerja sambilan Part-time employees
Pengurus, profesional dan penyelidik Manager, professional and researcher	Juruteknik dan profesional bersekutu Technicians and associate professional	Perkeranian dan pekerjaan yang berkaitan Clerical and related occupations	Pekerja asas Elementary occupations	
CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015
4.1	-2.1	-4.2	27.3	-3.4
4.3	-3.2	-5.1	33.9	-3.0
7.1	10.7	5.6	2.5	9.3
-0.9	-16.7	-4.8	-4.9	-10.2
2.5	17.0	2.8	-100.0	-20.5
2.5	1.2	-1.8	-23.1	-28.8
1.2	0.3	1.3	4.0	-1.3
3.2	0.5	2.6	1.9	-5.6
1.9	3.1	2.9	-8.6	4.1
-3.0	-12.4	-4.6	-1.1	5.8
-1.0	1.2	-0.3	2.1	2.7
3.1	1.0	3.1	10.7	-13.5
1.4	-0.3	1.5	4.3	-10.3
0.8	1.5	0.9	8.1	3.4
0.0	0.1	3.1	3.7	-8.0
5.4	1.0	1.0	-3.2	-3.4
4.1	2.1	2.1	3.7	3.2
5.3	-4.3	0.8	-5.8	-100.0
10.8	9.1	4.3	6.6	17.0
4.3	4.3	3.3	7.0	5.8
2.6	2.5	2.5	3.7	4.3
2.3	-5.2	0.6	2.7	0.9
2.4	2.9	3.0	2.7	0.6
4.5	2.6	2.9	-0.2	7.2
2.0	1.6	1.3	3.3	2.1
4.5	0.4	3.3	0.1	1.2
6.8	1.9	-0.1	3.9	-1.5
2.3	8.1	3.1	3.4	1.6
4.1	1.8	2.6	0.6	2.1
7.3	1.3	2.7	0.9	-1.0
-3.3	-4.6	0.5	5.0	13.4
2.0	-4.9	1.8	0.3	-4.3
3.7	1.6	2.0	4.1	2.8

Jenis aktiviti ekonomi Kind of economic activity		Pekerja bergaji Paid employees	Jumlah pekerja Total employees
		Jumlah pekerja bergaji Total paid employees	
		CAGR 2022/2015	CAGR 2022/2015
1. Pertanian Agriculture		0.9	0.5
1.1	Tanaman Crops	0.8	0.4
1.2	Ternakan Livestock	5.2	5.4
1.3	Perhutanan dan pembalakan Forestry and logging	-4.8	-4.8
1.4	Perikanan Fisheries	-1.4	-1.3
2. Perlombongan & pengkuarian Mining & quarrying		-2.5	-2.5
3. Pembuatan Manufacturing		1.4	1.4
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	2.3	2.3
3.2	Minuman dan produk tembakau Beverages and tobacco products	1.6	1.6
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	-3.9	-3.4
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	0.0	0.1
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	3.4	3.4
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	1.6	1.6
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	1.1	1.1
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	2.6	2.6
4. Pembinaan Construction		3.7	3.9
5. Perkhidmatan Services		3.1	3.4
5.1	Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	1.6	1.6
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	6.1	6.0
5.3	Perdagangan borong dan runcit Wholesale and retail trade	4.2	4.8
5.4	Pengangkutan dan penyimpanan Transportation and storage	2.8	2.6
5.5	Penginapan Accommodation	1.4	2.4
5.6	Makanan dan minuman Food and beverage	2.6	2.7
5.7	Maklumat dan komunikasi Information and communication	3.0	3.0
5.8	Kewangan Finance	1.7	1.7
5.9	Hartanah Real estate	3.1	3.1
5.10	Profesional, saintifik dan teknikal Professional, scientific and technical	2.5	2.3
5.11	Pentadbiran dan khidmat sokongan Administrative and support service	3.1	3.0
5.12	Pendidikan swasta Private education	3.1	5.0
5.13	Kesihatan swasta dan kerja sosial Private health and social work	3.4	3.0
5.14	Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	2.1	1.7
5.15	Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	1.0	0.8
Jumlah Total		2.6	2.8

Jenis aktiviti ekonomi Kind of economic activity		Pekerja sepenuh masa Full-time employees							
		Mahir Skilled		Separuh mahir Semi-skilled		Berkemahiran rendah Low-skilled		Jumlah Total	
		2015	2022	2015	2022	2015	2022	2015	2022
1. Pertanian Agriculture		28.8	28.5	384.9	326.0	27.9	71.7	441.6	426.2
1.1	Tanaman Crops	21.5	21.2	329.2	278.3	19.0	62.3	369.7	361.9
1.2	Ternakan Livestock	2.5	3.4	24.6	25.9	5.5	6.5	32.7	35.8
1.3	Perhutanan dan pembalakan Forestry and logging	3.2	2.2	19.7	10.2	2.1	1.4	25.1	13.7
1.4	Perikanan Fisheries	1.6	1.7	11.4	11.7	1.2	1.4	14.1	14.8
2. Perlombongan & pengkuarian Mining & quarrying		25.2	25.8	45.8	34.6	10.9	4.9	81.9	65.2
3. Pembuatan Manufacturing		367.6	416.8	1,559.6	1,668.2	148.3	209.1	2,075.4	2,294.0
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	32.6	38.3	186.8	205.2	26.2	37.0	245.6	280.6
3.2	Minuman dan produk tembakau Beverages and tobacco products	2.5	3.0	11.4	12.7	2.7	1.4	16.6	17.1
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	12.6	9.5	68.8	54.0	9.8	15.4	91.2	78.8
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	35.6	39.0	218.5	210.1	38.1	47.9	292.2	297.0
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	64.8	80.5	287.7	320.3	21.6	34.3	374.2	435.0
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	50.3	58.2	251.3	243.0	23.5	33.2	325.1	334.4
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	128.3	145.8	381.8	457.5	16.9	24.2	527.1	627.5
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	40.7	42.5	153.2	165.4	9.5	15.7	203.5	223.6
4. Pembinaan Construction		125.0	175.6	1,090.9	929.8	46.1	76.0	1,262.0	1,181.4
5. Perkhidmatan Services		997.4	1,271.0	1,835.6	2,190.1	982.7	1,182.0	3,815.7	4,643.1
5.1	Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	20.1	20.9	22.3	23.1	5.4	6.8	47.8	50.8
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	8.1	15.8	27.5	27.1	12.8	15.7	48.4	58.6
5.3	Perdagangan borong dan runcit Wholesale and retail trade	197.4	260.5	763.7	940.7	326.7	406.8	1,287.8	1,608.0
5.4	Pengangkutan dan penyimpanan Transportation and storage	72.5	86.2	193.2	227.6	93.2	111.2	358.9	425.0
5.5	Penginapan Accommodation	26.3	26.6	49.8	57.6	45.9	51.4	122.0	135.5
5.6	Makanan dan minuman Food and beverage	69.2	84.5	213.0	261.5	287.5	346.5	569.6	692.4
5.7	Maklumat dan komunikasi Information and communication	114.2	144.7	62.7	78.3	23.7	23.7	200.6	246.8
5.8	Kewangan Finance	137.7	168.9	156.0	173.7	22.2	28.0	315.9	370.6
5.9	Hartanah Real estate	33.2	42.9	31.7	39.8	9.2	11.3	74.1	94.0
5.10	Profesional, saintifik dan teknikal Professional, scientific and technical	133.3	171.6	108.9	113.5	42.0	41.8	284.3	326.9
5.11	Pentadbiran dan khidmat sokongan Administrative and support service	33.9	41.3	70.4	84.9	55.2	63.4	159.5	189.6
5.12	Pendidikan swasta Private education	72.8	94.1	30.7	35.7	14.0	14.8	117.4	144.5
5.13	Kesihatan swasta dan kerja sosial Private health and social work	51.1	76.9	46.7	57.5	9.3	9.8	107.2	144.2
5.14	Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	12.3	11.3	20.3	21.7	15.1	28.3	47.7	61.3
5.15	Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	15.3	24.8	38.7	47.4	20.4	22.6	74.5	94.8
Jumlah Total		1,544.0	1,917.7	4,916.8	5,148.8	1,215.8	1,543.5	7,676.6	8,610.0

Nota / Notes:
Kategori pekerja mengikut kemahiran merujuk kepada pekerja sepenuh masa.
Category of persons engaged by skills refer to full-time employees.

Jenis aktiviti ekonomi Kind of economic activity		Pekerja sepenuh masa Full-time employees							
		Mahir Skilled		Separuh mahir Semi-skilled		Berkemahiran rendah Low-skilled		Jumlah Total	
		2015	2022	2015	2022	2015	2022	2015	2022
1. Pertanian Agriculture		1.9	1.5	7.8	6.3	2.3	4.6	5.8	5.0
1.1	Tanaman Crops	1.4	1.1	6.7	5.4	1.6	4.0	4.8	4.2
1.2	Ternakan Livestock	0.2	0.2	0.5	0.5	0.5	0.4	0.4	0.4
1.3	Perhutanan dan pembalakan Forestry and logging	0.2	0.1	0.4	0.2	0.2	0.1	0.3	0.2
1.4	Perikanan Fisheries	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.2
2. Perlombongan & pengkuarian Mining & quarrying		1.6	1.3	0.9	0.7	0.9	0.3	1.1	0.8
3. Pembuatan Manufacturing		23.8	21.7	31.7	32.4	12.2	13.5	27.0	26.6
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	2.1	2.0	3.8	4.0	2.2	2.4	3.2	3.3
3.2	Minuman dan produk tembakau Beverages and tobacco products	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	0.8	0.5	1.4	1.0	0.8	1.0	1.2	0.9
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	2.3	2.0	4.4	4.1	3.1	3.1	3.8	3.4
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	4.2	4.2	5.9	6.2	1.8	2.2	4.9	5.1
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	3.3	3.0	5.1	4.7	1.9	2.2	4.2	3.9
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	8.3	7.6	7.8	8.9	1.4	1.6	6.9	7.3
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	2.6	2.2	3.1	3.2	0.8	1.0	2.7	2.6
4. Pembinaan Construction		8.1	9.2	22.2	18.1	3.8	4.9	16.4	13.7
5. Perkhidmatan Services		64.6	66.3	37.3	42.5	80.8	76.6	49.7	53.9
5.1	Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	1.3	1.1	0.5	0.4	0.4	0.4	0.6	0.6
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	0.5	0.8	0.6	0.5	1.1	1.0	0.6	0.7
5.3	Perdagangan borong dan runcit Wholesale and retail trade	12.8	13.6	15.5	18.3	26.9	26.4	16.8	18.7
5.4	Pengangkutan dan penyimpanan Transportation and storage	4.7	4.5	3.9	4.4	7.7	7.2	4.7	4.9
5.5	Penginapan Accommodation	1.7	1.4	1.0	1.1	3.8	3.3	1.6	1.6
5.6	Makanan dan minuman Food and beverage	4.5	4.4	4.3	5.1	23.6	22.4	7.4	8.0
5.7	Maklumat dan komunikasi Information and communication	7.4	7.5	1.3	1.5	1.9	1.5	2.6	2.9
5.8	Kewangan Finance	8.9	8.8	3.2	3.4	1.8	1.8	4.1	4.3
5.9	Hartanah Real estate	2.1	2.2	0.6	0.8	0.8	0.7	1.0	1.1
5.10	Profesional, saintifik dan teknikal Professional, scientific and technical	8.6	8.9	2.2	2.2	3.5	2.7	3.7	3.8
5.11	Pentadbiran dan khidmat sokongan Administrative and support service	2.2	2.2	1.4	1.6	4.5	4.1	2.1	2.2
5.12	Pendidikan swasta Private education	4.7	4.9	0.6	0.7	1.1	1.0	1.5	1.7
5.13	Kesihatan swasta dan kerja sosial Private health and social work	3.3	4.0	1.0	1.1	0.8	0.6	1.4	1.7
5.14	Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	0.8	0.6	0.4	0.4	1.2	1.8	0.6	0.7
5.15	Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	1.0	1.3	0.8	0.9	1.7	1.5	1.0	1.1
Jumlah Total		100	100	100	100	100	100	100	100

Nota / Notes:
Kategori pekerja mengikut kemahiran merujuk kepada pekerja sepenuh masa.
Category of persons engaged by skills refer to full-time employees.

Jenis aktiviti ekonomi <i>Kind of economic activity</i>		Pekerja sepenuh masa <i>Full-time employees</i>			
		Mahir <i>Skilled</i>	Separuh mahir <i>Semi-skilled</i>	Berkemahiran rendah <i>Low-skilled</i>	Jumlah <i>Total</i>
		CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015
1. Pertanian <i>Agriculture</i>		-0.1	-2.3	14.4	-0.5
1.1 Tanaman <i>Crops</i>		-0.2	-2.4	18.5	-0.3
1.2 Ternakan <i>Livestock</i>		4.6	0.7	2.3	1.3
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>		-5.5	-9.1	-5.6	-8.2
1.4 Perikanan <i>Fisheries</i>		1.3	0.4	2.5	0.7
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>		0.3	-3.9	-10.9	-3.2
3. Pembuatan <i>Manufacturing</i>		1.8	1.0	5.0	1.4
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>		2.3	1.4	5.1	1.9
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>		2.4	1.6	-9.1	0.4
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>		-4.0	-3.4	6.7	-2.1
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>		1.3	-0.6	3.3	0.2
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>		3.1	1.5	6.8	2.2
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>		2.1	-0.5	5.1	0.4
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>		1.8	2.6	5.3	2.5
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>		0.6	1.1	7.3	1.4
4. Pembinaan <i>Construction</i>		5.0	-2.3	7.4	-0.9
5. Perkhidmatan <i>Services</i>		3.5	2.6	2.7	2.8
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>		0.5	0.5	3.4	0.9
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>		10.0	-0.2	3.0	2.8
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>		4.0	3.0	3.2	3.2
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>		2.5	2.4	2.6	2.4
5.5 Penginapan <i>Accommodation</i>		0.2	2.1	1.6	1.5
5.6 Makanan dan minuman <i>Food and beverage</i>		2.9	3.0	2.7	2.8
5.7 Maklumat dan komunikasi <i>Information and communication</i>		3.4	3.2	0.0	3.0
5.8 Kewangan <i>Finance</i>		3.0	1.5	3.4	2.3
5.9 Hartanah <i>Real estate</i>		3.8	3.3	2.9	3.4
5.10 Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>		3.7	0.6	-0.1	2.0
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>		2.9	2.7	2.0	2.5
5.12 Pendidikan swasta <i>Private education</i>		3.7	2.2	0.8	3.0
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>		6.0	3.0	0.7	4.3
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>		-1.2	1.0	9.4	3.6
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>		7.1	2.9	1.4	3.5
Jumlah <i>Total</i>		3.1	0.7	3.5	1.7

Nota / Notes:

Kategori pekerja mengikut kemahiran merujuk kepada pekerja sepenuh masa.
Category of persons engaged by skills refer to full-time employees.

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Pekerja sepenuh masa <i>Full-time employees</i>							
	Mahir <i>Skilled</i>		Separuh mahir <i>Semi-skilled</i>		Berkemahiran rendah <i>Low-skilled</i>		Jumlah <i>Total</i>	
	2015	2022	2015	2022	2015	2022	2015	2022
1. Pertanian <i>Agriculture</i>	25.5	24.4	318.6	276.8	23.0	45.0	367.0	346.3
1.1 Tanaman <i>Crops</i>	19.2	18.4	269.6	237.1	15.8	37.2	304.6	292.6
1.2 Ternakan <i>Livestock</i>	2.1	2.7	21.2	20.8	4.5	5.3	27.8	28.8
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	2.8	1.8	17.4	8.5	1.8	1.2	21.9	11.5
1.4 Perikanan <i>Fisheries</i>	1.4	1.5	10.4	10.6	0.9	1.4	12.7	13.5
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>	20.8	20.5	40.3	29.8	8.4	4.5	69.4	54.7
3. Pembuatan <i>Manufacturing</i>	278.3	321.5	1,019.2	1,076.3	107.3	155.3	1,404.7	1,553.0
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	24.9	29.1	127.4	134.1	17.0	26.5	169.2	189.7
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	1.9	2.2	7.6	8.1	2.0	1.0	11.5	11.4
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	8.1	6.9	36.5	30.7	4.4	10.4	49.1	48.0
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	28.2	31.8	162.7	155.4	28.6	36.9	219.5	224.1
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	49.3	61.9	197.3	208.6	16.7	24.4	263.3	295.0
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	40.6	47.8	200.9	187.1	19.4	27.8	261.0	262.7
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	92.3	106.9	172.4	235.0	12.0	15.7	276.7	357.5
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	33.1	34.9	114.3	117.3	7.1	12.5	154.5	164.7
4. Pembinaan <i>Construction</i>	103.9	147.3	1,026.9	843.1	36.4	68.2	1,167.2	1,058.6
5. Perkhidmatan <i>Services</i>	644.0	815.9	944.6	1,127.7	639.6	738.5	2,228.2	2,682.1
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	16.6	16.5	17.6	18.1	5.0	6.5	39.2	41.2
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	6.4	12.5	22.4	20.2	11.9	14.4	40.7	47.1
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	135.2	177.1	405.6	491.6	245.3	276.4	786.1	945.1
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	56.5	67.1	137.0	160.7	77.7	91.3	271.2	319.0
5.5 Penginapan <i>Accommodation</i>	18.1	17.9	24.1	30.8	25.7	27.0	67.9	75.7
5.6 Makanan dan minuman <i>Food and beverage</i>	53.7	66.2	106.3	130.7	144.6	174.3	304.6	371.2
5.7 Maklumat dan komunikasi <i>Information and communication</i>	79.1	98.9	29.1	37.3	13.2	13.4	121.4	149.6
5.8 Kewangan <i>Finance</i>	70.3	91.9	70.0	79.8	11.9	15.0	152.2	186.7
5.9 Hartanah <i>Real estate</i>	24.8	32.0	14.0	17.4	5.7	7.7	44.5	57.2
5.10 Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	89.4	106.0	37.7	42.6	28.1	23.7	155.2	172.3
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	24.6	29.9	39.9	47.2	42.5	47.4	106.9	124.4
5.12 Pendidikan swasta <i>Private education</i>	32.2	41.3	9.8	10.6	5.4	5.9	47.4	57.8
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	18.8	31.8	7.8	10.6	3.9	4.0	30.5	46.4
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	9.0	8.7	9.6	10.7	9.7	20.7	28.3	40.1
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	9.3	18.1	13.9	19.2	9.0	10.9	32.1	48.2
Jumlah <i>Total</i>	1,072.4	1,329.6	3,349.6	3,353.7	814.6	1,011.5	5,236.6	5,694.8

Nota / Notes:
Kategori pekerja mengikut kemahiran merujuk kepada pekerja sepenuh masa.
Category of persons engaged by skills refer to full-time employees.

Jenis aktiviti ekonomi Kind of economic activity		Pekerja sepenuh masa Full-time employees							
		Mahir Skilled		Separuh mahir Semi-skilled		Berkemahiran rendah Low-skilled		Jumlah Total	
		2015	2022	2015	2022	2015	2022	2015	2022
1. Pertanian <i>Agriculture</i>		2.4	1.8	9.5	8.3	2.8	4.5	7.0	6.1
1.1	Tanaman <i>Crops</i>	1.8	1.4	8.0	7.1	1.9	3.7	5.8	5.1
1.2	Ternakan <i>Livestock</i>	0.2	0.2	0.6	0.6	0.6	0.5	0.5	0.5
1.3	Perhutanan dan pembalakan <i>Forestry and logging</i>	0.3	0.1	0.5	0.3	0.2	0.1	0.4	0.2
1.4	Perikanan <i>Fisheries</i>	0.1	0.1	0.3	0.3	0.1	0.1	0.2	0.2
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>		1.9	1.5	1.2	0.9	1.0	0.4	1.3	1.0
3. Pembuatan <i>Manufacturing</i>		26.0	24.2	30.4	32.1	13.2	15.3	26.8	27.3
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	2.3	2.2	3.8	4.0	2.1	2.6	3.2	3.3
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	0.8	0.5	1.1	0.9	0.5	1.0	0.9	0.8
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	2.6	2.4	4.9	4.6	3.5	3.6	4.2	3.9
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	4.6	4.7	5.9	6.2	2.1	2.4	5.0	5.2
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	3.8	3.6	6.0	5.6	2.4	2.8	5.0	4.6
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	8.6	8.0	5.1	7.0	1.5	1.5	5.3	6.3
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	3.1	2.6	3.4	3.5	0.9	1.2	3.0	2.9
4. Pembinaan <i>Construction</i>		9.7	11.1	30.7	25.1	4.5	6.7	22.3	18.6
5. Perkhidmatan <i>Services</i>		60.1	61.4	28.2	33.6	78.5	73.0	42.6	47.1
5.1	Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	1.5	1.2	0.5	0.5	0.6	0.6	0.7	0.7
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	0.6	0.9	0.7	0.6	1.5	1.4	0.8	0.8
5.3	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	12.6	13.3	12.1	14.7	30.1	27.3	15.0	16.6
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	5.3	5.0	4.1	4.8	9.5	9.0	5.2	5.6
5.5	Penginapan <i>Accommodation</i>	1.7	1.3	0.7	0.9	3.2	2.7	1.3	1.3
5.6	Makanan dan minuman <i>Food and beverage</i>	5.0	5.0	3.2	3.9	17.7	17.2	5.8	6.5
5.7	Maklumat dan komunikasi <i>Information and communication</i>	7.4	7.4	0.9	1.1	1.6	1.3	2.3	2.6
5.8	Kewangan <i>Finance</i>	6.6	6.9	2.1	2.4	1.5	1.5	2.9	3.3
5.9	Hartanah <i>Real estate</i>	2.3	2.4	0.4	0.5	0.7	0.8	0.8	1.0
5.10	Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	8.3	8.0	1.1	1.3	3.5	2.3	3.0	3.0
5.11	Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	2.3	2.2	1.2	1.4	5.2	4.7	2.0	2.2
5.12	Pendidikan swasta <i>Private education</i>	3.0	3.1	0.3	0.3	0.7	0.6	0.9	1.0
5.13	Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	1.8	2.4	0.2	0.3	0.5	0.4	0.6	0.8
5.14	Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	0.8	0.7	0.3	0.3	1.2	2.0	0.5	0.7
5.15	Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	0.9	1.4	0.4	0.6	1.1	1.1	0.6	0.8
Jumlah <i>Total</i>		100	100	100	100	100	100	100	100

Nota / Notes:
Kategori pekerja mengikut kemahiran merujuk kepada pekerja sepenuh masa.
Category of persons engaged by skills refer to full-time employees.

Jenis aktiviti ekonomi Kind of economic activity	Pekerja sepenuh masa Full-time employees			
	Mahir Skilled	Separuh mahir Semi-skilled	Berkemahiran rendah Low-skilled	Jumlah Total
	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015
1. Pertanian Agriculture	-0.6	-2.0	10.1	-0.8
1.1 Tanaman Crops	-0.7	-1.8	13.0	-0.6
1.2 Ternakan Livestock	4.0	-0.3	2.2	0.5
1.3 Perhutanan dan pembalakan Forestry and logging	-5.7	-9.8	-5.8	-8.8
1.4 Perikanan Fisheries	0.8	0.2	6.9	0.8
2. Perlombongan & pengkuarian Mining & quarrying	-0.2	-4.2	-8.6	-3.3
3. Pembuatan Manufacturing	2.1	0.8	5.4	1.4
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	2.3	0.7	6.6	1.6
3.2 Minuman dan produk tembakau Beverages and tobacco products	2.5	0.9	-9.3	-0.2
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	-2.3	-2.5	13.0	-0.3
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	1.7	-0.6	3.7	0.3
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	3.3	0.8	5.5	1.6
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	2.4	-1.0	5.3	0.1
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	2.1	4.5	3.9	3.7
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	0.8	0.4	8.4	0.9
4. Pembinaan Construction	5.1	-2.8	9.4	-1.4
5. Perkhidmatan Services	3.4	2.6	2.1	2.7
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	-0.1	0.5	3.9	0.7
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	9.9	-1.4	2.7	2.1
5.3 Perdagangan borong dan runcit Wholesale and retail trade	3.9	2.8	1.7	2.7
5.4 Pengangkutan dan penyimpanan Transportation and storage	2.5	2.3	2.3	2.3
5.5 Penginapan Accommodation	-0.2	3.6	0.7	1.6
5.6 Makanan dan minuman Food and beverage	3.0	3.0	2.7	2.9
5.7 Maklumat dan komunikasi Information and communication	3.2	3.6	0.2	3.0
5.8 Kewangan Finance	3.9	1.9	3.4	3.0
5.9 Hartanah Real estate	3.7	3.2	4.4	3.7
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	2.5	1.8	-2.4	1.5
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	2.8	2.4	1.6	2.2
5.12 Pendidikan swasta Private education	3.6	1.2	1.1	2.9
5.13 Kesihatan swasta dan kerja sosial Private health and social work	7.8	4.5	0.4	6.2
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	-0.4	1.5	11.4	5.1
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	10.1	4.8	2.8	6.0
Jumlah Total	3.1	0.0	3.1	1.2

Nota / Notes:
Kategori pekerja mengikut kemahiran merujuk kepada pekerja sepenuh masa.
Category of persons engaged by skills refer to full-time employees.

Jenis aktiviti ekonomi <i>Kind of economic activity</i>		Pekerja sepenuh masa <i>Full-time employees</i>							
		Mahir <i>Skilled</i>		Separuh mahir <i>Semi-skilled</i>		Berkemahiran rendah <i>Low-skilled</i>		Jumlah <i>Total</i>	
		2015	2022	2015	2022	2015	2022	2015	2022
1. Pertanian <i>Agriculture</i>		3.3	4.1	66.3	49.2	4.9	26.6	74.6	79.9
1.1	Tanaman <i>Crops</i>	2.3	2.8	59.5	41.3	3.3	25.2	65.1	69.3
1.2	Ternakan <i>Livestock</i>	0.4	0.7	3.5	5.1	1.0	1.2	4.9	7.0
1.3	Perhutanan dan pembalakan <i>Forestry and logging</i>	0.5	0.3	2.4	1.7	0.3	0.2	3.2	2.3
1.4	Perikanan <i>Fisheries</i>	0.2	0.2	0.9	1.1	0.3	-	1.4	1.4
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>		4.5	5.3	5.5	4.8	2.5	0.4	12.4	10.5
3. Pembuatan <i>Manufacturing</i>		89.3	95.3	540.4	591.9	41.0	53.8	670.7	741.0
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	7.8	9.2	59.4	71.1	9.2	10.5	76.3	90.9
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	0.7	0.8	3.8	4.6	0.7	0.4	5.1	5.7
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	4.5	2.6	32.3	23.3	5.3	4.9	42.2	30.9
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	7.4	7.2	55.8	54.6	9.5	11.0	72.7	72.9
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	15.6	18.5	90.4	111.7	4.8	9.9	110.8	140.0
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	9.7	10.4	50.4	55.9	4.0	5.4	64.1	71.7
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	36.1	39.0	209.4	222.5	4.9	8.5	250.4	270.0
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	7.6	7.6	38.9	48.1	2.5	3.2	49.0	58.9
4. Pembinaan <i>Construction</i>		21.1	28.3	64.0	86.7	9.7	7.7	94.8	122.8
5. Perkhidmatan <i>Services</i>		353.4	455.1	891.0	1,062.5	343.1	443.5	1,587.5	1,961.1
5.1	Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	3.5	4.4	4.7	5.0	0.4	0.2	8.6	9.6
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	1.7	3.3	5.1	6.9	0.9	1.4	7.7	11.6
5.3	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	62.2	83.4	358.0	449.1	81.4	130.4	501.7	662.9
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	16.0	19.1	56.2	66.9	15.5	20.0	87.7	106.0
5.5	Penginapan <i>Accommodation</i>	8.1	8.7	25.7	26.8	20.3	24.4	54.1	59.8
5.6	Makanan dan minuman <i>Food and beverage</i>	15.5	18.3	106.6	130.7	142.9	172.2	265.0	321.2
5.7	Maklumat dan komunikasi <i>Information and communication</i>	35.1	45.8	33.7	41.0	10.4	10.3	79.2	97.1
5.8	Kewangan <i>Finance</i>	67.4	77.0	86.0	93.9	10.4	13.1	163.7	183.9
5.9	Hartanah <i>Real estate</i>	8.3	10.9	17.8	22.3	3.6	3.6	29.7	36.8
5.10	Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	44.0	65.6	71.3	70.9	13.9	18.2	129.1	154.7
5.11	Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	9.4	11.5	30.5	37.7	12.7	16.0	52.5	65.2
5.12	Pendidikan swasta <i>Private education</i>	40.5	52.8	20.9	25.0	8.5	8.9	70.0	86.8
5.13	Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	32.4	45.1	39.0	47.0	5.4	5.7	76.7	97.8
5.14	Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	3.3	2.6	10.7	11.0	5.4	7.6	19.4	21.2
5.15	Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	6.1	6.7	24.9	28.2	11.5	11.7	42.4	46.5
Jumlah <i>Total</i>		471.6	588.0	1,567.2	1,795.1	401.2	532.1	2,440.0	2,915.2

Nota / Notes:
Kategori pekerja mengikut kemahiran merujuk kepada pekerja sepenuh masa.
Category of persons engaged by skills refer to full-time employees.

Jenis aktiviti ekonomi Kind of economic activity		Pekerja sepenuh masa Full-time employees							
		Mahir Skilled		Separuh mahir Semi-skilled		Berkemahiran rendah Low-skilled		Jumlah Total	
		2015	2022	2015	2022	2015	2022	2015	2022
1. Pertanian Agriculture		0.7	0.7	4.2	2.7	1.2	5.0	3.1	2.7
1.1	Tanaman Crops	0.5	0.5	3.8	2.3	0.8	4.7	2.7	2.4
1.2	Ternakan Livestock	0.1	0.1	0.2	0.3	0.3	0.2	0.2	0.2
1.3	Perhutanan dan pembalakan Forestry and logging	0.1	0.1	0.2	0.1	0.1	0.0	0.1	0.1
1.4	Perikanan Fisheries	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.0
2. Perlombongan & pengkuarian Mining & quarrying		0.9	0.9	0.4	0.3	0.6	0.1	0.5	0.4
3. Pembuatan Manufacturing		18.9	16.2	34.5	33.0	10.2	10.1	27.5	25.4
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	1.6	1.6	3.8	4.0	2.3	2.0	3.1	3.1
3.2	Minuman dan produk tembakau Beverages and tobacco products	0.1	0.1	0.2	0.3	0.2	0.1	0.2	0.2
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	1.0	0.4	2.1	1.3	1.3	0.9	1.7	1.1
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	1.6	1.2	3.6	3.0	2.4	2.1	3.0	2.5
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	3.3	3.1	5.8	6.2	1.2	1.9	4.5	4.8
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	2.1	1.8	3.2	3.1	1.0	1.0	2.6	2.5
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	7.6	6.6	13.4	12.4	1.2	1.6	10.3	9.3
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	1.6	1.3	2.5	2.7	0.6	0.6	2.0	2.0
4. Pembinaan Construction		4.5	4.8	4.1	4.8	2.4	1.4	3.9	4.2
5. Perkhidmatan Services		74.9	77.4	56.9	59.2	85.5	83.4	65.1	67.3
5.1	Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	0.8	0.8	0.3	0.3	0.1	0.0	0.4	0.3
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	0.4	0.6	0.3	0.4	0.2	0.3	0.3	0.4
5.3	Perdagangan borong dan runcit Wholesale and retail trade	13.2	14.2	22.8	25.0	20.3	24.5	20.6	22.7
5.4	Pengangkutan dan penyimpanan Transportation and storage	3.4	3.3	3.6	3.7	3.9	3.8	3.6	3.6
5.5	Penginapan Accommodation	1.7	1.5	1.6	1.5	5.1	4.6	2.2	2.1
5.6	Makanan dan minuman Food and beverage	3.3	3.1	6.8	7.3	35.6	32.4	10.9	11.0
5.7	Maklumat dan komunikasi Information and communication	7.4	7.8	2.1	2.3	2.6	1.9	3.2	3.3
5.8	Kewangan Finance	14.3	13.1	5.5	5.2	2.6	2.5	6.7	6.3
5.9	Hartanah Real estate	1.8	1.9	1.1	1.2	0.9	0.7	1.2	1.3
5.10	Profesional, saintifik dan teknikal Professional, scientific and technical	9.3	11.2	4.5	3.9	3.5	3.4	5.3	5.3
5.11	Pentadbiran dan khidmat sokongan Administrative and support service	2.0	2.0	1.9	2.1	3.2	3.0	2.2	2.2
5.12	Pendidikan swasta Private education	8.6	9.0	1.3	1.4	2.1	1.7	2.9	3.0
5.13	Kesihatan swasta dan kerja sosial Private health and social work	6.9	7.7	2.5	2.6	1.4	1.1	3.1	3.4
5.14	Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	0.7	0.4	0.7	0.6	1.3	1.4	0.8	0.7
5.15	Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	1.3	1.1	1.6	1.6	2.9	2.2	1.7	1.6
Jumlah Total		100	100	100	100	100	100	100	100

Nota / Notes:

Kategori pekerja mengikut kemahiran merujuk kepada pekerja sepenuh masa.
Category of persons engaged by skills refer to full-time employees.

Jenis aktiviti ekonomi Kind of economic activity		Pekerja sepenuh masa Full-time employees			
		Mahir Skilled	Separuh mahir Semi-skilled	Berkemahiran rendah Low-skilled	Jumlah Total
		CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015
1.	Pertanian Agriculture	3.0	-4.2	27.3	1.0
1.1	Tanaman Crops	3.1	-5.1	33.9	0.9
1.2	Ternakan Livestock	7.6	5.6	2.5	5.2
1.3	Perhutanan dan pembalakan Forestry and logging	-4.2	-4.8	-4.9	-4.7
1.4	Perikanan Fisheries	5.2	2.8	-100.0	-0.4
2.	Perlombongan & pengkuarian Mining & quarrying	2.3	-1.8	-23.1	-2.4
3.	Pembuatan Manufacturing	0.9	1.3	4.0	1.4
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	2.5	2.6	1.9	2.5
3.2	Minuman dan produk tembakau Beverages and tobacco products	2.2	2.9	-8.6	1.6
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	-7.4	-4.6	-1.1	-4.4
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	-0.4	-0.3	2.1	0.0
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	2.5	3.1	10.7	3.4
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	1.0	1.5	4.3	1.6
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	1.1	0.9	8.1	1.1
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	0.0	3.1	3.7	2.7
4.	Pembinaan Construction	4.3	4.4	-3.2	3.8
5.	Perkhidmatan Services	3.7	2.5	3.7	3.1
5.1	Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	3.2	0.8	-5.8	1.6
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	10.4	4.3	6.6	6.0
5.3	Perdagangan borong dan runcit Wholesale and retail trade	4.3	3.3	7.0	4.1
5.4	Pengangkutan dan penyimpanan Transportation and storage	2.6	2.5	3.7	2.7
5.5	Penginapan Accommodation	0.9	0.6	2.7	1.4
5.6	Makanan dan minuman Food and beverage	2.4	3.0	2.7	2.8
5.7	Maklumat dan komunikasi Information and communication	3.9	2.9	-0.2	3.0
5.8	Kewangan Finance	1.9	1.3	3.3	1.7
5.9	Hartanah Real estate	3.9	3.3	0.1	3.1
5.10	Profesional, saintifik dan teknikal Professional, scientific and technical	5.9	-0.1	3.9	2.6
5.11	Pentadbiran dan khidmat sokongan Administrative and support service	3.0	3.1	3.4	3.1
5.12	Pendidikan swasta Private education	3.8	2.6	0.6	3.1
5.13	Kesihatan swasta dan kerja sosial Private health and social work	4.8	2.7	0.9	3.5
5.14	Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	-3.6	0.5	5.0	1.3
5.15	Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	1.3	1.8	0.3	1.3
Jumlah Total		3.2	2.0	4.1	2.6

Nota / Notes:

Kategori pekerja mengikut kemahiran merujuk kepada pekerja sepenuh masa.
Category of persons engaged by skills refer to full-time employees.

Jenis aktiviti ekonomi <i>Kind of economic activity</i>		Jumlah <i>Total</i>	Pascasiswazah <i>Postgraduate</i>
1. Pertanian <i>Agriculture</i>		518.1	0.8
1.1	Tanaman <i>Crops</i>	449.3	0.6
1.2	Ternakan <i>Livestock</i>	38.2	0.1
1.3	Perhutanan dan pembalakan <i>Forestry and logging</i>	14.6	0.1
1.4	Perikanan <i>Fisheries</i>	16.1	0.1
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>		65.6	2.2
3. Pembuatan <i>Manufacturing</i>		2,346.3	13.7
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	292.1	1.2
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	17.4	0.1
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	91.1	0.4
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	306.3	1.1
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	437.6	2.5
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	342.7	1.8
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	629.9	4.5
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	229.2	2.1
4. Pembinaan <i>Construction</i>		1,242.4	8.6
5. Perkhidmatan <i>Services</i>		5,831.9	103.4
5.1	Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	50.9	1.1
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	59.5	0.5
5.3	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	2,171.5	13.1
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	475.8	3.9
5.5	Penginapan <i>Accommodation</i>	157.5	2.4
5.6	Makanan dan minuman <i>Food and beverage</i>	1,079.8	2.1
5.7	Maklumat dan komunikasi <i>Information and communication</i>	250.5	10.1
5.8	Kewangan <i>Finance</i>	375.8	12.3
5.9	Hartanah <i>Real estate</i>	97.3	8.8
5.10	Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	359.4	15.8
5.11	Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	204.2	3.4
5.12	Pendidikan swasta <i>Private education</i>	186.4	18.5
5.13	Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	156.2	9.6
5.14	Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	71.0	0.5
5.15	Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	136.0	1.2
Jumlah <i>Total</i>		10,004.3	128.8

Ijazah Sarjana Muda/ Diploma Lanjutan atau setaraf <i>Bachelor/ Advanced Diploma or equivalent</i>	Diploma <i>Diploma</i>	STPM atau setaraf <i>STPM or equivalent</i>	Sijil <i>Certificate</i>	SPM/ SPM (V) atau setaraf <i>SPM/ SPM (V) or equivalent</i>	Di bawah SPM <i>Below SPM</i>
13.4	17.9	8.5	13.8	419.6	44.2
9.9	13.3	6.6	10.3	390.5	18.1
1.8	2.6	1.1	1.9	16.0	14.7
0.9	1.0	0.4	0.8	5.9	5.4
0.7	0.9	0.4	0.8	7.2	6.0
12.6	12.5	2.5	6.3	19.3	10.4
190.5	289.6	48.3	124.9	1,144.1	535.1
19.5	28.7	8.0	11.5	150.5	72.6
1.3	2.1	0.4	0.7	9.3	3.5
5.1	8.8	2.1	7.1	45.8	21.9
19.2	31.0	8.0	17.2	138.4	91.3
41.1	52.6	8.0	23.9	200.7	108.8
27.4	43.0	8.0	21.9	163.5	77.1
56.9	91.3	9.1	22.1	323.5	122.6
20.0	32.2	4.7	20.6	112.3	37.2
124.1	148.7	42.1	136.1	459.6	323.2
778.5	937.5	372.8	434.5	2,580.4	624.7
9.9	10.2	1.0	6.7	17.5	4.5
7.4	9.6	1.3	6.7	26.9	7.3
186.1	309.5	150.9	85.2	1,161.8	264.9
42.9	56.8	21.7	52.8	238.9	58.8
14.6	25.1	9.7	11.7	72.3	21.7
38.0	79.8	55.8	93.7	619.8	190.7
81.8	55.7	12.3	20.5	63.5	6.6
103.1	124.2	26.6	25.5	76.0	8.0
22.5	27.0	15.4	4.8	17.2	1.5
118.7	82.9	24.6	33.9	73.3	10.3
28.5	29.7	16.2	22.3	78.0	26.0
64.7	42.2	12.0	12.0	32.6	4.4
34.2	39.7	8.2	26.2	34.9	3.4
8.3	12.2	6.5	6.4	29.9	7.3
17.9	33.0	10.6	26.1	37.8	9.4
1,119.0	1,406.2	474.2	715.5	4,622.9	1,537.6

Jenis aktiviti ekonomi <i>Kind of economic activity</i>		Jumlah <i>Total</i>	Pascasiswazah <i>Postgraduate</i>
1. Pertanian <i>Agriculture</i>		5.2	0.6
1.1 Tanaman <i>Crops</i>		4.5	0.5
1.2 Ternakan <i>Livestock</i>		0.4	0.1
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>		0.1	0.0
1.4 Perikanan <i>Fisheries</i>		0.2	0.0
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>		0.7	1.7
3. Pembuatan <i>Manufacturing</i>		23.5	10.6
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>		2.9	1.0
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>		0.2	0.1
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>		0.9	0.3
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>		3.1	0.8
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>		4.4	2.0
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>		3.4	1.4
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>		6.3	3.5
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>		2.3	1.6
4. Pembinaan <i>Construction</i>		12.4	6.7
5. Perkhidmatan <i>Services</i>		58.3	80.3
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>		0.5	0.9
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>		0.6	0.4
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>		21.7	10.2
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>		4.8	3.0
5.5 Penginapan <i>Accommodation</i>		1.6	1.9
5.6 Makanan dan minuman <i>Food and beverage</i>		10.8	1.6
5.7 Maklumat dan komunikasi <i>Information and communication</i>		2.5	7.8
5.8 Kewangan <i>Finance</i>		3.8	9.5
5.9 Hartanah <i>Real estate</i>		1.0	6.9
5.10 Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>		3.6	12.2
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>		2.0	2.7
5.12 Pendidikan swasta <i>Private education</i>		1.9	14.4
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>		1.6	7.4
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>		0.7	0.4
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>		1.4	1.0
Jumlah <i>Total</i>		100	100

Ijazah Sarjana Muda/ Diploma Lanjutan atau setaraf Bachelor/ Advanced Diploma or equivalent	Diploma Diploma	STPM atau setaraf STPM or equivalent	Sijil Certificate	SPM/ SPM (V) atau setaraf SPM/ SPM (V) or equivalent	Di bawah SPM Below SPM
1.2	1.3	1.8	1.9	9.1	2.9
0.9	0.9	1.4	1.4	8.4	1.2
0.2	0.2	0.2	0.3	0.3	1.0
0.1	0.1	0.1	0.1	0.1	0.4
0.1	0.1	0.1	0.1	0.2	0.4
1.1	0.9	0.5	0.9	0.4	0.7
17.0	20.6	10.2	17.5	24.7	34.8
1.7	2.0	1.7	1.6	3.3	4.7
0.1	0.2	0.1	0.1	0.2	0.2
0.5	0.6	0.4	1.0	1.0	1.4
1.7	2.2	1.7	2.4	3.0	5.9
3.7	3.7	1.7	3.3	4.3	7.1
2.4	3.1	1.7	3.1	3.5	5.0
5.1	6.5	1.9	3.1	7.0	8.0
1.8	2.3	1.0	2.9	2.4	2.4
11.1	10.6	8.9	19.0	9.9	21.0
69.6	66.7	78.6	60.7	55.8	40.6
0.9	0.7	0.2	0.9	0.4	0.3
0.7	0.7	0.3	0.9	0.6	0.5
16.6	22.0	31.8	11.9	25.1	17.2
3.8	4.0	4.6	7.4	5.2	3.8
1.3	1.8	2.0	1.6	1.6	1.4
3.4	5.7	11.8	13.1	13.4	12.4
7.3	4.0	2.6	2.9	1.4	0.4
9.2	8.8	5.6	3.6	1.6	0.5
2.0	1.9	3.2	0.7	0.4	0.1
10.6	5.9	5.2	4.7	1.6	0.7
2.5	2.1	3.4	3.1	1.7	1.7
5.8	3.0	2.5	1.7	0.7	0.3
3.1	2.8	1.7	3.7	0.8	0.2
0.7	0.9	1.4	0.9	0.6	0.5
1.6	2.3	2.2	3.6	0.8	0.6
100	100	100	100	100	100

Jenis aktiviti ekonomi Kind of economic activity		Jumlah Total	Pascasiswazah Postgraduate
1. Pertanian Agriculture		419.8	0.7
1.1	Tanaman Crops	362.4	0.5
1.2	Ternakan Livestock	30.7	0.1
1.3	Perhutanan dan pembalakan Forestry and logging	12.2	0.0
1.4	Perikanan Fisheries	14.6	0.0
2. Perlombongan & pengkuarian Mining & quarrying		55.1	1.6
3. Pembuatan Manufacturing		1,587.0	9.0
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	195.7	0.8
3.2	Minuman dan produk tembakau Beverages and tobacco products	11.6	0.1
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	52.0	0.2
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	231.6	0.8
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	297.0	1.7
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	270.1	1.2
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	359.5	2.9
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	169.6	1.3
4. Pembinaan Construction		1,114.6	6.6
5. Perkhidmatan Services		3,375.8	59.9
5.1	Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	41.2	0.7
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	47.9	0.2
5.3	Perdagangan borong dan runcit Wholesale and retail trade	1,273.4	9.3
5.4	Pengangkutan dan penyimpanan Transportation and storage	364.9	3.0
5.5	Penginapan Accommodation	89.1	1.3
5.6	Makanan dan minuman Food and beverage	577.8	1.1
5.7	Maklumat dan komunikasi Information and communication	152.4	6.2
5.8	Kewangan Finance	190.3	6.2
5.9	Hartanah Real estate	59.4	5.8
5.10	Profesional, saintifik dan teknikal Professional, scientific and technical	198.0	8.0
5.11	Pentadbiran dan khidmat sokongan Administrative and support service	136.4	2.6
5.12	Pendidikan swasta Private education	73.8	10.4
5.13	Kesihatan swasta dan kerja sosial Private health and social work	53.2	4.1
5.14	Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	46.1	0.4
5.15	Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	72.0	0.7
Jumlah Total		6,552.4	77.9

Ijazah Sarjana Muda/ Diploma Lanjutan atau setaraf <i>Bachelor/ Advanced Diploma or equivalent</i>	Diploma <i>Diploma</i>	STPM atau setaraf <i>STPM or equivalent</i>	Sijil <i>Certificate</i>	SPM/ SPM (V) atau setaraf <i>SPM/ SPM (V) or equivalent</i>	Di bawah SPM <i>Below SPM</i>
10.5	12.1	5.2	11.9	342.2	37.3
8.0	9.1	4.0	8.8	317.9	14.0
1.3	1.6	0.6	1.7	12.8	12.6
0.6	0.7	0.3	0.8	5.0	4.9
0.6	0.7	0.3	0.7	6.5	5.9
9.2	9.8	1.8	5.8	16.8	10.1
131.7	183.8	27.1	99.3	756.6	379.4
12.9	16.4	4.1	7.9	100.3	53.4
0.8	1.3	0.2	0.6	6.1	2.5
3.5	4.7	0.9	3.9	25.0	13.9
14.2	18.7	4.8	14.0	105.7	73.4
28.6	33.2	4.3	18.5	134.6	76.1
20.0	27.6	5.2	19.4	131.4	65.2
37.1	60.5	4.6	16.7	170.6	67.2
14.6	21.5	2.9	18.4	83.1	27.8
97.7	99.5	32.0	130.8	431.6	316.5
461.1	514.3	181.9	268.4	1,518.6	379.5
6.6	8.5	0.6	6.3	14.2	4.3
4.3	6.5	0.7	6.2	23.2	6.7
120.7	174.8	78.1	70.4	665.4	154.8
30.2	38.9	13.2	38.3	189.0	52.3
8.5	13.5	5.2	6.7	39.8	14.1
18.4	40.9	24.5	42.8	358.7	99.2
53.2	35.8	7.3	12.6	34.8	2.5
54.5	62.0	12.2	12.8	38.1	4.6
16.7	17.8	3.7	4.1	10.1	1.1
70.0	41.5	13.6	23.1	35.1	6.6
19.4	17.0	7.4	15.5	54.4	20.2
26.7	15.3	3.9	5.1	10.4	2.0
15.0	15.4	1.8	8.1	8.0	0.9
5.4	7.9	4.2	4.1	19.4	4.7
11.6	18.4	5.5	12.1	18.1	5.5
710.3	819.5	247.9	516.2	3,065.8	1,122.8

Jenis aktiviti ekonomi <i>Kind of economic activity</i>		Jumlah <i>Total</i>	Pascasiswazah <i>Postgraduate</i>
1. Pertanian <i>Agriculture</i>		6.4	0.8
1.1 Tanaman <i>Crops</i>		5.5	0.7
1.2 Ternakan <i>Livestock</i>		0.5	0.1
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>		0.2	0.0
1.4 Perikanan <i>Fisheries</i>		0.2	0.1
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>		0.8	2.1
3. Pembuatan <i>Manufacturing</i>		24.2	11.6
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>		3.0	1.0
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>		0.2	0.1
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>		0.8	0.3
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>		3.5	1.0
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>		4.5	2.2
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>		4.1	1.5
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>		5.5	3.8
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>		2.6	1.7
4. Pembinaan <i>Construction</i>		17.0	8.4
5. Perkhidmatan <i>Services</i>		51.5	77.0
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>		0.6	1.0
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>		0.7	0.3
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>		19.4	11.9
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>		5.6	3.8
5.5 Penginapan <i>Accommodation</i>		1.4	1.7
5.6 Makanan dan minuman <i>Food and beverage</i>		8.8	1.5
5.7 Maklumat dan komunikasi <i>Information and communication</i>		2.3	8.0
5.8 Kewangan <i>Finance</i>		2.9	7.9
5.9 Hartanah <i>Real estate</i>		0.9	7.5
5.10 Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>		3.0	10.3
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>		2.1	3.3
5.12 Pendidikan swasta <i>Private education</i>		1.1	13.4
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>		0.8	5.2
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>		0.7	0.5
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>		1.1	0.9
Jumlah <i>Total</i>		100	100

JADUAL 7.1b Peratus sumbangan bilangan pekerja lelaki mengikut aktiviti ekonomi dan kelulusan, 2022 (samb.)
Percentage share of number of male employees by economic activity and qualification, 2022 (cont.)

(%)

Ijazah Sarjana Muda/ Diploma Lanjutan atau setaraf <i>Bachelor/ Advanced Diploma or equivalent</i>	Diploma <i>Diploma</i>	STPM atau setaraf <i>STPM or equivalent</i>	Sijil <i>Certificate</i>	SPM/ SPM (V) atau setaraf <i>SPM/ SPM (V) or equivalent</i>	Di bawah SPM <i>Below SPM</i>
1.5	1.5	2.1	2.3	11.2	3.3
1.1	1.1	1.6	1.7	10.4	1.2
0.2	0.2	0.3	0.3	0.4	1.1
0.1	0.1	0.1	0.1	0.2	0.4
0.1	0.1	0.1	0.1	0.2	0.5
1.3	1.2	0.7	1.1	0.5	0.9
18.5	22.4	10.9	19.2	24.7	33.8
1.8	2.0	1.7	1.5	3.3	4.8
0.1	0.2	0.1	0.1	0.2	0.2
0.5	0.6	0.3	0.7	0.8	1.2
2.0	2.3	1.9	2.7	3.4	6.5
4.0	4.0	1.7	3.6	4.4	6.8
2.8	3.4	2.1	3.8	4.3	5.8
5.2	7.4	1.8	3.2	5.6	6.0
2.1	2.6	1.2	3.6	2.7	2.5
13.8	12.1	12.9	25.3	14.1	28.2
64.9	62.8	73.4	52.0	49.5	33.8
0.9	1.0	0.2	1.2	0.5	0.4
0.6	0.8	0.3	1.2	0.8	0.6
17.0	21.3	31.5	13.6	21.7	13.8
4.3	4.7	5.3	7.4	6.2	4.7
1.2	1.7	2.1	1.3	1.3	1.3
2.6	5.0	9.9	8.3	11.7	8.8
7.5	4.4	3.0	2.4	1.1	0.2
7.7	7.6	4.9	2.5	1.2	0.4
2.4	2.2	1.5	0.8	0.3	0.1
9.9	5.1	5.5	4.5	1.1	0.6
2.7	2.1	3.0	3.0	1.8	1.8
3.8	1.9	1.6	1.0	0.3	0.2
2.1	1.9	0.7	1.6	0.3	0.1
0.8	1.0	1.7	0.8	0.6	0.4
1.6	2.2	2.2	2.4	0.6	0.5
100	100	100	100	100	100

Jenis aktiviti ekonomi Kind of economic activity		Jumlah Total	Pascasiswazah Postgraduate
1. Pertanian Agriculture		98.3	0.2
1.1	Tanaman Crops	86.9	0.1
1.2	Ternakan Livestock	7.5	0.0
1.3	Perhutanan dan pembalakan Forestry and logging	2.4	0.0
1.4	Perikanan Fisheries	1.5	0.0
2. Perlombongan & pengkuarian Mining & quarrying		10.5	0.5
3. Pembuatan Manufacturing		759.2	4.7
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	96.4	0.4
3.2	Minuman dan produk tembakau Beverages and tobacco products	5.8	0.0
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	39.2	0.2
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	74.7	0.3
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	140.6	0.8
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	72.6	0.6
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	270.4	1.6
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	59.6	0.8
4. Pembinaan Construction		127.8	2.1
5. Perkhidmatan Services		2,456.1	43.5
5.1	Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	9.6	0.4
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	11.7	0.2
5.3	Perdagangan borong dan runcit Wholesale and retail trade	898.1	3.9
5.4	Pengangkutan dan penyimpanan Transportation and storage	110.9	0.9
5.5	Penginapan Accommodation	68.4	1.1
5.6	Makanan dan minuman Food and beverage	502.1	0.9
5.7	Maklumat dan komunikasi Information and communication	98.1	3.9
5.8	Kewangan Finance	185.5	6.1
5.9	Hartanah Real estate	37.9	3.0
5.10	Profesional, saintifik dan teknikal Professional, scientific and technical	161.4	7.8
5.11	Pentadbiran dan khidmat sokongan Administrative and support service	67.8	0.9
5.12	Pendidikan swasta Private education	112.6	8.1
5.13	Kesihatan swasta dan kerja sosial Private health and social work	103.0	5.5
5.14	Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	24.9	0.2
5.15	Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	64.0	0.5
Jumlah Total		3,451.9	50.9

Ijazah Sarjana Muda/ Diploma Lanjutan atau setaraf <i>Bachelor/ Advanced Diploma or equivalent</i>	Diploma <i>Diploma</i>	STPM atau setaraf <i>STPM or equivalent</i>	Sijil <i>Certificate</i>	SPM/ SPM (V) atau setaraf <i>SPM/ SPM (V) or equivalent</i>	Di bawah SPM <i>Below SPM</i>
2.8	5.8	3.3	1.9	77.4	6.9
1.9	4.2	2.6	1.5	72.5	4.1
0.5	1.0	0.4	0.2	3.2	2.2
0.2	0.3	0.1	0.1	1.0	0.6
0.2	0.3	0.2	0.1	0.8	0.1
3.4	2.7	0.6	0.5	2.5	0.3
58.7	105.8	21.3	25.6	387.4	155.7
6.6	12.3	3.9	3.7	50.3	19.2
0.5	0.8	0.2	0.1	3.2	1.0
1.6	4.1	1.2	3.2	20.8	8.1
5.0	12.3	3.2	3.2	32.8	17.9
12.5	19.4	3.7	5.4	66.1	32.8
7.4	15.4	2.8	2.5	32.1	11.9
19.8	30.8	4.5	5.3	152.9	55.4
5.4	10.7	1.8	2.3	29.3	9.4
26.4	49.2	10.0	5.3	28.0	6.8
317.4	423.3	190.9	166.1	1,061.8	245.2
3.3	1.7	0.4	0.5	3.2	0.2
3.1	3.0	0.6	0.4	3.7	0.6
65.3	134.7	72.9	14.9	496.3	110.2
12.7	17.9	8.4	14.5	50.0	6.5
6.1	11.6	4.5	5.0	32.6	7.6
19.6	38.9	31.3	50.9	261.1	91.5
28.6	19.9	5.0	7.9	28.8	4.1
48.6	62.2	14.5	12.7	38.0	3.4
5.8	9.2	11.7	0.7	7.1	0.4
48.7	41.4	11.0	10.8	38.1	3.7
9.1	12.7	8.8	6.8	23.6	5.8
38.0	26.9	8.1	6.9	22.3	2.3
19.2	24.3	6.4	18.1	26.9	2.6
2.9	4.3	2.3	2.2	10.5	2.5
6.3	14.6	5.1	14.0	19.6	3.9
408.8	586.7	226.2	199.4	1,557.1	414.8

Jenis aktiviti ekonomi <i>Kind of economic activity</i>		Jumlah <i>Total</i>	Pascasiswazah <i>Postgraduate</i>
1. Pertanian <i>Agriculture</i>		2.8	0.3
1.1	Tanaman <i>Crops</i>	2.5	0.2
1.2	Ternakan <i>Livestock</i>	0.2	0.0
1.3	Perhutanan dan pembalakan <i>Forestry and logging</i>	0.1	0.1
1.4	Perikanan <i>Fisheries</i>	0.0	0.0
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>		0.3	1.0
3. Pembuatan <i>Manufacturing</i>		22.0	9.2
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	2.8	0.8
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	0.2	0.1
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	1.1	0.3
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	2.2	0.5
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	4.1	1.5
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	2.1	1.3
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	7.8	3.1
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	1.7	1.5
4. Pembinaan <i>Construction</i>		3.7	4.1
5. Perkhidmatan <i>Services</i>		71.2	85.4
5.1	Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	0.3	0.8
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	0.3	0.4
5.3	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	26.0	7.6
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	3.2	1.8
5.5	Penginapan <i>Accommodation</i>	2.0	2.2
5.6	Makanan dan minuman <i>Food and beverage</i>	14.5	1.8
5.7	Maklumat dan komunikasi <i>Information and communication</i>	2.8	7.6
5.8	Kewangan <i>Finance</i>	5.4	12.1
5.9	Hartanah <i>Real estate</i>	1.1	5.9
5.10	Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	4.7	15.3
5.11	Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	2.0	1.7
5.12	Pendidikan swasta <i>Private education</i>	3.3	15.9
5.13	Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	3.0	10.8
5.14	Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	0.7	0.4
5.15	Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	1.9	1.1
Jumlah <i>Total</i>		100	100

Ijazah Sarjana Muda/ Diploma Lanjutan atau setaraf <i>Bachelor/ Advanced Diploma or equivalent</i>	Diploma <i>Diploma</i>	STPM atau setaraf <i>STPM or equivalent</i>	Sijil <i>Certificate</i>	SPM/ SPM (V) atau setaraf <i>SPM/ SPM (V) or equivalent</i>	Di bawah SPM <i>Below SPM</i>
0.7	1.0	1.5	0.9	5.0	1.7
0.5	0.7	1.1	0.8	4.7	1.0
0.1	0.2	0.2	0.1	0.2	0.5
0.1	0.1	0.1	0.0	0.1	0.1
0.0	0.0	0.1	0.0	0.0	0.0
0.8	0.5	0.3	0.2	0.2	0.1
14.4	18.0	9.4	12.9	24.9	37.5
1.6	2.1	1.7	1.8	3.2	4.6
0.1	0.1	0.1	0.1	0.2	0.2
0.4	0.7	0.5	1.6	1.3	1.9
1.2	2.1	1.4	1.6	2.1	4.3
3.1	3.3	1.6	2.7	4.2	7.9
1.8	2.6	1.2	1.2	2.1	2.9
4.8	5.3	2.0	2.7	9.8	13.4
1.3	1.8	0.8	1.1	1.9	2.3
6.5	8.4	4.4	2.7	1.8	1.6
77.7	72.1	84.4	83.3	68.2	59.1
0.8	0.3	0.2	0.2	0.2	0.0
0.8	0.5	0.3	0.2	0.2	0.1
16.0	23.0	32.2	7.5	31.9	26.6
3.1	3.1	3.7	7.3	3.2	1.6
1.5	2.0	2.0	2.5	2.1	1.8
4.8	6.6	13.8	25.5	16.8	22.1
7.0	3.4	2.2	4.0	1.8	1.0
11.9	10.6	6.4	6.4	2.4	0.8
1.4	1.6	5.2	0.3	0.5	0.1
11.9	7.1	4.9	5.4	2.4	0.9
2.2	2.2	3.9	3.4	1.5	1.4
9.3	4.6	3.6	3.5	1.4	0.6
4.7	4.1	2.8	9.1	1.7	0.6
0.7	0.7	1.0	1.1	0.7	0.6
1.5	2.5	2.2	7.0	1.3	0.9
100	100	100	100	100	100

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Johor		Kedah		Kelantan	
	2015	2022	2015	2022	2015	2022
1. Pertanian <i>Agriculture</i>	65.2	62.0	14.7	12.9	12.7	11.1
1.1 Tanaman <i>Crops</i>	54.2	50.6	12.1	9.9	9.7	10.0
1.2 Ternakan <i>Livestock</i>	8.0	8.3	1.2	1.4	0.3	0.2
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	0.6	0.7	0.5	0.6	2.0	0.6
1.4 Perikanan <i>Fisheries</i>	2.4	2.5	0.8	1.0	0.7	0.2
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>	5.4	4.4	0.5	0.5	2.2	2.0
3. Pembuatan <i>Manufacturing</i>	448.4	483.0	97.5	118.2	19.7	19.3
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	54.5	58.8	9.5	11.6	3.9	4.1
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	2.8	2.8	0.4	0.3	0.2	0.2
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	32.1	30.4	2.6	3.0	2.6	1.7
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	64.5	78.9	10.8	12.4	3.5	3.5
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	84.3	88.3	18.7	27.9	4.1	3.7
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	76.6	78.5	9.1	12.5	2.9	2.9
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	103.0	113.7	34.7	39.1	1.9	2.4
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	30.7	31.6	11.6	11.4	0.5	0.8
4. Pembinaan <i>Construction</i>	240.5	160.3	26.9	31.5	16.7	17.4
5. Perkhidmatan <i>Services</i>	435.3	555.1	175.8	207.5	129.5	151.2
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	1.1	1.9	0.3	0.4	0.4	0.3
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	9.2	12.5	3.3	3.4	0.8	0.8
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	171.3	226.1	72.1	88.6	67.5	80.3
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	47.5	54.9	9.7	11.0	4.4	4.7
5.5 Penginapan <i>Accommodation</i>	9.7	14.2	8.6	12.5	2.2	5.2
5.6 Makanan dan minuman <i>Food and beverage</i>	84.2	106.3	47.5	50.7	38.0	41.0
5.7 Maklumat dan komunikasi <i>Information and communication</i>	3.3	3.8	0.5	0.5	0.0	0.1
5.8 Kewangan <i>Finance</i>	17.3	20.1	4.1	4.8	1.4	1.5
5.9 Hartanah <i>Real estate</i>	6.7	8.4	1.5	1.9	0.3	0.5
5.10 Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	23.1	26.2	4.9	5.7	2.7	3.1
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	13.6	15.3	6.2	6.7	2.4	2.6
5.12 Pendidikan swasta <i>Private education</i>	14.5	23.6	5.5	7.2	3.8	4.4
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	12.1	15.9	5.7	6.8	2.5	3.2
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	5.4	6.0	2.0	2.3	0.9	1.0
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	16.1	20.0	3.8	5.0	2.3	2.4
Jumlah <i>Total</i>	1,194.7	1,264.8	315.4	370.6	180.8	200.9

Melaka		Negeri Sembilan		Pahang		Pulau Pinang		Perak	
2015	2022	2015	2022	2015	2022	2015	2022	2015	2022
12.0	9.5	18.5	16.2	64.0	57.2	5.4	7.9	48.0	42.1
8.4	5.0	15.1	13.5	59.6	53.5	2.3	3.2	36.0	31.7
3.4	4.4	2.9	2.1	1.1	1.3	2.1	3.0	6.8	5.3
0.1	0.0	0.2	0.3	1.9	1.4	-	0.1	1.1	0.8
0.1	0.1	0.3	0.4	1.4	1.0	1.0	1.7	4.2	4.3
0.5	0.5	1.9	1.6	10.9	4.3	1.6	1.6	4.8	5.1
82.7	99.9	77.3	93.2	44.5	54.8	272.2	371.7	138.7	147.3
9.4	11.5	5.5	8.1	9.2	10.8	14.6	20.3	21.0	22.7
0.2	0.3	0.7	2.6	0.4	0.4	0.9	0.5	0.9	1.1
6.9	3.5	3.4	4.4	0.9	1.0	15.4	9.5	8.1	6.5
7.9	9.2	12.3	10.4	10.5	13.9	21.4	25.4	13.0	12.0
11.0	13.9	15.4	19.7	7.5	9.3	28.2	34.6	34.4	43.7
8.1	12.2	12.9	14.6	7.2	9.4	29.1	35.3	21.9	21.6
29.3	38.8	20.4	21.8	2.9	4.2	141.7	215.8	31.4	29.6
10.0	10.6	6.7	11.5	5.9	5.8	20.9	30.3	8.0	10.2
21.8	23.6	48.3	48.5	59.5	45.7	71.4	81.3	67.2	66.7
133.7	158.8	132.7	155.5	146.0	174.2	291.3	356.7	269.4	315.3
0.5	0.4	0.6	0.7	0.5	0.4	0.6	0.8	1.2	1.6
2.9	1.2	3.4	2.9	1.9	2.1	3.2	4.1	1.7	1.5
57.6	73.3	48.6	57.2	58.7	72.8	108.2	135.3	128.7	151.7
5.9	6.6	8.4	10.3	7.7	9.4	20.8	24.8	13.3	14.5
5.8	6.6	4.0	5.0	13.5	14.4	9.6	11.2	6.6	8.9
29.8	34.9	35.6	40.8	39.7	45.7	55.7	73.3	62.0	71.7
0.5	0.7	0.4	0.5	0.2	0.3	10.9	11.6	1.0	1.2
3.6	4.1	3.6	4.0	3.1	3.4	12.4	14.0	7.0	7.7
1.4	1.9	0.9	1.5	1.2	1.6	5.4	6.8	3.2	4.1
5.6	6.2	5.1	6.0	3.8	4.4	18.3	20.5	8.8	9.6
4.0	4.5	6.4	7.3	3.8	4.5	10.2	11.7	7.1	9.0
4.9	5.5	6.2	7.1	3.5	3.8	8.1	10.0	7.6	9.0
5.3	6.3	4.7	6.2	3.1	4.3	12.5	16.2	9.1	11.0
2.6	2.8	1.6	1.8	2.3	3.0	3.6	3.9	4.1	4.9
3.4	4.0	3.1	4.2	3.1	4.1	11.8	12.6	8.1	9.0
250.7	292.3	278.7	315.0	324.9	336.1	641.9	819.3	528.2	576.5

Jenis aktiviti ekonomi Kind of economic activity	Perlis*		Selangor	
	2015	2022	2015	2022
1. Pertanian Agriculture	0.3	0.4	35.8	28.0
1.1 Tanaman Crops	0.2	0.1	31.7	23.0
1.2 Ternakan Livestock	0.1	0.1	3.1	3.5
1.3 Perhutanan dan pembalakan Forestry and logging	-	-	0.1	0.3
1.4 Perikanan Fisheries	0.1	0.2	0.9	1.3
2. Perlombongan & pengkuarian Mining & quarrying	0.2	0.2	15.5	12.3
3. Pembuatan Manufacturing	5.7	5.2	646.2	723.8
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	1.0	0.8	63.7	86.2
3.2 Minuman dan produk tembakau Beverages and tobacco products	0.0	0.1	7.9	6.6
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	0.3	0.3	16.7	20.3
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	0.2	0.2	73.7	84.8
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	3.1	3.1	137.5	164.6
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	0.9	0.5	118.8	118.8
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products			144.5	144.6
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	0.1	0.1	83.2	97.9
4. Pembinaan Construction	6.2	4.2	316.9	316.1
5. Perkhidmatan Services	22.6	30.2	1,277.7	1,599.5
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	0.2	0.2	3.3	3.7
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	0.2	0.3	12.2	13.5
5.3 Perdagangan borong dan runcit Wholesale and retail trade	7.9	11.7	395.3	520.0
5.4 Pengangkutan dan penyimpanan Transportation and storage	1.3	1.5	183.6	210.6
5.5 Penginapan Accommodation	0.5	1.0	13.9	14.5
5.6 Makanan dan minuman Food and beverage	7.3	9.3	229.9	292.3
5.7 Maklumat dan komunikasi Information and communication	0.0	0.0	83.3	101.0
5.8 Kewangan Finance	2.2	2.3	67.4	74.5
5.9 Hartanah Real estate	0.1	0.2	22.9	28.9
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	0.5	0.6	107.0	120.1
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	0.8	1.0	49.9	64.9
5.12 Pendidikan swasta Private education	0.8	0.8	39.7	61.2
5.13 Kesihatan swasta dan kerja sosial Private health and social work	0.4	0.5	31.2	39.4
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	0.2	0.2	14.2	21.0
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	0.4	0.5	23.8	34.0
Jumlah Total	35.1	40.2	2,292.0	2,679.7

Nota / Notes:

* Termasuk Produk mineral bukan logam, logam asas dan produk logam yang direka dan Produk elektrik, elektronik dan optikal

Included Non-metallic mineral products, basic metal and fabricated metal products sub-sector and Electrical, electronic and optical products sub-sector

Terengganu		Sabah		Sarawak		Wilayah Persekutuan**		Supra***	
2015	2022	2015	2022	2015	2022	2015	2022	2015	2022
24.7	23.0	181.7	170.3	84.1	77.2	0.3	0.2	n.a	n.a
23.5	22.3	171.2	160.3	66.7	66.0	0.2	0.2	n.a	n.a
0.4	0.1	2.6	4.8	2.9	3.7	0.0	0.0	n.a	n.a
0.4	0.2	5.3	2.8	13.7	6.8	-	-	n.a	n.a
0.5	0.4	2.7	2.4	0.7	0.7	0.1	0.0	n.a	n.a
1.7	1.7	4.9	5.2	11.8	12.3	10.5	4.6	9.9	9.3
23.8	26.5	63.8	61.7	99.3	101.2	99.4	40.5	n.a	n.a
3.2	3.5	28.4	27.3	15.9	20.9	17.0	5.6	n.a	n.a
0.1	0.1	0.6	0.8	0.9	1.4	0.9	0.2	n.a	n.a
2.1	2.2	1.9	2.2	1.4	1.8	7.6	4.3	n.a	n.a
3.5	3.7	18.4	16.6	41.5	26.5	17.3	8.8	n.a	n.a
9.6	8.9	3.3	5.1	7.0	7.4	11.9	7.3	n.a	n.a
2.7	3.5	7.5	6.4	15.2	19.7	19.3	6.7	n.a	n.a
0.2	0.6	0.6	0.4	9.2	16.7	8.7	2.3	n.a	n.a
2.4	4.0	3.0	2.8	8.2	6.7	16.7	5.4	n.a	n.a
34.7	32.8	64.9	66.7	89.3	99.4	226.3	248.3	n.a	n.a
96.5	116.6	251.1	305.3	280.9	334.3	1,155.6	1,371.7	n.a	n.a
0.5	0.8	4.6	4.8	4.5	6.0	29.7	29.1	n.a	n.a
0.8	0.8	1.6	2.9	2.7	4.4	5.4	9.1	n.a	n.a
38.4	47.3	104.9	135.1	115.3	142.9	378.1	429.2	n.a	n.a
5.7	6.7	27.2	28.9	33.0	36.0	42.6	55.9	n.a	n.a
4.9	6.5	15.0	16.0	9.3	9.6	27.0	32.0	n.a	n.a
30.1	34.1	47.4	56.3	53.3	61.1	131.0	162.4	n.a	n.a
0.2	0.2	1.0	1.1	2.4	2.9	99.2	126.5	n.a	n.a
1.7	1.8	7.1	8.8	10.2	11.0	178.6	217.8	n.a	n.a
0.4	0.6	3.7	4.4	4.1	5.3	25.1	31.2	n.a	n.a
3.2	3.9	9.2	10.7	13.7	15.8	108.5	126.4	n.a	n.a
3.6	4.5	7.4	7.5	8.2	10.3	50.1	54.4	n.a	n.a
2.8	4.1	5.8	8.8	9.6	11.9	21.6	29.1	n.a	n.a
1.8	2.3	4.5	6.0	5.2	6.9	23.2	31.4	n.a	n.a
1.1	1.2	5.8	6.7	3.2	3.7	11.1	12.5	n.a	n.a
1.3	1.7	6.0	7.5	6.1	6.3	24.6	24.7	n.a	n.a
181.5	200.7	566.4	609.3	565.3	624.4	1,492.1	1,665.3	9.9	9.3

Nota / Notes:

** Termasuk Wilayah Persekutuan Kuala Lumpur, Labuan dan Putrajaya

Included Federal Territory Kuala Lumpur, Labuan and Putrajaya

*** Merangkumi aktiviti pengeluaran yang melangkaui pusat kepentingan ekonomi utama bagi mana-mana negeri

Comprises of production activities that beyond the centre of predominant economic interest for any state

Jenis aktiviti ekonomi Kind of economic activity	Johor		Kedah		Kelantan	
	2015	2022	2015	2022	2015	2022
1. Pertanian Agriculture	5.5	4.9	4.6	3.5	7.0	5.5
1.1 Tanaman Crops	4.5	4.0	3.8	2.7	5.3	5.0
1.2 Ternakan Livestock	0.7	0.7	0.4	0.4	0.1	0.1
1.3 Perhutanan dan pembalakan Forestry and logging	0.1	0.1	0.2	0.1	1.1	0.3
1.4 Perikanan Fisheries	0.2	0.2	0.3	0.3	0.4	0.1
2. Perlombongan & pengkuarian Mining & quarrying	0.5	0.4	0.2	0.1	1.2	1.0
3. Pembuatan Manufacturing	37.5	38.2	30.9	31.9	10.9	9.6
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	4.6	4.6	3.0	3.1	2.1	2.1
3.2 Minuman dan produk tembakau Beverages and tobacco products	0.2	0.2	0.1	0.1	0.1	0.1
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	2.7	2.4	0.8	0.8	1.5	0.9
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	5.4	6.2	3.4	3.3	1.9	1.8
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	7.1	7.0	5.9	7.5	2.3	1.9
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	6.4	6.2	2.9	3.4	1.6	1.4
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	8.6	9.0	11.0	10.6	1.0	1.2
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	2.6	2.5	3.7	3.1	0.3	0.4
4. Pembinaan Construction	20.1	12.7	8.5	8.5	9.2	8.6
5. Perkhidmatan Services	36.4	43.9	55.7	56.0	71.7	75.3
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	0.1	0.1	0.1	0.1	0.2	0.1
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	0.8	1.0	1.0	0.9	0.4	0.4
5.3 Perdagangan borong dan runcit Wholesale and retail trade	14.3	17.9	22.9	23.9	37.3	40.0
5.4 Pengangkutan dan penyimpanan Transportation and storage	4.0	4.3	3.1	3.0	2.5	2.4
5.5 Penginapan Accommodation	0.8	1.1	2.7	3.4	1.2	2.6
5.6 Makanan dan minuman Food and beverage	7.1	8.4	15.1	13.7	21.0	20.4
5.7 Maklumat dan komunikasi Information and communication	0.3	0.3	0.2	0.1	0.0	0.0
5.8 Kewangan Finance	1.4	1.6	1.3	1.3	0.8	0.8
5.9 Hartanah Real estate	0.6	0.7	0.5	0.5	0.2	0.2
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	1.9	2.1	1.5	1.5	1.5	1.6
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	1.1	1.2	2.0	1.8	1.3	1.3
5.12 Pendidikan swasta Private education	1.2	1.9	1.8	1.9	2.1	2.2
5.13 Kesihatan swasta dan kerja sosial Private health and social work	1.0	1.3	1.8	1.8	1.4	1.6
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	0.5	0.5	0.6	0.6	0.5	0.5
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	1.3	1.6	1.2	1.3	1.2	1.2
Jumlah Total	100	100	100	100	100	100

Melaka		Negeri Sembilan		Pahang		Pulau Pinang		Perak	
2015	2022	2015	2022	2015	2022	2015	2022	2015	2022
4.8	3.3	6.7	5.1	19.7	17.0	0.8	1.0	9.1	7.3
3.4	1.7	5.4	4.3	18.4	15.9	0.4	0.4	6.8	5.5
1.3	1.5	1.0	0.7	0.3	0.4	0.3	0.4	1.3	0.9
0.0	0.0	0.1	0.1	0.6	0.4	-	0.0	0.2	0.1
0.0	0.0	0.1	0.1	0.4	0.3	0.2	0.2	0.8	0.7
0.2	0.2	0.7	0.5	3.4	1.3	0.2	0.2	0.9	0.9
33.0	34.2	27.7	29.6	13.7	16.3	42.4	45.4	26.3	25.6
3.7	3.9	2.0	2.6	2.8	3.2	2.3	2.5	4.0	3.9
0.1	0.1	0.3	0.8	0.1	0.1	0.1	0.1	0.2	0.2
2.8	1.2	1.2	1.4	0.3	0.3	2.4	1.2	1.5	1.1
3.2	3.1	4.4	3.3	3.2	4.1	3.3	3.1	2.5	2.1
4.4	4.7	5.5	6.3	2.3	2.8	4.4	4.2	6.5	7.6
3.2	4.2	4.6	4.6	2.2	2.8	4.5	4.3	4.1	3.7
11.7	13.3	7.3	6.9	0.9	1.3	22.1	26.3	6.0	5.1
4.0	3.6	2.4	3.7	1.8	1.7	3.3	3.7	1.5	1.8
8.7	8.1	17.3	15.4	18.3	13.6	11.1	9.9	12.7	11.6
53.3	54.3	47.6	49.4	44.9	51.8	45.4	43.5	51.0	54.7
0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.3
1.2	0.4	1.2	0.9	0.6	0.6	0.5	0.5	0.3	0.3
23.0	25.1	17.5	18.2	18.1	21.7	16.9	16.5	24.4	26.3
2.3	2.3	3.0	3.3	2.4	2.8	3.2	3.0	2.5	2.5
2.3	2.2	1.4	1.6	4.1	4.3	1.5	1.4	1.3	1.6
11.9	11.9	12.8	13.0	12.2	13.6	8.7	8.9	11.7	12.4
0.2	0.2	0.2	0.2	0.1	0.1	1.7	1.4	0.2	0.2
1.4	1.4	1.3	1.3	0.9	1.0	1.9	1.7	1.3	1.3
0.6	0.7	0.3	0.5	0.4	0.5	0.8	0.8	0.6	0.7
2.2	2.1	1.8	1.9	1.2	1.3	2.8	2.5	1.7	1.7
1.6	1.5	2.3	2.3	1.2	1.3	1.6	1.4	1.3	1.6
1.9	1.9	2.2	2.2	1.1	1.1	1.3	1.2	1.4	1.6
2.1	2.2	1.7	2.0	0.9	1.3	1.9	2.0	1.7	1.9
1.0	1.0	0.6	0.6	0.7	0.9	0.6	0.5	0.8	0.8
1.4	1.4	1.1	1.3	0.9	1.2	1.8	1.5	1.5	1.6
100	100	100	100	100	100	100	100	100	100

Jenis aktiviti ekonomi <i>Kind of economic activity</i>		Perlis*		Selangor	
		2015	2022	2015	2022
1. Pertanian <i>Agriculture</i>		0.9	0.9	1.6	1.0
1.1	Tanaman <i>Crops</i>	0.6	0.4	1.4	0.9
1.2	Ternakan <i>Livestock</i>	0.1	0.2	0.1	0.1
1.3	Perhutanan dan pembalakan <i>Forestry and logging</i>	0.0	0.0	0.0	0.0
1.4	Perikanan <i>Fisheries</i>	0.2	0.4	0.0	0.0
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>		0.7	0.5	0.7	0.5
3. Pembuatan <i>Manufacturing</i>		16.3	12.9	28.2	27.0
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	2.9	1.9	2.8	3.2
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	0.1	0.3	0.3	0.2
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	1.0	0.8	0.7	0.8
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	0.7	0.4	3.2	3.2
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	8.9	7.8	6.0	6.1
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	} 2.5	} 1.4	5.2	4.4
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>			6.3	5.4
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	0.3	0.3	3.6	3.7
4. Pembinaan <i>Construction</i>		17.7	10.4	13.8	11.8
5. Perkhidmatan <i>Services</i>		64.4	75.3	55.7	59.7
5.1	Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	0.5	0.5	0.1	0.1
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	0.5	0.7	0.5	0.5
5.3	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	22.5	29.2	17.2	19.4
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	3.7	3.8	8.0	7.9
5.5	Penginapan <i>Accommodation</i>	1.3	2.4	0.6	0.5
5.6	Makanan dan minuman <i>Food and beverage</i>	20.7	23.2	10.0	10.9
5.7	Maklumat dan komunikasi <i>Information and communication</i>	0.1	0.1	3.6	3.8
5.8	Kewangan <i>Finance</i>	6.2	5.8	2.9	2.8
5.9	Hartanah <i>Real estate</i>	0.3	0.4	1.0	1.1
5.10	Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	1.4	1.6	4.7	4.5
5.11	Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	2.3	2.4	2.2	2.4
5.12	Pendidikan swasta <i>Private education</i>	2.2	2.1	1.7	2.3
5.13	Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	1.1	1.2	1.4	1.5
5.14	Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	0.6	0.6	0.6	0.8
5.15	Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	1.2	1.3	1.0	1.3
Jumlah <i>Total</i>		100	100	100	100

Nota / Notes:

* Termasuk Produk mineral bukan logam, logam asas dan produk logam yang direka dan Produk elektrik, elektronik dan optikal

Included Non-metallic mineral products, basic metal and fabricated metal products sub-sector and Electrical, electronic and optical products sub-sector

Terengganu		Sabah		Sarawak		Wilayah Persekutuan**		Supra***	
2015	2022	2015	2022	2015	2022	2015	2022	2015	2022
13.6	11.5	32.1	28.0	14.9	12.4	0.0	0.0	n.a	n.a
12.9	11.1	30.2	26.3	11.8	10.6	0.0	0.0	n.a	n.a
0.2	0.1	0.5	0.8	0.5	0.6	0.0	0.0	n.a	n.a
0.2	0.1	0.9	0.5	2.4	1.1	0.0	0.0	n.a	n.a
0.3	0.2	0.5	0.4	0.1	0.1	0.0	0.0	n.a	n.a
0.9	0.9	0.9	0.9	2.1	2.0	0.7	0.3	100	100
13.1	13.2	11.3	10.1	17.6	16.2	6.7	2.4	n.a	n.a
1.8	1.8	5.0	4.5	2.8	3.4	1.1	0.3	n.a	n.a
0.1	0.0	0.1	0.1	0.2	0.2	0.1	0.0	n.a	n.a
1.2	1.1	0.3	0.4	0.2	0.3	0.5	0.3	n.a	n.a
1.9	1.9	3.3	2.7	7.3	4.2	1.2	0.5	n.a	n.a
5.3	4.4	0.6	0.8	1.2	1.2	0.8	0.4	n.a	n.a
1.5	1.8	1.3	1.1	2.7	3.2	1.3	0.4	n.a	n.a
0.1	0.3	0.1	0.1	1.6	2.7	0.6	0.1	n.a	n.a
1.3	2.0	0.5	0.5	1.5	1.1	1.1	0.3	n.a	n.a
19.1	16.4	11.5	10.9	15.8	15.9	15.2	14.9	n.a	n.a
53.2	58.1	44.3	50.1	49.7	53.5	77.4	82.4	n.a	n.a
0.3	0.4	0.8	0.8	0.8	1.0	2.0	1.7	n.a	n.a
0.4	0.4	0.3	0.5	0.5	0.7	0.4	0.5	n.a	n.a
21.2	23.6	18.5	22.2	20.4	22.9	25.3	25.8	n.a	n.a
3.2	3.4	4.8	4.7	5.8	5.8	2.9	3.4	n.a	n.a
2.7	3.2	2.6	2.6	1.6	1.5	1.8	1.9	n.a	n.a
16.6	17.0	8.4	9.2	9.4	9.8	8.8	9.8	n.a	n.a
0.1	0.1	0.2	0.2	0.4	0.5	6.6	7.6	n.a	n.a
0.9	0.9	1.2	1.4	1.8	1.8	12.0	13.1	n.a	n.a
0.2	0.3	0.6	0.7	0.7	0.9	1.7	1.9	n.a	n.a
1.7	1.9	1.6	1.8	2.4	2.5	7.3	7.6	n.a	n.a
2.0	2.2	1.3	1.2	1.5	1.6	3.4	3.3	n.a	n.a
1.5	2.0	1.0	1.5	1.7	1.9	1.4	1.7	n.a	n.a
1.0	1.1	0.8	1.0	0.9	1.1	1.6	1.9	n.a	n.a
0.6	0.6	1.0	1.1	0.6	0.6	0.7	0.8	n.a	n.a
0.7	0.9	1.1	1.2	1.1	1.0	1.6	1.5	n.a	n.a
100	100	100	100	100	100	100	100	100	100

Nota / Notes:

** Termasuk Wilayah Persekutuan Kuala Lumpur, Labuan dan Putrajaya

Included Federal Territory Kuala Lumpur, Labuan and Putrajaya

*** Merangkumi aktiviti pengeluaran yang melangkaui pusat kepentingan ekonomi utama bagi mana-mana negeri

Comprises of production activities that beyond the centre of predominant economic interest for any state

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Johor	Kedah	Kelantan	Melaka	Negeri Sembilan
	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015
1. Pertanian <i>Agriculture</i>	-0.7	-1.8	-1.9	-3.3	-1.9
1.1 Tanaman <i>Crops</i>	-1.0	-2.8	0.5	-7.3	-1.6
1.2 Ternakan <i>Livestock</i>	0.5	2.0	-1.5	3.9	-4.7
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	1.0	1.2	-15.2	-19.1	3.8
1.4 Perikanan <i>Fisheries</i>	0.8	3.8	-18.3	4.0	2.4
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>	-2.7	-1.5	-1.9	-0.8	-2.7
3. Pembuatan <i>Manufacturing</i>	1.1	2.8	-0.2	2.7	2.7
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	1.1	2.8	0.9	2.9	5.5
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	0.1	-4.0	-3.8	6.3	20.0
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	-0.8	2.3	-5.8	-9.3	3.8
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	2.9	2.0	0.1	2.2	-2.3
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	0.7	5.8	-1.4	3.4	3.6
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	0.4	4.6	-0.1	6.1	1.9
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	1.4	1.7	3.1	4.1	1.0
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	0.4	-0.3	7.8	0.9	8.0
4. Pembinaan <i>Construction</i>	-5.6	2.3	0.6	1.1	0.1
5. Perkhidmatan <i>Services</i>	3.5	2.4	2.2	2.5	2.3
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	7.4	2.1	-2.8	-2.3	2.3
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	4.4	0.8	0.4	-12.4	-2.2
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	4.0	3.0	2.5	3.5	2.4
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	2.1	1.9	1.0	1.8	2.9
5.5 Penginapan <i>Accommodation</i>	5.5	5.4	13.1	1.7	3.1
5.6 Makanan dan minuman <i>Food and beverage</i>	3.4	0.9	1.1	2.3	2.0
5.7 Maklumat dan komunikasi <i>Information and communication</i>	2.1	1.3	7.7	4.2	1.8
5.8 Kewangan <i>Finance</i>	2.1	2.0	1.7	1.8	1.4
5.9 Hartanah <i>Real estate</i>	3.1	3.1	6.1	4.5	7.1
5.10 Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	1.8	2.2	2.1	1.4	2.3
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	1.7	1.1	1.6	1.8	1.8
5.12 Pendidikan swasta <i>Private education</i>	7.2	3.8	2.1	1.7	2.0
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	4.0	2.6	3.7	2.7	4.0
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	1.4	1.8	1.8	1.2	2.3
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	3.2	4.1	0.7	2.1	4.5
Jumlah <i>Total</i>	0.8	2.3	1.5	2.2	1.8

Nota / Notes:

* Termasuk Produk mineral bukan logam, logam asas dan produk logam yang direka dan Produk elektrik, elektronik dan optikal

Included Non-metallic mineral products, basic metal and fabricated metal products sub-sector and Electrical, electronic and optical products sub-sector

Pahang	Pulau Pinang	Perak	Perlis*	Selangor	Terengganu	Sabah	Sarawak	Wilayah Persekutuan**	Supra***
CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015
-1.6	5.7	-1.9	2.2	-3.4	-1.0	-0.9	-1.2	-5.5	n.a
-1.5	4.9	-1.8	-4.2	-4.5	-0.7	-0.9	-0.1	-4.3	n.a
2.1	4.9	-3.3	2.8	1.6	-13.2	9.0	3.5	20.8	n.a
-4.8	-	-4.5	-	27.2	-8.7	-8.5	-9.6	-	n.a
-4.6	7.8	0.4	11.6	5.3	-4.0	-1.6	0.5	-35.0	n.a
-12.4	0.5	0.8	-2.8	-3.2	0.2	0.9	0.6	-11.1	-0.9
3.0	4.6	0.9	-1.4	1.6	1.5	-0.5	0.3	-12.0	n.a
2.2	4.8	1.1	-3.8	4.4	1.3	-0.5	4.0	-14.7	n.a
-0.8	-6.7	3.4	21.1	-2.7	-3.1	4.1	7.2	-18.7	n.a
0.9	-6.7	-3.2	-1.3	2.8	0.4	2.0	3.9	-8.0	n.a
4.1	2.5	-1.2	-4.2	2.0	0.9	-1.5	-6.2	-9.2	n.a
3.2	3.0	3.5	0.2	2.6	-1.0	6.4	0.7	-6.8	n.a
3.9	2.8	-0.2	-6.3	0.0	3.7	-2.2	3.8	-14.0	n.a
5.6	6.2	-0.9		0.0	15.8	-6.4	8.8	-17.5	n.a
-0.3	5.4	3.7	-1.8	2.3	7.6	-1.1	-2.8	-14.9	n.a
-3.7	1.9	-0.1	-5.5	0.0	-0.8	0.4	1.5	1.3	n.a
2.6	2.9	2.3	4.2	3.3	2.7	2.8	2.5	2.5	n.a
-2.6	3.8	4.1	2.0	1.6	5.9	0.4	4.0	-0.3	n.a
1.4	3.7	-1.2	6.3	1.5	1.4	8.5	7.2	7.8	n.a
3.1	3.2	2.4	5.8	4.0	3.0	3.7	3.1	1.8	n.a
2.7	2.6	1.2	2.1	2.0	2.3	0.9	1.2	4.0	n.a
1.0	2.2	4.4	11.2	0.6	4.0	0.9	0.5	2.4	n.a
2.0	4.0	2.1	3.6	3.5	1.8	2.5	2.0	3.1	n.a
5.3	0.8	2.3	6.0	2.8	2.8	2.4	3.0	3.5	n.a
1.6	1.8	1.4	1.0	1.4	1.3	3.1	1.0	2.9	n.a
4.3	3.5	3.7	9.0	3.3	4.2	2.6	3.9	3.2	n.a
2.5	1.7	1.3	4.0	1.7	2.9	2.2	2.0	2.2	n.a
2.5	2.0	3.5	2.5	3.8	3.2	0.2	3.3	1.2	n.a
1.0	3.0	2.3	1.5	6.4	5.5	6.2	3.1	4.3	n.a
5.0	3.8	2.7	3.9	3.4	3.5	4.2	4.1	4.4	n.a
3.8	1.2	2.5	1.6	5.8	1.3	2.0	2.2	1.7	n.a
4.1	0.9	1.6	3.5	5.2	4.5	3.2	0.6	0.1	n.a
0.5	3.5	1.3	1.9	2.3	1.4	1.0	1.4	1.6	-0.9

Nota / Notes:

** Termasuk Wilayah Persekutuan Kuala Lumpur, Labuan dan Putrajaya

Included Federal Territory Kuala Lumpur, Labuan and Putrajaya

*** Merangkumi aktiviti pengeluaran yang melangkaui pusat kepentingan ekonomi utama bagi mana-mana negeri

Comprises of production activities that beyond the centre of predominant economic interest for any state

GAJI & UPAH

SALARIES & WAGES

Jenis aktiviti ekonomi Kind of economic activity	Pekerja sepenuh masa Full-time employee			
	Jumlah Total		Pengurus, profesional dan penyelidik Manager, professional and researcher	
	2015	2022	2015	2022
1. Pertanian Agriculture	7,874	9,394	959	1,200
1.1 Tanaman Crops	6,114	7,616	615	828
1.2 Ternakan Livestock	720	949	136	208
1.3 Perhutanan dan pembalakan Forestry and logging	730	424	144	78
1.4 Perikanan Fisheries	310	405	64	87
2. Perlombongan & pengkuarian Mining & quarrying	7,865	7,391	4,582	4,846
3. Pembuatan Manufacturing	65,330	97,059	20,222	29,068
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	7,144	10,362	1,998	2,749
3.2 Minuman dan produk tembakau Beverages and tobacco products	547	768	155	290
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	2,015	2,175	398	463
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	7,196	9,106	1,710	1,987
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	12,575	19,769	3,970	6,286
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	9,996	13,305	2,767	3,687
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	19,087	32,863	7,135	11,043
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	6,771	8,710	2,091	2,562
4. Pembinaan Construction	32,838	36,275	5,553	8,807
5. Perkhidmatan Services	129,148	200,942	59,555	82,069
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	3,620	3,857	1,323	1,832
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	1,395	2,346	357	657
5.3 Perdagangan borong dan runcit Wholesale and retail trade	41,642	74,435	17,304	26,589
5.4 Pengangkutan dan penyimpanan Transportation and storage	14,183	18,283	4,514	5,678
5.5 Penginapan Accommodation	2,962	3,999	994	1,415
5.6 Makanan dan minuman Food and beverage	9,119	14,572	2,035	2,924
5.7 Maklumat dan komunikasi Information and communication	11,638	19,232	7,407	11,974
5.8 Kewangan Finance	17,267	24,523	11,322	9,687
5.9 Hartanah Real estate	2,696	4,132	1,442	2,382
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	10,013	14,134	5,688	8,101
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	3,922	5,220	1,372	1,650
5.12 Pendidikan swasta Private education	4,268	6,213	3,008	4,408
5.13 Kesihatan swasta dan kerja sosial Private health and social work	3,651	6,299	1,844	3,563
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	1,297	1,630	530	577
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	1,475	2,066	414	631
Jumlah Total	243,054	351,061	90,871	125,990

(RM) (Juta RM) (Milion)

Pekerja sepenuh masa Full-time employee						Pekerja sambilan Part-time employees		Jumlah gaji & upah Total salaries & wages	
Juruteknik dan profesional bersekutu Technicians and associate professional		Perkeranian dan pekerjaan yang berkaitan Clerical and related occupations		Pekerja asas Elementary occupations					
2015	2022	2015	2022	2015	2022	2015	2022	2015	2022
296	304	6,249	6,755	370	1,135	74	87	7,949	9,480
189	220	5,078	5,616	232	952	56	68	6,170	7,683
27	39	478	576	79	127	6	9	726	958
65	29	481	288	41	29	7	7	737	431
15	16	212	274	18	28	5	3	315	408
1,599	1,233	1,471	1,220	214	93	5	3	7,870	7,395
7,802	11,282	34,669	51,615	2,636	5,094	165	161	65,495	97,219
669	805	4,027	5,947	450	861	49	35	7,193	10,398
48	69	280	379	64	30	1	1	548	769
260	160	1,213	1,243	143	309	23	27	2,037	2,202
579	709	4,273	5,373	635	1,036	25	31	7,221	9,137
1,605	2,436	6,601	10,183	399	864	16	11	12,591	19,780
999	1,341	5,795	7,321	435	956	22	21	10,018	13,326
2,850	4,816	8,758	16,313	344	691	10	22	19,097	32,885
791	945	3,722	4,857	166	346	18	12	6,789	8,722
2,283	2,982	24,193	23,182	809	1,304	62	151	32,899	36,426
13,459	18,523	41,487	74,679	14,647	25,670	2,469	3,473	131,617	204,415
1,197	777	986	1,016	114	232	2	0	3,622	3,857
161	404	665	927	211	357	3	12	1,398	2,358
3,494	5,444	16,442	32,810	4,402	9,592	1,436	1,746	43,078	76,181
1,666	1,954	5,807	7,552	2,195	3,099	71	93	14,254	18,376
282	162	988	1,428	698	995	49	77	3,011	4,076
129	170	3,285	5,275	3,670	6,203	532	897	9,651	15,469
2,139	3,577	1,632	3,124	460	557	21	64	11,659	19,296
1,562	2,020	3,945	11,554	438	1,262	44	153	17,312	24,676
186	272	933	1,298	135	181	20	25	2,716	4,157
1,130	1,709	2,529	3,586	665	737	61	84	10,073	14,218
262	441	1,482	2,006	806	1,124	45	69	3,967	5,289
362	504	709	1,025	189	276	74	105	4,342	6,318
685	845	999	1,586	122	305	33	36	3,684	6,335
111	121	416	560	240	373	34	58	1,330	1,689
92	124	667	933	301	378	43	54	1,518	2,120
25,439	34,324	108,069	157,450	18,676	33,296	2,776	3,875	245,830	354,935

Jenis aktiviti ekonomi Kind of economic activity	Pekerja sepenuh masa Full-time employee			
	Jumlah Total		Pengurus, profesional dan penyelidik Manager, professional and researcher	
	2015	2022	2015	2022
1. Pertanian Agriculture	3.2	2.7	1.1	1.0
1.1 Tanaman Crops	2.5	2.2	0.7	0.7
1.2 Ternakan Livestock	0.3	0.3	0.1	0.2
1.3 Perhutanan dan pembalakan Forestry and logging	0.3	0.1	0.2	0.1
1.4 Perikanan Fisheries	0.1	0.1	0.1	0.1
2. Perlombongan & pengkuarian Mining & quarrying	3.2	2.1	5.0	3.8
3. Pembuatan Manufacturing	26.9	27.6	22.3	23.1
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	2.9	3.0	2.2	2.2
3.2 Minuman dan produk tembakau Beverages and tobacco products	0.2	0.2	0.2	0.2
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	0.8	0.6	0.4	0.4
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	3.0	2.6	1.9	1.6
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	5.2	5.6	4.4	5.0
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	4.1	3.8	3.0	2.9
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	7.9	9.4	7.9	8.8
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	2.8	2.5	2.3	2.0
4. Pembinaan Construction	13.5	10.3	6.1	7.0
5. Perkhidmatan Services	53.1	57.2	65.5	65.1
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	1.5	1.1	1.5	1.5
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	0.6	0.7	0.4	0.5
5.3 Perdagangan borong dan runcit Wholesale and retail trade	17.1	21.2	19.0	21.1
5.4 Pengangkutan dan penyimpanan Transportation and storage	5.8	5.2	5.0	4.5
5.5 Penginapan Accommodation	1.2	1.1	1.1	1.1
5.6 Makanan dan minuman Food and beverage	3.8	4.2	2.2	2.3
5.7 Maklumat dan komunikasi Information and communication	4.8	5.5	8.2	9.5
5.8 Kewangan Finance	7.1	7.0	12.5	7.7
5.9 Hartanah Real estate	1.1	1.2	1.6	1.9
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	4.1	4.0	6.3	6.4
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	1.6	1.5	1.5	1.3
5.12 Pendidikan swasta Private education	1.8	1.8	3.3	3.5
5.13 Kesihatan swasta dan kerja sosial Private health and social work	1.5	1.8	2.0	2.8
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	0.5	0.5	0.6	0.5
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	0.6	0.6	0.5	0.5
Jumlah Total	100	100	100	100

Pekerja sepenuh masa Full-time employee						Pekerja sambilan Part-time employees		Jumlah gaji & upah Total salaries & wages	
Juruteknik dan profesional bersekutu Technicians and associate professional		Perkeranian dan pekerjaan yang berkaitan Clerical and related occupations		Pekerja asas Elementary occupations					
2015	2022	2015	2022	2015	2022	2015	2022	2015	2022
1.2	0.9	5.8	4.3	2.0	3.4	2.7	2.2	3.2	2.7
0.7	0.6	4.7	3.6	1.2	2.9	2.0	1.7	2.5	2.2
0.1	0.1	0.4	0.4	0.4	0.4	0.2	0.2	0.3	0.3
0.3	0.1	0.4	0.2	0.2	0.1	0.3	0.2	0.3	0.1
0.1	0.0	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.1
6.3	3.6	1.4	0.8	1.1	0.3	0.2	0.1	3.2	2.1
30.7	32.9	32.1	32.8	14.1	15.3	6.0	4.1	26.6	27.4
2.6	2.3	3.7	3.8	2.4	2.6	1.8	0.9	2.9	2.9
0.2	0.2	0.3	0.2	0.3	0.1	0.0	0.0	0.2	0.2
1.0	0.5	1.1	0.8	0.8	0.9	0.8	0.7	0.8	0.6
2.3	2.1	4.0	3.4	3.4	3.1	0.9	0.8	2.9	2.6
6.3	7.1	6.1	6.5	2.1	2.6	0.6	0.3	5.1	5.6
3.9	3.9	5.4	4.6	2.3	2.9	0.8	0.5	4.1	3.8
11.2	14.0	8.1	10.4	1.8	2.1	0.4	0.6	7.8	9.3
3.1	2.8	3.4	3.1	0.9	1.0	0.7	0.3	2.8	2.5
9.0	8.7	22.4	14.7	4.3	3.9	2.2	3.9	13.4	10.3
52.9	54.0	38.4	47.4	78.4	77.1	89.0	89.6	53.5	57.6
4.7	2.3	0.9	0.6	0.6	0.7	0.1	0.0	1.5	1.1
0.6	1.2	0.6	0.6	1.1	1.1	0.1	0.3	0.6	0.7
13.7	15.9	15.2	20.8	23.6	28.8	51.7	45.1	17.5	21.5
6.6	5.7	5.4	4.8	11.8	9.3	2.6	2.4	5.8	5.2
1.1	0.5	0.9	0.9	3.7	3.0	1.8	2.0	1.2	1.1
0.5	0.5	3.0	3.4	19.6	18.6	19.2	23.2	3.9	4.4
8.4	10.4	1.5	2.0	2.5	1.7	0.8	1.7	4.7	5.4
6.1	5.9	3.7	7.3	2.3	3.8	1.6	3.9	7.0	7.0
0.7	0.8	0.9	0.8	0.7	0.5	0.7	0.6	1.1	1.2
4.4	5.0	2.3	2.3	3.6	2.2	2.2	2.2	4.1	4.0
1.0	1.3	1.4	1.3	4.3	3.4	1.6	1.8	1.6	1.5
1.4	1.5	0.7	0.7	1.0	0.8	2.7	2.7	1.8	1.8
2.7	2.5	0.9	1.0	0.7	0.9	1.2	0.9	1.5	1.8
0.4	0.4	0.4	0.4	1.3	1.1	1.2	1.5	0.5	0.5
0.4	0.4	0.6	0.6	1.6	1.1	1.6	1.4	0.6	0.6
100	100	100	100	100	100	100	100	100	100

Jenis aktiviti ekonomi Kind of economic activity	Pekerja sepenuh masa Full-time employee	
	Jumlah Total	Pengurus, profesional dan penyelidik Manager, professional and researcher
	CAGR 2022/2015	CAGR 2022/2015
1. Pertanian Agriculture	2.6	3.2
1.1 Tanaman Crops	3.2	4.3
1.2 Ternakan Livestock	4.0	6.2
1.3 Perhutanan dan pembalakan Forestry and logging	-7.5	-8.4
1.4 Perikanan Fisheries	3.9	4.4
2. Perlombongan & pengkuarian Mining & quarrying	-0.9	0.8
3. Pembuatan Manufacturing	5.8	5.3
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	5.5	4.7
3.2 Minuman dan produk tembakau Beverages and tobacco products	5.0	9.4
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	1.1	2.2
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	3.4	2.2
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	6.7	6.8
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	4.2	4.2
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	8.1	6.4
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	3.7	2.9
4. Pembinaan Construction	1.4	6.8
5. Perkhidmatan Services	6.5	4.7
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	0.9	4.8
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	7.7	9.1
5.3 Perdagangan borong dan runcit Wholesale and retail trade	8.7	6.3
5.4 Pengangkutan dan penyimpanan Transportation and storage	3.7	3.3
5.5 Penginapan Accommodation	4.4	5.2
5.6 Makanan dan minuman Food and beverage	6.9	5.3
5.7 Maklumat dan komunikasi Information and communication	7.4	7.1
5.8 Kewangan Finance	5.1	-2.2
5.9 Hartanah Real estate	6.3	7.4
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	5.0	5.2
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	4.2	2.7
5.12 Pendidikan swasta Private education	5.5	5.6
5.13 Kesihatan swasta dan kerja sosial Private health and social work	8.1	9.9
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	3.3	1.2
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	4.9	6.2
Jumlah Total	5.4	4.8

Pekerja sepenuh masa Full-time employee			Pekerja sambilan Part-time employees	Jumlah gaji & upah Total salaries & wages
Juruteknik dan profesional bersekutu Technicians and associate professional	Perkeranian dan pekerjaan yang berkaitan Clerical and related occupations	Pekerja asas Elementary occupations		
CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015
0.4	1.1	17.4	2.2	2.5
2.2	1.4	22.4	2.8	3.2
5.6	2.7	7.0	5.5	4.0
-10.9	-7.0	-4.7	-0.5	-7.4
0.9	3.7	6.1	-6.6	3.8
-3.6	-2.6	-11.2	-4.8	-0.9
5.4	5.8	9.9	-0.4	5.8
2.7	5.7	9.7	-4.6	5.4
5.3	4.4	-10.3	-4.7	5.0
-6.7	0.3	11.6	2.5	1.1
2.9	3.3	7.3	3.0	3.4
6.1	6.4	11.7	-4.7	6.7
4.3	3.4	11.9	-0.9	4.2
7.8	9.3	10.5	11.7	8.1
2.6	3.9	11.0	-5.9	3.6
3.9	-0.6	7.1	13.6	1.5
4.7	8.8	8.3	5.0	6.5
-6.0	0.4	10.6	-30.6	0.9
14.1	4.9	7.8	22.4	7.8
6.5	10.4	11.8	2.8	8.5
2.3	3.8	5.1	3.9	3.7
-7.6	5.4	5.2	6.5	4.4
4.0	7.0	7.8	7.7	7.0
7.6	9.7	2.8	17.2	7.5
3.7	16.6	16.3	19.4	5.2
5.6	4.8	4.2	3.3	6.3
6.1	5.1	1.5	4.8	5.0
7.7	4.4	4.9	6.1	4.2
4.9	5.4	5.6	5.1	5.5
3.0	6.8	13.9	1.6	8.1
1.2	4.3	6.5	8.1	3.5
4.3	4.9	3.3	3.1	4.9
4.4	5.5	8.6	4.9	5.4

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Pekerja sepenuh masa <i>Full-time employees</i>							
	Mahir <i>Skilled</i>		Separuh mahir <i>Semi-skilled</i>		Berkemahiran rendah <i>Low-skilled</i>		Jumlah <i>Total</i>	
	2015	2022	2015	2022	2015	2022	2015	2022
1. Pertanian <i>Agriculture</i>	1,255	1,504	6,249	6,755	370	1,135	7,874	9,394
1.1 Tanaman <i>Crops</i>	805	1,048	5,078	5,616	232	952	6,114	7,616
1.2 Ternakan <i>Livestock</i>	163	247	478	576	79	127	720	949
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	209	107	481	288	41	29	730	424
1.4 Perikanan <i>Fisheries</i>	80	103	212	274	18	28	310	405
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>	6,181	6,078	1,471	1,220	214	93	7,865	7,391
3. Pembuatan <i>Manufacturing</i>	28,025	40,350	34,669	51,615	2,636	5,094	65,330	97,059
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	2,667	3,554	4,027	5,947	450	861	7,144	10,362
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	203	359	280	379	64	30	547	768
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	658	623	1,213	1,243	143	309	2,015	2,175
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	2,289	2,697	4,273	5,373	635	1,036	7,196	9,106
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	5,575	8,722	6,601	10,183	399	864	12,575	19,769
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	3,766	5,028	5,795	7,321	435	956	9,996	13,305
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	9,985	15,859	8,758	16,313	344	691	19,087	32,863
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	2,882	3,507	3,722	4,857	166	346	6,771	8,710
4. Pembinaan <i>Construction</i>	7,835	11,789	24,193	23,182	809	1,304	32,838	36,275
5. Perkhidmatan <i>Services</i>	73,014	100,592	41,487	74,679	14,647	25,670	129,148	200,942
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	2,520	2,609	986	1,016	114	232	3,620	3,857
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	518	1,061	665	927	211	357	1,395	2,346
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	20,798	32,033	16,442	32,810	4,402	9,592	41,642	74,435
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	6,181	7,632	5,807	7,552	2,195	3,099	14,183	18,283
5.5 Penginapan <i>Accommodation</i>	1,275	1,577	988	1,428	698	995	2,962	3,999
5.6 Makanan dan minuman <i>Food and beverage</i>	2,165	3,094	3,285	5,275	3,670	6,203	9,119	14,572
5.7 Maklumat dan komunikasi <i>Information and communication</i>	9,546	15,551	1,632	3,124	460	557	11,638	19,232
5.8 Kewangan <i>Finance</i>	12,884	11,706	3,945	11,554	438	1,262	17,267	24,523
5.9 Hartanah <i>Real estate</i>	1,628	2,653	933	1,298	135	181	2,696	4,132
5.10 Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	6,818	9,811	2,529	3,586	665	737	10,013	14,134
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	1,634	2,091	1,482	2,006	806	1,124	3,922	5,220
5.12 Pendidikan swasta <i>Private education</i>	3,370	4,913	709	1,025	189	276	4,268	6,213
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	2,530	4,408	999	1,586	122	305	3,651	6,299
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	641	698	416	560	240	373	1,297	1,630
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	507	755	667	933	301	378	1,475	2,066
Jumlah <i>Total</i>	116,310	160,314	108,069	157,450	18,676	33,296	243,054	351,061

Nota / Notes:
Kategori pekerja mengikut kemahiran merujuk kepada pekerja sepenuh masa.
Category of persons engaged by skills refer to full-time employees.

Jenis aktiviti ekonomi <i>Kind of economic activity</i>		Pekerja sepenuh masa <i>Full-time paid employees</i>							
		Mahir <i>Skilled</i>		Separuh mahir <i>Semi-skilled</i>		Berkemahiran rendah <i>Low-skilled</i>		Jumlah <i>Total</i>	
		2015	2022	2015	2022	2015	2022	2015	2022
1. Pertanian <i>Agriculture</i>		1.1	0.9	5.8	4.3	2.0	3.4	3.2	2.7
1.1	Tanaman <i>Crops</i>	0.7	0.7	4.7	3.6	1.2	2.9	2.5	2.2
1.2	Ternakan <i>Livestock</i>	0.1	0.2	0.4	0.4	0.4	0.4	0.3	0.3
1.3	Perhutanan dan pembalakan <i>Forestry and logging</i>	0.2	0.1	0.4	0.2	0.2	0.1	0.3	0.1
1.4	Perikanan <i>Fisheries</i>	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>		5.3	3.8	1.4	0.8	1.1	0.3	3.2	2.1
3. Pembuatan <i>Manufacturing</i>		24.1	25.2	32.1	32.8	14.1	15.3	26.9	27.6
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	2.3	2.2	3.7	3.8	2.4	2.6	2.9	3.0
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	0.2	0.2	0.3	0.2	0.3	0.1	0.2	0.2
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	0.6	0.4	1.1	0.8	0.8	0.9	0.8	0.6
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	2.0	1.7	4.0	3.4	3.4	3.1	3.0	2.6
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	4.8	5.4	6.1	6.5	2.1	2.6	5.2	5.6
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	3.2	3.1	5.4	4.6	2.3	2.9	4.1	3.8
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	8.6	9.9	8.1	10.4	1.8	2.1	7.9	9.4
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	2.5	2.2	3.4	3.1	0.9	1.0	2.8	2.5
4. Pembinaan <i>Construction</i>		6.7	7.4	22.4	14.7	4.3	3.9	13.5	10.3
5. Perkhidmatan <i>Services</i>		62.8	62.7	38.4	47.4	78.4	77.1	53.1	57.2
5.1	Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	2.2	1.6	0.9	0.6	0.6	0.7	1.5	1.1
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	0.4	0.7	0.6	0.6	1.1	1.1	0.6	0.7
5.3	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	17.9	20.0	15.2	20.8	23.6	28.8	17.1	21.2
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	5.3	4.8	5.4	4.8	11.8	9.3	5.8	5.2
5.5	Penginapan <i>Accommodation</i>	1.1	1.0	0.9	0.9	3.7	3.0	1.2	1.1
5.6	Makanan dan minuman <i>Food and beverage</i>	1.9	1.9	3.0	3.4	19.6	18.6	3.8	4.2
5.7	Maklumat dan komunikasi <i>Information and communication</i>	8.2	9.7	1.5	2.0	2.5	1.7	4.8	5.5
5.8	Kewangan <i>Finance</i>	11.1	7.3	3.7	7.3	2.3	3.8	7.1	7.0
5.9	Hartanah <i>Real estate</i>	1.4	1.7	0.9	0.8	0.7	0.5	1.1	1.2
5.10	Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	5.9	6.1	2.3	2.3	3.6	2.2	4.1	4.0
5.11	Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	1.4	1.3	1.4	1.3	4.3	3.4	1.6	1.5
5.12	Pendidikan swasta <i>Private education</i>	2.9	3.1	0.7	0.7	1.0	0.8	1.8	1.8
5.13	Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	2.2	2.7	0.9	1.0	0.7	0.9	1.5	1.8
5.14	Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	0.6	0.4	0.4	0.4	1.3	1.1	0.5	0.5
5.15	Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	0.4	0.5	0.6	0.6	1.6	1.1	0.6	0.6
Jumlah <i>Total</i>		100	100	100	100	100	100	100	100

Nota / Notes:

Kategori pekerja mengikut kemahiran merujuk kepada pekerja sepenuh masa.
Category of persons engaged by skills refer to full-time employees.

Jenis aktiviti ekonomi Kind of economic activity	Pekerja sepenuh masa Full-time paid employees			
	Mahir Skilled	Sepuluh mahir Semi-skilled	Berkemahiran rendah Low-skilled	Jumlah Total
	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015
1. Pertanian Agriculture	2.6	1.1	17.4	2.6
1.1 Tanaman Crops	3.8	1.4	22.4	3.2
1.2 Ternakan Livestock	6.1	2.7	7.0	4.0
1.3 Perhutanan dan pembalakan Forestry and logging	-9.1	-7.0	-4.7	-7.5
1.4 Perikanan Fisheries	3.8	3.7	6.1	3.9
2. Perlombongan & pengkuarian Mining & quarrying	-0.2	-2.6	-11.2	-0.9
3. Pembuatan Manufacturing	5.3	5.8	9.9	5.8
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	4.2	5.7	9.7	5.5
3.2 Minuman dan produk tembakau Beverages and tobacco products	8.5	4.4	-10.3	5.0
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	-0.8	0.3	11.6	1.1
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	2.4	3.3	7.3	3.4
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	6.6	6.4	11.7	6.7
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	4.2	3.4	11.9	4.2
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	6.8	9.3	10.5	8.1
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	2.8	3.9	11.0	3.7
4. Pembinaan Construction	6.0	-0.6	7.1	1.4
5. Perkhidmatan Services	4.7	8.8	8.3	6.5
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	0.5	0.4	10.6	0.9
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	10.8	4.9	7.8	7.7
5.3 Perdagangan borong dan runcit Wholesale and retail trade	6.4	10.4	11.8	8.7
5.4 Pengangkutan dan penyimpanan Transportation and storage	3.1	3.8	5.1	3.7
5.5 Penginapan Accommodation	3.1	5.4	5.2	4.4
5.6 Makanan dan minuman Food and beverage	5.2	7.0	7.8	6.9
5.7 Maklumat dan komunikasi Information and communication	7.2	9.7	2.8	7.4
5.8 Kewangan Finance	-1.4	16.6	16.3	5.1
5.9 Hartanah Real estate	7.2	4.8	4.2	6.3
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	5.3	5.1	1.5	5.0
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	3.6	4.4	4.9	4.2
5.12 Pendidikan swasta Private education	5.5	5.4	5.6	5.5
5.13 Kesihatan swasta dan kerja sosial Private health and social work	8.3	6.8	13.9	8.1
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	1.2	4.3	6.5	3.3
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	5.9	4.9	3.3	4.9
Jumlah Total	4.7	5.5	8.6	5.4

Nota / Notes:
Kategori pekerja mengikut kemahiran merujuk kepada pekerja sepenuh masa.
Category of persons engaged by skills refer to full-time employees.

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Johor		Kedah		Kelantan	
	2015	2022	2015	2022	2015	2022
1. Pertanian <i>Agriculture</i>	1,079	1,295	192	221	188	184
1.1 Tanaman <i>Crops</i>	842	1,009	153	153	123	163
1.2 Ternakan <i>Livestock</i>	171	197	19	33	4	4
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	13	17	8	12	49	14
1.4 Perikanan <i>Fisheries</i>	52	72	12	23	13	3
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>	162	161	14	14	62	64
3. Pembuatan <i>Manufacturing</i>	12,245	18,027	2,781	4,646	322	466
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	1,695	2,231	198	280	55	74
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	71	100	9	7	2	3
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	600	691	28	53	24	22
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	1,417	2,189	239	343	62	79
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	2,611	3,877	589	1,044	78	103
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	2,054	2,878	227	406	57	80
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	3,043	4,946	1,186	2,144	39	95
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	755	1,116	306	369	6	12
4. Pembinaan <i>Construction</i>	5,953	4,468	604	842	434	458
5. Perkhidmatan <i>Services</i>	9,541	15,667	2,770	4,368	1,296	2,033
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	52	136	9	22	6	9
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	226	503	73	108	23	27
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	3,780	6,554	1,194	2,128	729	1,209
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	1,343	1,801	178	222	61	78
5.5 Penginapan <i>Accommodation</i>	221	432	208	253	33	70
5.6 Makanan dan minuman <i>Food and beverage</i>	882	1,597	297	462	156	236
5.7 Maklumat dan komunikasi <i>Information and communication</i>	91	120	14	18	1	1
5.8 Kewangan <i>Finance</i>	870	1,309	220	298	71	86
5.9 Hartanah <i>Real estate</i>	249	347	47	76	8	13
5.10 Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	613	893	113	159	49	72
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	263	346	105	129	24	31
5.12 Pendidikan swasta <i>Private education</i>	311	572	116	178	62	66
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	331	648	134	213	51	101
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	96	134	32	49	8	14
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	213	276	29	53	13	21
Jumlah <i>Total</i>	28,979	39,618	6,361	10,090	2,303	3,205

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Melaka		Negeri Sembilan		Pahang	
	2015	2022	2015	2022	2015	2022
1. Pertanian <i>Agriculture</i>	196	229	278	297	761	916
1.1 Tanaman <i>Crops</i>	124	110	205	232	653	825
1.2 Ternakan <i>Livestock</i>	68	115	62	52	18	26
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	2	1	5	6	64	45
1.4 Perikanan <i>Fisheries</i>	1	3	6	8	26	20
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>	10	13	49	47	361	143
3. Pembuatan <i>Manufacturing</i>	2,716	4,376	2,645	4,483	1,354	2,270
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	221	335	193	347	239	435
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	3	7	20	156	7	10
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	156	80	57	113	9	10
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	177	253	331	329	233	393
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	496	714	579	912	423	668
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	250	452	404	576	199	405
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	1,087	2,162	873	1,661	82	150
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	326	373	188	389	164	199
4. Pembinaan <i>Construction</i>	478	570	1,022	1,194	1,593	1,269
5. Perkhidmatan <i>Services</i>	2,611	4,033	2,362	3,609	2,463	3,847
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	35	30	25	39	12	15
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	50	38	81	85	70	89
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	1,166	2,119	878	1,564	983	1,789
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	131	144	191	272	193	249
5.5 Penginapan <i>Accommodation</i>	114	166	87	110	317	361
5.6 Makanan dan minuman <i>Food and beverage</i>	202	328	255	374	294	516
5.7 Maklumat dan komunikasi <i>Information and communication</i>	11	17	15	19	7	9
5.8 Kewangan <i>Finance</i>	197	248	180	217	174	203
5.9 Hartanah <i>Real estate</i>	47	69	31	58	33	46
5.10 Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	127	168	119	163	83	123
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	64	82	108	132	59	77
5.12 Pendidikan swasta <i>Private education</i>	223	254	200	257	90	92
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	159	253	135	229	76	156
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	47	65	27	38	50	78
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	38	51	29	51	24	42
Jumlah <i>Total</i>	6,010	9,221	6,356	9,630	6,533	8,446

Pulau Pinang		Perak		Perlis*		Selangor		Terengganu		Sabah	
2015	2022	2015	2022	2015	2022	2015	2022	2015	2022	2015	2022
92	191	700	751	3	6	478	512	221	276	2,202	2,883
32	70	426	475	2	2	375	357	196	255	1,975	2,659
42	81	154	137	0	1	80	110	6	2	49	106
-	3	23	21	-	-	1	9	10	9	136	61
18	38	98	118	1	3	21	36	9	10	43	57
52	64	131	169	9	8.4	391	486	150	96	736	751
10,431	18,526	3,479	5,316	127	124.4	21,286	29,845	981	1,541	1,281	1,683
386	725	450	695	23	14	2,184	3,569	40	87	564	735
23	18	34	53	0	3	324	344	1	1	10	20
376	283	134	136	3	4	448	616	19	21	22	28
561	852	293	315	3	3	2,101	2,836	72	76	355	403
864	1,581	879	1,636	60	75	4,274	6,607	731	1,059	73	186
921	1,488	638	846	} 33 }	} 24 }	3,974	4,668	57	148	172	214
6,671	12,393	870	1,343			4,670	7,049	5	20	15	11
631	1,186	183	294	3	2	3,312	4,155	56	129	70	85
1,943	2,223	1,641	1,838	83	74.1	8,605	10,290	955	1,009	1,356	1,765
6,553	10,176	4,618	7,416	353	583.6	42,080	64,909	1,311	2,149	4,612	7,494
19	27	77	91	15	17	173	241	11	30	235	286
104	157	52	75	4	8	387	634	24	34	50	97
2,418	4,222	2,178	3,974	110	226	12,244	22,113	515	952	1,807	3,464
556	814	282	343	20	25	8,215	10,110	139	191	530	624
258	302	125	190	7	10	360	432	88	125	254	405
532	1,002	513	810	45	96	3,348	4,658	173	303	401	654
320	375	33	44	1	1	4,937	8,037	5	8	24	30
712	899	373	457	105	125	3,232	4,905	89	106	393	560
172	286	96	160	3	5	912	1,331	14	22	113	145
470	642	191	261	7	13	3,663	5,137	77	115	262	365
185	252	102	154	14	19	1,291	1,929	51	74	157	167
201	231	228	264	11	17	1,600	2,562	69	76	131	225
410	670	234	377	7	13	1,008	1,743	33	72	107	211
58	90	62	116	2	5	366	474	15	25	91	174
137	207	71	101	2	4	347	602	8	17	55	87
19,071	31,180	10,570	15,491	575	796	72,840	106,042	3,618	5,072	10,187	14,576

Nota / Notes:

* Termasuk Produk mineral bukan logam, logam asas dan produk logam yang direka dan Produk elektrik, elektronik dan optikal

Included Non-metallic mineral products, basic metal and fabricated metal products sub-sector and Electrical, electronic and optical products sub-sector

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Sarawak		Wilayah Persekutuan**		Supra***	
	2015	2022	2015	2022	2015	2022
1. Pertanian <i>Agriculture</i>	1,554	1,714	4	4	n.a	n.a
1.1 Tanaman <i>Crops</i>	1,061	1,371	3	3	n.a	n.a
1.2 Ternakan <i>Livestock</i>	51	93	0	1	n.a	n.a
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	427	234	-	-	n.a	n.a
1.4 Perikanan <i>Fisheries</i>	14	17	1	0	n.a	n.a
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>	1,582	1,879	1,134	510	3,026	2,990
3. Pembuatan <i>Manufacturing</i>	2,667	4,263	3,181	1,653	n.a	n.a
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	350	682	598	191	n.a	n.a
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	21	42	22	6	n.a	n.a
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	12	20	150	125	n.a	n.a
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	873	753	505	313	n.a	n.a
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	516	914	419	405	n.a	n.a
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	363	843	673	296	n.a	n.a
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	317	799	239	111	n.a	n.a
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	215	209	575	205	n.a	n.a
4. Pembinaan <i>Construction</i>	2,379	2,940	5,853	7,486	n.a	n.a
5. Perkhidmatan <i>Services</i>	5,975	9,362	45,071	68,768	n.a	n.a
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	222	413	2,731	2,501	n.a	n.a
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	84	185	169	318	n.a	n.a
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	2,270	4,050	12,804	21,817	n.a	n.a
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	868	1,168	1,546	2,336	n.a	n.a
5.5 Penginapan <i>Accommodation</i>	180	245	756	975	n.a	n.a
5.6 Makanan dan minuman <i>Food and beverage</i>	486	707	2,066	3,727	n.a	n.a
5.7 Maklumat dan komunikasi <i>Information and communication</i>	65	117	6,136	10,500	n.a	n.a
5.8 Kewangan <i>Finance</i>	565	719	10,132	14,543	n.a	n.a
5.9 Hartanah <i>Real estate</i>	144	215	847	1,384	n.a	n.a
5.10 Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	418	544	3,881	5,561	n.a	n.a
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	152	256	1,393	1,640	n.a	n.a
5.12 Pendidikan swasta <i>Private education</i>	238	305	861	1,219	n.a	n.a
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	150	257	848	1,391	n.a	n.a
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	51	82	427	345	n.a	n.a
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	80	98	473	510	n.a	n.a
Jumlah <i>Total</i>	14,156	20,159	55,244	78,421	3,026	2,990

Nota / Notes:

** Termasuk Wilayah Persekutuan Kuala Lumpur, Labuan dan Putrajaya

Included Federal Territory Kuala Lumpur, Labuan and Putrajaya

*** Merangkumi aktiviti pengeluaran yang melangkaui pusat kepentingan ekonomi utama bagi mana-mana negeri

Comprises of production activities that beyond the centre of predominant economic interest for any state

Jenis aktiviti ekonomi <i>Kind of economic activity</i>		Johor		Kedah		Kelantan	
		2015	2022	2015	2022	2015	2022
1. Pertanian <i>Agriculture</i>		3.7	3.3	3.0	2.2	8.2	5.7
1.1	Tanaman <i>Crops</i>	2.9	2.5	2.4	1.5	5.4	5.1
1.2	Terbudi <i>Livestock</i>	0.6	0.5	0.3	0.3	0.2	0.1
1.3	Perhutanan dan pembalakan <i>Forestry and logging</i>	0.0	0.0	0.1	0.1	2.1	0.4
1.4	Perikanan <i>Fisheries</i>	0.2	0.2	0.2	0.2	0.5	0.1
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>		0.6	0.4	0.2	0.1	2.7	2.0
3. Pembuatan <i>Manufacturing</i>		42.3	45.5	43.7	46.0	14.0	14.6
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	5.8	5.6	3.1	2.8	2.4	2.3
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	0.2	0.3	0.1	0.1	0.1	0.1
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	2.1	1.7	0.4	0.5	1.0	0.7
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	4.9	5.5	3.8	3.4	2.7	2.5
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	9.0	9.8	9.3	10.3	3.4	3.2
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	7.1	7.3	3.6	4.0	2.5	2.5
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	10.5	12.5	18.6	21.2	1.7	3.0
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	2.6	2.8	4.8	3.7	0.3	0.4
4. Pembinaan <i>Construction</i>		20.5	11.3	9.5	8.3	18.8	14.3
5. Perkhidmatan <i>Services</i>		32.9	39.5	43.5	43.3	56.3	63.4
5.1	Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	0.2	0.3	0.1	0.2	0.3	0.3
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	0.8	1.3	1.1	1.1	1.0	0.8
5.3	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	13.0	16.5	18.8	21.1	31.7	37.7
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	4.6	4.5	2.8	2.2	2.6	2.4
5.5	Penginapan <i>Accommodation</i>	0.8	1.1	3.3	2.5	1.5	2.2
5.6	Makanan dan minuman <i>Food and beverage</i>	3.0	4.0	4.7	4.6	6.8	7.4
5.7	Maklumat dan komunikasi <i>Information and communication</i>	0.3	0.3	0.2	0.2	0.0	0.0
5.8	Kewangan <i>Finance</i>	3.0	3.3	3.5	3.0	3.1	2.7
5.9	Hartanah <i>Real estate</i>	0.9	0.9	0.7	0.8	0.3	0.4
5.10	Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	2.1	2.3	1.8	1.6	2.1	2.2
5.11	Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	0.9	0.9	1.7	1.3	1.1	1.0
5.12	Pendidikan swasta <i>Private education</i>	1.1	1.4	1.8	1.8	2.7	2.1
5.13	Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	1.1	1.6	2.1	2.1	2.2	3.1
5.14	Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	0.3	0.3	0.5	0.5	0.4	0.4
5.15	Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	0.7	0.7	0.5	0.5	0.5	0.7
Jumlah <i>Total</i>		100	100	100	100	100	100

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Melaka		Negeri Sembilan		Pahang	
	2015	2022	2015	2022	2015	2022
1. Pertanian <i>Agriculture</i>	3.3	2.5	4.4	3.1	11.7	10.8
1.1 Tanaman <i>Crops</i>	2.1	1.2	3.2	2.4	10.0	9.8
1.2 Ternakan <i>Livestock</i>	1.1	1.3	1.0	0.5	0.3	0.3
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	0.0	0.0	0.1	0.1	1.0	0.5
1.4 Perikanan <i>Fisheries</i>	0.0	0.0	0.1	0.1	0.4	0.2
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>	0.2	0.1	0.8	0.5	5.5	1.7
3. Pembuatan <i>Manufacturing</i>	45.2	47.5	41.6	46.5	20.7	26.9
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	3.7	3.6	3.0	3.6	3.7	5.1
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	0.1	0.1	0.3	1.6	0.1	0.1
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	2.6	0.9	0.9	1.2	0.1	0.1
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	2.9	2.7	5.2	3.4	3.6	4.7
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	8.3	7.7	9.1	9.5	6.5	7.9
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	4.2	4.9	6.3	6.0	3.0	4.8
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	18.1	23.5	13.7	17.2	1.3	1.8
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	5.4	4.0	3.0	4.0	2.5	2.4
4. Pembinaan <i>Construction</i>	7.9	6.2	16.1	12.4	24.4	15.0
5. Perkhidmatan <i>Services</i>	43.4	43.7	37.2	37.5	37.7	45.5
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	0.6	0.3	0.4	0.4	0.2	0.2
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	0.8	0.4	1.3	0.9	1.1	1.1
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	19.4	23.0	13.8	16.2	15.0	21.2
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	2.2	1.6	3.0	2.8	2.9	3.0
5.5 Penginapan <i>Accommodation</i>	1.9	1.8	1.4	1.1	4.8	4.3
5.6 Makanan dan minuman <i>Food and beverage</i>	3.4	3.6	4.0	3.9	4.5	6.1
5.7 Maklumat dan komunikasi <i>Information and communication</i>	0.2	0.2	0.2	0.2	0.1	0.1
5.8 Kewangan <i>Finance</i>	3.3	2.7	2.8	2.3	2.7	2.4
5.9 Hartanah <i>Real estate</i>	0.8	0.7	0.5	0.6	0.5	0.5
5.10 Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	2.1	1.8	1.9	1.7	1.3	1.5
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	1.1	0.9	1.7	1.4	0.9	0.9
5.12 Pendidikan swasta <i>Private education</i>	3.7	2.8	3.1	2.7	1.4	1.1
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	2.6	2.7	2.1	2.4	1.2	1.8
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	0.8	0.7	0.4	0.4	0.8	0.9
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	0.6	0.6	0.5	0.5	0.4	0.5
Jumlah <i>Total</i>	100	100	100	100	100	100

Pulau Pinang		Perak		Perlis*		Selangor		Terengganu		Sabah	
2015	2022	2015	2022	2015	2022	2015	2022	2015	2022	2015	2022
0.5	0.6	6.6	4.9	0.5	0.7	0.7	0.5	6.1	5.4	21.6	19.8
0.2	0.2	4.0	3.1	0.3	0.3	0.5	0.3	5.4	5.0	19.4	18.2
0.2	0.3	1.5	0.9	0.1	0.1	0.1	0.1	0.2	0.0	0.5	0.7
-	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.3	0.2	1.3	0.4
0.1	0.1	0.9	0.8	0.2	0.4	0.0	0.0	0.3	0.2	0.4	0.4
0.3	0.2	1.2	1.1	1.5	1.1	0.5	0.5	4.1	1.9	7.2	5.2
54.7	59.4	32.9	34.3	22.0	15.6	29.2	28.1	27.1	30.4	12.6	11.5
2.0	2.3	4.3	4.5	4.0	1.7	3.0	3.4	1.1	1.7	5.5	5.0
0.1	0.1	0.3	0.3	0.1	0.3	0.4	0.3	0.0	0.0	0.1	0.1
2.0	0.9	1.3	0.9	0.6	0.5	0.6	0.6	0.5	0.4	0.2	0.2
2.9	2.7	2.8	2.0	0.5	0.4	2.9	2.7	2.0	1.5	3.5	2.8
4.5	5.1	8.3	10.6	10.5	9.4	5.9	6.2	20.2	20.9	0.7	1.3
4.8	4.8	6.0	5.5	} 5.7 }	} 3.1 }	5.5	4.4	1.6	2.9	1.7	1.5
35.0	39.7	8.2	8.7			6.4	6.6	0.1	0.4	0.1	0.1
3.3	3.8	1.7	1.9	0.6	0.2	4.5	3.9	1.5	2.5	0.7	0.6
10.2	7.1	15.5	11.9	14.4	9.3	11.8	9.7	26.4	19.9	13.3	12.1
34.4	32.6	43.7	47.9	61.5	73.3	57.8	61.2	36.2	42.4	45.3	51.4
0.1	0.1	0.7	0.6	2.7	2.2	0.2	0.2	0.3	0.6	2.3	2.0
0.5	0.5	0.5	0.5	0.8	1.0	0.5	0.6	0.7	0.7	0.5	0.7
12.7	13.5	20.6	25.7	19.2	28.3	16.8	20.9	14.2	18.8	17.7	23.8
2.9	2.6	2.7	2.2	3.5	3.1	11.3	9.5	3.9	3.8	5.2	4.3
1.4	1.0	1.2	1.2	1.2	1.2	0.5	0.4	2.4	2.5	2.5	2.8
2.8	3.2	4.9	5.2	7.8	12.0	4.6	4.4	4.8	6.0	3.9	4.5
1.7	1.2	0.3	0.3	0.1	0.1	6.8	7.6	0.1	0.1	0.2	0.2
3.7	2.9	3.5	2.9	18.2	15.7	4.4	4.6	2.5	2.1	3.9	3.8
0.9	0.9	0.9	1.0	0.5	0.6	1.3	1.3	0.4	0.4	1.1	1.0
2.5	2.1	1.8	1.7	1.3	1.6	5.0	4.8	2.1	2.3	2.6	2.5
1.0	0.8	1.0	1.0	2.4	2.4	1.8	1.8	1.4	1.5	1.5	1.1
1.1	0.7	2.2	1.7	2.0	2.1	2.2	2.4	1.9	1.5	1.3	1.5
2.1	2.2	2.2	2.4	1.2	1.6	1.4	1.6	0.9	1.4	1.1	1.4
0.3	0.3	0.6	0.7	0.3	0.6	0.5	0.4	0.4	0.5	0.9	1.2
0.7	0.7	0.7	0.7	0.4	0.5	0.5	0.6	0.2	0.3	0.5	0.6
100	100	100	100	100	100	100	100	100	100	100	100

Nota / Notes:

* Termasuk Produk mineral bukan logam, logam asas dan produk logam yang direka dan Produk elektrik, elektronik dan optikal

Included Non-metallic mineral products, basic metal and fabricated metal products sub-sector and Electrical, electronic and optical products sub-sector

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Sarawak		Wilayah Persekutuan**		Supra***	
	2015	2022	2015	2022	2015	2022
1. Pertanian <i>Agriculture</i>	11.0	8.5	0.0	0.0	n.a	n.a
1.1 Tanaman <i>Crops</i>	7.5	6.8	0.0	0.0	n.a	n.a
1.2 Ternakan <i>Livestock</i>	0.4	0.5	0.0	0.0	n.a	n.a
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	3.0	1.2	-	-	n.a	n.a
1.4 Perikanan <i>Fisheries</i>	0.1	0.1	0.0	0.0	n.a	n.a
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>	11.2	9.3	2.1	0.7	100	100
3. Pembuatan <i>Manufacturing</i>	18.8	21.1	5.8	2.1	n.a	n.a
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	2.5	3.4	1.1	0.2	n.a	n.a
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	0.1	0.2	0.0	0.0	n.a	n.a
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	0.1	0.1	0.3	0.2	n.a	n.a
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	6.2	3.7	0.9	0.4	n.a	n.a
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	3.6	4.5	0.8	0.5	n.a	n.a
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	2.6	4.2	1.2	0.4	n.a	n.a
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	2.2	4.0	0.4	0.1	n.a	n.a
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	1.5	1.0	1.0	0.3	n.a	n.a
4. Pembinaan <i>Construction</i>	16.8	14.6	10.6	9.5	n.a	n.a
5. Perkhidmatan <i>Services</i>	42.2	46.4	81.6	87.7	n.a	n.a
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	1.6	2.0	4.9	3.2	n.a	n.a
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	0.6	0.9	0.3	0.4	n.a	n.a
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	16.0	20.1	23.2	27.8	n.a	n.a
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	6.1	5.8	2.8	3.0	n.a	n.a
5.5 Penginapan <i>Accommodation</i>	1.3	1.2	1.4	1.2	n.a	n.a
5.6 Makanan dan minuman <i>Food and beverage</i>	3.4	3.5	3.7	4.8	n.a	n.a
5.7 Maklumat dan komunikasi <i>Information and communication</i>	0.5	0.6	11.1	13.4	n.a	n.a
5.8 Kewangan <i>Finance</i>	4.0	3.6	18.3	18.5	n.a	n.a
5.9 Hartanah <i>Real estate</i>	1.0	1.1	1.5	1.8	n.a	n.a
5.10 Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	3.0	2.7	7.0	7.1	n.a	n.a
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	1.1	1.3	2.5	2.1	n.a	n.a
5.12 Pendidikan swasta <i>Private education</i>	1.7	1.5	1.6	1.6	n.a	n.a
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	1.1	1.3	1.5	1.8	n.a	n.a
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	0.4	0.4	0.8	0.4	n.a	n.a
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	0.6	0.5	0.9	0.7	n.a	n.a
Jumlah <i>Total</i>	100	100	100	100	100	100

Nota / Notes:

** Termasuk Wilayah Persekutuan Kuala Lumpur, Labuan dan Putrajaya

Included Federal Territory Kuala Lumpur, Labuan and Putrajaya

*** Merangkumi aktiviti pengeluaran yang melangkaui pusat kepentingan ekonomi utama bagi mana-mana negeri

Comprises of production activities that beyond the centre of predominant economic interest for any state

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Johor	Kedah	Kelantan	Melaka
	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015
1. Pertanian <i>Agriculture</i>	2.6	2.0	-0.3	2.3
1.1 Tanaman <i>Crops</i>	2.6	-0.1	4.1	-1.8
1.2 Ternakan <i>Livestock</i>	2.0	7.9	2.4	7.8
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	3.6	6.3	-16.7	-16.3
1.4 Perikanan <i>Fisheries</i>	4.9	10.2	-19.1	14.6
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>	-0.1	-0.7	0.3	4.0
3. Pembuatan <i>Manufacturing</i>	5.7	7.6	5.4	7.0
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	4.0	5.1	4.4	6.1
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	4.9	-2.5	1.2	12.1
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	2.1	9.5	-1.5	-9.1
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	6.4	5.3	3.5	5.3
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	5.8	8.5	4.0	5.3
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	4.9	8.7	5.1	8.8
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	7.2	8.8	13.7	10.3
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	5.7	2.7	10.4	1.9
4. Pembinaan <i>Construction</i>	-4.0	4.9	0.8	2.6
5. Perkhidmatan <i>Services</i>	7.3	6.7	6.6	6.4
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	14.7	12.8	4.3	-2.3
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	12.1	5.7	1.9	-3.8
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	8.2	8.6	7.5	8.9
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	4.3	3.2	3.6	1.3
5.5 Penginapan <i>Accommodation</i>	10.0	2.8	11.1	5.5
5.6 Makanan dan minuman <i>Food and beverage</i>	8.9	6.5	6.1	7.2
5.7 Maklumat dan komunikasi <i>Information and communication</i>	4.0	3.2	8.5	7.0
5.8 Kewangan <i>Finance</i>	6.0	4.4	2.8	3.3
5.9 Hartanah <i>Real estate</i>	4.8	6.9	7.3	5.7
5.10 Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	5.5	5.0	5.6	4.1
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	4.0	3.0	3.7	3.7
5.12 Pendidikan swasta <i>Private education</i>	9.1	6.3	0.8	1.9
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	10.1	6.9	10.1	6.9
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	4.8	6.6	8.0	4.8
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	3.8	8.6	7.6	4.4
Jumlah <i>Total</i>	4.6	6.8	4.8	6.3

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Negeri Sembilan	Pahang	Pulau Pinang	Perak
	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015
1. Pertanian <i>Agriculture</i>	0.9	2.7	11.1	1.0
1.1 Tanaman <i>Crops</i>	1.8	3.4	12.0	1.6
1.2 Ternakan <i>Livestock</i>	-2.5	5.2	9.8	-1.6
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	2.9	-4.8	n.a	-1.2
1.4 Perikanan <i>Fisheries</i>	2.9	-3.9	11.2	2.7
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>	-0.4	-12.4	2.9	3.7
3. Pembuatan <i>Manufacturing</i>	7.8	7.7	8.6	6.2
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	8.8	8.9	9.4	6.4
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	33.9	5.3	-3.5	6.7
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	10.2	2.2	-4.0	0.2
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	-0.1	7.8	6.2	1.0
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	6.7	6.7	9.0	9.3
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	5.2	10.7	7.1	4.1
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	9.6	9.0	9.3	6.4
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	10.9	2.9	9.4	7.0
4. Pembinaan <i>Construction</i>	2.2	-3.2	1.9	1.6
5. Perkhidmatan <i>Services</i>	6.2	6.6	6.5	7.0
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	6.8	3.2	5.4	2.5
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	0.6	3.5	6.1	5.3
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	8.6	8.9	8.3	9.0
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	5.1	3.7	5.6	2.8
5.5 Penginapan <i>Accommodation</i>	3.4	1.9	2.3	6.1
5.6 Makanan dan minuman <i>Food and beverage</i>	5.6	8.4	9.5	6.7
5.7 Maklumat dan komunikasi <i>Information and communication</i>	4.1	3.4	2.3	3.9
5.8 Kewangan <i>Finance</i>	2.8	2.2	3.4	2.9
5.9 Hartanah <i>Real estate</i>	9.5	4.9	7.5	7.6
5.10 Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	4.5	5.9	4.6	4.6
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	2.8	4.0	4.5	6.1
5.12 Pendidikan swasta <i>Private education</i>	3.7	0.4	2.0	2.1
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	7.8	10.8	7.3	7.0
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	5.1	6.5	6.4	9.5
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	8.1	8.5	6.0	5.2
Jumlah <i>Total</i>	6.1	3.7	7.3	5.6

Perlis*	Selangor	Terengganu	Sabah	Sarawak	Wilayah Persekutuan**	Supra***
CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015
9.5	1.0	3.2	3.9	1.4	-0.7	n.a
2.2	-0.7	3.8	4.3	3.7	-0.1	n.a
14.6	4.7	-15.9	11.6	8.9	35.1	n.a
n.a	31.9	-1.5	-10.7	-8.2	-	n.a
16.4	7.7	1.3	4.3	2.5	-36.1	n.a
-0.5	3.1	-6.1	0.3	2.5	-10.8	-0.2
-0.2	4.9	6.7	4.0	6.9	-8.9	n.a
-7.1	7.3	11.8	3.8	10.0	-15.1	n.a
27.2	0.9	-2.6	10.2	10.7	-16.8	n.a
3.0	4.7	1.2	3.6	7.8	-2.6	n.a
-0.7	4.4	0.9	1.8	-2.1	-6.6	n.a
3.1	6.4	5.4	14.3	8.5	-0.5	n.a
}	2.3	14.7	3.2	12.8	-11.1	n.a
	6.1	21.3	-3.7	14.1	-10.4	n.a
-8.6	3.3	12.7	2.7	-0.4	-13.7	n.a
-1.6	2.6	0.8	3.8	3.1	3.6	n.a
7.4	6.4	7.3	7.2	6.6	6.2	n.a
1.7	4.9	14.8	2.9	9.3	-1.2	n.a
9.6	7.3	5.3	9.9	12.0	9.5	n.a
10.7	8.8	9.2	9.7	8.6	7.9	n.a
2.9	3.0	4.6	2.3	4.3	6.1	n.a
4.7	2.6	5.2	6.9	4.5	3.7	n.a
11.6	4.8	8.3	7.2	5.5	8.8	n.a
7.2	7.2	7.0	3.6	8.7	8.0	n.a
2.6	6.1	2.5	5.2	3.5	5.3	n.a
9.1	5.5	6.8	3.6	5.9	7.3	n.a
8.3	5.0	6.0	4.9	3.8	5.3	n.a
4.6	5.9	5.4	0.9	7.7	2.4	n.a
5.9	7.0	1.4	8.0	3.6	5.1	n.a
9.1	8.1	11.7	10.1	8.0	7.3	n.a
17.0	3.8	7.3	9.7	7.0	-3.0	n.a
9.9	8.2	10.7	6.9	3.0	1.1	n.a
4.8	5.5	4.9	5.3	5.2	5.1	-0.2

Nota / Notes:

* Termasuk Produk mineral bukan logam, logam asas dan produk logam yang direka dan Produk elektrik, elektronik dan optikal

Included Non-metallic mineral products, basic metal and fabricated metal products sub-sector and Electrical, electronic and optical products sub-sector

** Termasuk Wilayah Persekutuan Kuala Lumpur, Labuan dan Putrajaya

Included Federal Territory Kuala Lumpur, Labuan and Putrajaya

*** Merangkumi aktiviti pengeluaran yang melangkaui pusat kepentingan ekonomi utama bagi mana-mana negeri

Jenis aktiviti ekonomi Kind of economic activity	Pekerja sepenuh masa Full-time employees			
	Jumlah pekerja sepenuh masa Total full-time employees		Pengurus, profesional dan penyelidik Manager, professional and researcher	
	2015	2022	2015	2022
1. Pertanian Agriculture	1,486	1,837	4,173	4,847
1.1 Tanaman Crops	1,378	1,754	3,589	4,519
1.2 Ternakan Livestock	1,838	2,213	6,116	6,691
1.3 Perhutanan dan pembalakan Forestry and logging	2,423	2,570	6,548	4,418
1.4 Perikanan Fisheries	1,828	2,275	4,518	5,509
2. Perlombongan & pengkuarian Mining & quarrying	8,006	9,446	25,783	24,023
3. Pembuatan Manufacturing	2,623	3,526	8,702	10,810
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	2,424	3,078	9,310	10,123
3.2 Minuman dan produk tembakau Beverages and tobacco products	2,740	3,744	8,681	13,467
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	1,840	2,299	6,313	7,153
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	2,052	2,555	6,983	7,497
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	2,801	3,787	9,797	12,109
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	2,562	3,315	8,469	9,486
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	3,018	4,364	8,977	12,667
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	2,773	3,246	8,140	8,948
4. Pembinaan Construction	2,168	2,559	6,568	6,555
5. Perkhidmatan Services	2,821	3,606	6,828	7,171
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	6,314	6,328	13,696	14,482
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	2,402	3,333	7,559	7,528
5.3 Perdagangan borong dan runcit Wholesale and retail trade	2,695	3,858	10,113	11,777
5.4 Pengangkutan dan penyimpanan Transportation and storage	3,293	3,585	8,780	9,119
5.5 Penginapan Accommodation	2,024	2,459	4,947	5,362
5.6 Makanan dan minuman Food and beverage	1,334	1,754	2,640	3,106
5.7 Maklumat dan komunikasi Information and communication	4,836	6,495	8,855	10,758
5.8 Kewangan Finance	4,555	5,514	8,548	5,859
5.9 Hartanah Real estate	3,031	3,665	4,344	5,503
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	2,935	3,603	4,816	5,090
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	2,050	2,294	4,165	4,388
5.12 Pendidikan swasta Private education	3,029	3,583	4,002	4,449
5.13 Kesihatan swasta dan kerja sosial Private health and social work	2,839	3,640	4,910	5,600
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	2,264	2,215	4,882	5,079
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	1,650	1,817	2,922	2,665
Jumlah Total	2,638	3,398	7,389	7,911

Pekerja sepenuh masa Full-time employee							
Juruteknik dan profesional bersekutu Technicians and associate professional		Perkeranian dan pekerjaan yang berkaitan Clerical and related occupations		Pekerja asas Elementary occupations		Purata gaji keseluruhan Total average salaries	
2015	2022	2015	2022	2015	2022	2015	2022
2,554	3,211	1,353	1,726	1,105	1,320	1,463	1,827
2,176	3,082	1,285	1,682	1,015	1,272	1,356	1,746
3,452	3,854	1,618	1,856	1,193	1,633	1,810	2,192
3,903	3,459	2,028	2,367	1,578	1,686	2,396	2,523
3,337	3,339	1,555	1,955	1,269	1,619	1,786	2,253
12,786	11,485	2,677	2,939	1,640	1,592	7,980	9,422
3,738	4,879	1,852	2,578	1,482	2,030	2,614	3,513
3,781	4,284	1,797	2,415	1,432	1,937	2,404	3,058
3,936	4,929	2,045	2,479	1,954	1,783	2,728	3,726
2,938	3,239	1,469	1,919	1,223	1,678	1,825	2,249
3,177	3,497	1,630	2,131	1,387	1,802	2,046	2,543
4,305	5,459	1,912	2,649	1,539	2,100	2,796	3,784
3,605	4,333	1,922	2,510	1,546	2,397	2,554	3,307
3,824	5,484	1,911	2,972	1,699	2,382	3,015	4,361
3,408	4,219	2,025	2,447	1,455	1,844	2,762	3,238
3,490	3,905	1,848	2,078	1,462	1,431	2,162	2,536
4,145	4,864	1,883	2,841	1,242	1,810	2,729	3,493
8,250	6,240	3,688	3,663	1,775	2,860	6,301	6,327
3,220	3,957	2,015	2,849	1,380	1,891	2,391	3,317
5,310	6,270	1,794	2,907	1,123	1,965	2,601	3,690
4,683	4,748	2,505	2,765	1,962	2,322	3,265	3,548
2,466	2,924	1,655	2,067	1,266	1,614	1,965	2,395
2,179	2,359	1,285	1,681	1,064	1,492	1,262	1,689
4,011	5,735	2,167	3,324	1,621	1,958	4,802	6,442
4,762	5,405	2,108	5,543	1,643	3,752	4,540	5,517
2,823	3,311	2,451	2,718	1,219	1,338	2,987	3,621
2,696	3,654	1,935	2,633	1,319	1,469	2,896	3,556
3,376	3,667	1,754	1,968	1,218	1,478	2,027	2,272
2,977	3,656	1,925	2,394	1,128	1,555	2,912	3,461
2,881	2,952	1,783	2,296	1,092	2,595	2,795	3,601
2,851	5,478	1,707	2,146	1,320	1,099	2,181	2,109
2,177	2,043	1,436	1,640	1,227	1,397	1,595	1,775
4,084	4,844	1,832	2,548	1,280	1,798	2,590	3,332

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Pekerja sepenuh masa <i>Full-time employees</i>	
	Jumlah pekerja sepenuh masa <i>Total full-time employees</i>	Pengurus, profesional dan penyelidik <i>Manager, professional and researcher</i>
	CAGR 2022/2015	CAGR 2022/2015
1. Pertanian <i>Agriculture</i>	3.1	2.2
1.1 Tanaman <i>Crops</i>	3.5	3.3
1.2 Ternakan <i>Livestock</i>	2.7	1.3
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	0.8	-5.5
1.4 Perikanan <i>Fisheries</i>	3.2	2.9
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>	2.4	-1.0
3. Pembuatan <i>Manufacturing</i>	4.3	3.1
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	3.5	1.2
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	4.6	6.5
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	3.2	1.8
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	3.2	1.0
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	4.4	3.1
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	3.7	1.6
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	5.4	5.0
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	2.3	1.4
4. Pembinaan <i>Construction</i>	2.4	0.0
5. Perkhidmatan <i>Services</i>	3.6	0.7
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	0.0	0.8
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	4.8	-0.1
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	5.3	2.2
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	1.2	0.5
5.5 Penginapan <i>Accommodation</i>	2.8	1.2
5.6 Makanan dan minuman <i>Food and beverage</i>	4.0	2.3
5.7 Maklumat dan komunikasi <i>Information and communication</i>	4.3	2.8
5.8 Kewangan <i>Finance</i>	2.8	-5.3
5.9 Hartanah <i>Real estate</i>	2.7	3.4
5.10 Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	3.0	0.8
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	1.6	0.7
5.12 Pendidikan swasta <i>Private education</i>	2.4	1.5
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	3.6	1.9
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	-0.3	0.6
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	1.4	-1.3
Jumlah <i>Total</i>	3.7	1.0

Pekerja sepenuh masa Full-time employee			Purata Gaji Keseluruhan Total Average Salaries
Juruteknik dan profesional bersekutu Technicians and associate professional	Perkeranian dan pekerjaan yang berkaitan Clerical and related occupations	Pekerja asas Elementary occupations	
CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015
3.3	3.5	2.6	3.2
5.1	3.9	3.3	3.7
1.6	2.0	4.6	2.8
-1.7	2.2	0.9	0.7
0.0	3.3	3.5	3.4
-1.5	1.3	-0.4	2.4
3.9	4.8	4.6	4.3
1.8	4.3	4.4	3.5
3.3	2.8	-1.3	4.6
1.4	3.9	4.6	3.0
1.4	3.9	3.8	3.2
3.4	4.8	4.5	4.4
2.7	3.9	6.5	3.8
5.3	6.5	4.9	5.4
3.1	2.7	3.4	2.3
1.6	1.7	-0.3	2.3
2.3	6.1	5.5	3.6
-3.9	-0.1	7.1	0.1
3.0	5.1	4.6	4.8
2.4	7.1	8.3	5.1
0.2	1.4	2.4	1.2
2.5	3.2	3.5	2.9
1.1	3.9	5.0	4.2
5.2	6.3	2.7	4.3
1.8	14.8	12.5	2.8
2.3	1.5	1.3	2.8
4.4	4.5	1.6	3.0
1.2	1.7	2.8	1.6
3.0	3.2	4.7	2.5
0.3	3.7	13.2	3.7
9.8	3.3	-2.6	-0.5
-0.9	1.9	1.9	1.5
2.5	4.8	5.0	3.7

Jenis aktiviti ekonomi Kind of economic activity	Pekerja sepenuh masa Full-time employees							
	Mahir Skilled		Separuh mahir Semi-skilled		Berkemahiran rendah Low-skilled		Jumlah Total	
	2015	2022	2015	2022	2015	2022	2015	2022
1. Pertanian Agriculture	3,631	4,394	1,353	1,726	1,105	1,320	1,486	1,837
1.1 Tanaman Crops	3,113	4,116	1,285	1,682	1,015	1,272	1,378	1,754
1.2 Ternakan Livestock	5,432	5,996	1,618	1,856	1,193	1,633	1,838	2,213
1.3 Perhutanan dan pembalakan Forestry and logging	5,408	4,109	2,028	2,367	1,578	1,686	2,423	2,570
1.4 Perikanan Fisheries	4,231	5,000	1,555	1,955	1,269	1,619	1,828	2,275
2. Perlombongan & pengkuarian Mining & quarrying	20,414	19,668	2,677	2,939	1,640	1,592	8,006	9,446
3. Pembuatan Manufacturing	6,353	8,068	1,852	2,578	1,482	2,030	2,623	3,526
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	6,810	7,736	1,797	2,415	1,432	1,937	2,424	3,078
3.2 Minuman dan produk tembakau Beverages and tobacco products	6,750	10,104	2,045	2,479	1,954	1,783	2,740	3,744
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	4,341	5,456	1,469	1,919	1,223	1,678	1,840	2,299
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	5,359	5,763	1,630	2,131	1,387	1,802	2,052	2,555
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	7,165	9,035	1,912	2,649	1,539	2,100	2,801	3,787
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	6,237	7,201	1,922	2,510	1,546	2,397	2,562	3,315
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	6,484	9,062	1,911	2,972	1,699	2,382	3,018	4,364
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	5,894	6,872	2,025	2,447	1,455	1,844	2,773	3,246
4. Pembinaan Construction	5,225	5,594	1,848	2,078	1,462	1,431	2,168	2,559
5. Perkhidmatan Services	6,100	6,595	1,883	2,841	1,242	1,810	2,821	3,606
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	10,426	10,394	3,688	3,663	1,775	2,860	6,314	6,328
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	5,331	5,604	2,015	2,849	1,380	1,891	2,402	3,333
5.3 Perdagangan borong dan runcit Wholesale and retail trade	8,779	10,248	1,794	2,907	1,123	1,965	2,695	3,858
5.4 Pengangkutan dan penyimpanan Transportation and storage	7,104	7,380	2,505	2,765	1,962	2,322	3,293	3,585
5.5 Penginapan Accommodation	4,048	4,940	1,655	2,067	1,266	1,614	2,024	2,459
5.6 Makanan dan minuman Food and beverage	2,607	3,053	1,285	1,681	1,064	1,492	1,334	1,754
5.7 Maklumat dan komunikasi Information and communication	6,969	8,954	2,167	3,324	1,621	1,958	4,836	6,495
5.8 Kewangan Finance	7,797	5,776	2,108	5,543	1,643	3,752	4,555	5,514
5.9 Hartanah Real estate	4,092	5,154	2,451	2,718	1,219	1,338	3,031	3,665
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	4,261	4,764	1,935	2,633	1,319	1,469	2,935	3,603
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	4,015	4,214	1,754	1,968	1,218	1,478	2,050	2,294
5.12 Pendidikan swasta Private education	3,859	4,352	1,925	2,394	1,128	1,555	3,029	3,583
5.13 Kesihatan swasta dan kerja sosial Private health and social work	4,123	4,778	1,783	2,296	1,092	2,595	2,839	3,640
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	4,345	5,144	1,707	2,146	1,320	1,099	2,264	2,215
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	2,751	2,538	1,436	1,640	1,227	1,397	1,650	1,817
Jumlah Total	6,277	6,967	1,832	2,548	1,280	1,798	2,638	3,398

Nota / Notes:
Kategori pekerja mengikut kemahiran merujuk kepada pekerja sepenuh masa.
Category of persons engaged by skills refer to full-time employees.

Jenis aktiviti ekonomi <i>Kind of economic activity</i>		Pekerja sepenuh masa <i>Full-time employees</i>			
		Mahir <i>Skilled</i>	Separuh mahir <i>Semi-skilled</i>	Berkemahiran rendah <i>Low-skilled</i>	Jumlah <i>Total</i>
		CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015
1. Pertanian <i>Agriculture</i>		2.8	3.5	2.6	3.1
1.1	Tanaman <i>Crops</i>	4.1	3.9	3.3	3.5
1.2	Ternakan <i>Livestock</i>	1.4	2.0	4.6	2.7
1.3	Perhutanan dan pembalakan <i>Forestry and logging</i>	-3.9	2.2	0.9	0.8
1.4	Perikanan <i>Fisheries</i>	2.4	3.3	3.5	3.2
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>		-0.5	1.3	-0.4	2.4
3. Pembuatan <i>Manufacturing</i>		3.5	4.8	4.6	4.3
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	1.8	4.3	4.4	3.5
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	5.9	2.8	-1.3	4.6
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	3.3	3.9	4.6	3.2
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	1.0	3.9	3.8	3.2
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	3.4	4.8	4.5	4.4
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	2.1	3.9	6.5	3.7
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	4.9	6.5	4.9	5.4
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	2.2	2.7	3.4	2.3
4. Pembinaan <i>Construction</i>		1.0	1.7	-0.3	2.4
5. Perkhidmatan <i>Services</i>		1.1	6.1	5.5	3.6
5.1	Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	0.0	-0.1	7.1	0.0
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	0.7	5.1	4.6	4.8
5.3	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	2.2	7.1	8.3	5.3
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	0.5	1.4	2.4	1.2
5.5	Penginapan <i>Accommodation</i>	2.9	3.2	3.5	2.8
5.6	Makanan dan minuman <i>Food and beverage</i>	2.3	3.9	5.0	4.0
5.7	Maklumat dan komunikasi <i>Information and communication</i>	3.6	6.3	2.7	4.3
5.8	Kewangan <i>Finance</i>	-4.2	14.8	12.5	2.8
5.9	Hartanah <i>Real estate</i>	3.3	1.5	1.3	2.7
5.10	Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	1.6	4.5	1.6	3.0
5.11	Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	0.7	1.7	2.8	1.6
5.12	Pendidikan swasta <i>Private education</i>	1.7	3.2	4.7	2.4
5.13	Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	2.1	3.7	13.2	3.6
5.14	Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	2.4	3.3	-2.6	-0.3
5.15	Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	-1.1	1.9	1.9	1.4
Jumlah <i>Total</i>		1.5	4.8	5.0	3.7

Nota / Notes:

Kategori pekerja mengikut kemahiran merujuk kepada pekerja sepenuh masa.
Category of persons engaged by skills refer to full-time employees.



KECEKAPAN DAN PRODUKTIVITI

EFFICIENCY AND PRODUCTIVITY

Jenis aktiviti ekonomi Kind of economic activity		Output Output		Bilangan Pekerja Number of Persons Engaged		Output per pekerja Output per employment	
		(RM juta/ RM million)		('000)		(RM)	
		2015	2022	2015	2022	2015	2022
1. Pertanian <i>Agriculture</i>		77,485	122,350	567.5	518.1	136,543	236,137
1.1	Tanaman <i>Crops</i>	54,394	95,413	490.9	449.3	110,795	212,375
1.2	Ternakan <i>Livestock</i>	13,312	20,190	34.8	38.2	382,476	528,534
1.3	Perhutanan dan pembalakan <i>Forestry and logging</i>	7,552	4,260	26.0	14.6	290,090	292,719
1.4	Perikanan <i>Fisheries</i>	2,226	2,487	15.7	16.1	141,875	154,367
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>		131,067	204,139	82.4	65.6	1,591,507	3,109,649
3. Pembuatan <i>Manufacturing</i>		1,141,963	1,893,704	2,119.2	2,346.3	538,876	807,118
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	199,800	303,587	256.9	292.1	777,709	1,039,376
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	13,416	15,922	17.0	17.4	790,553	914,656
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	18,164	24,072	102.2	91.1	177,655	264,109
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	62,920	88,648	298.4	306.3	210,831	289,420
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	299,114	579,572	376.1	437.6	795,337	1,324,472
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	134,817	198,936	332.1	342.7	406,005	580,529
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	321,777	560,723	528.5	629.9	608,852	890,224
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	91,955	122,244	208.0	229.2	442,178	533,383
4. Pembinaan <i>Construction</i>		177,939	205,053	1,290.5	1,242.4	137,886	165,044
5. Perkhidmatan <i>Services</i>		965,430	1,426,560	4,798.1	5,831.9	201,212	244,615
5.1	Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	54,389	90,590	48.0	50.9	1,133,772	1,780,855
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	12,329	18,859	49.2	59.5	250,792	316,773
5.3	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	306,568	486,227	1,752.7	2,171.5	174,914	223,912
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	109,237	140,507	411.3	475.8	265,608	295,287
5.5	Penginapan <i>Accommodation</i>	13,907	16,684	130.7	157.5	106,426	105,896
5.6	Makanan dan minuman <i>Food and beverage</i>	66,386	98,959	891.6	1,079.8	74,455	91,642
5.7	Maklumat dan komunikasi <i>Information and communication</i>	124,606	190,112	203.0	250.5	613,773	758,901
5.8	Kewangan <i>Finance</i>	122,404	171,985	319.6	375.8	382,951	457,659
5.9	Hartanah <i>Real estate</i>	28,066	36,781	77.0	97.3	364,403	378,148
5.10	Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	40,452	60,001	314.3	359.4	128,709	166,946
5.11	Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	27,069	31,657	173.7	204.2	155,847	155,027
5.12	Pendidikan swasta <i>Private education</i>	15,153	24,129	134.4	186.4	112,775	129,477
5.13	Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	16,848	28,047	121.1	156.2	139,139	179,568
5.14	Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	19,961	22,521	58.0	71.0	344,308	317,177
5.15	Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	8,053	9,502	113.6	136.0	70,873	69,869
Jumlah <i>Total</i>		2,493,883	3,851,806	8,857.5	10,004.3	281,555	385,015

Jenis aktiviti ekonomi Kind of economic activity	Output Output	Bilangan Pekerja Number of Persons Engaged	Output per pekerja Output per employment
	CAGR 2022/2015	CAGR 2022/2015	CAGR 2022/2015
1. Pertanian Agriculture	6.7	-1.3	8.1
1.1 Tanaman Crops	8.4	-1.3	9.7
1.2 Ternakan Livestock	6.1	1.3	4.7
1.3 Perhutanan dan pembalakan Forestry and logging	-7.9	-8.0	0.1
1.4 Perikanan Fisheries	1.6	0.4	1.2
2. Perlombongan & pengkuarian Mining & quarrying	6.5	-3.2	10.0
3. Pembuatan Manufacturing	7.5	1.5	5.9
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	6.2	1.9	4.2
3.2 Minuman dan produk tembakau Beverages and tobacco products	2.5	0.4	2.1
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	4.1	-1.6	5.8
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	5.0	0.4	4.6
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	9.9	2.2	7.6
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	5.7	0.5	5.2
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	8.3	2.5	5.6
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	4.2	1.4	2.7
4. Pembinaan Construction	2.0	-0.5	2.6
5. Perkhidmatan Services	5.7	2.8	2.8
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	7.6	0.8	6.7
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	6.3	2.8	3.4
5.3 Perdagangan borong dan runcit Wholesale and retail trade	6.8	3.1	3.6
5.4 Pengangkutan dan penyimpanan Transportation and storage	3.7	2.1	1.5
5.5 Penginapan Accommodation	2.6	2.7	-0.1
5.6 Makanan dan minuman Food and beverage	5.9	2.8	3.0
5.7 Maklumat dan komunikasi Information and communication	6.2	3.0	3.1
5.8 Kewangan Finance	5.0	2.3	2.6
5.9 Hartanah Real estate	3.9	3.4	0.5
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	5.8	1.9	3.8
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	2.3	2.3	-0.1
5.12 Pendidikan swasta Private education	6.9	4.8	2.0
5.13 Kesihatan swasta dan kerja sosial Private health and social work	7.6	3.7	3.7
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	1.7	2.9	-1.2
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	2.4	2.6	-0.2
Jumlah Total	6.4	1.8	4.6



KOS BURUH

LABOUR COST

Jenis aktiviti ekonomi Kind of economic activity		Kos buruh langsung Direct labour cost (RM)	Kos buruh tidak langsung Indirect labour cost (RM)	Jumlah kos buruh Total employment cost (RM)
1. Pertanian Agriculture		10,023	1,230	11,253
1.1	Tanaman Crops	8,109	990	9,098
1.2	Ternakan Livestock	1,017	134	1,151
1.3	Perhutanan dan pembalakan Forestry and logging	459	62	521
1.4	Perikanan Fisheries	438	44	482
2. Perlombongan & pengkuarian Mining & quarrying		7,987	1,580	9,567
3. Pembuatan Manufacturing		106,531	15,202	121,733
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	12,331	1,804	14,135
3.2	Minuman dan produk tembakau Beverages and tobacco products	887	140	1,026
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	2,603	288	2,891
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	9,557	1,396	10,953
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	21,913	2,859	24,772
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	14,517	1,827	16,344
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	35,367	5,578	40,945
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	9,357	1,310	10,667
4. Pembinaan Construction		38,345	5,078	43,422
5. Perkhidmatan Services		239,883	45,896	285,779
5.1	Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	4,175	694	4,869
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	4,350	445	4,795
5.3	Perdagangan borong dan runcit Wholesale and retail trade	88,527	15,608	104,135
5.4	Pengangkutan dan penyimpanan Transportation and storage	25,723	4,372	30,095
5.5	Penginapan Accommodation	4,142	320	4,462
5.6	Makanan dan minuman Food and beverage	16,559	3,083	19,642
5.7	Maklumat dan komunikasi Information and communication	20,492	3,993	24,485
5.8	Kewangan Finance	29,942	9,425	39,366
5.9	Hartanah Real estate	4,262	504	4,766
5.10	Profesional, saintifik dan teknikal Professional, scientific and technical	15,052	3,150	18,202
5.11	Pentadbiran dan khidmat sokongan Administrative and support service	6,606	1,441	8,048
5.12	Pendidikan swasta Private education	9,204	893	10,096
5.13	Kesihatan swasta dan kerja sosial Private health and social work	6,618	1,192	7,810
5.14	Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	1,968	377	2,345
5.15	Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	2,264	399	2,664
Jumlah Total		402,769	68,986	471,755

Jenis aktiviti ekonomi Kind of economic activity		Kos buruh langsung Direct labour cost	Kos buruh tidak langsung Indirect labour cost	Jumlah kos buruh Total employment cost
1. Pertanian Agriculture		89.1	10.9	100
1.1	Tanaman Crops	89.1	10.9	100
1.2	Ternakan Livestock	88.3	11.7	100
1.3	Perhutanan dan pembalakan Forestry and logging	88.0	12.0	100
1.4	Perikanan Fisheries	90.9	9.1	100
2. Perlombongan & pengkuarian Mining & quarrying		83.5	16.5	100
3. Pembuatan Manufacturing		87.5	12.5	100
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	87.2	12.8	100
3.2	Minuman dan produk tembakau Beverages and tobacco products	86.4	13.6	100
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	90.0	10.0	100
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	87.3	12.7	100
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	88.5	11.5	100
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	88.8	11.2	100
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	86.4	13.6	100
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	87.7	12.3	100
4. Pembinaan Construction		88.3	11.7	100
5. Perkhidmatan Services		83.9	16.1	100
5.1	Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	85.8	14.2	100
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	90.7	9.3	100
5.3	Perdagangan borong dan runcit Wholesale and retail trade	85.0	15.0	100
5.4	Pengangkutan dan penyimpanan Transportation and storage	85.5	14.5	100
5.5	Penginapan Accommodation	92.8	7.2	100
5.6	Makanan dan minuman Food and beverage	84.3	15.7	100
5.7	Maklumat dan komunikasi Information and communication	83.7	16.3	100
5.8	Kewangan Finance	76.1	23.9	100
5.9	Hartanah Real estate	89.4	10.6	100
5.10	Profesional, saintifik dan teknikal Professional, scientific and technical	82.7	17.3	100
5.11	Pentadbiran dan khidmat sokongan Administrative and support service	82.1	17.9	100
5.12	Pendidikan swasta Private education	91.2	8.8	100
5.13	Kesihatan swasta dan kerja sosial Private health and social work	84.7	15.3	100
5.14	Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	83.9	16.1	100
5.15	Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	85.0	15.0	100
Jumlah Total		85.4	14.6	100

JADUAL 16 Purata kos buruh per pekerja per bulan mengikut aktiviti ekonomi, 2022
Average labour cost per employee per month by economic activity, 2022

Jenis aktiviti ekonomi Kind of economic activity		Jumlah kos buruh Total labour cost (RM juta/ RM million)	Jumlah pekerja Total employees ('000)	Purata kos buruh per pekerja Average labour cost per employee (RM)
1. Pertanian Agriculture		11,253	518.1	21,718
1.1	Tanaman Crops	9,098	449.3	20,251
1.2	Terbukan Livestock	1,151	38.2	30,140
1.3	Perhutanan dan pembalakan Forestry and logging	521	14.6	35,795
1.4	Perikanan Fisheries	482	16.1	29,937
2. Perlombongan & pengkuarian Mining & quarrying		9,567	65.6	145,739
3. Pembuatan Manufacturing		121,733	2,346.3	51,884
3.1	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	14,135	292.1	48,394
3.2	Minuman dan produk tembakau Beverages and tobacco products	1,026	17.4	58,964
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	2,891	91.1	31,717
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	10,953	306.3	35,761
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	24,772	437.6	56,610
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	16,344	342.7	47,696
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	40,945	629.9	65,005
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	10,667	229.2	46,542
4. Pembinaan Construction		43,422	1,242.4	34,950
5. Perkhidmatan Services		285,779	5,831.9	49,003
5.1	Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	4,869	50.9	95,712
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	4,795	59.5	80,535
5.3	Perdagangan borong dan runcit Wholesale and retail trade	104,135	2,171.5	47,955
5.4	Pengangkutan dan penyimpanan Transportation and storage	30,095	475.8	63,248
5.5	Penginapan Accommodation	4,462	157.5	28,320
5.6	Makanan dan minuman Food and beverage	19,642	1,079.8	18,190
5.7	Maklumat dan komunikasi Information and communication	24,485	250.5	97,741
5.8	Kewangan Finance	39,366	375.8	104,756
5.9	Hartanah Real estate	4,766	97.3	48,999
5.10	Profesional, saintifik dan teknikal Professional, scientific and technical	18,202	359.4	50,645
5.11	Pentadbiran dan khidmat sokongan Administrative and support service	8,048	204.2	39,410
5.12	Pendidikan swasta Private education	10,096	186.4	54,179
5.13	Kesihatan swasta dan kerja sosial Private health and social work	7,810	156.2	50,001
5.14	Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	2,345	71.0	33,021
5.15	Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	2,664	136.0	19,587
Jumlah Total		471,755	10,004.3	47,155



PASARAN BURUH MENGIKUT SAIZ PERTUBUHAN

*LABOUR MARKET BY
SIZE OF ESTABLISHMENT*

Jenis aktiviti ekonomi Kind of economic activity	Perusahaan Mikro Micro enterprise		
	Bilangan pekerja Number of persons engaged	Jumlah gaji & upah Total salaries & wages	Purata gaji & upah Average salaries & wages
	('000)	(RM juta/ RM million)	(RM)
1. Pertanian Agriculture	128.5	552	999
1.1 Tanaman Crops	122.9	467	923
1.2 Ternakan Livestock	3.0	41	1,773
1.3 Perhutanan dan pembalakan Forestry and logging	0.8	16	2,019
1.4 Perikanan Fisheries	1.8	28	1,805
2. Perlombongan & pengkuarian Mining & quarrying	0.3	6	1,964
3. Pembuatan Manufacturing	79.5	1,406	2,226
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	15.1	207	1,855
3.2 Minuman dan produk tembakau Beverages and tobacco products	0.5	11	2,161
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	16.2	164	1,659
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	13.7	264	2,268
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	4.3	113	2,721
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	14.4	290	2,437
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	4.0	113	2,818
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	11.3	244	2,465
4. Pembinaan Construction	138.1	1,834	1,479
5. Perkhidmatan Services	1,984.8	39,304	2,429
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	0.4	14	3,595
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	1.1	24	2,224
5.3 Perdagangan borong dan runcit Wholesale and retail trade	845.7	21,072	2,917
5.4 Pengangkutan dan penyimpanan Transportation and storage	104.5	1,687	2,226
5.5 Penginapan Accommodation	30.0	512	1,580
5.6 Makanan dan minuman Food and beverage	481.2	3,681	1,298
5.7 Maklumat dan komunikasi Information and communication	25.5	1,249	4,192
5.8 Kewangan Finance	48.0	1,772	3,140
5.9 Hartanah Real estate	39.9	1,027	2,221
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	104.2	2,530	2,449
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	62.7	1,428	2,218
5.12 Pendidikan swasta Private education	63.6	820	1,932
5.13 Kesihatan swasta dan kerja sosial Private health and social work	50.1	1,622	3,142
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	22.4	484	2,103
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	105.6	1,382	1,623
Jumlah Total	2,331.1	43,102	2,316

Perusahaan Kecil Small enterprise			Perusahaan Sederhana Medium enterprise		
Bilangan pekerja Number of persons engaged (‘000)	Jumlah gaji & upah Total salaries & wages (RM juta/ RM million)	Purata gaji & upah Average salaries & wages (RM)	Bilangan pekerja Number of persons engaged (‘000)	Jumlah gaji & upah Total salaries & wages (RM juta/ RM million)	Purata gaji & upah Average salaries & wages (RM)
64.1	1,501	2,050	62.5	1,482	1,980
45.2	1,044	2,002	49.5	1,123	1,894
7.8	187	2,188	5.6	144	2,152
3.0	74	2,186	4.1	122	2,497
8.1	195	2,141	3.4	93	2,332
6.8	207	2,607	12.6	451	3,004
594.2	19,101	2,737	326.6	11,463	2,928
85.2	2,365	2,387	53.7	1,756	2,731
6.2	174	2,381	2.0	67	2,742
30.6	783	2,246	10.1	302	2,491
116.9	3,303	2,408	64.9	1,937	2,491
97.1	3,599	3,120	66.0	2,541	3,210
117.5	4,059	2,937	59.8	2,271	3,167
69.3	2,507	3,048	44.5	1,645	3,082
71.4	2,310	2,761	25.6	944	3,080
312.9	8,159	2,246	221.3	6,334	2,390
1,837.0	62,317	3,342	758.8	28,218	3,226
3.5	137	3,253	4.8	202	3,506
6.2	188	2,579	5.5	168	2,567
716.5	29,970	4,699	331.6	10,752	2,899
102.3	3,142	2,627	67.1	2,324	2,892
55.6	1,499	2,495	41.5	1,035	2,309
442.5	7,669	1,715	59.9	1,755	2,488
64.7	3,368	4,349	23.8	1,709	5,973
43.7	2,472	4,778	56.6	3,793	5,620
39.5	1,614	3,429	5.8	317	4,579
153.1	5,952	3,411	57.4	2,746	4,014
64.6	1,764	2,305	45.0	1,149	2,145
54.1	1,660	2,863	32.1	1,476	3,855
38.6	1,617	3,677	11.0	377	2,984
27.3	696	2,193	12.6	288	1,911
24.8	570	2,066	4.0	127	2,623
2,814.9	91,285	3,036	1,381.8	47,948	2,958

Jenis aktiviti ekonomi Kind of economic activity	Perusahaan Mikro, Kecil dan Sederhana (PMKS) Micro, Small and Medium Enterprises (MSMEs)		
	Bilangan pekerja Number of persons engaged	Jumlah gaji & upah Total salaries & wages	Purata gaji & upah Average salaries & wages
	('000)	(RM juta/ RM million)	(RM)
1. Pertanian Agriculture	255.0	3,535	1,738
1.1 Tanaman Crops	217.5	2,634	1,626
1.2 Ternakan Livestock	16.4	372	2,120
1.3 Perhutanan dan pembalakan Forestry and logging	7.9	212	2,340
1.4 Perikanan Fisheries	13.2	317	2,158
2. Perlombongan & pengkuarian Mining & quarrying	19.6	665	2,855
3. Pembuatan Manufacturing	1,000.3	31,970	2,774
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	153.9	4,328	2,480
3.2 Minuman dan produk tembakau Beverages and tobacco products	8.7	252	2,456
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	56.9	1,249	2,196
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	195.6	5,504	2,429
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	167.4	6,253	3,148
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	191.7	6,620	2,984
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	117.8	4,265	3,054
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	108.2	3,498	2,816
4. Pembinaan Construction	672.2	16,326	2,171
5. Perkhidmatan Services	4,580.6	129,840	2,980
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	8.7	352	3,407
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	12.7	380	2,549
5.3 Perdagangan borong dan runcit Wholesale and retail trade	1,893.7	61,794	3,570
5.4 Pengangkutan dan penyimpanan Transportation and storage	274.0	7,154	2,594
5.5 Penginapan Accommodation	127.1	3,046	2,218
5.6 Makanan dan minuman Food and beverage	983.5	13,105	1,636
5.7 Maklumat dan komunikasi Information and communication	114.1	6,326	4,657
5.8 Kewangan Finance	148.3	8,037	4,575
5.9 Hartanah Real estate	85.1	2,957	2,951
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	314.7	11,228	3,243
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	172.3	4,341	2,232
5.12 Pendidikan swasta Private education	149.8	3,956	2,852
5.13 Kesihatan swasta dan kerja sosial Private health and social work	99.8	3,617	3,341
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	62.4	1,468	2,102
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	134.5	2,079	1,768
Jumlah Total	6,527.8	182,334	2,810

Perusahaan Besar Large enterprise			Jumlah Total		
Bilangan pekerja Number of persons engaged (‘000)	Jumlah gaji & upah Total salaries & wages (RM juta/ RM million)	Purata gaji & upah Average salaries & wages (RM)	Bilangan pekerja Number of persons engaged (‘000)	Jumlah gaji & upah Total salaries & wages (RM juta/ RM million)	Purata gaji & upah Average salaries & wages (RM)
263.1	5,946	1,883	518.1	9,480	1,827
231.7	5,049	1,816	449.3	7,683	1,746
21.8	586	2,241	38.2	958	2,192
6.7	219	2,729	14.6	431	2,523
2.9	91	2,657	16.1	408	2,253
46.0	6,730	12,191	65.6	7,395	9,422
1,346.0	65,250	4,042	2,346.3	97,219	3,513
138.1	6,070	3,667	292.1	10,398	3,058
8.7	518	4,978	17.4	769	3,726
34.2	954	2,321	91.1	2,202	2,249
110.7	3,633	2,738	306.3	9,137	2,543
270.2	13,527	4,173	437.6	19,780	3,784
151.0	6,705	3,703	342.7	13,326	3,307
512.0	28,619	4,658	629.9	32,885	4,361
120.9	5,224	3,600	229.2	8,722	3,238
570.2	20,100	2,938	1,242.4	36,426	2,536
1,251.2	74,575	4,988	5,831.9	204,415	3,493
42.2	3,505	6,923	50.9	3,857	6,327
46.8	1,978	3,521	59.5	2,358	3,317
277.8	14,387	4,316	2,171.5	76,181	3,690
201.8	11,223	4,635	475.8	18,376	3,548
30.5	1,031	3,131	157.5	4,076	2,395
96.3	2,364	2,061	1,079.8	15,469	1,689
136.4	12,970	7,924	250.5	19,296	6,442
227.5	16,639	6,127	375.8	24,676	5,517
12.2	1,200	8,221	97.3	4,157	3,621
44.7	2,990	5,583	359.4	14,218	3,556
31.9	948	2,476	204.2	5,289	2,272
36.5	2,362	5,392	186.4	6,318	3,461
56.4	2,718	4,018	156.2	6,335	3,601
8.6	220	2,158	71.0	1,689	2,109
1.5	41	2,192	136.0	2,120	1,775
3,476.5	172,601	4,145	10,004.3	354,935	3,332

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Perusahaan Mikro <i>Micro enterprise</i>		
	Output <i>Output</i> (RM juta/ <i>RM million</i>)	Bilangan pekerja <i>Number of persons engaged</i> (‘000)	Output per pekerja <i>Output per employment</i> (RM)
1. Pertanian <i>Agriculture</i>	8,152	128.5	63,462
1.1 Tanaman <i>Crops</i>	7,502	122.9	61,061
1.2 Ternakan <i>Livestock</i>	453	3.0	151,155
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	30	0.8	37,113
1.4 Perikanan <i>Fisheries</i>	167	1.8	92,796
2. Perlombongan & pengkuarian <i>Mining & quarrying</i>	15	0.3	48,653
3. Pembuatan <i>Manufacturing</i>	7,801	79.5	98,174
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	1,169	15.1	77,458
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	46	0.5	87,964
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	728	16.2	44,909
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	1,567	13.7	114,162
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	906	4.3	213,173
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	1,649	14.4	114,848
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic, and optical products</i>	576	4.0	143,207
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	1,160	11.3	102,771
4. Pembinaan <i>Construction</i>	10,841	138.1	78,511
5. Perkhidmatan <i>Services</i>	234,715	1,984.8	118,257
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	621	0.4	1,774,094
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	305	1.1	284,561
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	129,012	845.7	152,551
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	9,190	104.5	87,932
5.5 Penginapan <i>Accommodation</i>	2,061	30.0	68,719
5.6 Makanan dan minuman <i>Food and beverage</i>	20,636	481.2	42,885
5.7 Maklumat dan komunikasi <i>Information and communication</i>	7,023	25.5	274,937
5.8 Kewangan <i>Finance</i>	22,761	48.0	474,689
5.9 Hartanah <i>Real estate</i>	6,458	39.9	161,932
5.10 Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	10,022	104.2	96,219
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	8,527	62.7	136,037
5.12 Pendidikan swasta <i>Private education</i>	4,568	63.6	71,843
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	5,894	50.1	117,532
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	2,296	22.4	102,273
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	5,341	105.6	50,585
Jumlah <i>Total</i>	261,524	2,331.1	112,190

Perusahaan Kecil Small enterprise			Perusahaan Sederhana Medium enterprise		
Output Output (RM juta/ RM million)	Bilangan pekerja Number of persons engaged (‘000)	Output per pekerja Output per employment (RM)	Output Output (RM juta/ RM million)	Bilangan pekerja Number of persons engaged (‘000)	Output per pekerja Output per employment (RM)
17,444	64.1	272,296	14,489	62.5	231,791
12,288	45.2	271,732	10,276	49.5	207,771
3,576	7.8	458,246	2,674	5.6	478,707
321	3.0	108,295	1,064	4.1	259,539
1,260	8.1	155,945	475	3.4	141,224
734	6.8	108,481	3,327	12.6	264,884
170,175	594.2	286,384	188,808	326.6	578,070
32,776	85.2	384,806	69,615	53.7	1,296,952
1,665	6.2	269,071	938	2.0	462,529
4,698	30.6	153,582	2,886	10.1	285,454
22,967	116.9	196,444	18,371	64.9	282,878
39,114	97.1	402,673	39,466	66.0	598,091
32,457	117.5	276,157	26,877	59.8	449,340
19,735	69.3	284,780	17,446	44.5	392,057
16,762	71.4	234,817	13,210	25.6	516,743
45,761	312.9	146,267	34,237	221.3	154,734
352,119	1,837.0	191,681	179,138	758.8	236,068
5,577	3.5	1,580,445	10,345	4.8	2,158,847
2,043	6.2	330,387	1,153	5.5	210,947
147,442	716.5	205,796	64,847	331.6	195,561
31,648	102.3	309,261	18,700	67.1	278,507
3,732	55.6	67,124	4,049	41.5	97,584
43,125	442.5	97,468	13,588	59.9	226,830
19,224	64.7	297,087	10,678	23.8	447,785
25,902	43.7	592,160	27,986	56.6	494,720
13,022	39.5	329,977	2,394	5.8	415,513
24,693	153.1	161,288	11,582	57.4	201,671
11,335	64.6	175,479	5,958	45.0	132,370
6,732	54.1	124,446	3,669	32.1	114,133
7,920	38.6	204,927	1,787	11.0	162,524
6,779	27.3	248,548	1,614	12.6	127,630
2,943	24.8	118,539	788	4.0	194,772
586,233	2,814.9	208,260	419,997	1,381.8	303,953

Jenis aktiviti ekonomi Kind of economic activity	Perusahaan Mikro, Kecil dan Sederhana (PMKS) Micro, Small and Medium Enterprises (MSMEs)		
	Output Output (RM juta/ RM million)	Bilangan pekerja Number of persons engaged (‘000)	Output per pekerja Output per employment (RM)
1. Pertanian Agriculture	40,085	255.0	157,182
1.1 Tanaman Crops	30,065	217.5	138,210
1.2 Ternakan Livestock	6,703	16.4	409,006
1.3 Perhutanan dan pembalakan Forestry and logging	1,414	7.9	180,016
1.4 Perikanan Fisheries	1,902	13.2	143,617
2. Perlombongan & pengkuarian Mining & quarrying	4,075	19.6	207,615
3. Pembuatan Manufacturing	366,783	1,000.3	366,675
3.1 Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan Vegetable and animal oils & fats and food processing	103,560	153.9	672,739
3.2 Minuman dan produk tembakau Beverages and tobacco products	2,649	8.7	303,172
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	8,312	56.9	146,067
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	42,905	195.6	219,371
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	79,486	167.4	474,901
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	60,983	191.7	318,107
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic, and optical products	37,757	117.8	320,463
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	31,132	108.2	287,627
4. Pembinaan Construction	90,839	672.2	135,135
5. Perkhidmatan Services	765,972	4,580.6	167,220
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	16,544	8.7	1,907,913
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	3,501	12.7	275,209
5.3 Perdagangan borong dan runcit Wholesale and retail trade	341,302	1,893.7	180,226
5.4 Pengangkutan dan penyimpanan Transportation and storage	59,538	274.0	217,297
5.5 Penginapan Accommodation	9,842	127.1	77,445
5.6 Makanan dan minuman Food and beverage	77,348	983.5	367,184
5.7 Maklumat dan komunikasi Information and communication	36,926	114.1	323,624
5.8 Kewangan Finance	76,649	148.3	516,989
5.9 Hartanah Real estate	21,874	85.1	257,023
5.10 Profesional, saintifik dan teknikal Professional, scientific and technical	46,297	314.7	147,121
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	25,820	172.3	149,866
5.12 Pendidikan swasta Private education	14,969	149.8	99,909
5.13 Kesihatan swasta dan kerja sosial Private health and social work	15,601	99.8	156,337
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	10,689	62.4	171,386
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	9,071	134.5	67,470
Jumlah Total	1,267,755	6,527.8	194,209

JADUAL
18 Output per pekerja mengikut saiz pertubuhan dan aktiviti ekonomi, 2022 (samb.)
Output per employment by size of establishments and economic activity, 2022 (cont.)

Perusahaan Besar Large enterprise			Jumlah Total		
Output Output (RM juta/ RM million)	Bilangan pekerja Number of persons engaged (‘000)	Output per pekerja Output per employment (RM)	Output Output (RM juta/ RM million)	Bilangan pekerja Number of persons engaged (‘000)	Output per pekerja Output per employment (RM)
82,265	263.1	312,666	122,350	518.1	236,137
65,348	231.7	281,992	95,413	449.3	212,375
13,487	21.8	618,349	20,190	38.2	528,534
2,846	6.7	424,964	4,260	14.6	292,719
584	2.9	204,081	2,487	16.1	154,367
200,064	46.0	4,347,514	204,139	65.6	3,109,649
1,526,920	1,346.0	1,134,449	1,893,704	2,346.3	807,118
200,027	138.1	1,447,919	303,587	292.1	1,039,376
13,273	8.7	1,530,936	15,922	17.4	914,656
15,760	34.2	460,265	24,072	91.1	264,109
45,743	110.7	413,163	88,648	306.3	289,420
500,086	270.2	1,850,709	579,572	437.6	1,324,472
137,953	151.0	913,749	198,936	342.7	580,529
522,966	512.0	1,021,324	560,723	629.9	890,224
91,112	120.9	753,309	122,244	229.2	533,383
114,214	570.2	200,304	205,053	1,242.4	165,044
660,589	1,251.2	527,948	1,426,560	5,831.9	244,615
74,047	42.2	1,754,747	90,590	50.9	1,780,855
15,358	46.8	328,070	18,859	59.5	316,773
144,925	277.8	521,745	486,227	2,171.5	223,912
80,969	201.8	401,157	140,507	475.8	295,287
6,842	30.5	224,569	16,684	157.5	105,896
21,611	96.3	224,388	98,959	1,079.8	91,642
153,186	136.4	1,122,997	190,112	250.5	758,901
95,336	227.5	419,000	171,985	375.8	457,659
14,907	12.2	1,225,879	36,781	97.3	378,148
13,704	44.7	306,456	60,001	359.4	166,946
5,837	31.9	182,886	31,657	204.2	155,027
9,159	36.5	250,768	24,129	186.4	129,477
12,446	56.4	220,674	28,047	156.2	179,568
11,832	8.6	1,369,920	22,521	71.0	317,177
431	1.5	278,383	9,502	136.0	69,869
2,584,051	3,476.5	743,286	3,851,806	10,004.3	385,015

The cover features a modern design with a light blue header, a white central area, and a dark blue footer. On the left, there is a vertical image of a white architectural element with horizontal slats. The title 'NOTA TEKNIKAL' is centered in a large, bold, dark blue font, with 'TEKNIKAL' being significantly larger than 'NOTA'. Below the title, the words 'TECHNICAL NOTES' are written in a smaller, dark blue, all-caps font.

NOTA TEKNIKAL

TECHNICAL NOTES

1. SKOP DAN LIPUTAN

Penerbitan ini menggunakan data daripada Banci Ekonomi 2023 (tahun rujukan 2022). Banci mengumpul maklumat daripada pertubuhan berdaftar dalam sektor Pertanian, Perlombongan & pengkuarian, Pembuatan, Pembinaan dan Perkhidmatan. Klasifikasi industri merujuk kepada Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Versi 1.0 yang selaras dengan *International Standard Industrial Classification of All Economic Activities (ISIC), Rev. 4, United Nations*. Liputan bagi keseluruhan sektor merangkumi 1,174 kategori industri seperti yang ditunjukkan pada Jadual 1.

Jadual 1: Bilangan industri mengikut sektor

Sektor	Bilangan industri
Pertanian*	142
Perlombongan & pengkuarian	56
Pembuatan	259
Pembinaan	72
Perkhidmatan	645
Jumlah	1,174

Nota*: Usahawan dalam sektor Pertanian yang hanya berdaftar dengan agensi-agensi kerajaan yang berkaitan bagi maksud menerima bantuan **TIDAK** diliputi kecuali pengusaha kelapa sawit.

2. SUMBER RANGKA STATISTIK

Sumber utama rangka statistik pertubuhan adalah daripada *Malaysia Statistical Business Register (MSBR)*. MSBR adalah senarai pertubuhan/ perusahaan yang beroperasi di Malaysia yang merangkumi Daftar Syarikat (ROC), Daftar Perniagaan (ROB) dan Perkongsian Liabiliti Terhad (LLP) yang berdaftar dengan Suruhanjaya Syarikat Malaysia (SSM) serta pertubuhan yang berdaftar dengan pihak berkuasa tempatan (PBT) dan badan profesional. Senarai di MSBR dikemaskini secara berkala berdasarkan survei dan bancian yang dijalankan oleh Jabatan Perangkaan Malaysia (DOSM) dan sumber data pentadbiran daripada pelbagai agensi. Sumber utama data pentadbiran adalah daripada SSM.

Selain itu, DOSM juga bekerjasama untuk mendapatkan maklumat terkini daripada agensi lain seperti Kumpulan Wang Simpanan Pekerja (KWSP), Jabatan Kastam Diraja Malaysia, Lembaga Hasil Dalam Negeri (LHDN), Pertubuhan Keselamatan Sosial (PERKESO), PBT dan badan profesional. Rangka dikemaskini untuk mengambil kira pertubuhan baru dan sebarang perubahan yang berlaku kepada pertubuhan tersebut seperti tutup, tidak beroperasi, perubahan jenis aktiviti dan lokasi/ alamat pos untuk memastikan maklumat yang terdapat 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 mengikut Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Versi 1.0 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

Industri tersebut dikategorikan kepada lima (5) sektor utama iaitu Pertanian, Perlombongan & pengkuarian, Pembuatan, Pembinaan dan Perkhidmatan. Definisi sektor adalah seperti berikut:

4.1 Pertanian

Pertanian merangkumi aktiviti penanaman, pemeliharaan dan penternakan haiwan dan pengeluaran produk haiwan, penebangan kayu balak dan tanaman lain serta perikanan tangkapan dan akuakultur termasuk penggunaan sumber semulajadi tumbuh-tumbuhan dan haiwan. Terdapat empat subsektor; tanaman, ternakan, perhutanan & pembalakan dan perikanan.

- 4.1.1 **Tanaman** merujuk kepada penanaman dan pengeluaran produk tanaman termasuk pertanian organik. Tanaman juga meliputi penanaman tanaman tidak kekal dan kekal merangkumi penanaman tumbuh-tumbuhan untuk tujuan pengeluaran benih;
- 4.1.2 **Ternakan** merujuk kepada binatang atau unggas yang dipelihara untuk tujuan komersil dan pembiakbakaan. Pengeluaran ternakan termasuk penternakan (ladang) dan pembiakan semua haiwan serta pengeluaran daripada hasil ternakan seperti telur, susu, madu dan sebagainya;
- 4.1.3 **Perhutanan dan pembalakan** termasuk pengeluaran kayu balak untuk industri berasaskan kayu, meliputi pengestrakan dan pengumpulan produk hutan bukan kayu yang tumbuh liar. Selain pengeluaran kayu balak, aktiviti perhutanan yang menghasilkan produk melalui proses minima seperti kayu api, kayu arang, reja kayu dan kayu balak yang digunakan dalam bentuk yang belum diproses. Aktiviti ini boleh dijalankan dalam hutan asli dan ladang hutan. Ia juga termasuk sebahagian daripada aktiviti operasi perhutanan berdasarkan bayaran atau secara kontrak; dan
- 4.1.4 **Perikanan** termasuk perikanan tangkapan dan akuakultur meliputi penggunaan sumber perikanan daripada laut, air payau atau air tawar dengan tujuan menangkap dan mengumpul ikan, krustasia, moluska dan organisma & produk laut lain. Akuakultur ialah proses pengeluaran yang melibatkan pengkulturan (termasuk tuaian) organisma akuatik menggunakan teknik yang direka bentuk untuk meningkatkan pengeluaran organisma tersebut melebihi kapasiti persekitaran semulajadi.

4.2 Perlombongan & pengkuarian

Perlombongan & pengkuarian termasuk pengekstrakan mineral yang terjadi secara semulajadi seperti pepejal (batu arang dan bijih), cecair (petroleum) atau gas (gas asli). Pengekstrakan boleh dijalankan melalui pelbagai kaedah seperti perlombongan bawah tanah atau dedah, pengoperasian telaga, perlombongan dasar laut dan lain-lain. Walau bagaimanapun, subsektor perlombongan mineral & pengkuarian tidak diliputi dalam penerbitan ini.

4.3 Pembuatan

Perubahan fizikal atau kimia ke atas bahan atau komponen menjadi produk baru sama ada kerja itu dilakukan oleh jentera pacuan kuasa atau yang dijalankan dengan tangan, sama ada dilaksanakan di kilang atau di rumah pekerja dan sama ada barang keluaran dijual sama ada barang keluaran dijual secara borong atau runcit.

Pengelasan lapan (8) subsektor mengikut 24 bahagian adalah seperti berikut:

Bahagian	Keterangan
Produk Makanan	
10	Minyak dan lemak daripada sayuran & haiwan dan pemprosesan makanan
Minuman dan produk tembakau	
11	Pembuatan minuman
12	Pembuatan produk tembakau
Produk tekstil, pakaian dan kulit	
13	Pembuatan tekstil
14	Pembuatan pakaian
15	Pembuatan produk kulit dan barangan berkaitan
Produk kayu, perabot, keluaran kertas dan percetakan	
16	Pembuatan kayu dan produk kayu dan gabus, kecuali perabot;
	Pembuatan bagi artikel jerami dan bahan-bahan anyaman
17	Pembuatan kertas dan produk kertas
18	Percetakan dan penerbitan semula media rakaman
31	Pembuatan perabot
Produk petroleum, kimia, getah dan plastik	
19	Pembuatan kok dan produk petroleum bertapis
20	Pembuatan kimia dan produk kimia
21	Pembuatan produk farmaseutikal asas, kimia perubatan dan botani
22	Pembuatan produk getah dan plastik
Produk mineral bukan logam, logam asas & produk logam yang direka	
23	Pembuatan produk galian bukan logam lain
24	Pembuatan logam asas
25	Pembuatan produk logam, kecuali mesin dan kelengkapan
Produk elektrik, elektronik dan optikal	
26	Pembuatan komputer, produk elektronik dan optikal
27	Pembuatan kelengkapan elektrik
28	Pembuatan jentera dan peralatan t.t.t.l.
Peralatan pengangkutan, pembuatan lain dan pembaikan	
29	Pembuatan kenderaan bermotor, treler dan semi treler
30	Pembuatan kelengkapan pengangkutan lain
32	Pembuatan lain
33	Pembaikan dan pemasangan mesin dan kelengkapan

4.4 Pembinaan

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

4.5 Perkhidmatan

Perkhidmatan berkaitan Bekalan elektrik, gas, wap dan pendinginan udara; Bekalan air; pembedungan, pengurusan sisa dan aktiviti pemulihan; Perdagangan borong dan runcit; Pengangkutan dan penyimpanan; Penginapan; Makanan dan minuman; Maklumat dan komunikasi; Kewangan; Hartanah; Profesional, saintifik dan teknikal; Pentadbiran dan khidmat sokongan; Pendidikan swasta; Kesihatan swasta dan kerja sosial; Kesenian, hiburan dan rekreasi; dan Perkhidmatan persendirian dan lain-lain aktiviti.

- 4.5.1. **Bekalan elektrik, gas, wap dan pendingin udara** adalah ditakrifkan sebagai aktiviti pembekalan tenaga elektrik, gas asli, wap, air panas dan seumpamanya melalui satu infrastruktur (rangkaian) tetap bagi talian, saluran utama dan paip. Dimensi rangkaian ini tidak dapat ditentukan; juga termasuk pengagihan elektrik, gas, wap, air panas dan seumpamanya di kawasan perindustrian atau bangunan tempat kediaman. Oleh itu, seksyen ini termasuk operasi utiliti elektrik dan gas yang menjana, mengawal dan mengagih tenaga elektrik atau gas. Juga termasuk bekalan wap dan pendinginan udara;
- 4.5.2. **Bekalan air; pembedungan, pengurusan sisa dan aktiviti pemulihan** meliputi aktiviti yang berkaitan dengan pengurusan sisa termasuk pungutan, perawatan & pelupusan seperti sisa terjadual, sisa pepejal & air sisa daripada perindustrian dan isi rumah, termasuk juga pemulihan bahan & tapak yang tercemar. Hasil sisa daripada proses perawatan boleh dilupus atau menjadi input kepada proses pengeluaran yang lain. Aktiviti yang berkaitan dengan perawatan dan bekalan air juga dimasukkan dalam sektor ini;
- 4.5.3 **Perdagangan borong dan runcit** merangkumi perdagangan & borong perdagangan runcit, dan kenderaan bermotor;
- 4.5.4 **Pengangkutan dan penyimpanan** meliputi pertubuhan yang menyediakan perkhidmatan darat, pengangkutan muatan melalui jalan raya, pengangkutan darat lain, pengangkutan air, penggudangan & aktiviti sokongan seperti pengoperasian terminal, tempat letak kereta, pengoperasian lebuh raya, pengoperasian pelabuhan, pengendalian kargo/ pemunggahan, agensi perkapalan & penghantaran serta lain-lain aktiviti sokongan perkhidmatan pengangkutan;
- 4.5.5 **Perkhidmatan penginapan** merujuk kepada penyediaan tempat penginapan jangka pendek berbayar, sama ada dibuka kepada orang awam atau terhad kepada ahli sebuah pertubuhan tertentu. Ianya tidak termasuk penyewaan tempat tinggal berperabot jangka panjang yang dikelaskan dalam Hartanah;
- 4.5.6 **Makanan dan minuman** termasuk perkhidmatan makanan & minuman yang menyediakan hidangan atau minuman lengkap untuk penggunaan segera, sama ada di restoran tradisional, restoran layan diri atau bawa pulang, yang didirikan secara kekal atau sementara dengan atau tiada kemudahan tempat duduk;
- 4.5.7 **Maklumat & komunikasi** terdiri daripada aktiviti penerbitan, penerbitan wayang gambar, video & program televisyen, rakaman bunyi & penerbitan muzik, pemrograman & penyiaran, perkhidmatan telekomunikasi pengaturcaraan komputer, perundingan & aktiviti yang berkaitan dan perkhidmatan maklumat;
- 4.5.8 **Kewangan** adalah meliputi aktiviti perantaraan kewangan; aktiviti perkhidmatan kewangan lain dan aktiviti sokongan kepada perkhidmatan kewangan; aktiviti insurans/ takaful, insurans/ takaful semula dan tabungan pencen & hemat; dan aktiviti sokongan kepada insurans/ takaful dan tabungan pencen;
- 4.5.9 **Hartanah** termasuk tindakan seperti pemberi pajak, ejen dan/ atau broker di dalam satu atau lebih daripada yang berikut: penjualan atau pembelian hartanah, penyewaan hartanah, penyediaan perkhidmatan hartanah lain seperti penilaian hartanah, pengurusan hartanah atau bertindak sebagai ejen hartanah eskrow. Aktiviti dalam bahagian ini mungkin dijalankan di atas hartanah milikan sendiri atau pajakan dan mungkin berlaku atas dasar bayaran atau kontrak. Termasuk juga pembangunan struktur, berserta mengekalkan hak milik atau pajakan bagi struktur tersebut;

- 4.5.10 **Profesional, saintifik & teknikal** termasuk aktiviti profesional khusus, saintifik & teknikal yang memerlukan tahap latihan yang tinggi dan menjadikan pengetahuan dan kemahiran khusus tersedia kepada pengguna. Aktiviti yang dijalankan termasuk aktiviti guaman & perakaunan, aktiviti ibu pejabat, aktiviti perundingan pengurusan, aktiviti arkitek & kejuruteraan, ujian & analisis teknikal, penyelidikan & pembangunan saintifik, pengiklanan & penyelidikan & pembangunan saintifik, pengiklanan & penyelidikan, penyelidikan pasaran, profesional lain, aktiviti saintifik & teknikal dan veterinar;
- 4.5.11 **Pentadbiran dan khidmat sokongan** termasuk pelbagai aktiviti yang menyokong operasi am perniagaan meliputi aktiviti sewaan & pajakan, aktiviti pekerjaan, agensi pengembaraan, operator pelancongan & aktiviti perkhidmatan penempahan lain, aktiviti keselamatan & penyiasatan, aktiviti perkhidmatan bangunan & lanskap dan aktiviti pengurusan pejabat, sokongan pejabat & perniagaan lain;
- 4.5.12 **Pendidikan swasta** merujuk kepada pertubuhan yang berdaftar dengan Kementerian Pendidikan Malaysia dan Kementerian Pengajian Tinggi yang menyediakan perkhidmatan pelajaran akademik, vokasional dan perdagangan. Aktiviti yang diliputi dalam kumpulan ini ialah pendidikan pra sekolah & pendidikan rendah, pendidikan menengah, pendidikan tinggi, pendidikan lain dan perkhidmatan sokongan lain;
- 4.5.13 **Kesihatan swasta & kerja sosial** meliputi aktiviti hospital, aktiviti amalan perubatan & pergigian, aktiviti kesihatan dan kemanusiaan lain, aktiviti rumah penjagaan, dan aktiviti kerja sosial tanpa penginapan;
- 4.5.14 **Kesenian, hiburan & rekreasi** termasuk pelbagai aktiviti bagi memenuhi minat orang awam dalam aktiviti kebudayaan, hiburan dan rekreasi meliputi persembahan secara langsung, operasi muzium, perjudian, sukan dan aktiviti rekreasi; dan
- 4.5.15 **Perkhidmatan persendirian dan lain-lain aktiviti** termasuk aktiviti keahlian organisasi aktiviti organisasi keahlian perniagaan, majikan & profesional, aktiviti kesatuan buruh, aktiviti keahlian organisasi lain, pembaikan komputer & barangan persendirian dan isi rumah dan aktiviti perkhidmatan seperti basuhan dan cucian kering tekstil dan produk berbulu; dandanan rambut dan penjagaan kecantikan lain; dan pengebumian dan aktiviti perkhidmatan lain.

5. TAHUN BANCİ

Tahun banci adalah merujuk kepada tahun pelaksanaan banci.

6. TAHUN RUJUKAN

Tahun rujukan bagi banci 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

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

7.1 Kaedah atas talian melalui portal e-BE

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

7.2 Kaedah 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.

7.3 Kaedah 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

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

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.

9.3 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:

- Dikawal di bawah Akta Syarikat 1965 dan merupakan entiti yang sah terpisah daripada pemilik;
- Dimiliki oleh 2 - 50 orang pemegang saham;
- Pemilik syarikat mempunyai liabiliti terhad;
- 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;
- Penjualan saham mesti dengan persetujuan pemegang saham yang lain;
- Tidak disenaraikan di Bursa Malaysia;
- 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:

- Dikawal di bawah Akta Syarikat 1965 dan merupakan entiti yang sah terpisah daripada pemilik;
- Dimiliki oleh pemegang pemegang saham dan tiada had bagi pemilik saham berkenaan;
- Pengurusan dan kawalan syarikat adalah di bawah tanggungjawab Lembaga Pengarah yang dilantik oleh pemegang saham; dan
- 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 Perbadangan awam

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

9.8 Pertubuhan persendirian tidak mencari keuntungan

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

10. STRUKTUR HAK MILIK

Taraf sah sesebuah pertubuhan telah ditakrifkan seperti berikut:

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 negara juga dianggap sebagai Bukan Residen Malaysia.

11. PERTUBUHAN MILIKAN WANITA

Merujuk kepada pertubuhan yang memiliki sekurang-kurangnya 51 peratus pemilikan ekuiti dipegang oleh wanita ATAU Pemegang saham terbesar adalah wanita dan diuruskan oleh wanita ATAU Ketua Pegawai Eksekutif atau Pengarah urusan adalah wanita yang memiliki sekurang-kurangnya 10 peratus ekuiti.

12. PERTUBUHAN MILIKAN BELIA

Had umur pemilik tidak kurang 18 tahun dan tidak lebih 30 tahun pada tahun rujukan banci. Merujuk kepada pertubuhan yang memiliki sekurang-kurangnya 51 peratus pemilikan ekuiti dipegang oleh belia ATAU Pemegang saham terbesar adalah belia dan diuruskan oleh belia ATAU Ketua Pegawai Eksekutif atau Pengarah urusan adalah belia yang memiliki sekurang-kurangnya 10 peratus ekuiti.

13. NILAI OUTPUT KASAR

13.1 Pemilik yang bekerja dan pekerja keluarga tidak bergaji Nilai output kasar Pertanian (tanaman, ternakan, perhutanan dan pembalakan, dan perikanan) dikirakan daripada item-item berikut:

Jualan daripada hasil pertanian

- + Stok hasil pertanian (akhir)
- + Barangan dalam proses dan stok barangan siap (pembuatan sendiri) (akhir)
- + Jualan daripada hasil pertanian
- + Pendapatan daripada kerja pertanian yang dibuat untuk pihak lain
- + Pendapatan daripada hasil pertanian yang diproses
- + Nilai jualan daripada barangan/ bahan/ produk berkaitan pertanian yang dibeli untuk dijual semula tanpa proses selanjutnya.
- + Pendapatan lain yang berkaitan dengan pertanian
- + Pendapatan daripada pertanian lain
- + Kawasan perhutanan dikontrakkan kepada kontraktor (Perhutanan dan pembalakan sahaja)
- + Royalti, hakcipta, pelesenan dan yuran francais
- + Pendapatan daripada agro pelancongan (Tanaman/ Ternakan/ Perikanan)
- + Nilai jualan barangan/ bahan bukan pertanian yang dibeli untuk dijual semula tanpa melalui proses selanjutnya
- + Semua pendapatan lain: Output
- + Perbelanjaan penyelidikan dan pembangunan: Dalaman
- Pendapatan daripada sewa: Tanah
- Stok hasil pertanian (awal)
- Barangan dalam proses dan stok barangan siap (pembuatan sendiri) (awal)
- Kos barangan/ bahan/ produk berkaitan dengan aktiviti pertanian yang dibeli untuk dijual semula tanpa melalui proses selanjutnya.
- Kos barangan/ bahan/ yang dijual (barangan/ bahan bukan pertanian) yang dibeli untuk dijual semula tanpa melalui proses selanjutnya.

13.2 Nilai output kasar **Perlombongan & pengkuarian, Pembuatan dan Pembinaan** ditakrifkan dengan memasukkan elemen berikut:

Nilai jualan mineral/ produk kuari/ produk pembuatan dan nilai kerja pembinaan:

- + Nilai barangan yang dijual dalam keadaan yang sama seperti dibeli
- Kos barangan yang dijual dalam keadaan yang sama seperti yang dibeli
- + Perbelanjaan modal ke atas binaan sendiri
- + Penerimaan bayaran daripada skrap, tenaga elektrik, produk sisa, dll. yang dijual kepada orang lain
- + Komisen dan pembrokeran yang diterima
- + Semua nilai output lain (seperti penerimaan perkhidmatan bukan perindustrian, misalnya bayaran pengurusan, sewa harta, dll.)
- + Stok akhir barangan siap
- Stok awal barangan siap
- + Stok akhir barangan sedang diproses
- Stok awal barangan sedang diproses
- + Perbelanjaan penyelidikan dan pembangunan (Dalaman)

13.3 Nilai output kasar **Perkhidmatan** ditakrifkan dengan memasukkan perkara berikut:

- + Nilai jualan barangan yang dibeli untuk dijual semula
- + Perkhidmatan pengurusan
- + Komisen dan pembrokeran yang diterima
- + Yuran yang diterima daripada keahlian
- + Pendapatan daripada sewa yang diterima kecuali tanah
- + Pendapatan operasi lain
- + Cukai perkhidmatan dan caj perkhidmatan
- Nilai barang yang dibeli untuk dijual semula dalam keadaan sama seperti dibeli
- + Stok akhir
- Stok awal
- + Perbelanjaan penyelidikan dan pembangunan (Dalaman)

14. NILAI INPUT PERANTARAAN

14.1 Nilai input perantaraan **Pertanian** (Tanaman, Ternakan, Perhutanan dan pembalakan, dan Perikanan) ditakrifkan dengan memasukkan unsur berikut:

Kos bahan langsung yang digunakan dalam aktiviti pertanian

- + Jumlah bayaran ke atas kerja-kerja pertanian yang dibuat oleh pihak lain
- + Kos biji/ benih tanaman jangka pendek/ anak ternakan bukan baka
- + Perbelanjaan untuk aktiviti pertanian lain
- + Bahan dan bekas pembungkus yang digunakan
- + Bahan yang digunakan bagi pembaikan dan penyelenggaraan
- + Alat tulis dan bekalan pejabat yang digunakan
- + Air yang dibeli
- + Tenaga elektrik yang dibeli
- + Bahan pembakar, pelincir dan gas yang digunakan
- + Bayaran pembaikan dan penyelenggaraan semasa yang dibuat oleh pihak lain bagi harta tetap pertubuhan ini
- + Pengangkutan barangan (pengangkutan keluar)
- + Perbelanjaan perjalanan
- + Bayaran perakaunan, kesetiausahaan dan audit
- + Perbelanjaan pengiklanan dan promosi
- + Bayaran guaman
- + Bayaran perkhidmatan profesional lain
- + Bayaran pengurusan
- + Komisen dan bayaran agensi
- + Bayaran telekomunikasi
- + Bayaran pos (termasuk perkhidmatan kurier)
- + Caj bank
- + Premium insurans dibayar ke atas bangunan, jentera, alat pengangkutan dan barangan
- + Bayaran bagi perkhidmatan keselamatan
- + Bayaran pemprosesan data dan lain-lain perkhidmatan yang berkaitan dengan teknologi maklumat
- + Bayaran sewa (tidak termasuk bagi sewa untuk penggunaan tanah)
- + Perbelanjaan ke atas agro pelancongan
- + Bayaran royalti: Organisasi bukan kerajaan/ tajaan korporat
- + Cukai Barang dan Perkhidmatan pada pembelian bersih yang tidak boleh dituntut sebagai cukai input
- + Bayaran kepada pengarah tidak bekerja kerana kehadiran mereka dalam mesyuarat Lembaga Pengarah
- + Perbelanjaan lain: Input
- + Nilai pakaian percuma yang disediakan
- + Kos latihan kepada pekerja

14.2 Nilai input perantaraan **Perlombongan & pengkuarian, Pembuatan dan Pembinaan** ditakrifkan dengan memasukkan unsur berikut:

Nilai bahan dan bekalan yang digunakan

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

14.3 Nilai input perantaraan **Perkhidmatan** ditakrifkan dengan memasukkan unsur berikut:

Nilai bahan dan bekalan yang digunakan

- + Premium insurans
- + Royalti dan bayaran paten
- + Caj bank
- + Nilai bahan pembakar, pelincir dan gas yang digunakan
- + Perbelanjaan penyelidikan dan pembangunan
- + Perbelanjaan pematuhan alam sekitar
- + Perbelanjaan operasi lain

15. NILAI DITAMBAH

Nilai ditambah adalah perbezaan di antara nilai output kasar dengan nilai input perantaraan. Ini hampir menyamai dengan keuntungan perniagaan, gaji dan upah, susut nilai dan cukai tidak langsung; campur faedah yang dibayar dan tolak faedah yang diterima.

16. BILANGAN PEKERJA

Statistik tenaga buruh menggunakan pelbagai istilah untuk menerangkan pasaran buruh, bergantung kepada definisi, skop dan liputan statistik yang diterbitkan.

Istilah bilangan penduduk bekerja di dalam statistik yang diterbitkan oleh DOSM melalui Survei Tenaga Buruh (STB) merujuk kepada bilangan penduduk yang berumur antara 15 hingga 64 tahun yang bekerja sekurang-kurangnya sejam semasa minggu rujukan untuk mendapatkan upah, keuntungan atau keuntungan keluarga (sebagai majikan, pekerja, bekerja sendiri atau pekerja keluarga tanpa gaji).

Manakala statistik bilangan **Jawatan Diisi** di dalam Statistik Guna Tenaga pula merujuk kepada bilangan pekerja yang bekerja pada akhir setiap bulan, termasuk pekerja sepenuh masa dan pekerja separuh masa; pekerja tetap, sementara atau bermusim; pekerja bergaji bulanan dan pekerja yang dibayar gaji berdasarkan jam bekerja; pekerja yang sedang bercuti jangka pendek seperti cuti sakit atau cuti rehat; dan pekerja yang baru diambil bagi mengisi kekosongan pada suku tahun berkenaan. Statistik ini tidak meliputi pemilik perseorangan dan rakan niaga; pekerja keluarga tanpa gaji; pekerja yang terlibat dalam mogok sepanjang bulan berkenaan; pekerja yang bercuti tanpa gaji sepanjang bulan berkenaan; dan pekerja yang dibekalkan oleh agensi lain seperti subkontraktor dan perunding.

Sementara itu, bilangan pekerja formal di dalam Statistik Upah Pekerja Suku Tahunan pula merujuk kepada bilangan individu yang bekerja di bawah kontrak perkhidmatan atau latihan perintisan bermajikan dan menerima ganjaran untuk kerja yang diselesaikan. Walau bagaimanapun, pekerja formal tidak merangkumi individu di bawah pekerjaan bukan standard, termasuk individu bekerja sendiri, pekerja gig, pekerja akaun sendiri, pekerja keluarga tanpa gaji, dan sebagainya.

Bagi penerbitan Banci Ekonomi 2023, bilangan pekerja merujuk kepada bilangan orang yang bekerja untuk pertubuhan yang dibanci pada bulan Disember atau pada tempoh pembayaran gaji terakhir tahun rujukan.

16.1 Pemilik yang bekerja dan pekerja berkeluarga tidak bergaji

Bilangan pekerja merujuk kepada bilangan orang yang bekerja pada bulan Disember atau pada tempoh pembayaran gaji terakhir bagi tahun rujukan. Bilangan orang yang bekerja dikategorikan seperti berikut:

i. Pemilik yang bekerja dan rakan niaga yang aktif.

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

16.2 Pekerja bergaji (sepenuh masa)

Merujuk kepada semua pekerja bergaji (sepenuh masa) yang bekerja sekurang-kurangnya enam jam sehari dan/atau 20 hari sebulan. Semua pekerja ini harus dikelaskan mengikuti Piawaian Pengelasan Pekerjaan Malaysia (MASCO) 2020 seperti berikut:

i. Pengurus, profesional dan penyelidik meliputi:

a. Pengurus

Merujuk kepada mereka yang menggubal, menganalisa, merumus, mengarah dan memberi nasihat tentang dasar kerajaan, dan membuat, meminda dan 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 berkepentingan khas, atau mengatur, memimpin, mengawal dan menyelaras dasar dan aktiviti perusahaan, organisasi, jabatan atau seksyen dalamannya; 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 mahir pertanian, perhutanan, penternakan dan perikanan

Merujuk kepada mereka yang menanam dan menuai tanaman ladang atau pokok dan pokok renek dan mengumpulkan buah-buahan, herba dan tanaman liar; menternak, menjaga atau memburu haiwan dan mengeluarkan pelbagai produk ternakan; menanam, memelihara dan mendapatkan hasil hutan; membiak baka atau menangkap ikan; dan memelihara atau mengumpulkan pelbagai hidupan akuatik lain;

d. 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 stuktur logam; membuat, melaraskan, menyelenggara dan membaik 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

e. 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.

16.3 Pekerja bergaji (sambilan)

Merujuk kepada semua pekerja bergaji (sambilan) yang bekerja kurang daripada enam jam sehari dan/ atau kurang daripada 20 hari sebulan.

17. KATEGORI KEMAHIRAN

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

i. Pekerja mahir

Pengurus, profesional dan penyelidik, dan Juruteknik dan profesional bersekutu;

ii. Pekerja separuh mahir

Pekerja sokongan perkeranian, perkhidmatan dan jualan, Pekerja mahir pertanian, perhutanan, penternakan dan perikanan dan Pekerja kemahiran & pekerja pertukangan yang berkaitan serta Operator mesin & loji dan pemasang; dan

iii. Pekerja berkemahiran rendah

Pekerja asas.

18. GAJI & UPAH

Semua pembayaran (gaji, upah, bonus, komisyen, 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.

19. NILAI HARTA TETAP

Harta tetap meliputi semua barangan, baharu atau terpakai, ketara atau tidak ketara yang mempunyai hayat produktif lebih daripada setahun. Ini termasuk tanah, bangunan dan struktur, alat pengangkutan, komputer dan peralatan periferal, perisian komputer, peralatan mesin dan lain-lain, serta perabot dan pemasangan lain. Nilai harta tetap awal dan akhir tahun 2022 berasaskan nilai buku bersih.

20. PEMBUNDARAN

Hasil tambah bagi angka komponen mungkin berbeza dengan sub-jumlah atau jumlah besar disebabkan oleh pembundaran.

21. NEGERI SUPRA

Berdasarkan *System of National Accounts* (SNA) 2008, kategori unit institusi berdasarkan kepentingan ekonomi dan kedudukan geografi seperti berikut; (1) kebanyakan aktiviti adalah di dalam lingkungan satu wilayah; (2) unit pelbagai wilayah dengan pusat kepentingannya di beberapa wilayah tetapi bukan seluruh negara; (3) unit yang beroperasi pada peringkat nasional, iaitu pusat kepentingannya tidak boleh dikaitkan dengan kedudukan geografi (negeri Supra). Negeri Supra pada peringkat negeri adalah bersamaan dengan organisasi luar wilayah pada peringkat nasional. Di Malaysia, negeri Supra merangkumi aktiviti pengeluaran yang melangkaui pusat kepentingan ekonomi utama bagi mana-mana negeri.

22. PERUSAHAAN MIKRO, KECIL DAN SEDERHANA

Definisi Perusahaan Mikro, Kecil dan Sederhana (PMKS) yang digunakan adalah berdasarkan definisi baru yang berkuatkuasa pada 1 Januari, 2014:

Sektor	Saiz	Hasil tahunan	Bilangan pekerja Sepenuh masa
Pembuatan	Mikro	Kurang daripada RM300,00	Kurang daripada 5 pekerja
	Kecil	Antara RM300,000 hingga kurang daripada RM15 juta	Dari 5 hingga kurang daripada 75 pekerja
	Sederhana	Antara RM15 juta hingga tidak melebihi RM50 juta	Dari 75 hingga tidak melebihi 200 pekerja
Pertanian, Perlombongan & pengeluaran, Pembinaan dan Perkhidmatan	Mikro	Kurang daripada RM300,000	Kurang daripada 5 pekerja
	Kecil	Antara RM300,000 hingga kurang daripada RM3 juta	Dari 5 hingga kurang daripada 30 pekerja
	Sederhana	Antara RM3 juta hingga tidak melebihi RM20 juta	Dari 30 hingga tidak melebihi 75 pekerja

Sumber: Garis Pandus bagi Definisi Baharu PMKS, SME Corp. Malaysia, Oktober 2013

23. KOS PEKERJAAN

Kos pekerjaan terbahagi kepada beberapa elemen seperti:

1. Gaji & upah dibayar.
2. Bayaran pampasan, persaraan / pemberhentian kepada pekerja. Merujuk kepada bayaran oleh majikan kepada pekerja apabila mereka bersara atau berhenti kerja.
3. Bayaran berbentuk manfaat kepada pekerja;
 - Rawatan perubatan percuma. Merujuk kepada bayaran untuk rawatan perubatan kepada pekerja oleh pertubuhan.
 - Lain-lain (contoh: makanan percuma, tempat tinggal percuma dll.). Merujuk kepada bayaran ke atas makanan, tempat tinggal dan sebagainya yang disediakan (secara percuma) oleh pertubuhan kepada pekerja.
4. Caruman majikan kepada kumpulan wang simpanan, skim keselamatan sosial, pencen dan kebajikan.
5. Bayaran kepada pengarah tidak bekerja kerana kehadiran mereka dalam Mesyuarat Lembaga Pengarah. Merujuk kepada bayaran oleh pertubuhan kepada pengarah yang tidak bekerja kerana kehadiran mereka dalam Mesyuarat Lembaga Pengarah
6. Nilai pakaian percuma yang disediakan. Merujuk kepada nilai pakaian yang diberikan secara percuma kepada pekerja seperti pakaian seragam, pakaian luar dan pakaian kerja.
7. Kos latihan kepada pekerja. Merujuk kepada kos latihan, bengkel dan persidangan pekerja yang dibiayai oleh majikan, sama ada dalam atau luar negara.
8. Kos pengangkutan pekerja (pergi dan balik dari tempat kerja). Merujuk kepada kos pengangkutan pekerja pergi dan balik dari tempat kerja yang diuruskan oleh pertubuhan seperti perkhidmatan bas kilang.
9. Bayaran levi pekerja. Merujuk kepada bayaran yang dibayar pada tahun rujukan oleh majikan pekerja asing kepada kerajaan adalah seperti yang dikuatkuasa oleh pihak berkuasa.
10. Perbelanjaan pembayaran berasaskan saham kepada pekerja (termasuk saham & pilihan saham). Merujuk kepada jumlah perbelanjaan yang ditanggung daripada urus niaga pembayaran berasaskan saham untuk saham prestasi pekerja atau pilihan saham, yang ditawarkan oleh syarikat kepada pekerja yang bekerja sebagai sebahagian daripada pakej imbuhan mereka.
11. Kos pekerja lain.

24. KADAR PERTUMBUHAN TAHUNAN DIKOMPAN (CAGR)

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

25. SIMBOL DAN SINGKATAN

-	:	tiada maklumat
0	:	nilai bundaran kurang daripada skala yang ditetapkan
&	:	dan
%	:	peratus
dll.	:	dan lain-lain
e.g	:	contoh
CAGR:		kadar pertumbuhan tahunan dikompaun
RM	:	Ringgit Malaysia
t.t.t.l	:	tidak terkelas di tempat lain
Ver.	:	versi
W.P.	:	Wilayah Persekutuan

1. SCOPE AND COVERAGE

This publication used data from Economic Census 2023 (reference year 2022). This survey collected information from registered establishments in Agriculture, Mining & quarrying, Manufacturing, Construction and Services sectors. The classifications of activities were referring to Malaysia Standard Industrial Classification (MSIC) 2008 Ver. 1.0, in accordance with the International Standard Industrial Classification of All Economic Activities (ISIC), Rev. 4 United Nations. The coverage for all sectors encompasses 1,174 activities as shown in Table 1.

Table 1: Number of activities by sector

Sector	Category of industries
Agriculture*	142
Mining & quarrying	56
Manufacturing	259
Construction	72
Services	645
Total	1,174

Notes*: Entrepreneurs in the Agriculture sector which registered with relevant government agencies for the purpose of receiving aid were **NOT** covered except palm oil's entrepreneurs

2. SOURCE OF STATISTICAL FRAME

The main source of the establishment statistical frame is from the Malaysia Statistical Business Register (MSBR). MSBR is a list of organisations/ enterprises operating in Malaysia that includes the Register of Companies (ROC), Register of Business (ROB) and Limited Liability Partnership (LLP) registered with the Companies Commission of Malaysia (CCM) as well as organisations registered with local authorities (LA) and professional bodies. The list in MSBR is updated regularly based on surveys and censuses conducted by the Department of Statistics Malaysia (DOSM) and administrative data sources from various agencies. The main source of administrative data is from CCM. In addition, DOSM also works together to obtain the latest information from other agencies such as the Employees' Provident Fund (EPF), the Royal Malaysian Customs Department, the Inland Revenue Board (IRB), Social Security Organization (SOCSO), LA and professional bodies. The frame is updated to take into account new establishments and to record any changes in the status of the establishments such as closed down, not in operation, change in activity and location/ correspondence address to ensure the frame is at the most current status.

3. TYPE OF BUSINESS ACTIVITY

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

4. CONCEPT AND DEFINITIONS

The industries are categorised into five (5) main sectors namely Agriculture, Mining & quarrying, Manufacturing, Construction and Services. The sectoral definitions include the following activities:

4.1 Agriculture

Agriculture comprising the activities of growing, breeding and rearing of animals and production of animal products, felling of trees and other plants, as well as capture fishery and aquaculture includes the use/ utilisation of plants/ vegetal and animals natural resources. There are four sub-sectors; crops, livestock, forestry and logging and fisheries:

- 4.1.1 **Crops** refer to production of crops products including organic farming. Crops also include the growing of non-perennial perennial and crops for the purpose of seed production;
- 4.1.2. **Livestocks** refer to animals or bird that preserved for commercial and breeding purposes. Livestock production includes raising (farming) and breeding of all animals, also production of livestock products such as eggs, milk, honey, etc;
- 4.1.3. **Forestry and logging** includes the production of round wood for the forest based manufacturing industries as well as the extraction and gathering of wild growing non-wood forest product. Besides the production of timber, forestry activities which produce the product through the minimum process, such as fire wood, charcoal, wood chips and round wood used in unprocessed form. These activities can be carried out in natural or forests plantation. This also includes part of the forestry operation based on fee or contract basis; and
- 4.1.4 **Fisheries** comprise of fishing and aquaculture, covering the use of fishery resources from marine, brackish or freshwater, with the purpose of capturing or gathering fish, crustaceans, molluscs and other marine organisms and products. Aquaculture refer to the production process involving the culturing or farming (including harvesting) of aquatic organisms using techniques designed to increase the production of the organisms beyond the natural capacity of the environment.

4.2 Mining & quarrying

Mining & quarrying include the extraction of minerals occurring naturally as solids (coal and ores), liquids (petroleum) or gases (natural gas). Extraction can be achieved by different methods such as underground or surface mining, well operation, seabed mining, etc. However, Mineral mining & quarrying sub-sectors were not covered in this publication.

4.3 Manufacturing

The physical or chemical transformation of materials or components into new products, whether the work is performed by power-driven machines or by hand, whether it is done in a factory or in the worker's home, and whether the products are sold at wholesale or retail.

The classification of eight (8) sub-sectors according to 24 divisions as follows:

Division	Description
Food products	
10	Vegetable and animal oils & fats and food processing
Beverages and tobacco products	
11	Manufacture of beverages
12	Manufacture of tobacco products
Textiles, weearing apparel and leather products	
13	Manufacture of textiles
14	Manufacture of wearing apparel
15	Manufacture of leather and retailed products
Wood products, furniture, paper products and printing	
16	Manufacture of wood products of wood and cork furniture;
	Manufacture of articles of straw and plaiting materials
17	Manufacture of paper and paper products
18	Printing and reproduction of recorded media
31	Manufacture of furniture
Petroleum, chemical, rubber and plastic products	
19	Manufacture of coke and refined petroleum products
20	Manufacture of chemicals and chemical products
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations
22	Manufacture of rubber and plastic products
Produk mineral bukan logam, logam asas & produk logam yang direka	
23	Manufacture of other non-metallic mineral products
24	Manufacture of basic metals
25	Manufacture of fabricated metal products, except machinery and equipment
Produk elektrik, elektronik dan optikal	
26	Manufacture of computer, electronic and optical products
27	Manufacture of electrical equipment
28	Manufacture of machinery and equipment n.e.c
Peralatan pengangkutan, pembuatan lain dan pembaikan	
29	Manufacture of motor vehicles, trailer and semitrailers
30	Manufacture of other transport equipment
32	Other manufacturing
33	Repair and installation of machinery and equipment

4.4 Construction

Defined as new construction, alteration, repair and demolition. Installation of any machinery or equipment which built-in at the time of the original construction is included, as well as installation of machinery or equipment after the original construction but which requires structural alteration in order to install.

4.5 Services

Services related to Electricity, gas, steam and air conditioning supply; Water supply; sewerage, waste management and remediation activities; Wholesale and retail trade; Transportation and storage; Information and communication; Accommodation, Food and beverage; Finance; Real estate; Professional, scientific and technical; Administrative and support services; Private education; Private health and social work; Art, entertainment and recreation and Personal services and other activities.

- 4.5.1 **Electricity, gas, steam and air conditioning supply** are defined as an activity of providing electric power, natural gas, steam, hot water and the like through a permanent infrastructure (network) of lines, mains & pipes. The dimension of the network is not decisive; also included are the distribution of electricity, gas, steam, hot water and the like in industrial parks or residential buildings. This section therefore includes the operation of electric gas utilities, which generate, control and distribute electric power or gas. Also included is the provision of steam & air-conditioning supply;
- 4.5.2. **Water supply, sewerage, waste management & remediation activities** comprised of activities related to waste management includes collection, treatment & disposal such as scheduled waste, solid waste & waste water from industrial and household, including recovery materials & contaminated sites. The waste from the treatment process can be disposed of or used as input for other production process. Related activities in water treatment and supply are also included in this sector;
- 4.5.3. **Wholesale and retail trade** encompass of wholesale and retail trades, sales and repair of motor vehicles & motorcycles;
- 4.5.4. **Transportation and storage** includes all establishment provides land transport freight transport by road, other land transport, water transport, warehousing & supporting activities such as storage & warehousing, terminal operations, car parking services, highway operations, port operations, cargo handling/ stevedoring, shipping agencies & forwarding of freight and other supporting activities for transportation services;
- 4.5.5. **Accommodation** refer to the provision on a fee of short term lodging, whether open to the general public or restricted to members of a particular organisation. It excludes rental of long term furnished accommodation which is classified in Real Estate;
- 4.5.6. **Food and beverages** include food & beverage serving activities providing complete meals or drinks fit for immediate consumption, whether in traditional restaurants, self-service or take-away restaurants, whether as permanent or temporary stands with or without seating;
- 4.5.7 **Information and communication** comprised activities of publishing, motion picture, video & television programme production, sound recording & music publishing, programming & broadcasting, telecommunication services, computer programming, consultancy & related activities and information services;
- 4.5.8. **Finance** include monetary intermediation activities; other financial service activities and activities auxiliary to financial services; insurance/ takaful, reinsurance/ retakaful and pension & provident funding activities; and activities auxiliary to insurance/ takaful and pension funding;
- 4.5.9 **Real estate** include acting as lessors, agents and/ or brokers in one or more of the following: selling or buying real estate, renting real state, providing other real estate services such as appraising real estate, property management or acting as real estate escrow agents. Activities in this division may be carried out on own or leased property and may be done on a fee or contract basis. Also included is the building of structures, combined with maintaining ownership of leasing of such structures;

- 4.5.10 **Professional, scientific and technical** includes specialised professional, scientific & technical activities which require a high degree of expertise and training, and specialised knowledge and skills available to users. Activities performed include legal & accounting activities, activities of head offices, management consultancy activities, architecture & engineering activities, technical testing & analysis, scientific research & development, advertising & market research, other professional, scientific & technical activities and veterinary activities;
- 4.5.11 **Administrative and support activities** include a variety of activities that support general business operations including rental & leasing activities, employment activities, travel agency, tour operator & other reservation service activities, security & investigation activities, services to building & landscape activities & office administrative, office support & other business support activities;
- 4.5.12 **Private education** refer to establishments registered with the Ministry of Education, Malaysia and the Ministry of Higher Education that provides academic, pre-primary & primary education, secondary education, higher education, other education and educational support activities;
- 4.5.13. **Private health and social work** include hospital services, medical & dental practice activities, other human health activities, residential care activities and social work activities without accommodation;
- 4.5.14. **Arts, entertainment and recreation** include a wide range of activities to meet varied cultural, entertainment & recreational interests of the general public, including live performances, operation of museum sites, gambling, sport and recreation activities; and
- 4.5.15. **Personal services and other activities** include activities of membership organisations, activities of business, employers and professional membership organisations, activities of trade unions, activities of others membership organisations, repair of computers and personal and household goods and others personal services activities such as washing and dry-cleaning of textiles and fur products hairdressing and other beauty treatment and funeral and other services activities.

5. CENSUS YEAR

Refers to the year in which a census was conducted

6. REFERENCE YEAR

The reference year of the survey 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 method 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 engaged in one activity, under a single legal entity and operating in a single physical location”. Each establishment is assigned an industry classification based on its principal activity and not according to the activities of the parent company.

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

9. LEGAL STATUS

The legal status of an establishment is defined as follows:

9.1 Individual proprietorship

Refer 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

Refer to a group of individuals who agree to contract and to carry out a business with the objective of profit making. All shareholders or an one 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.

9.3 Limited liabilities partnership

Refer 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; and

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:

- *Regulated under the Companies Act 1965 and is a legal entity separate from the owners;*
- *Number of its shareholders between 2 - 50 members;*
- *Company owners have limited liability;*
- *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;*
- *Trading of share must be with the consent of the other shareholders;*
- *Not listed on the Stock Exchange; and*
- *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:

- *Regulated under the Companies Act 1965 and is a legal entity separate from the owner;*
- *Owned by the shareholders and there is no limit to the shareholder;*
- *Management of the company is under the board of director responsibilities as appointed by shareholders; and*
- *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 organisation 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 organisation 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. WOMEN-OWNED ESTABLISHMENTS

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

12. YOUTH-OWNED ESTABLISHMENTS

The owner's age limit is not less than 18 years old and not more than 30 years old during the census reference year. Refers to a minimum of 51 per cent of the equity held by a youth or youth OR the biggest shareholders are youth and the establishment is managed by a youth OR the Chief Executive Officer or Managing Director is a youth that owns at least 10 per cent of the equity.

13. VALUF OF GROSS OUTPUT

13.1 The value of gross output of Agriculture (crops, livestock, forestry and logging, and fisheries) is defined to include the following items:

Sales of agriculture product

- + *Stocks of agricultural products (closing)*
- + *Goods in progress and stocks of finished goods (owned manufactured) (closing)*
- + *Sales of agricultural products*
- + *Income from agricultural work done for others*
- + *Income from products processed from agricultural*
- + *Value of sales from goods/ materials/ products related to agricultural activity that is purchased for resale without further processing*
- + *Other income related to agriculture*
- + *Income from other agricultural activities*
- + *Forestry area sub-contracted to contractors (Forestry and logging only)*
- + *Royalties, copyrights, licensing, and franchise fees*
- + *Rental income received*
- + *Income from agro tourism (Crops/ Livestock/ Fisheries)*
- + *Value of sales from non-agricultural goods/materials that is purchased for resale without further processing*
- + *All other income: Output*
- + *Research and development expenditure: In-house*
- *Rental income received: Land*
- *Stocks of agricultural products (opening)*
- *Goods in progress and stocks of finished goods (owned manufacturing) (opening)*
- *Cost of goods/ materials/ products related to planting activity, purchased for resale without undergoing further processing*
- *Cost of goods/ materials sold (non-agricultural goods/ materials that is purchased for resale without undergoing further processing)*

13.2 The value of gross output of **Mining & quarrying, Manufacturing and Construction** are defined to include the following items:

Sale of mineral/ quarry products/ manufactured products and construction work done

- + *Values of goods sold in the same condition as purchased*
- *Cost of goods sold in the same condition as purchased*
- + *Capital expenditure on own construction*
- + *Income from industrial services rendered to others*
- + *Income from industrial work done*
- + *Receipt from scrap, electricity, waste product, etc. sold to others*
- + *Receipt from commission and brokerage earned*
- + *All other output (such as receipts of non-industrial services, e.g., payment of management rental of property, etc.)*
- + *Closing stock of finished goods*
- *Opening stock of finished goods*
- + *Closing stock of goods being processed*
- *Opening stock of goods being processed*
- + *Research and development expenditure (In-house)*

13.3 The value of gross output of **Services** is defined to include the following items:

- + *Value of goods sold in the same condition as purchased*
- + *Management services*
- + *Commission and brokerage earned*
- + *Fees earned from membership*
- + *Rental income received except land rental*
- + *Other operating income*
- + *Service tax and services charges*
- *Value of goods purchased for resale in the same condition as purchased*
- + *Closing stocks*
- *Opening stocks*
- + *Research and development expenditure (In-house)*

14. VALUE OF INTERMEDIATE INPUT

14.1 *Value of intermediate input of Agriculture (crops, livestock, forestry & logging and fisheries) is defined to include the following items:*

Cost of direct materials consumed in agricultural activities

- + *Total payment on agricultural work done by other establishments*
- + *Cost of non-perennial crops seeds/ non-breeder livestock and fisheries*
- + *Expenditure for other agricultural activities*
- + *Packing materials consumed*
- + *Materials used for repairs and maintenance*
- + *Stationery and office supplies consumed*
- + *Water purchased*
- + *Electricity purchased*
- + *Fuel, lubricants and gas*
- + *Payments for current repairs and maintenance work done by others on this establishment's fixed assets*
- + *Transportation of goods (carriage outwards)*
- + *Travelling expenses*
- + *Accounting, secretarial and auditing fees*
- + *Advertising and promotional expenses*
- + *Legal fees*
- + *Payment for other professional services*
- + *Management fees*
- + *Commissions and agency fees*
- + *Telecommunication fees*
- + *Postage (include courier services)*
- + *Bank charges*
- + *Insurance premium on building, machinery, transport equipment and goods*
- + *Payment for security services*
- + *Payment for data processing and other services related to information technology*
- + *Rental payment (excludes for rent on land)*
- + *Expenses on agro tourism*
- + *Royalties paid to: Non-government organisations/ corporate sponsorship*
- + *GST on net purchasers are not claimable as input tax*
- + *Fees paid to non-working directors for their attendance at Board of Directors' meetings*
- + *Other expenses: Input*
- + *Value of free wearing apparel provided*
- + *Staff training cost*

14.2 The value of intermediate input of **Mining & quarrying, Manufacturing and Construction** are defined to include the following items:

Value of materials and supplies consumed

- + *Cost of industrial work done by others include stripping overburden (earth removal) and internal transport in mines/ quarries site*
- + *Electricity and water purchased*
- + *Value of fuels, lubricants and gas consumed*
- + *Cost of materials used for repairs and maintenance of assets (including payments to others for this work)*
- + *Payments for non-industrial services such as toll, ferry, pilotage, towage and harbour fees and charges (including payments for carriage outwards, travelling, management fees, legal services, information technology, advertising, bank chargers, postage, telecommunication, etc*
- + *All other input costs (including training and value of the free apparel provided for the workers)*

14.3 The value of intermediate input of **Services** is defined to include the following items:

Purchase of goods, materials and services

- + *Insurance premiums*
- + *Royalty and patent fees*
- + *Bank charges*
- + *Purchase of electricity and water*
- + *Purchase of fuels, lubricants and gas*
- + *Research and development expenditure*
- + *Environmental compliance expenditure*
- + *Other operating expenditure*

15. VALUE ADDED

Value added is the difference between the value of gross output and intermediate input. It is approximately equivalent to commercial profit, salary and wages, depreciation and indirect taxes; plus, interest paid less interest received.

16. NUMBER OF PERSONS ENGAGED

Labour force statistics employ various terminologies to explain the labour market, depending on the definition, scope, and coverage of the published statistics.

The term number of employed persons in the statistics published by DOSM through the Labour Force Survey (LFS) refers to all persons aged 15 to 64 years who, at any time during the reference week, worked at least one hour for pay, profit, or family gain (as an employer, employee, own-account worker, or unpaid family worker).

On the other hand, the number of filled jobs in the Employment Statistics refers to the persons employed at the end of each reference quarter, including full-time and part-time employees, permanent, short-term or seasonal employees, employees paid with monthly salaries or based on hours worked, employees on short vacation such as sick leave or annual leave, and newly hired employees to fill the vacancy in the current quarter. These statistics exclude proprietors and partners of unincorporated businesses, unpaid family workers, employees on strike during the quarter, employees on unpaid leave during the entire quarter, and employees provided by other agencies such as subcontractors and consultants.

Meanwhile, the number of formal employees in Employee Wages Statistics is refer to the person who works under a contract of service or apprenticeship with the employer and receives remuneration for the work completed. Formal employees do not include those who fall under non-standard employment, including self-employed, gig-workers, own-account workers, unpaid family workers, etc.

In the Economic Census 2023 publication, the number of persons engaged refers to all working persons who worked for the establishments which has been censused; in December or the last pay period of the reference year.

16.1 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.

i. Working proprietors and active business partners

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

ii. Unpaid family workers

Include all household members (full-time or part-time) to 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 wether they worked in the establishment or not.

16.2 Paid full-time employees

Refer to all all paid workers (full-time) who work for at least six hours a day and/or 20 days a month. All such employees are to be categorised according to Malaysia Standard Classification of Occupations 2020 (MASCO) as follows:

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.

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. Skilled agricultural, forestry, livestock and fishery workers

Refer to those who grow and harvest field or tree and shrub crops, gather wild fruit, herbs and vegetables, breed, tend or hunt animals, produce a variety of animal husbandry products, cultivate, conserve and gather forest products, breed or catch fish and cultivate or gather other forms of aquatic life;

d. 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

e. 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.

17. SKILL LEVELS

Skill levels have been classified according to Malaysia Standard Classification of Occupations (MASCO) 2020 as follows:

i. Skilled

Managers, professionals and researchers, and Technicians and associate professionals;

ii. Semi-skilled

Clerical support workers, Service & sales workers, Skilled agricultural, forestry, livestock & fishery workers, Craft & related trades workers, and Plant & machine operators and assemblers; and

iii. Low-skilled

Elementary occupations.

18. 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.

19. 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.

20. ROUNDING

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

21. SUPRA STATE

Based on the System of National Accounts (SNA) 2008, categorisation of institutional units based on their economic interest and geographical activities can be as follows; (1) most activities are within a single region; (2) multi-provincial units with centers of interest in multiple provinces or regions but do not operate on a nationwide scale; and (3) units operating at the national level, with their centre of interests not confined to any specific geographical position (e.g. Supra State). Supra State at the state level is equivalent to an overseas organisation at the national level. In Malaysia, Supra State covers production activities beyond the centre for the key economic interest of any state.

22. MICRO, SMALL AND MEDIUM ENTERPRISE

Classification of Micro, Small and Medium Enterprise was based on the new definition of MSMEs which came into effect on 1 January, 2014:

Sektor	Size	Annual Turnover	Number of Full-time Employees
Manufacturing	Micro	Less than RM300,000	Less than 5 employees
	Small	Between RM300,000 to less than RM15 million	From 5 to less than 75 employees
	Medium	Between RM15 million to not exceeding RM50 million	From 75 to not exceeding 200 employees
Agriculture, Mining & quarrying, Construction, and Services	Micro	Less than RM300,000	Less than 5 employees
	Small	Between RM300,000 to less than RM15 million	From 5 to less than 75 employees
	Medium	Between RM15 million to not exceeding RM50 million	From 75 to not exceeding 200 employees

Source: Guideline for New MSME Definition, SME Corp. Malaysia, October 2013

23. EMPLOYMENT COST

Employment cost are divided into several elements such as:

- 1. Salaries and wages paid.*
- 2. Payment of gratuity, retirement / retrenchment benefits to employees. Refers to payments paid by employers to employees upon retirement or being retrenched.*
- 3. Payment in kind to paid employees*
 - Free medical attention. Refers to value fees for medical treatment to your employees.*
 - Others (e.g. free food, free accommodation etc). Refers to value of food and accommodation etc. provided by the establishment to your employees.*
- 4. Employer's contribution to provident funds, social security schemes, pensions and welfare schemes*
- 5. Fees paid to non-working directors for their attendance at Board of Directors' meetings. Refers to the payment by the establishment to non-working directors for their attendance at Board Meetings.*
- 6. Value of free wearing apparel provided. Refers to value of free wearing apparel provided to employees such as uniforms, overalls and office attire.*
- 7. Staff training cost. Refers to training cost, workshop and seminar funded by the employers, either locally or overseas.*
- 8. Cost of transport workers (to and from workplace). Refers to cost of transportation of workers to and from work place undertaken by your establishment such as factory bus services.*
- 9. Levy on labours. Refers to charges paid in the reference year by the employer of foreign workers to the government as enforced by the authorities.*
- 10. Expenses on share-based payment to employees (including shares & stock options). Refers to the amount of expenses incurred from share -based payment transactions for employee performance shares or stock options, offered by companies to employees who work as part of their remuneration package.*
- 11. Other labour cost*

24. COMPOUND ANNUAL GROWTH RATE (CAGR)

The calculations of compound annual growth rate (r) is based on the following formula:

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

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

where,

y_t	=	Value of current year
y_0	=	Value of previous year
t	=	Number of years, $y_t - y_0$
r	=	Annual growth rate

25. SYMBOL AND ABBREVIATIONS

-	:	<i>no information</i>
0	:	<i>rounded value is less than predetermined scale</i>
&	:	<i>and</i>
%	:	<i>per cent</i>
etc.	:	<i>et cetera</i>
e.g	:	<i>example</i>
CAGR	:	<i>compound annual growth rate</i>
RM	:	<i>Ringgit Malaysia</i>
n.e.c	:	<i>not elsewhere classified</i>
Ver.	:	<i>Version</i>
W.P.	:	<i>Federal Territory</i>

